

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016243.D
 Acq On : 07 Nov 2023 08:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 07 23:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	164275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	262616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	222967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76727	49.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.820%		
35) Dibromofluoromethane	7.728	113	77770	49.673	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.340%		
50) Toluene-d8	10.185	98	311582	50.195	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.380%		
62) 4-Bromofluorobenzene	12.489	95	102110	48.106	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57124	54.513	ug/l	96
3) Chloromethane	2.119	50	70990	48.930	ug/l	100
4) Vinyl Chloride	2.253	62	81666	54.537	ug/l	96
5) Bromomethane	2.656	94	52608	52.058	ug/l	100
6) Chloroethane	2.796	64	55881	53.007	ug/l	100
7) Trichlorofluoromethane	3.131	101	129579	57.319	ug/l	99
8) Diethyl Ether	3.527	74	39497	52.714	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	80778	56.719	ug/l	97
10) Methyl Iodide	4.094	142	86899	54.872	ug/l	97
11) Tert butyl alcohol	4.960	59	27049	235.516	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	72750	55.967	ug/l	86
13) Acrolein	3.735	56	25645	242.768	ug/l	100
14) Allyl chloride	4.485	41	110259	59.301	ug/l #	94
15) Acrylonitrile	5.167	53	83717	261.477	ug/l	99
16) Acetone	3.948	43	58168	235.983	ug/l	92
17) Carbon Disulfide	4.204	76	173816	53.560	ug/l	98
18) Methyl Acetate	4.479	43	64468	52.150	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	195213	52.796	ug/l	98
20) Methylene Chloride	4.716	84	84241	54.132	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	83935	55.435	ug/l	91
22) Diisopropyl ether	6.125	45	253135	56.288	ug/l	88
23) Vinyl Acetate	6.064	43	589870	267.150	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	151826	56.410	ug/l	97
25) 2-Butanone	6.990	43	102416	241.495	ug/l	93
26) 2,2-Dichloropropane	6.990	77	144180	56.668	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	99128	55.631	ug/l	93
28) Bromochloromethane	7.344	49	54385	53.998	ug/l	90
29) Tetrahydrofuran	7.356	42	67610	254.321	ug/l	89
30) Chloroform	7.515	83	162207	55.356	ug/l	96
31) Cyclohexane	7.795	56	124458	52.670	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	147522	54.896	ug/l	98
36) 1,1-Dichloropropene	7.923	75	121882	53.912	ug/l	99
37) Ethyl Acetate	7.076	43	49302	48.962	ug/l #	95
38) Carbon Tetrachloride	7.911	117	135524	60.507	ug/l	97
39) Methylcyclohexane	9.191	83	146376	54.241	ug/l	91
40) Benzene	8.167	78	347853	53.595	ug/l	100

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Reviewed By : John Carlone 11/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26158	44.754	ug/l	92
42) 1,2-Dichloroethane	8.246	62	92562	51.104	ug/l	92
43) Isopropyl Acetate	8.277	43	98065	49.235	ug/l #	91
44) Trichloroethene	8.947	130	99918	52.606	ug/l	96
45) 1,2-Dichloropropane	9.222	63	86709	55.535	ug/l	99
46) Dibromomethane	9.313	93	45927	51.853	ug/l	98
47) Bromodichloromethane	9.502	83	122623	54.490	ug/l	98
48) Methyl methacrylate	9.301	41	45375	50.098	ug/l	87
49) 1,4-Dioxane	9.307	88	10104	953.515	ug/l #	66
51) 4-Methyl-2-Pentanone	10.075	43	245339	246.861	ug/l	91
52) Toluene	10.252	92	224412	53.358	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	118924	52.937	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	140796	53.411	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	65160	52.300	ug/l	96
56) Ethyl methacrylate	10.514	69	81736	50.516	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	109465	51.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	194240	247.568	ug/l	93
59) 2-Hexanone	10.837	43	169390	248.723	ug/l	89
60) Dibromochloromethane	10.990	129	83169	53.210	ug/l	99
61) 1,2-Dibromoethane	11.099	107	61015	51.487	ug/l	98
64) Tetrachloroethene	10.727	164	99036	49.936	ug/l	97
65) Chlorobenzene	11.526	112	237739	53.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	91724	55.903	ug/l	98
67) Ethyl Benzene	11.599	91	434552	54.845	ug/l	99
68) m/p-Xylenes	11.709	106	333225	108.837	ug/l	94
69) o-Xylene	12.038	106	157016	53.713	ug/l	98
70) Styrene	12.050	104	260564	53.618	ug/l	97
71) Bromoform	12.215	173	48210	52.965	ug/l #	99
73) Isopropylbenzene	12.337	105	427922	56.809	ug/l	99
74) N-amyl acetate	12.154	43	83990	51.310	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	65320	54.495	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	45572m	48.191	ug/l	
77) Bromobenzene	12.617	156	94119	55.181	ug/l	94
78) n-propylbenzene	12.678	91	507431	56.979	ug/l	99
79) 2-Chlorotoluene	12.764	91	279456	56.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	343018	56.207	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23320	53.469	ug/l	93
82) 4-Chlorotoluene	12.861	91	283208	55.525	ug/l	99
83) tert-Butylbenzene	13.087	119	313918	57.489	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	333067	55.156	ug/l	100
85) sec-Butylbenzene	13.264	105	461989	57.644	ug/l	100
86) p-Isopropyltoluene	13.379	119	373200	56.185	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	182536	54.112	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	179829	53.937	ug/l	99
89) n-Butylbenzene	13.702	91	341903	56.020	ug/l	96
90) Hexachloroethane	13.971	117	71081	62.097	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	156865	53.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9608	44.789	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	89022	49.486	ug/l	97
94) Hexachlorobutadiene	15.123	225	50910	51.790	ug/l	99
95) Naphthalene	15.245	128	152843	43.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	70470	45.858	ug/l	98

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MSVOA_Y
ClientSampleId :
VSTDCCC050

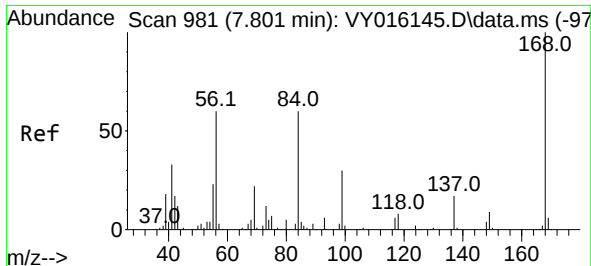
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/08/2023

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

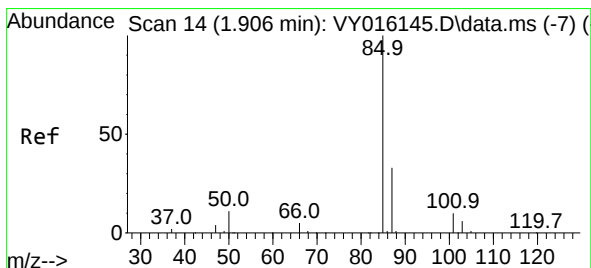
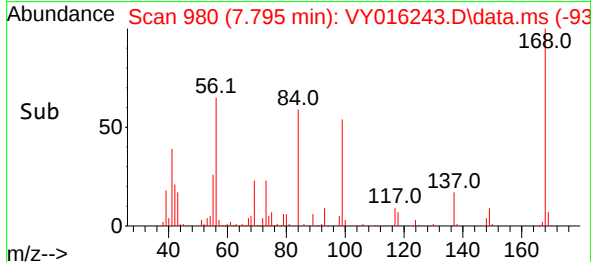
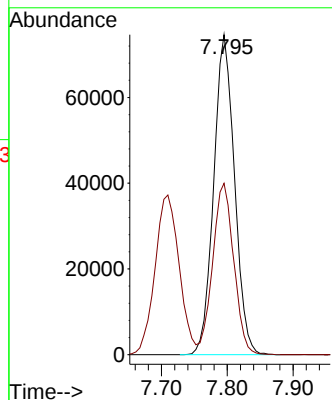
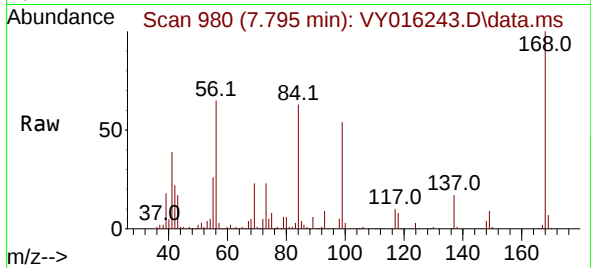
VSTDCCC050

Tgt Ion:168 Resp: 164275
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0

Manual Integrations

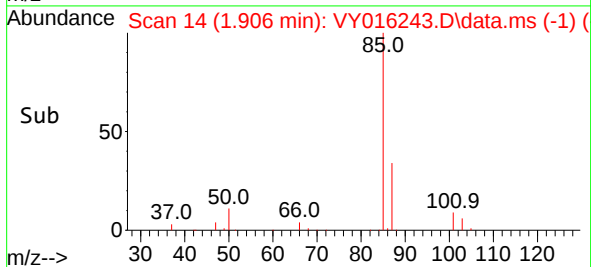
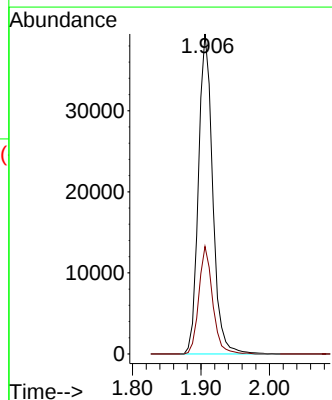
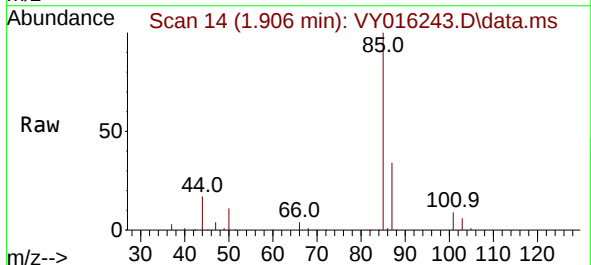
APPROVED

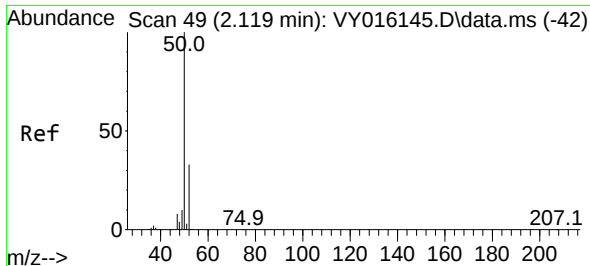
Reviewed By :John Carlone 11/08/2023
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#2
Dichlorodifluoromethane
Concen: 54.513 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

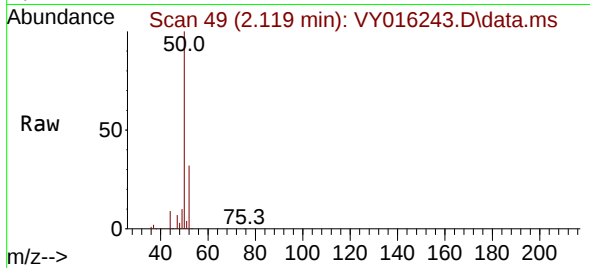
Tgt Ion: 85 Resp: 57124
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3
Chloromethane
Concen: 48.930 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

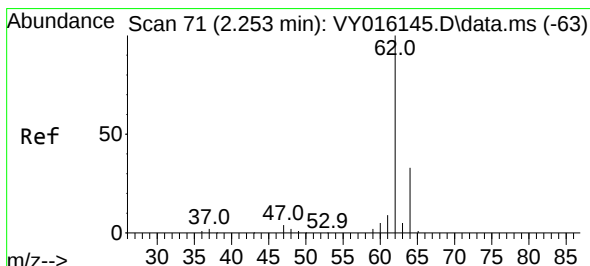
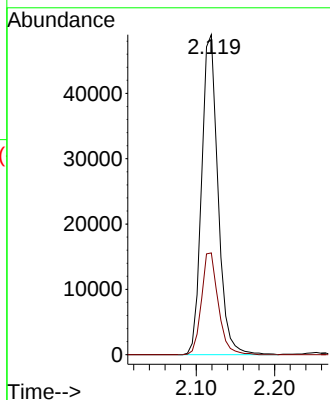
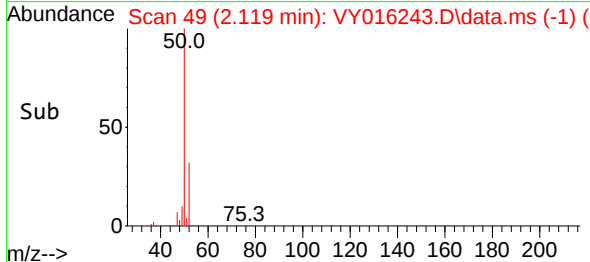
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VSTDCCC050



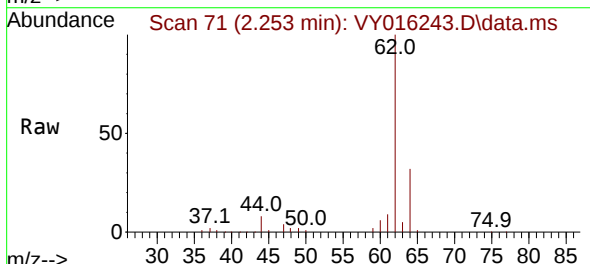
Tgt Ion: 50 Resp: 70990
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

Manual Integrations
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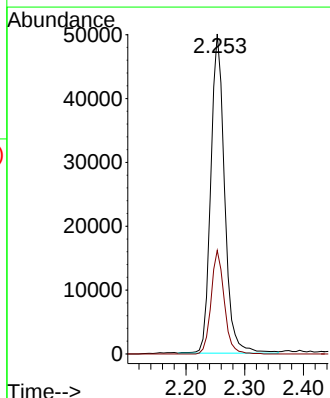
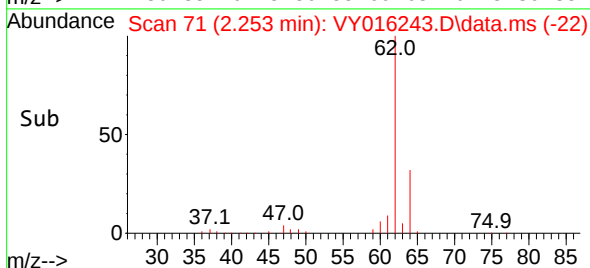
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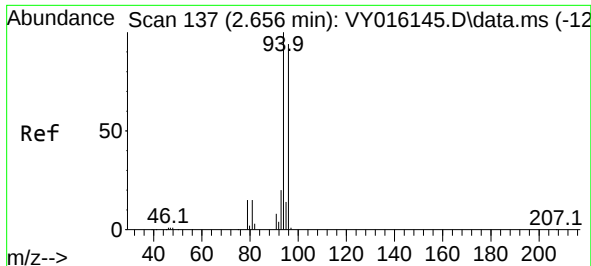


#4
Vinyl Chloride
Concen: 54.537 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



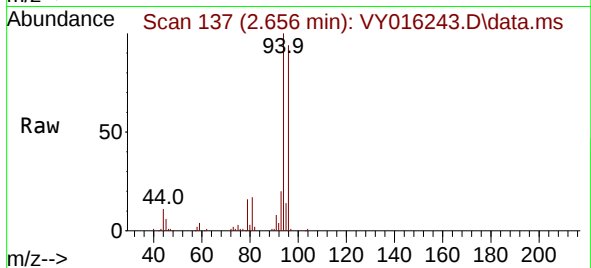
Tgt Ion: 62 Resp: 81666
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 52.058 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

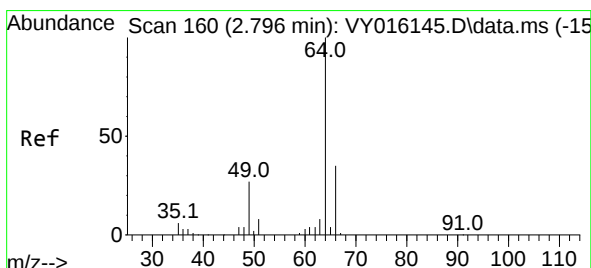
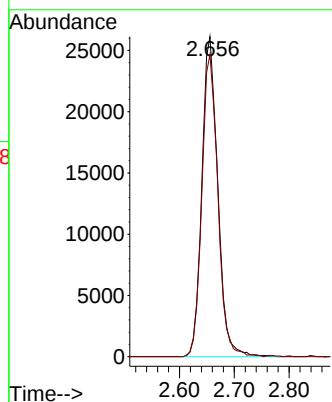
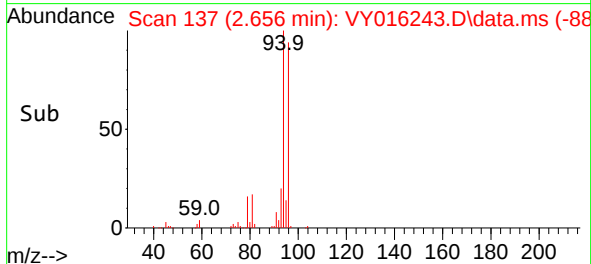
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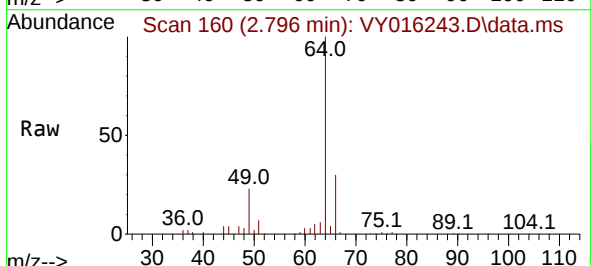
Tgt Ion: 94 Resp: 52608
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6

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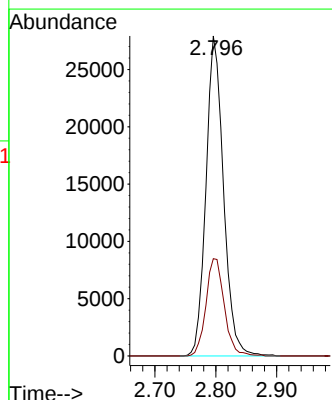
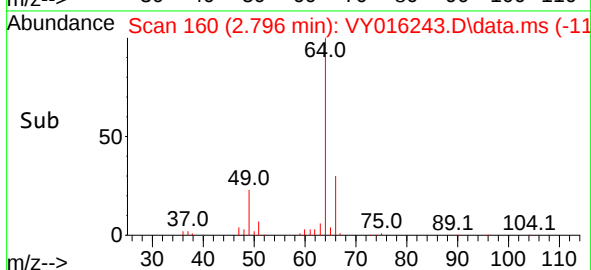
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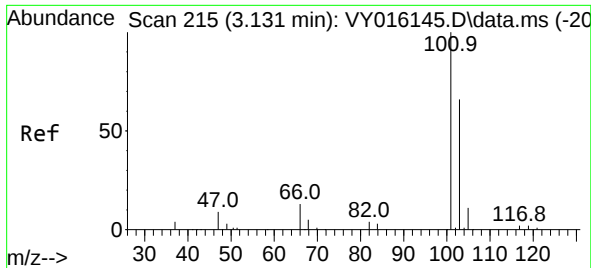


#6
Chloroethane
Concen: 53.007 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY016243.D
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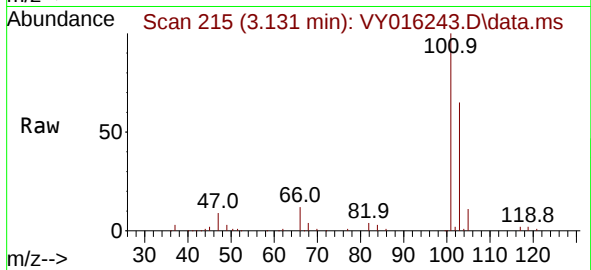
Tgt Ion: 64 Resp: 55881
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6





#7
Trichlorofluoromethane
Concen: 57.319 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016243.D
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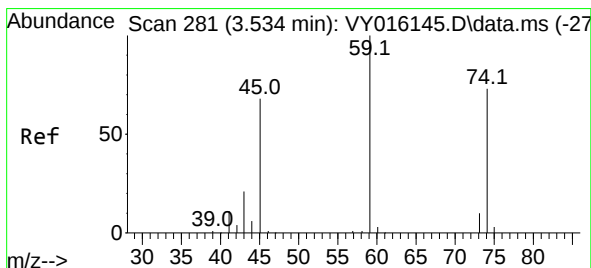
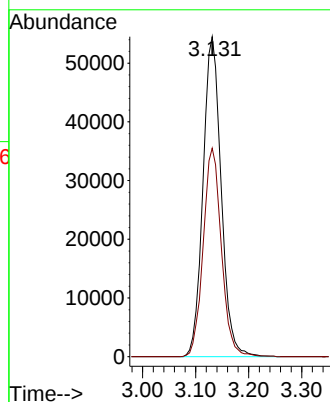
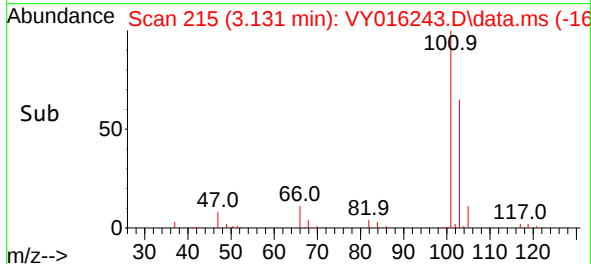
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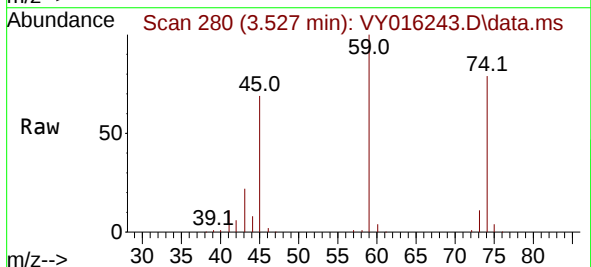
Tgt Ion:101 Resp: 129579
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

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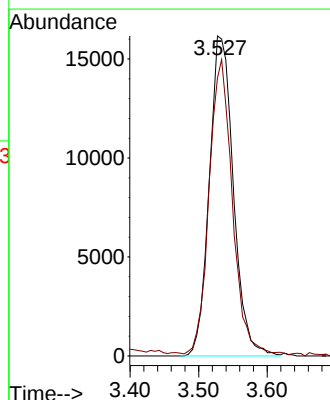
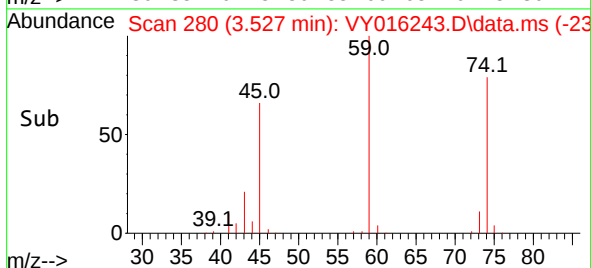
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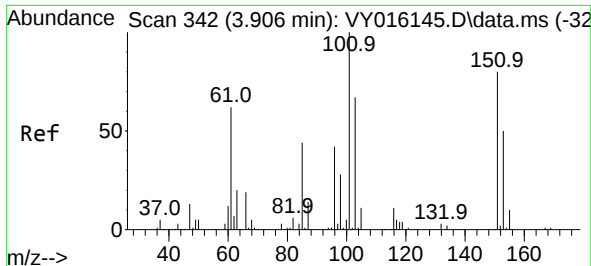


#8
Diethyl Ether
Concen: 52.714 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion: 74 Resp: 39497
Ion Ratio Lower Upper
74 100
45 88.9 51.5 154.5





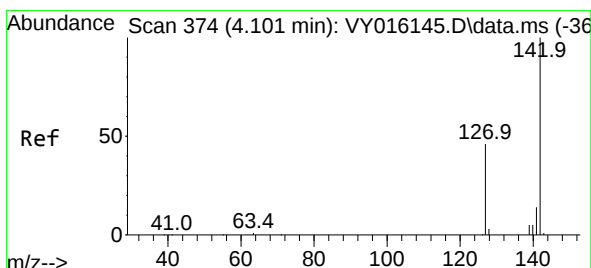
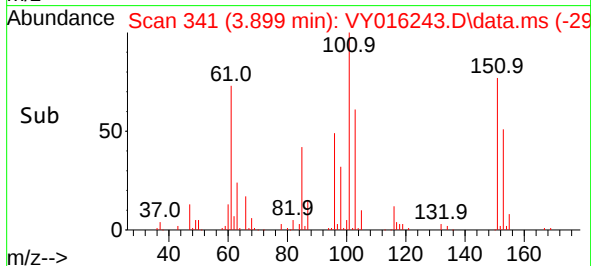
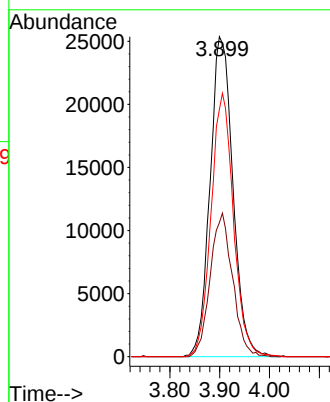
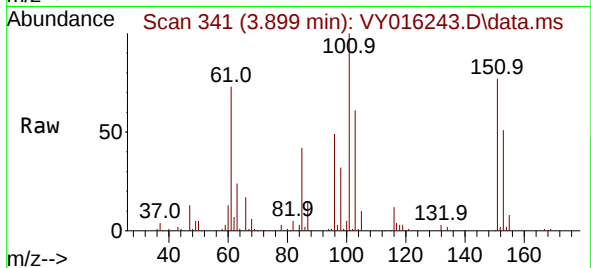
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.719 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 80778
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 80.7 67.0 100.6

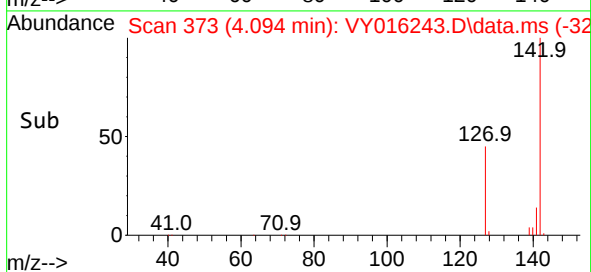
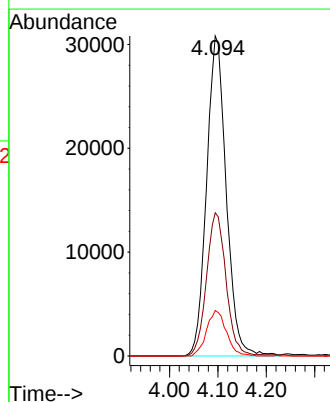
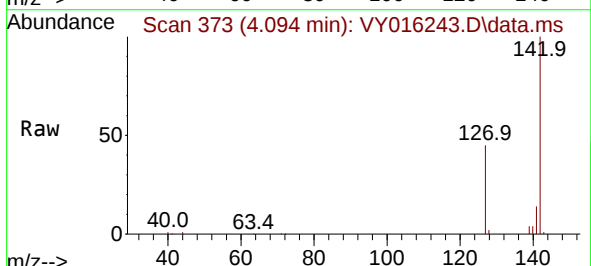
Manual Integrations
APPROVED

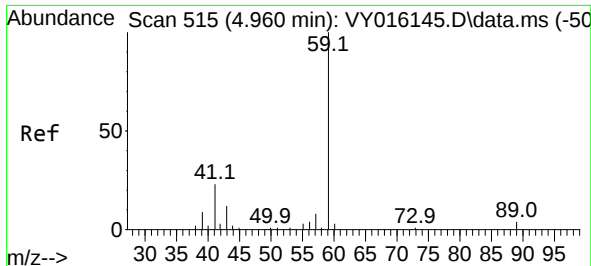
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 54.872 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

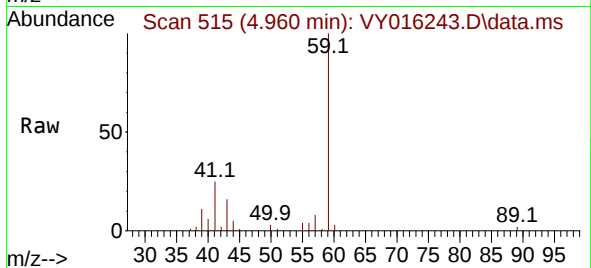
Tgt Ion:142 Resp: 86899
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 235.516 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

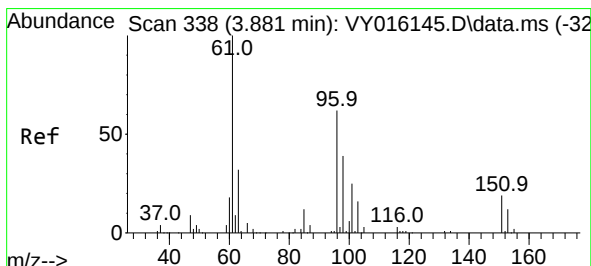
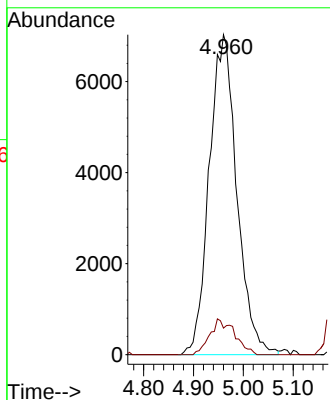
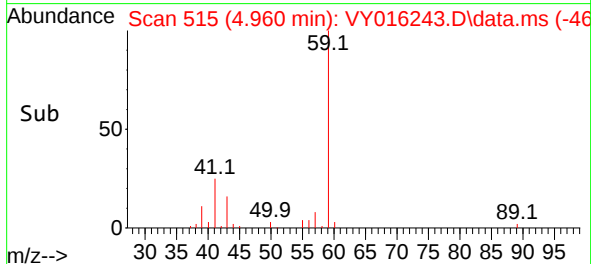
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



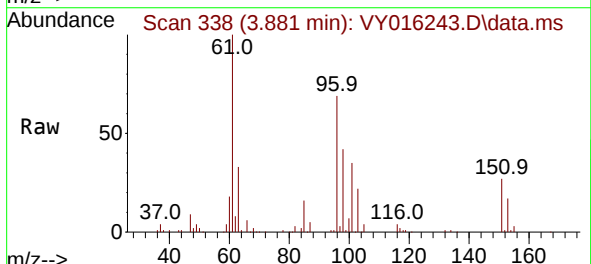
Tgt Ion: 59 Resp: 27049
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4

Manual Integrations
APPROVED

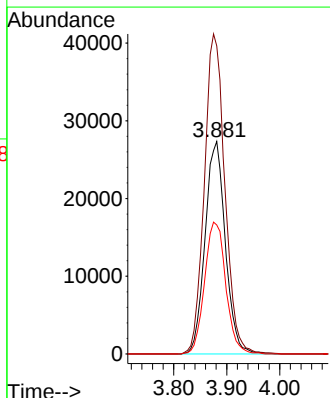
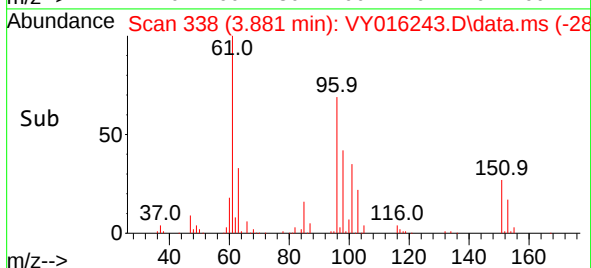
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

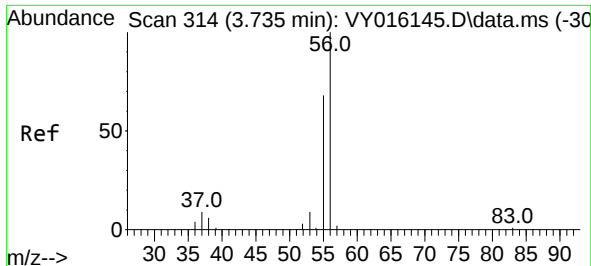


#12
1,1-Dichloroethene
Concen: 55.967 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



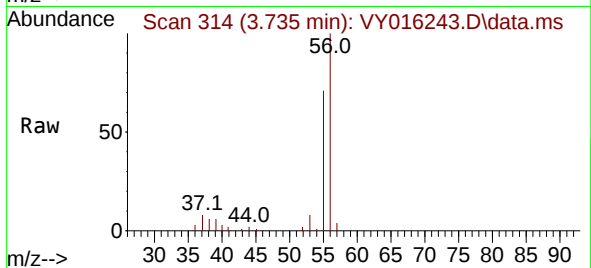
Tgt Ion: 96 Resp: 72750
Ion Ratio Lower Upper
96 100
61 144.9 136.4 204.6
98 60.7 49.4 74.2





#13
Acrolein
Concen: 242.768 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

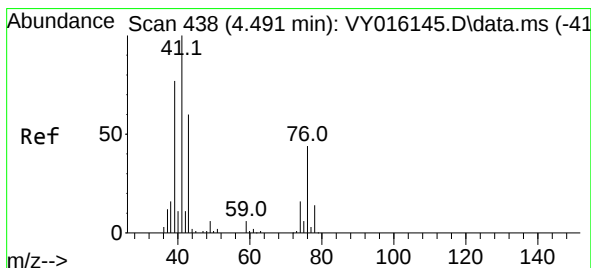
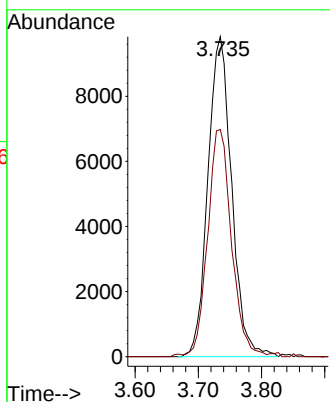
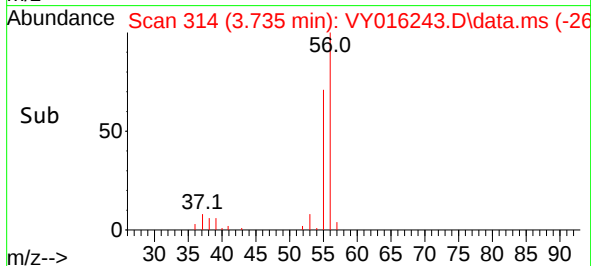
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 25649
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.4

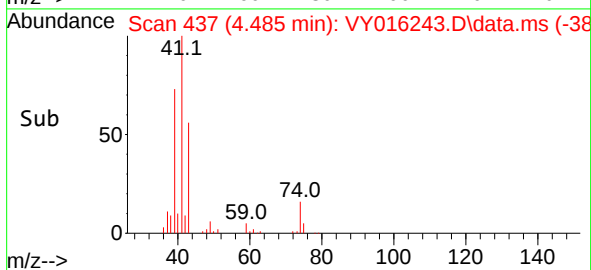
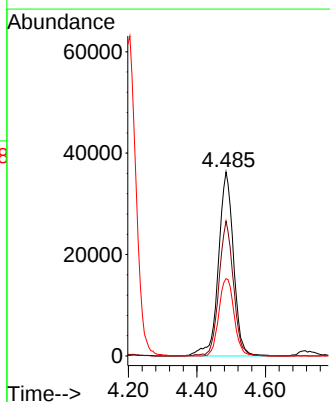
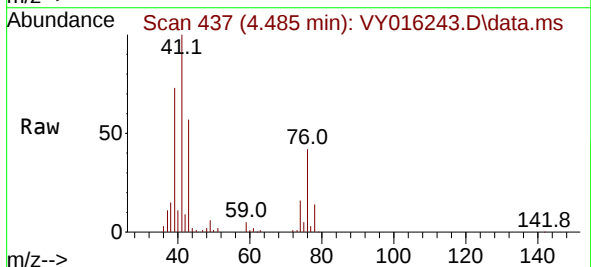
Manual Integrations
APPROVED

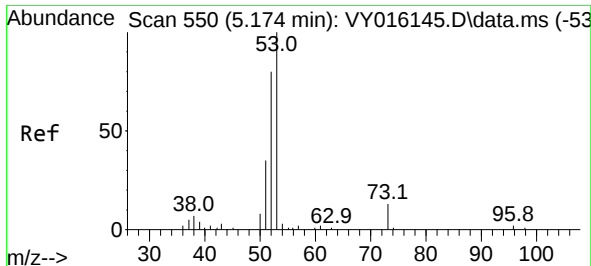
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#14
Allyl chloride
Concen: 59.301 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

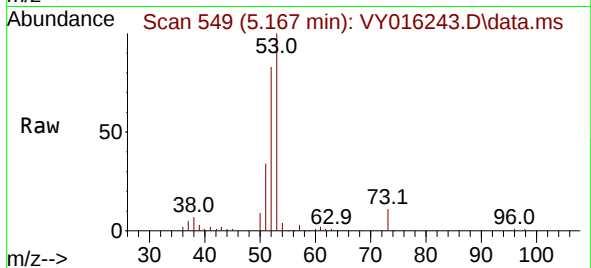
Tgt Ion: 41 Resp: 110259
Ion Ratio Lower Upper
41 100
39 70.6 58.0 87.0
76 42.4 27.4 41.2#





#15
Acrylonitrile
Concen: 261.477 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

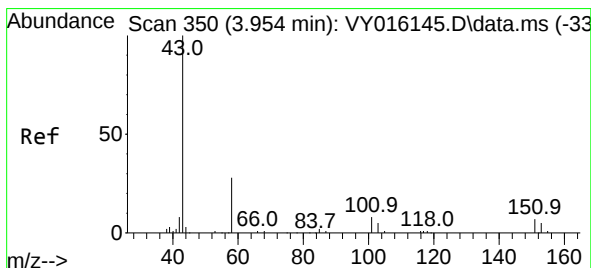
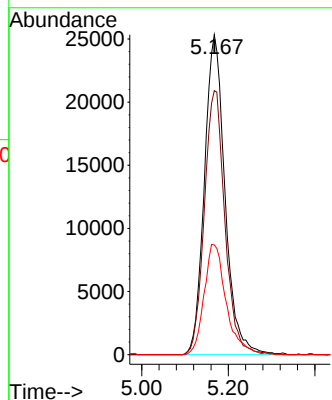
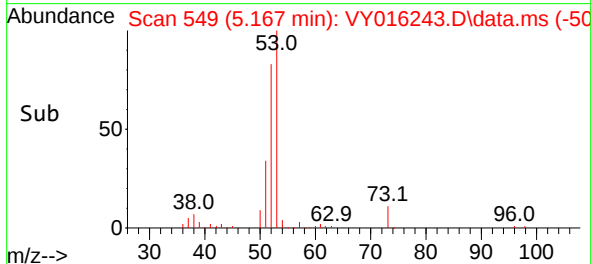
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



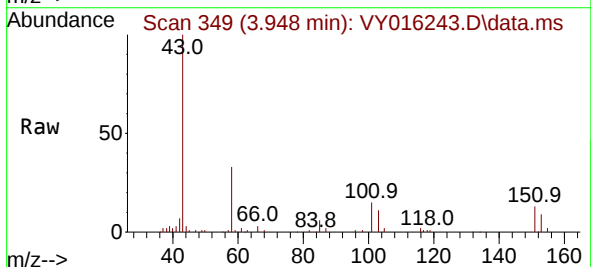
Tgt Ion: 53 Resp: 8371
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 36.8 29.8 44.6

Manual Integrations
APPROVED

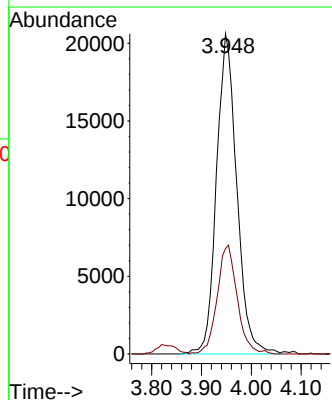
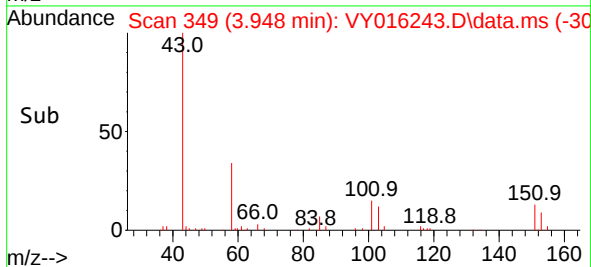
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

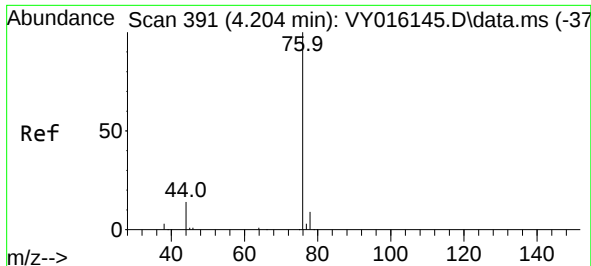


#16
Acetone
Concen: 235.983 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



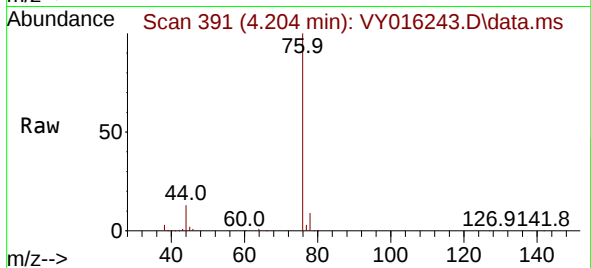
Tgt Ion: 43 Resp: 58168
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





#17
Carbon Disulfide
Concen: 53.560 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

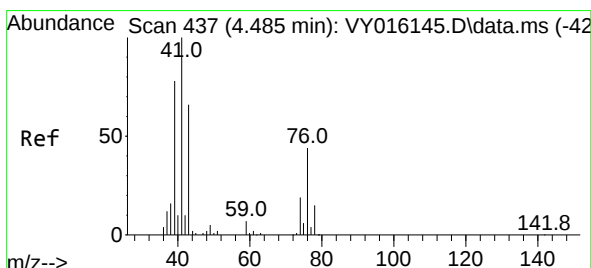
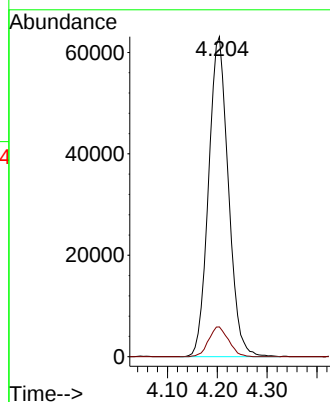
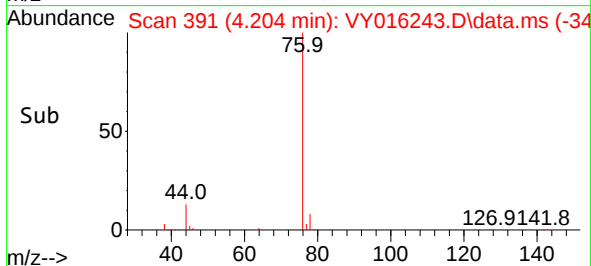
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 173810
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

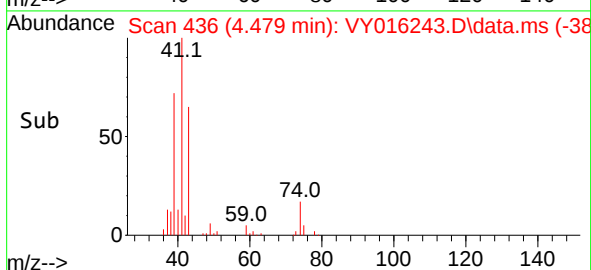
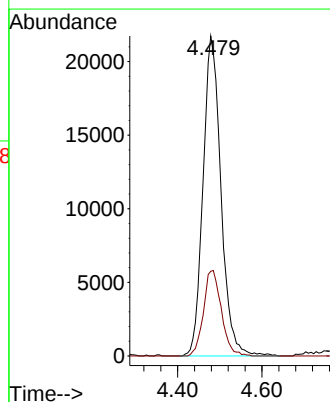
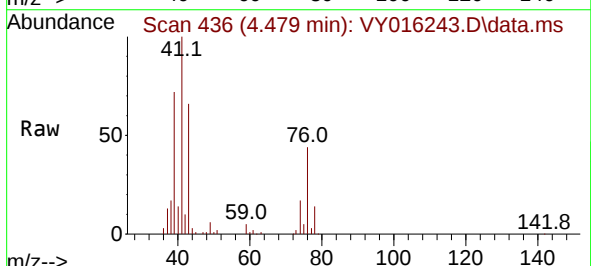
Manual Integrations
APPROVED

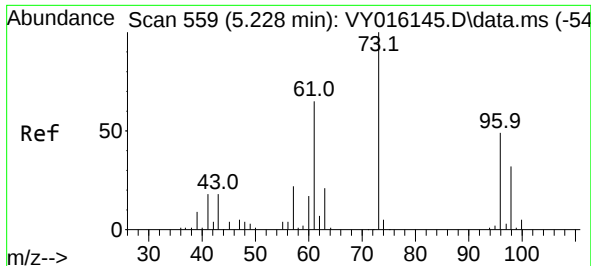
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#18
Methyl Acetate
Concen: 52.150 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

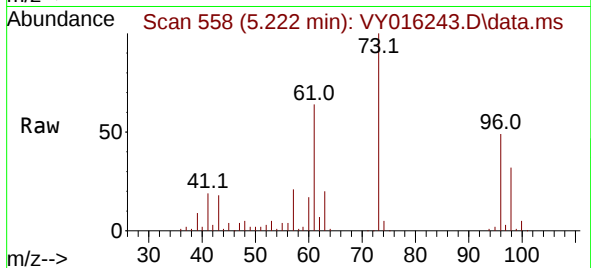
Tgt Ion: 43 Resp: 64468
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 52.796 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

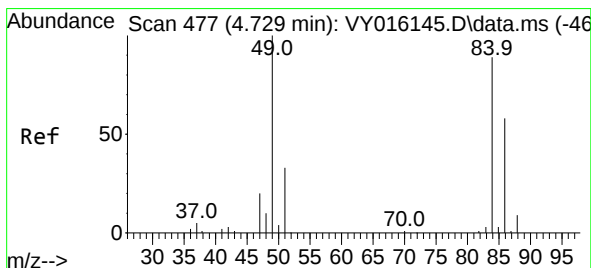
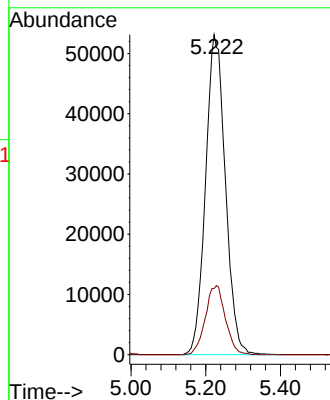
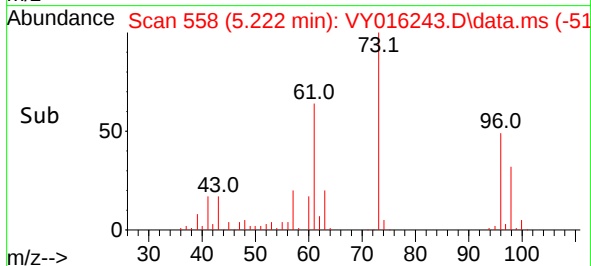
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 19521
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

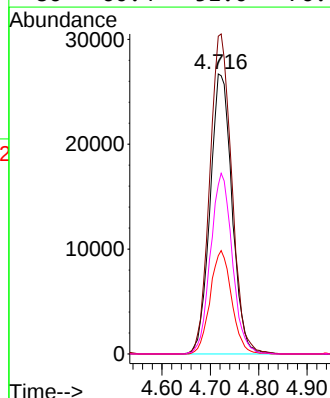
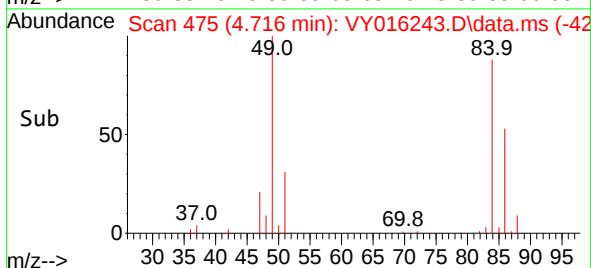
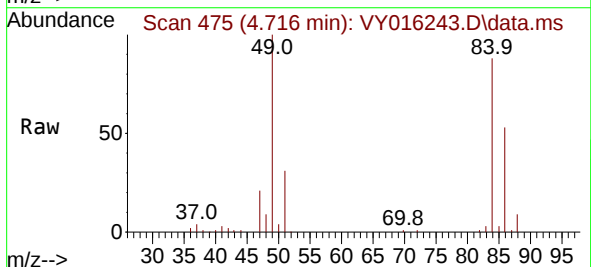
Manual Integrations
APPROVED

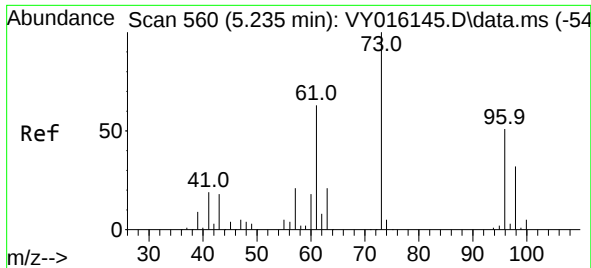
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 54.132 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

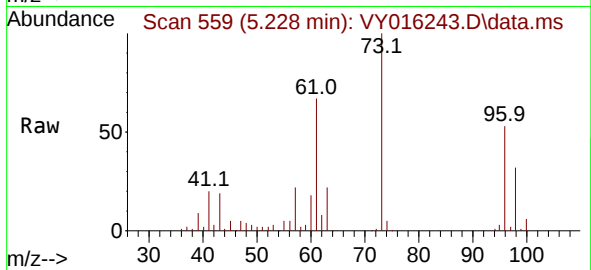
Tgt Ion: 84 Resp: 84241
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 35.1 33.2 49.8
86 60.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 55.435 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

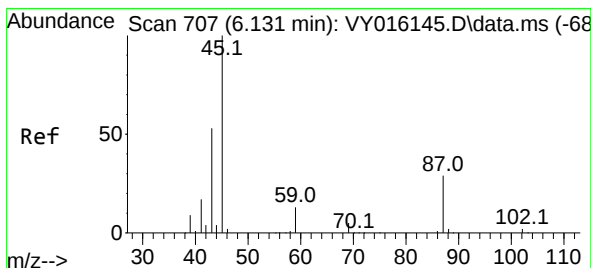
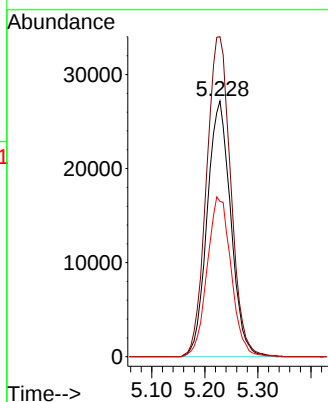
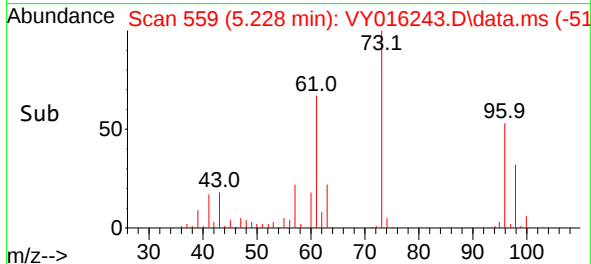
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



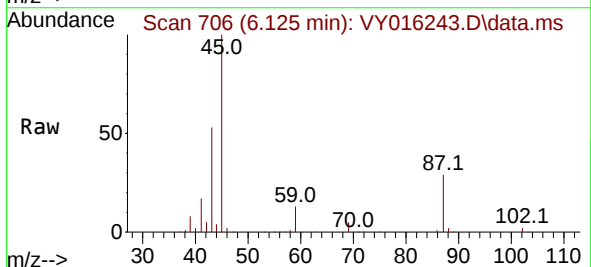
Tgt Ion: 96 Resp: 83935
Ion Ratio Lower Upper
96 100
61 125.1 110.2 165.4
98 60.7 51.8 77.6

Manual Integrations
APPROVED

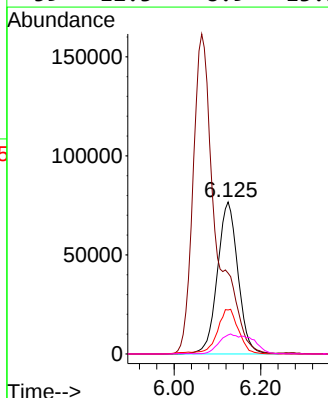
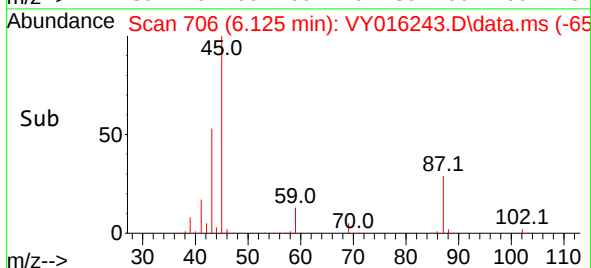
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

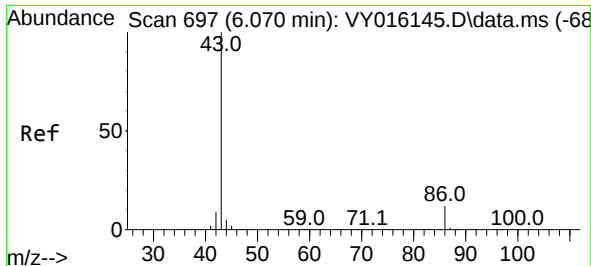


#22
Diisopropyl ether
Concen: 56.288 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion: 45 Resp: 253135
Ion Ratio Lower Upper
45 100
43 52.6 52.2 78.4
87 28.9 21.0 31.6
59 12.3 8.9 13.3





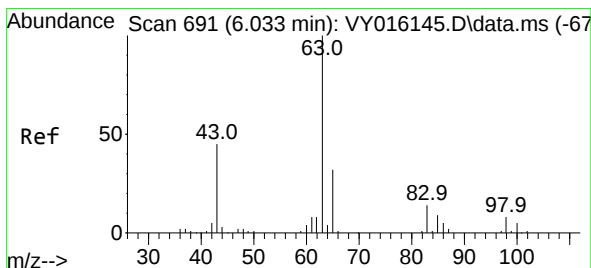
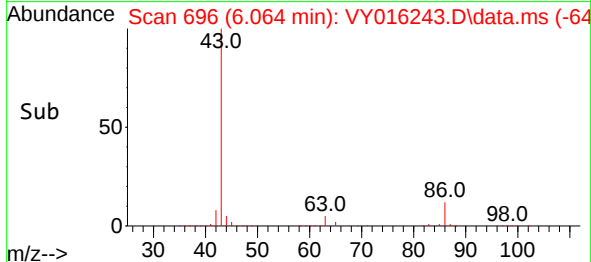
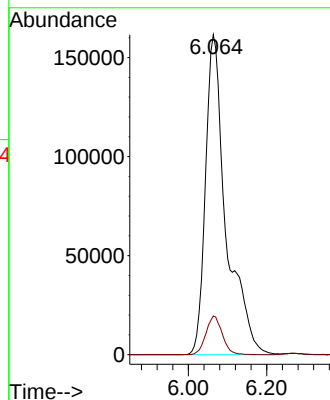
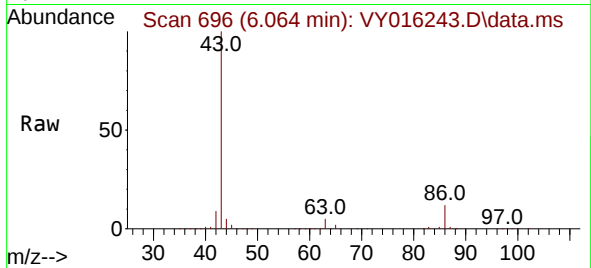
#23
 Vinyl Acetate
 Concen: 267.150 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016243.D
 Acq: 07 Nov 2023 08:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 589870
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

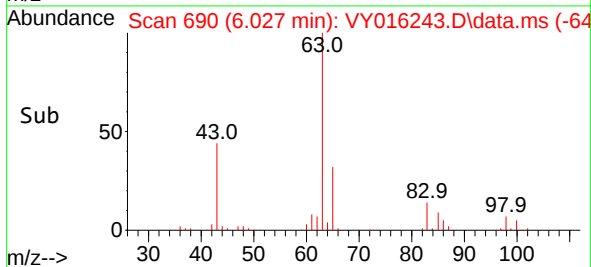
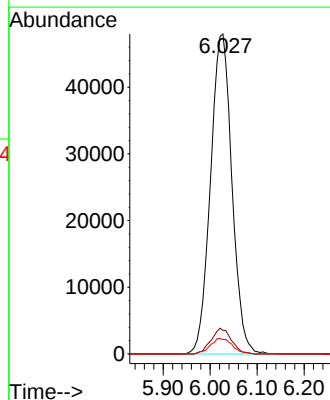
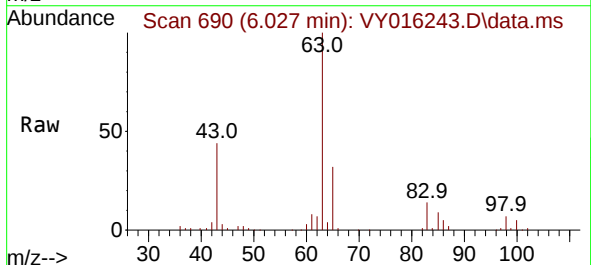
Manual Integrations
 APPROVED

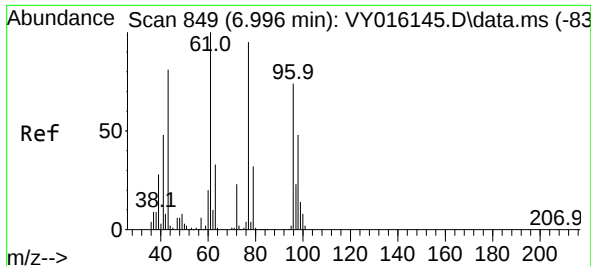
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 56.410 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016243.D
 Acq: 07 Nov 2023 08:35

Tgt Ion: 63 Resp: 151826
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 241.495 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 102410

Ion Ratio Lower Upper

43 100

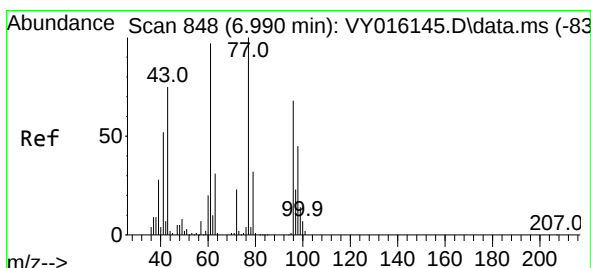
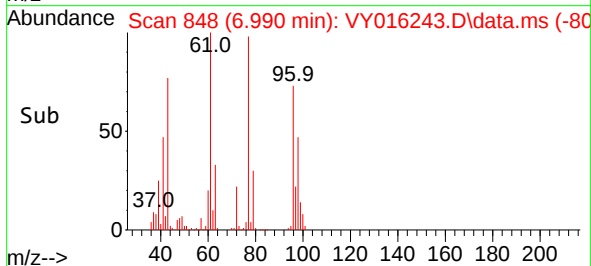
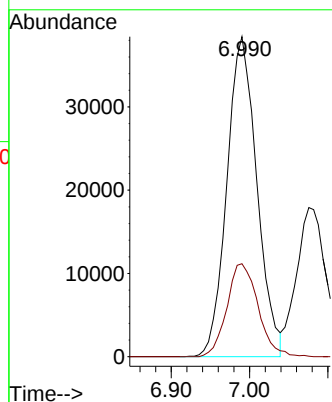
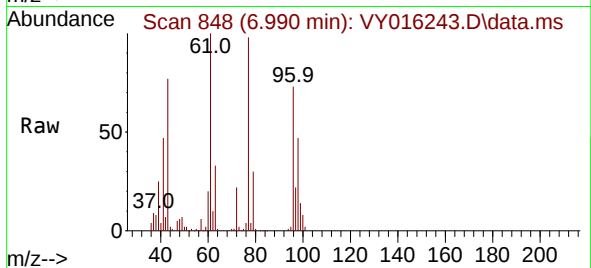
72 29.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#26

2,2-Dichloropropane

Concen: 56.668 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY016243.D

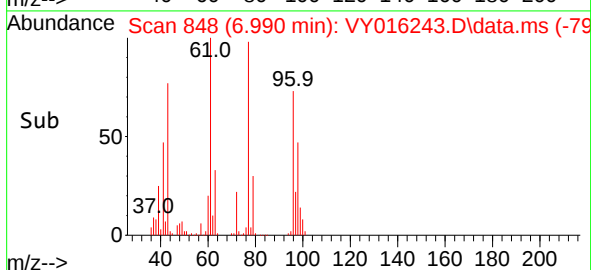
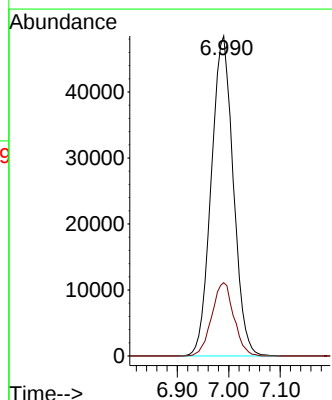
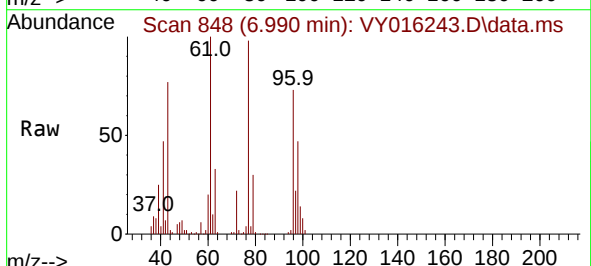
Acq: 07 Nov 2023 08:35

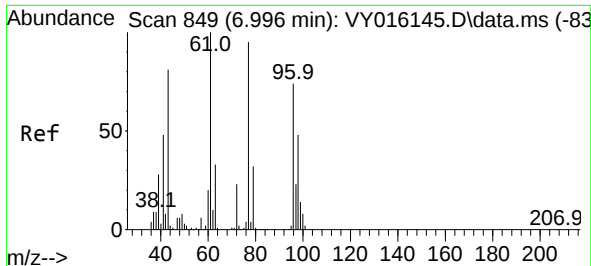
Tgt Ion: 77 Resp: 144180

Ion Ratio Lower Upper

77 100

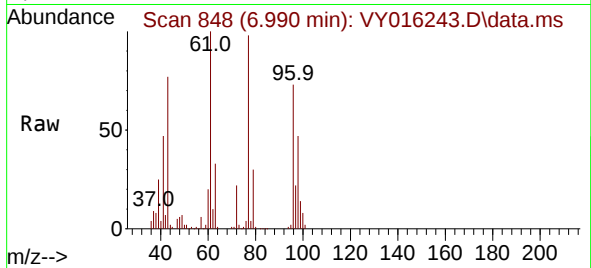
97 23.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 55.631 ug/l
 RT: 6.990 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY016243.D
 Acq: 07 Nov 2023 08:35

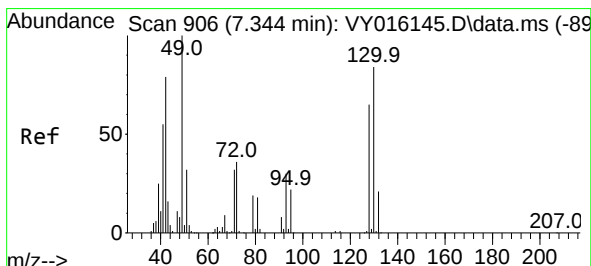
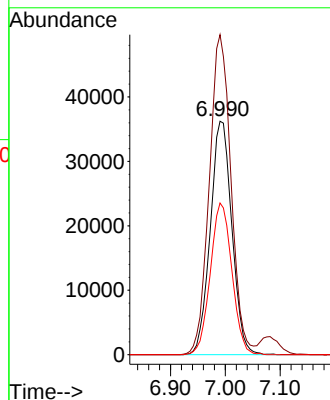
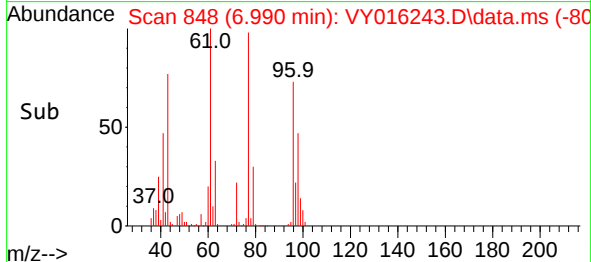
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 99128
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 301.4
 98 64.9 0.0 130.4

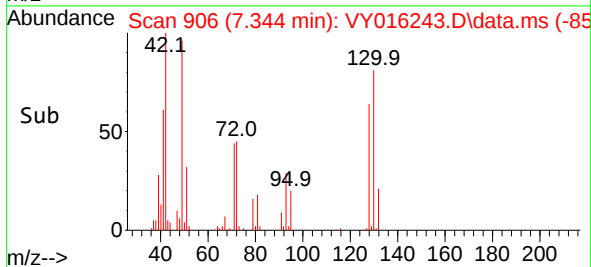
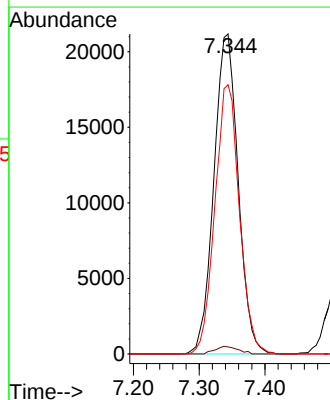
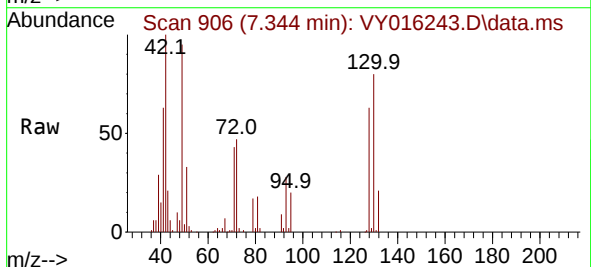
Manual Integrations
 APPROVED

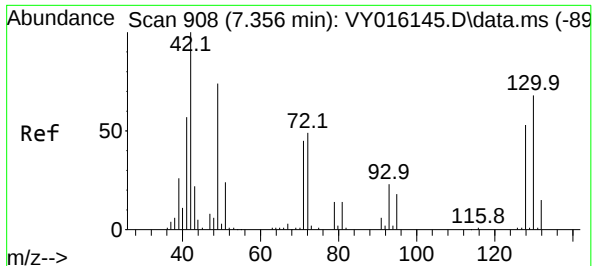
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#28
 Bromochloromethane
 Concen: 53.998 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY016243.D
 Acq: 07 Nov 2023 08:35

Tgt Ion: 49 Resp: 54385
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 84.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 254.321 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 67610

Ion Ratio Lower Upper

42 100

72 48.1 32.8 49.2

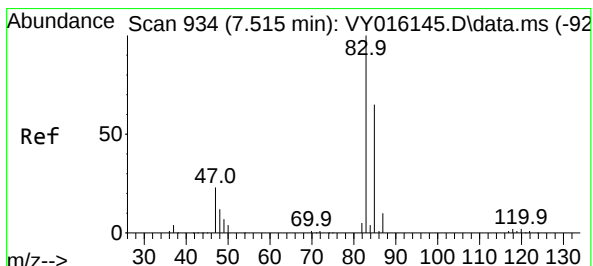
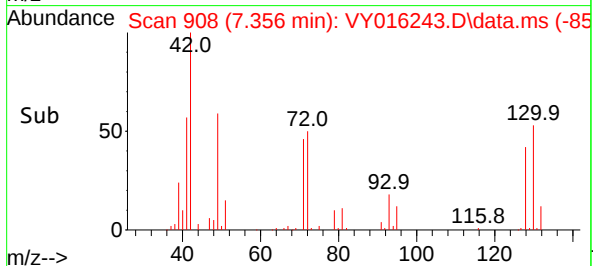
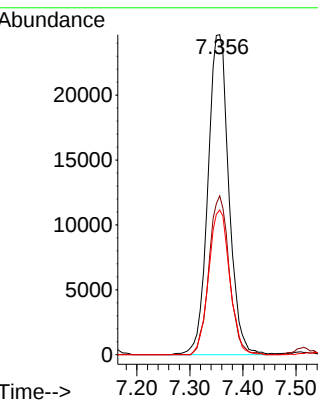
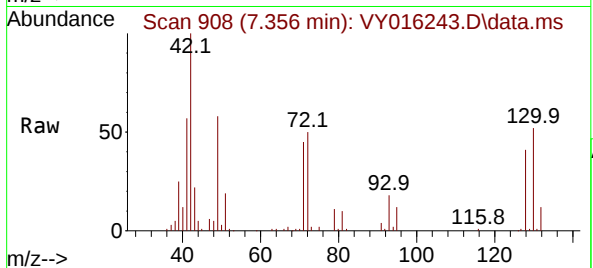
71 45.4 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 55.356 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016243.D

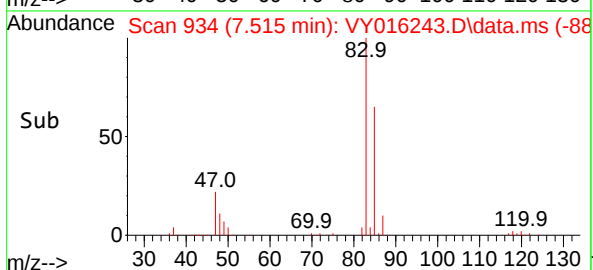
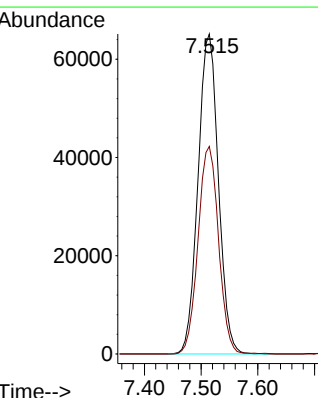
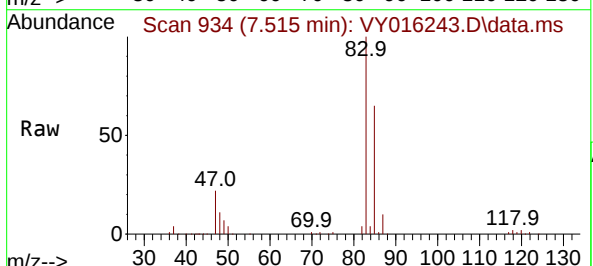
Acq: 07 Nov 2023 08:35

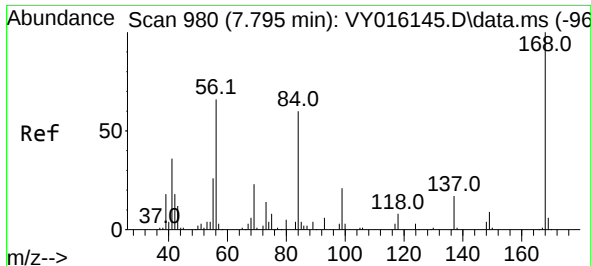
Tgt Ion: 83 Resp: 162207

Ion Ratio Lower Upper

83 100

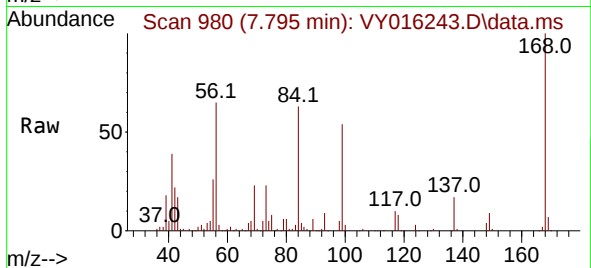
85 64.8 49.7 74.5





#31
Cyclohexane
Concen: 52.670 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

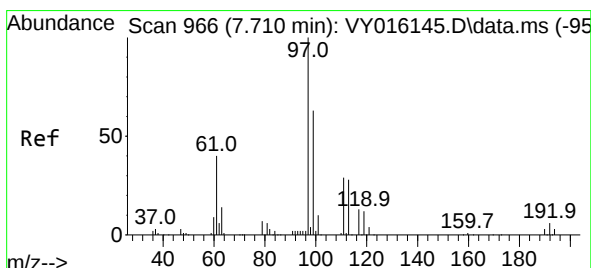
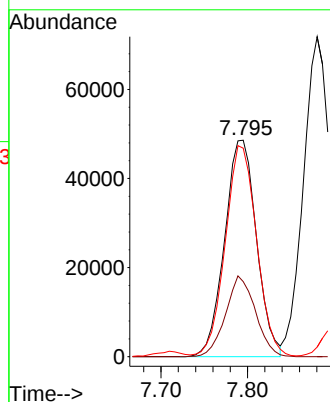
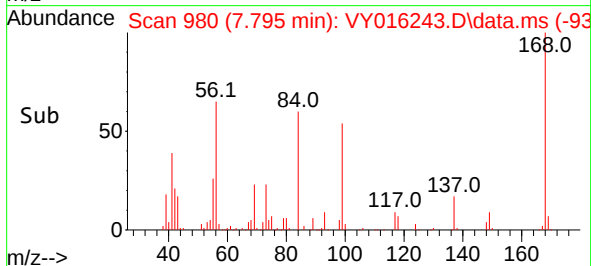
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



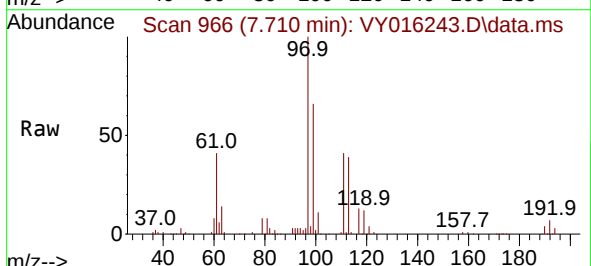
Tgt Ion: 56 Resp: 124458
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 94.7 66.4 99.6

Manual Integrations
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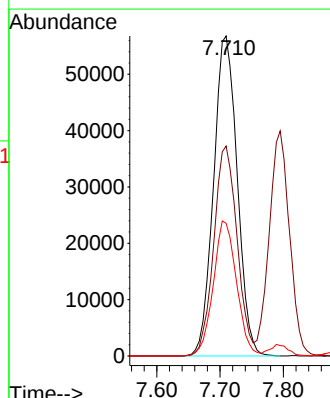
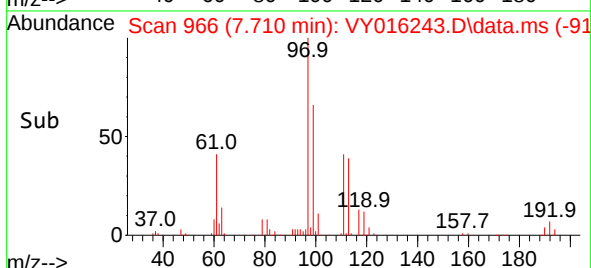
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

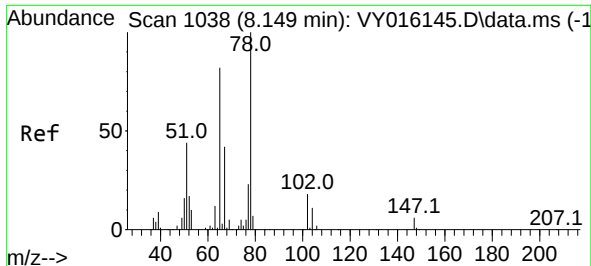


#32
1,1,1-Trichloroethane
Concen: 54.896 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion: 97 Resp: 147522
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.914 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7672

Ion Ratio Lower Upper

65 100

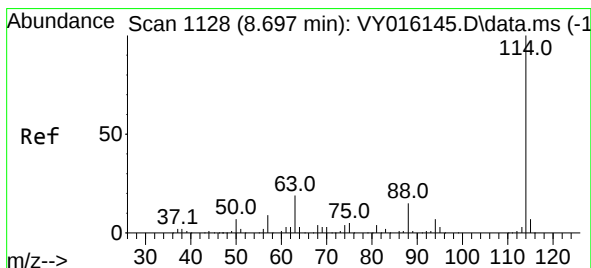
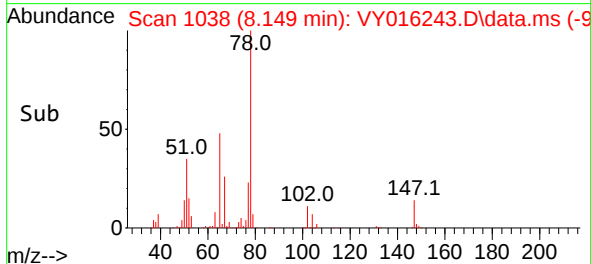
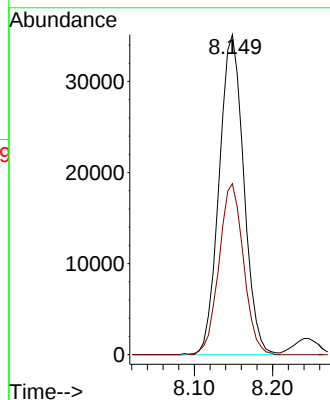
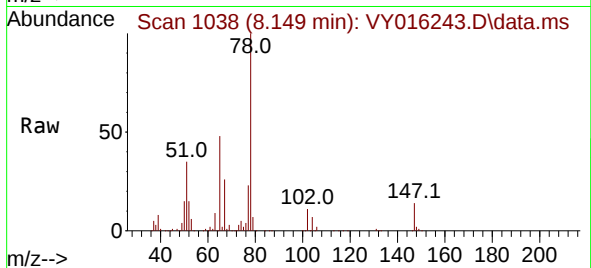
67 53.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

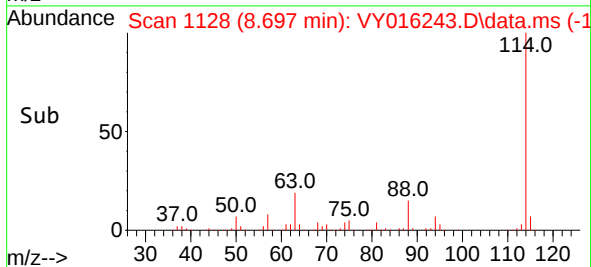
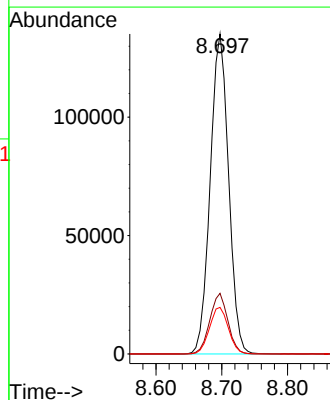
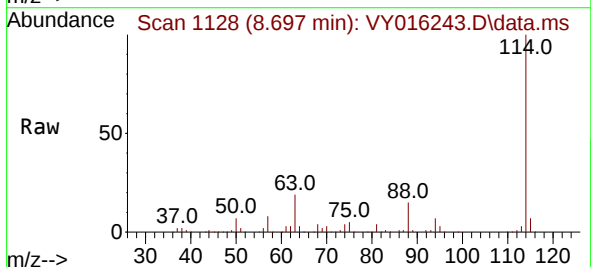
Tgt Ion:114 Resp: 262616

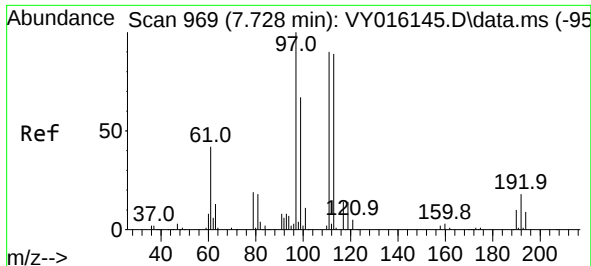
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

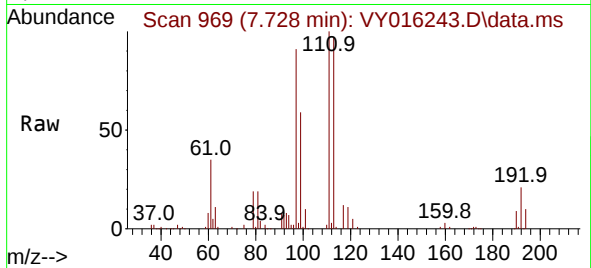
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.673 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

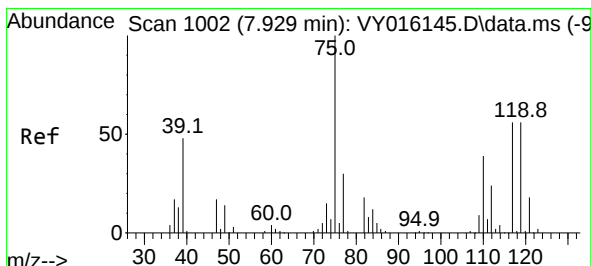
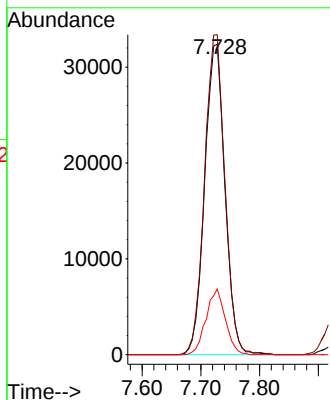
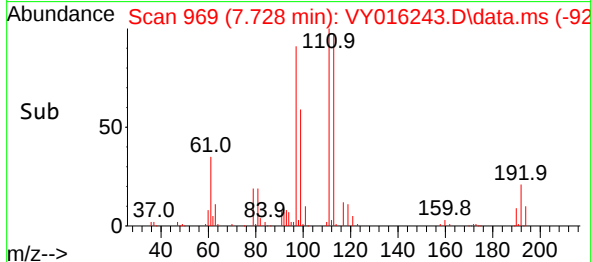
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



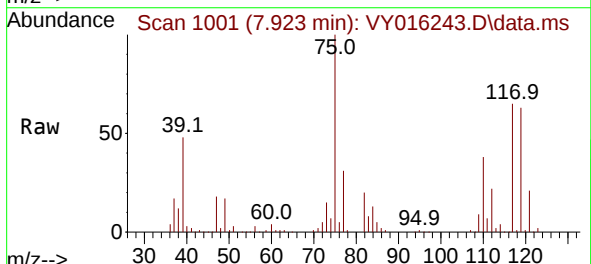
Tgt Ion:113 Resp: 77770
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.2 16.9 25.3

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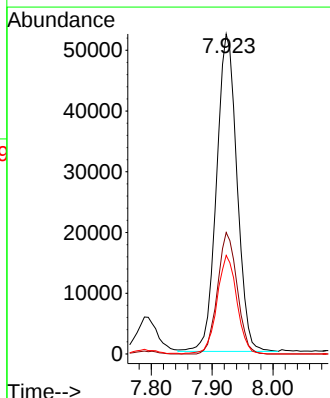
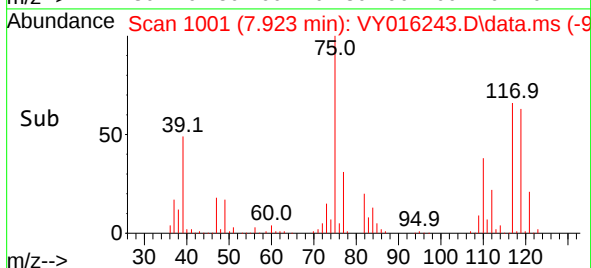
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

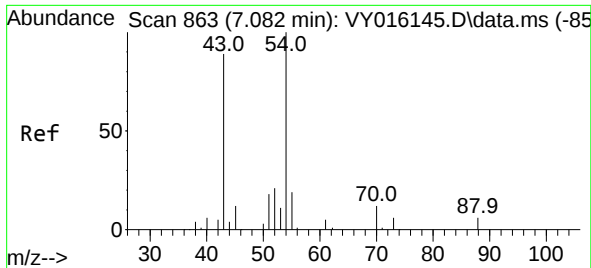


#36
1,1-Dichloropropene
Concen: 53.912 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion: 75 Resp: 121882
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 30.2 24.4 36.6





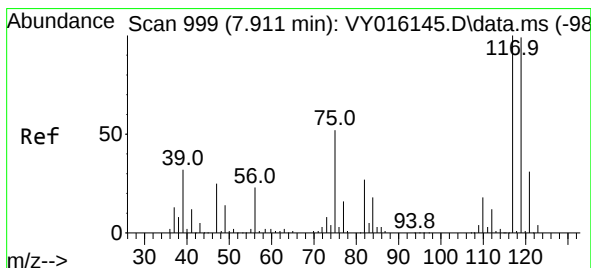
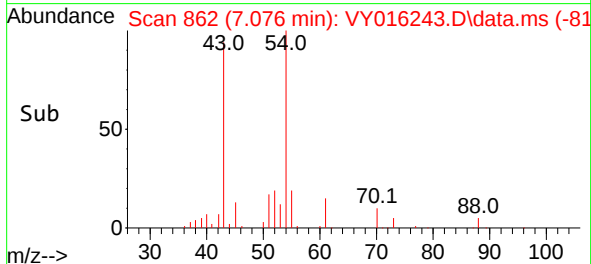
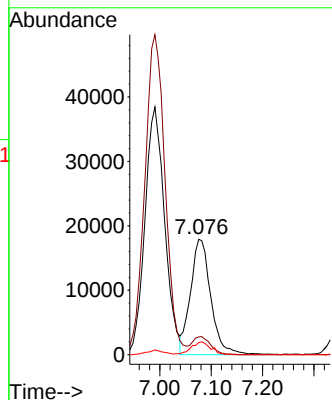
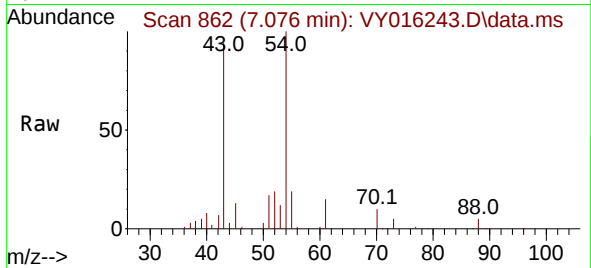
#37
Ethyl Acetate
Concen: 48.962 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 49302
Ion Ratio Lower Upper
43 100
61 14.6 10.1 15.1
70 10.7 7.1 10.7

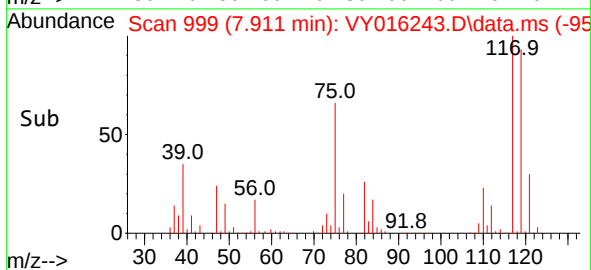
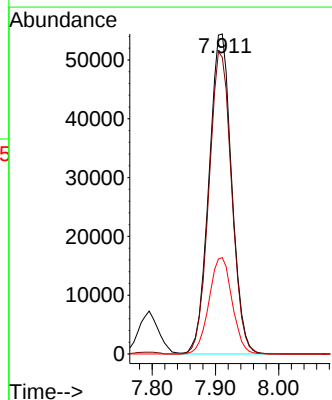
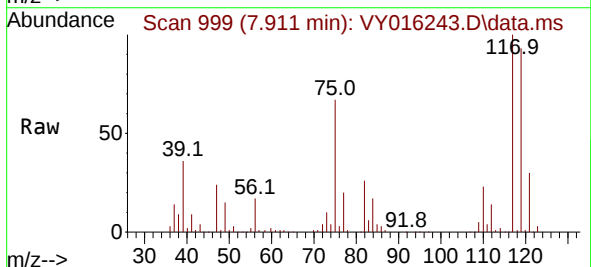
Manual Integrations
APPROVED

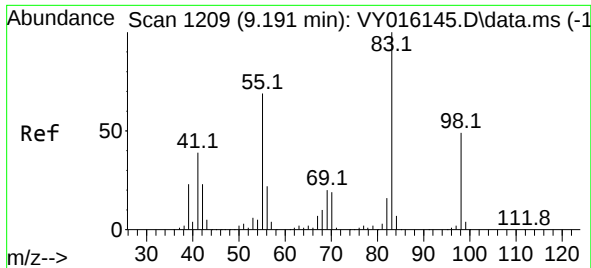
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 60.507 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion:117 Resp: 135524
Ion Ratio Lower Upper
117 100
119 92.7 76.4 114.6
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 54.241 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 146370

Ion Ratio Lower Upper

83 100

55 69.8 63.0 94.4

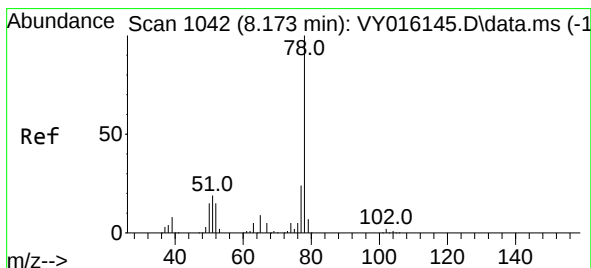
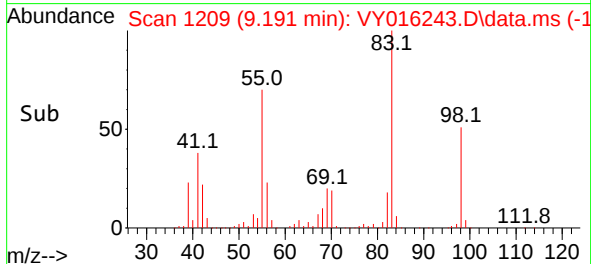
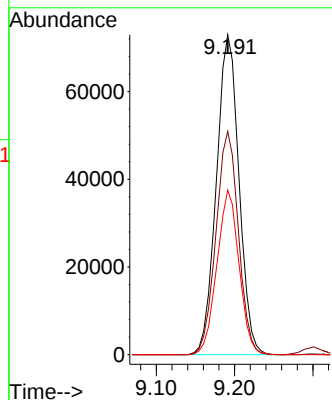
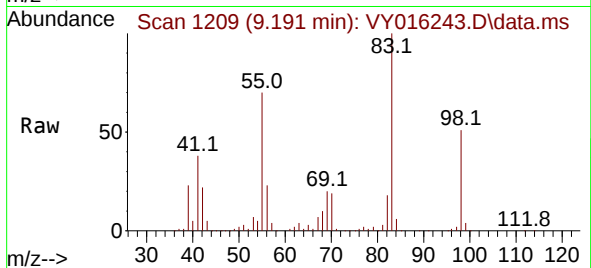
98 51.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 53.595 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016243.D

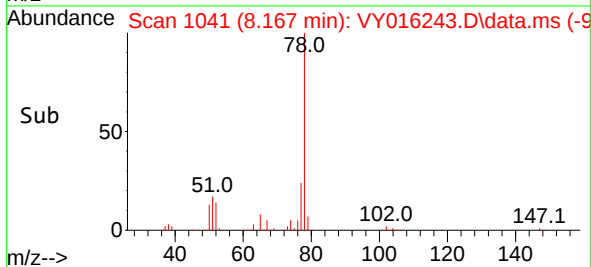
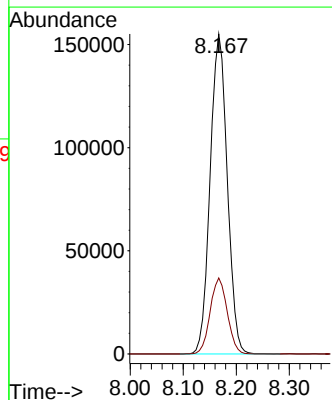
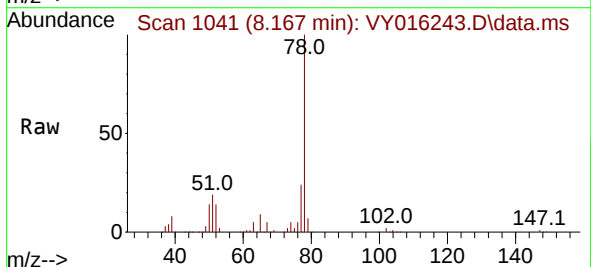
Acq: 07 Nov 2023 08:35

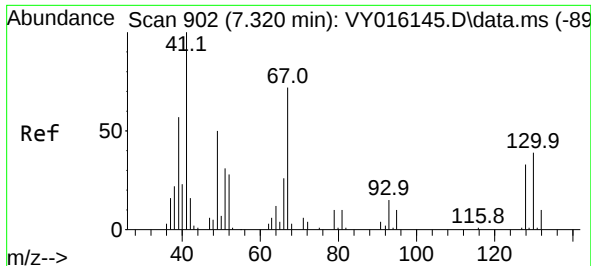
Tgt Ion: 78 Resp: 347853

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





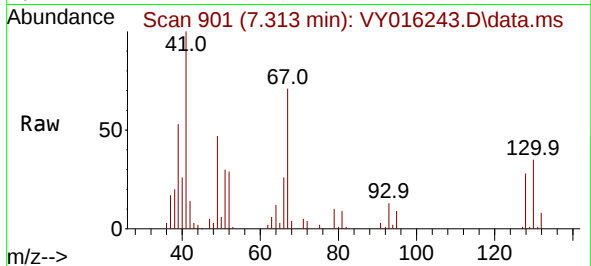
#41
Methacrylonitrile
Concen: 44.754 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



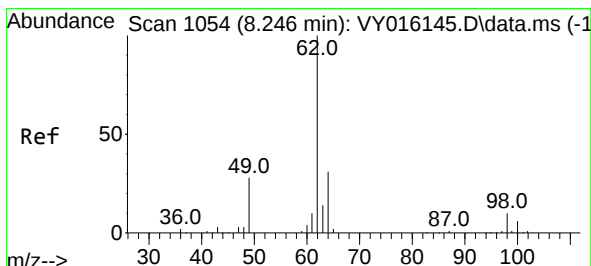
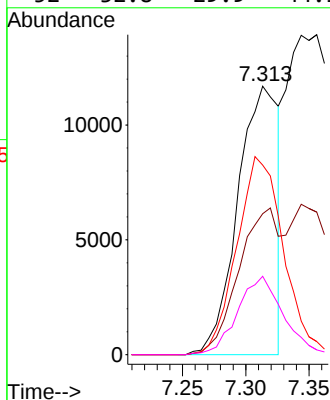
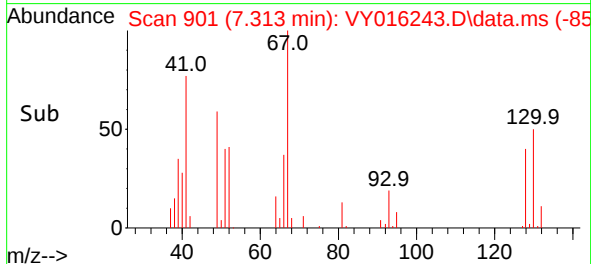
Tgt Ion: 41 Resp: 2615
Ion Ratio Lower Upper
41 100
39 52.9 52.1 78.1
67 84.8 66.2 99.2
52 32.8 29.9 44.9

Manual Integrations

APPROVED

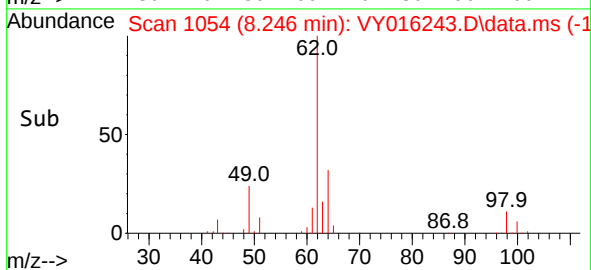
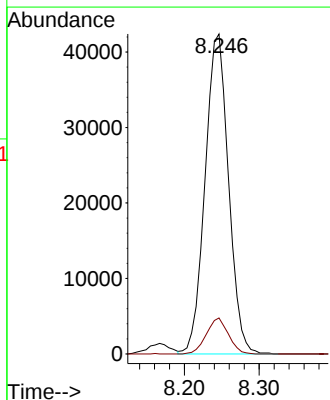
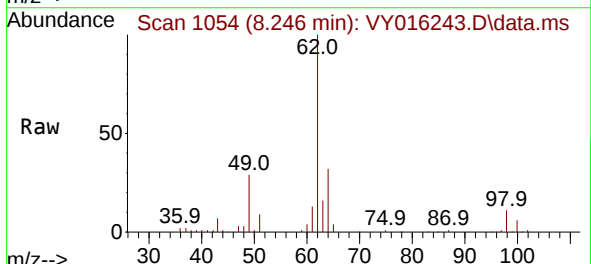
Reviewed By :John Carlone 11/08/2023

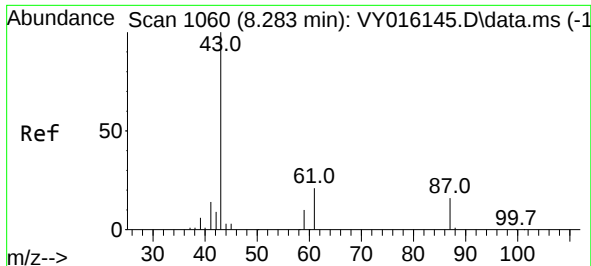
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 51.104 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion: 62 Resp: 92562
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





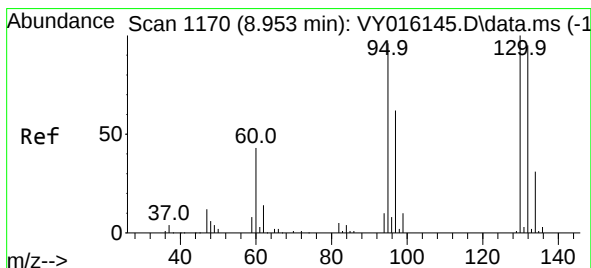
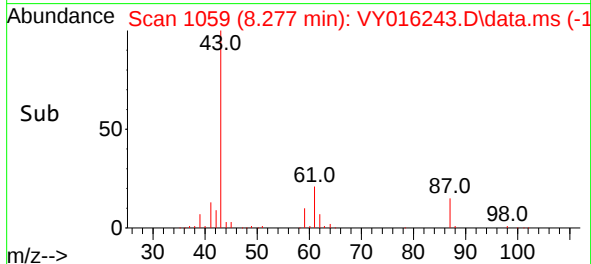
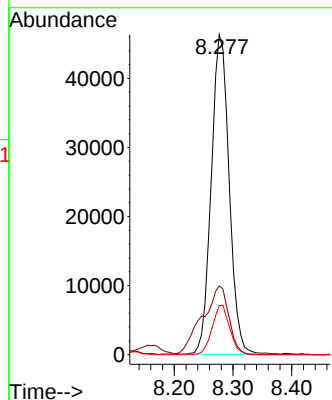
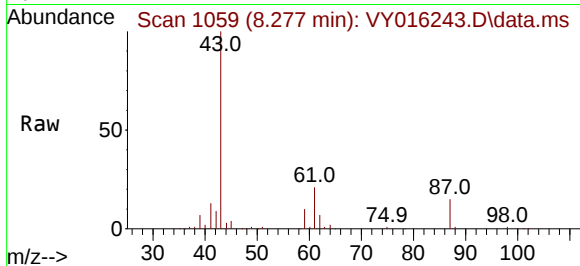
#43
Isopropyl Acetate
Concen: 49.235 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9806
Ion Ratio Lower Upper
43 100
61 31.5 21.1 31.7
87 15.2 9.8 14.8

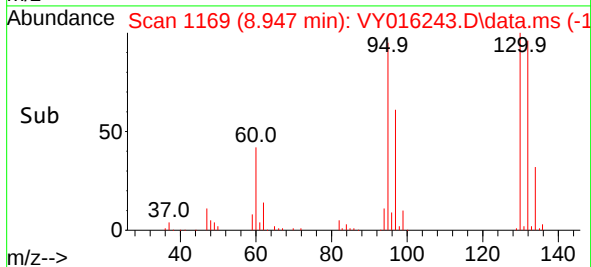
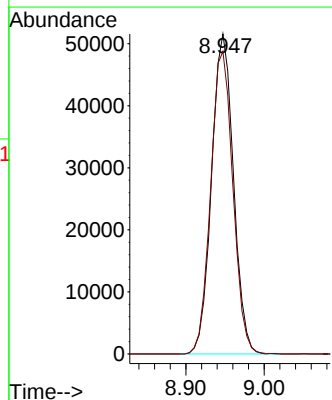
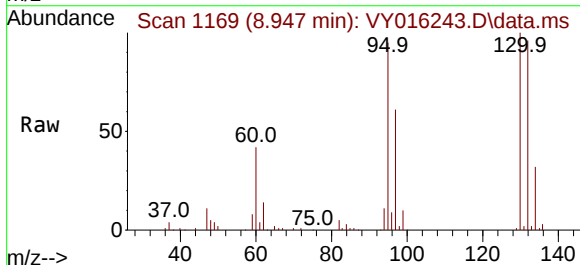
Manual Integrations
APPROVED

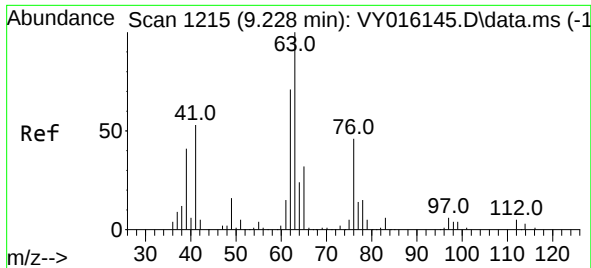
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 52.606 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion:130 Resp: 99918
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 55.535 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 86709

Ion Ratio Lower Upper

63 100

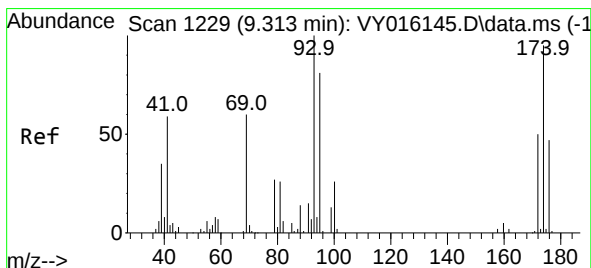
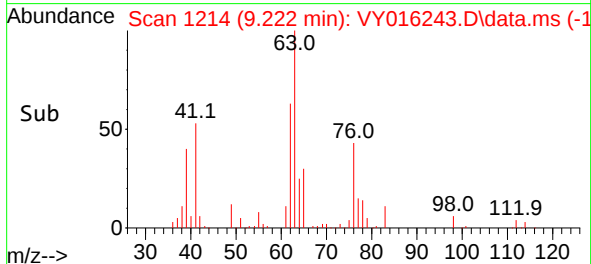
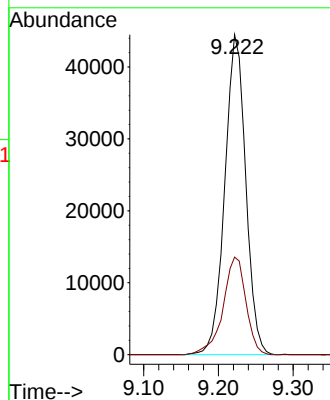
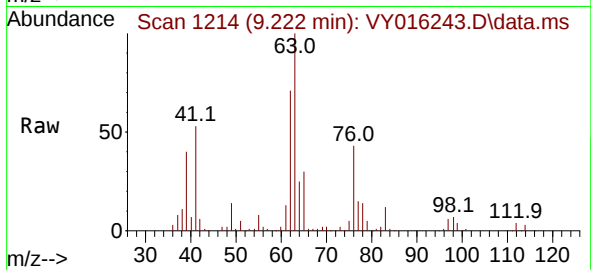
65 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#46

Dibromomethane

Concen: 51.853 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

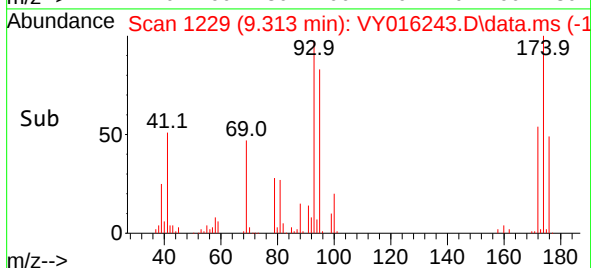
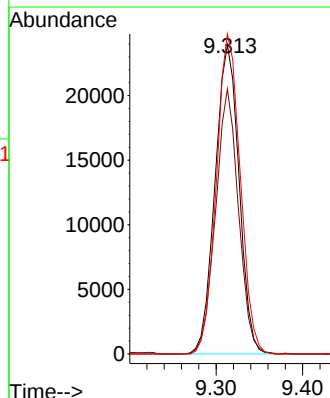
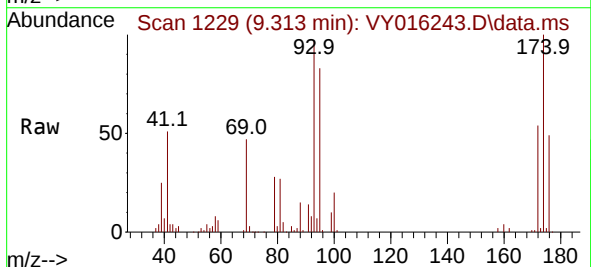
Tgt Ion: 93 Resp: 45927

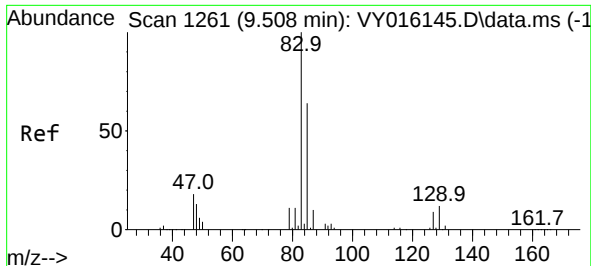
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 103.1 84.8 127.2





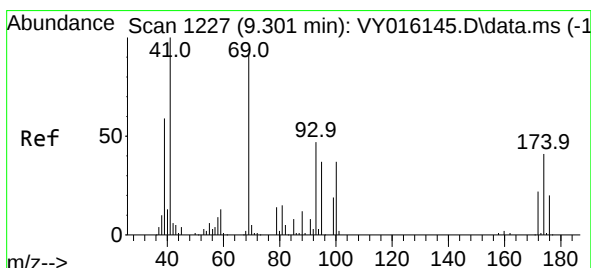
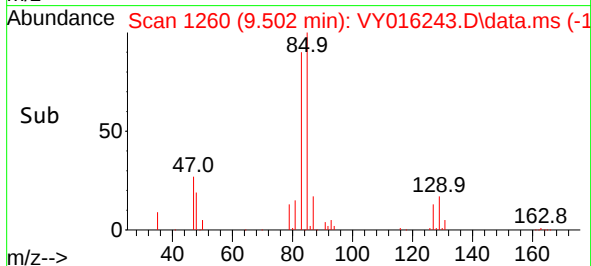
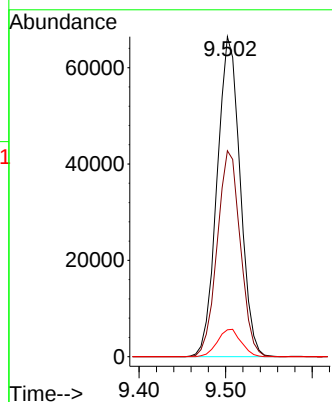
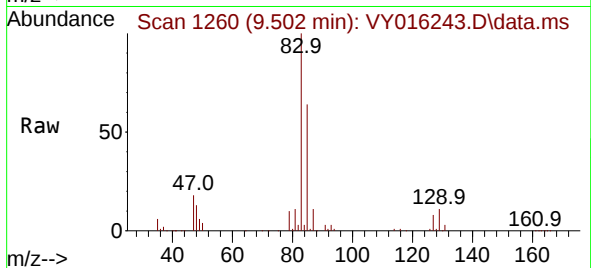
#47
Bromodichloromethane
Concen: 54.490 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12262
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.4 7.1 10.7

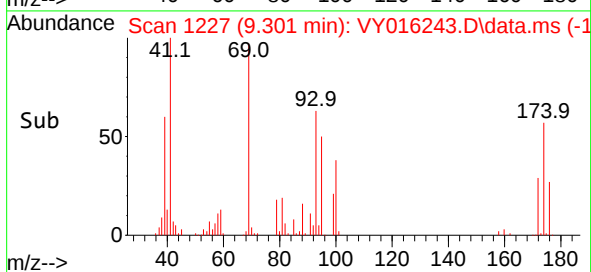
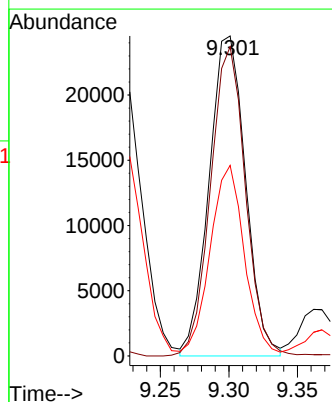
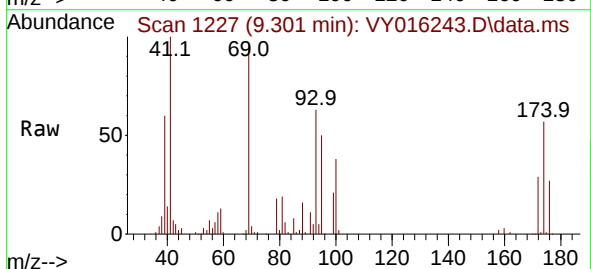
Manual Integrations
APPROVED

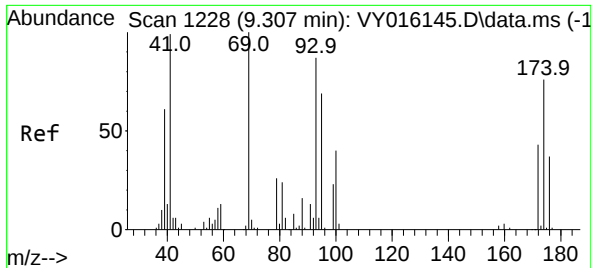
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#48
Methyl methacrylate
Concen: 50.098 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

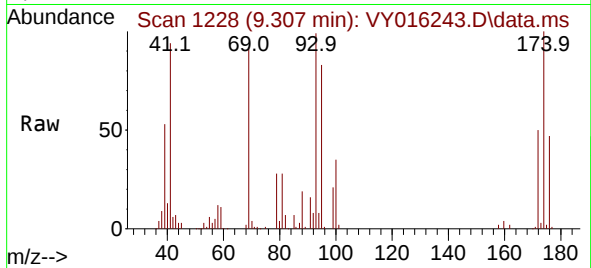
Tgt Ion: 41 Resp: 45375
Ion Ratio Lower Upper
41 100
69 93.0 64.5 96.7
39 53.9 50.8 76.2





#49
1,4-Dioxane
Concen: 953.515 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

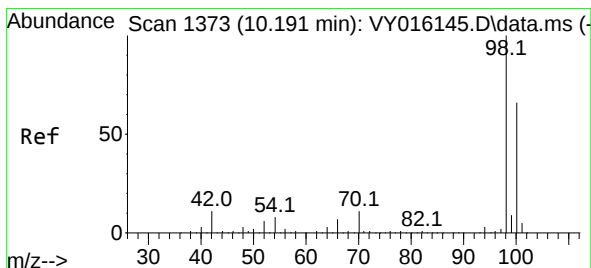
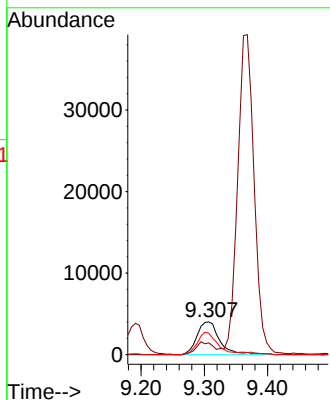
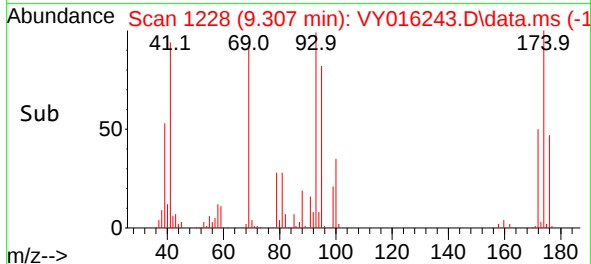
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 10104
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0
58 59.2 30.9 46.3

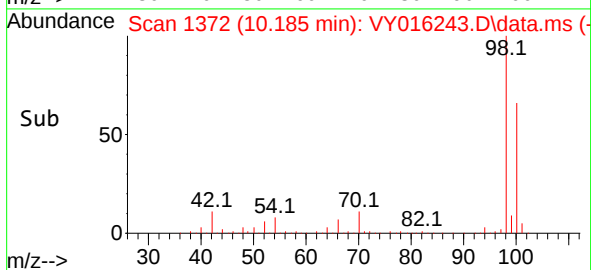
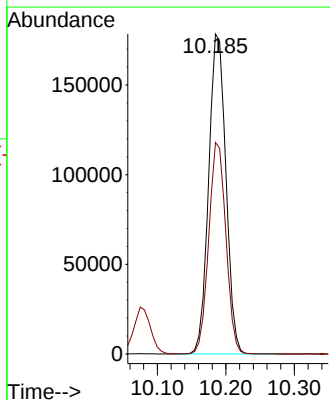
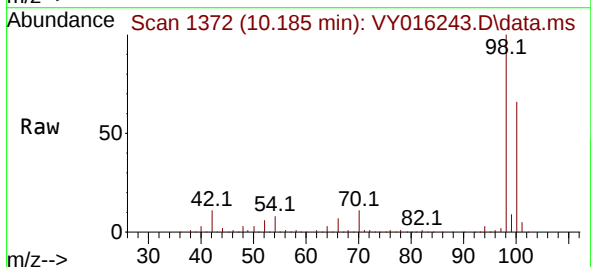
Manual Integrations
APPROVED

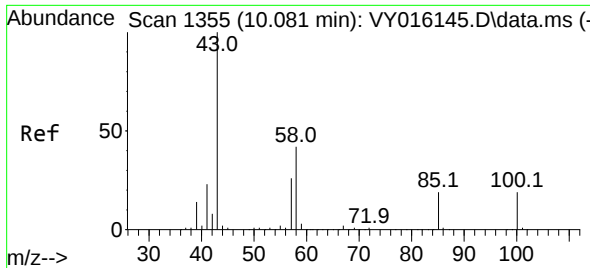
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#50
Toluene-d8
Concen: 50.195 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion: 98 Resp: 311582
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





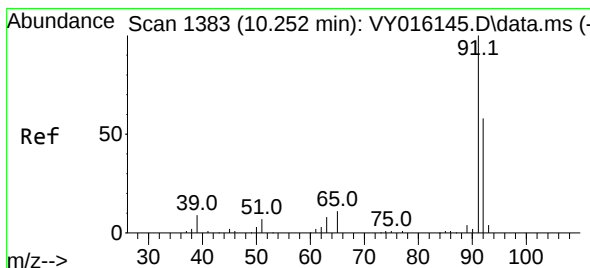
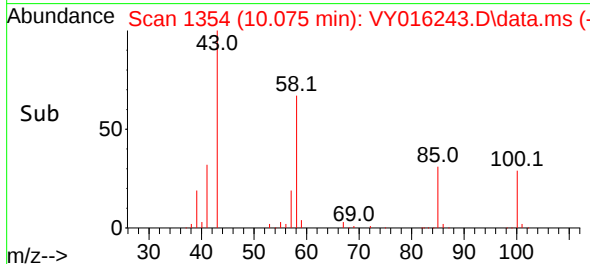
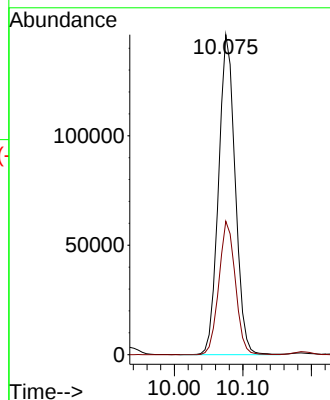
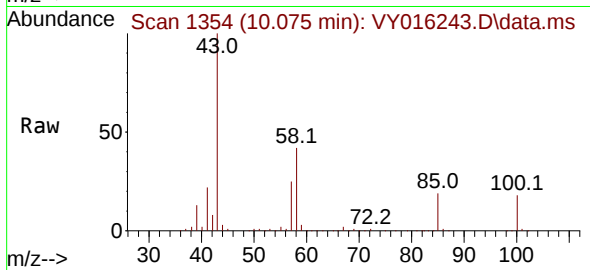
#51
4-Methyl-2-Pentanone
Concen: 246.861 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 245339
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6

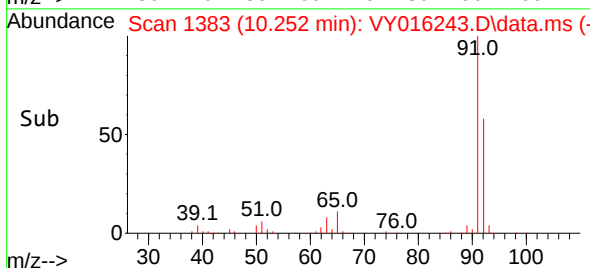
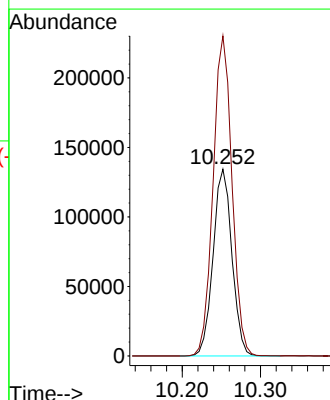
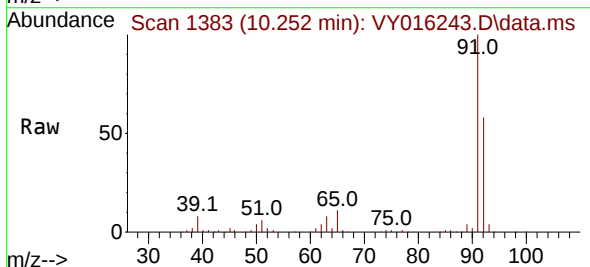
Manual Integrations
APPROVED

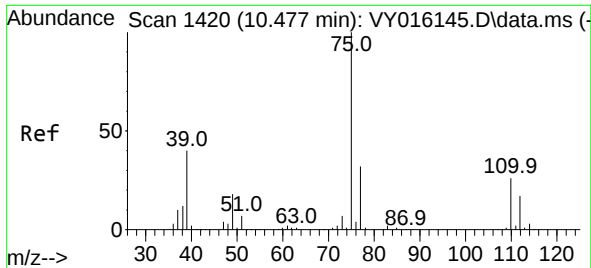
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 53.358 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

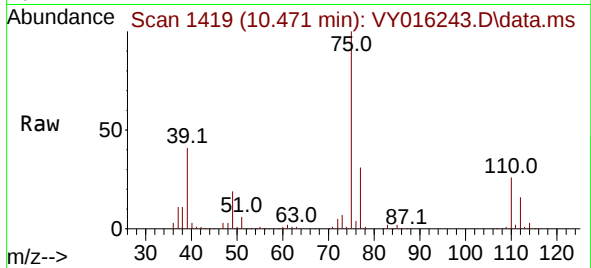
Tgt Ion: 92 Resp: 224412
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 52.937 ug/l
RT: 10.471 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

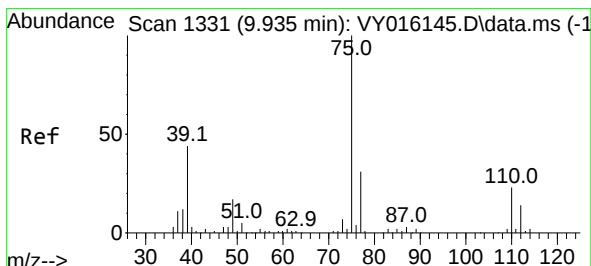
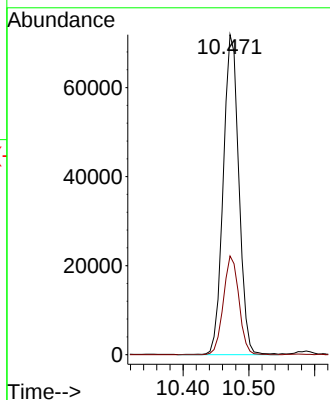
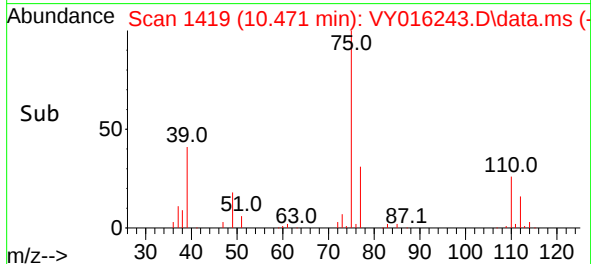
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 118924
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

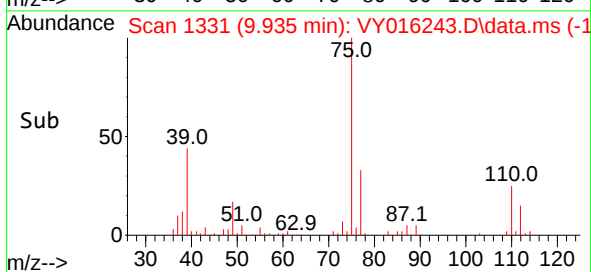
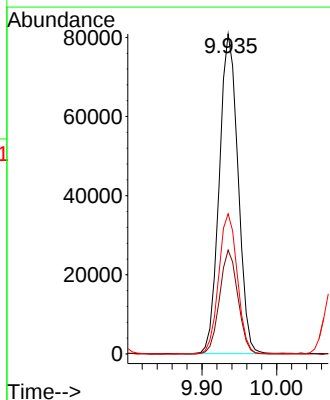
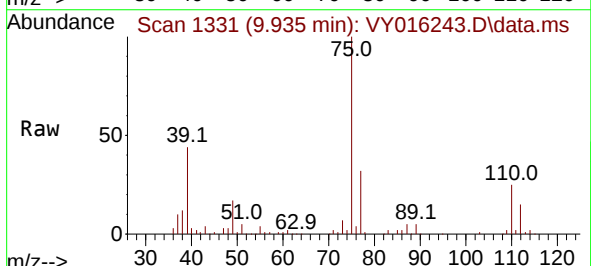
Manual Integrations
APPROVED

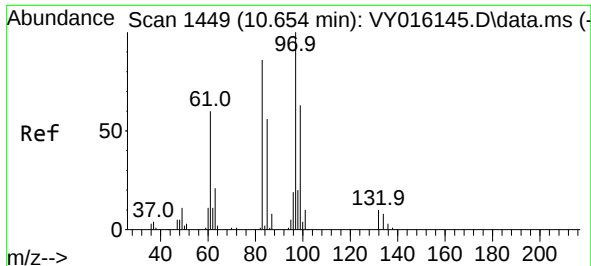
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#54
cis-1,3-Dichloropropene
Concen: 53.411 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

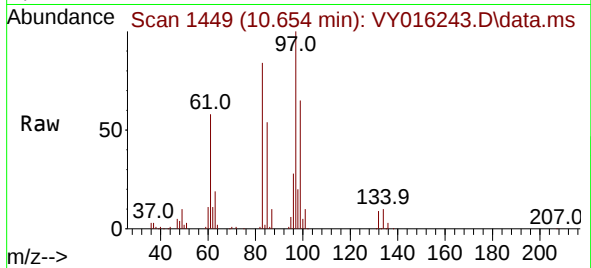
Tgt Ion: 75 Resp: 140796
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 43.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 52.300 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

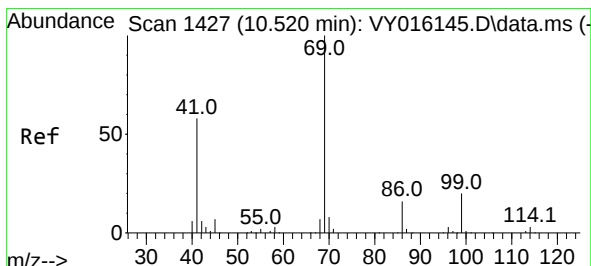
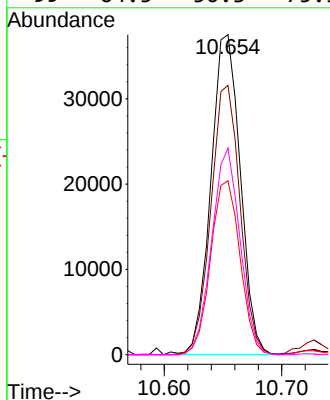
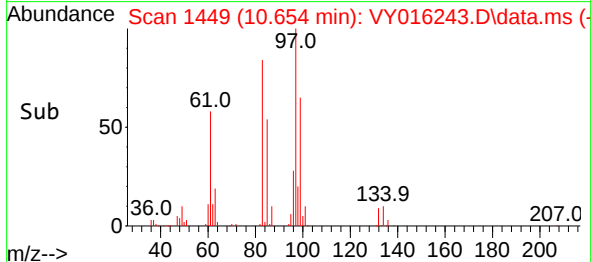
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



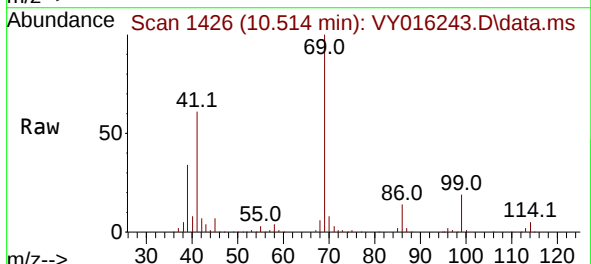
Tgt Ion:	97	Resp:	65160
Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.0	108.0
85	54.3	45.4	68.0
99	64.5	50.3	75.5

Manual Integrations
APPROVED

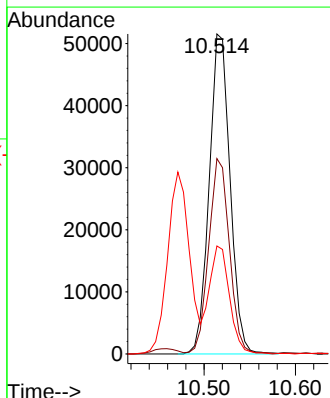
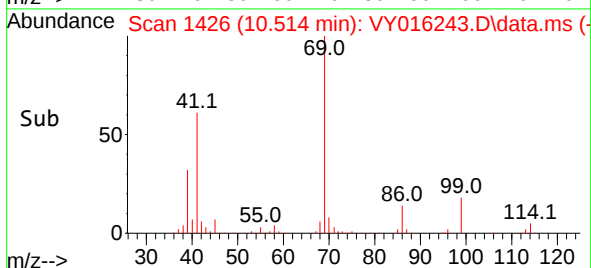
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

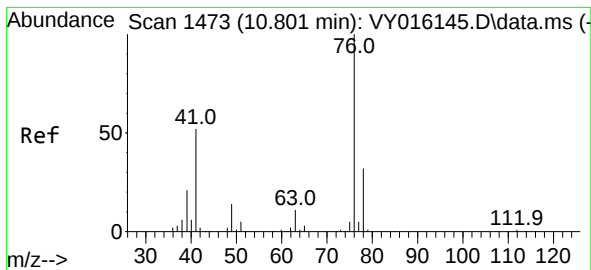


#56
Ethyl methacrylate
Concen: 50.516 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



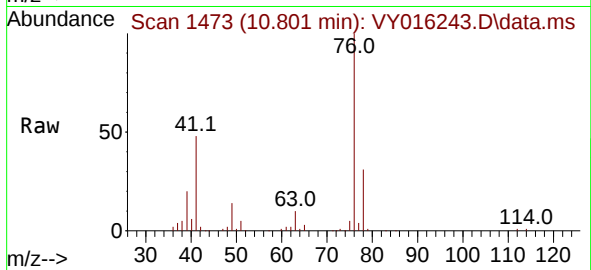
Tgt Ion:	69	Resp:	81736
Ion	Ratio	Lower	Upper
69	100		
41	60.4	57.6	86.4
39	33.0	34.1	51.1





#57
1,3-Dichloropropane
Concen: 51.611 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

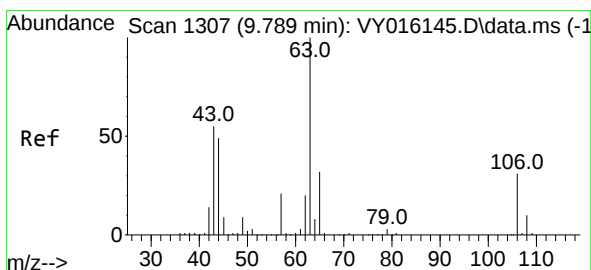
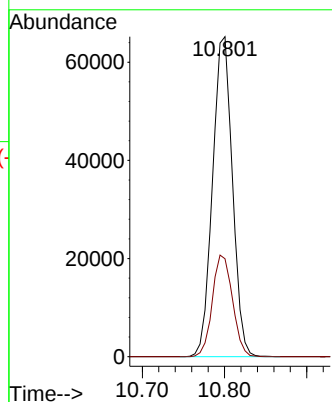
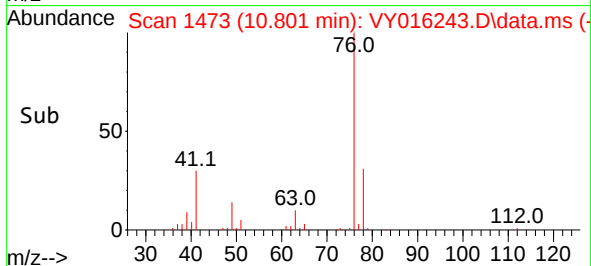
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 10946
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

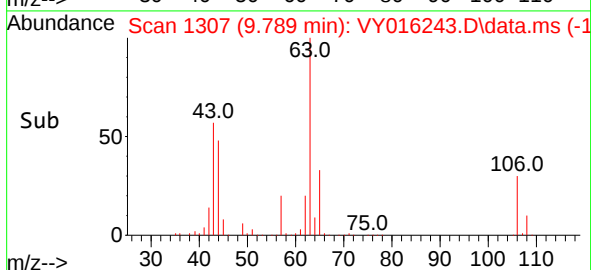
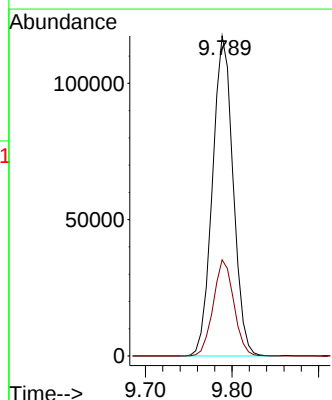
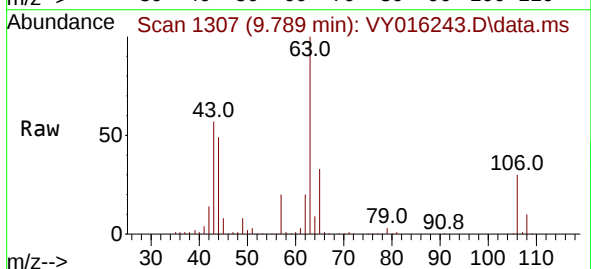
Manual Integrations
APPROVED

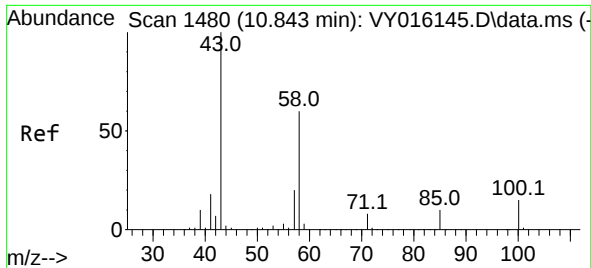
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 247.568 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion: 63 Resp: 194240
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8





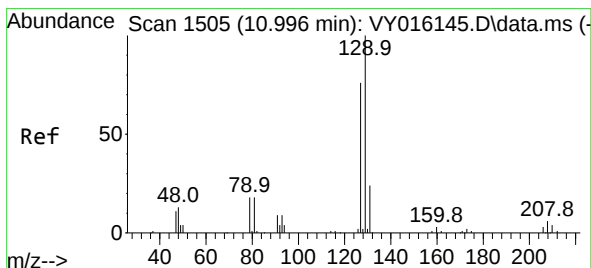
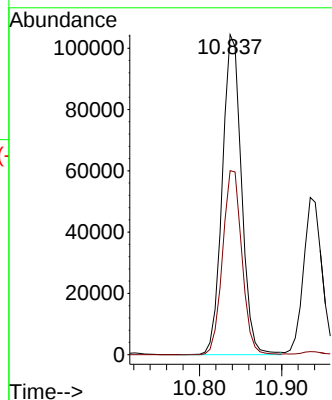
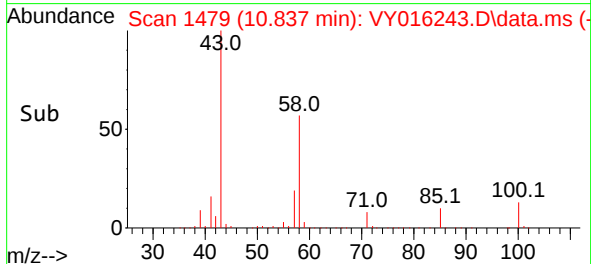
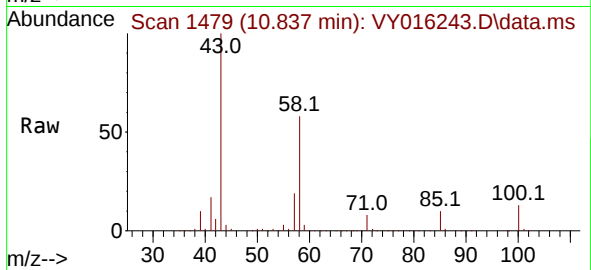
#59
2-Hexanone
Concen: 248.723 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 169390
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3

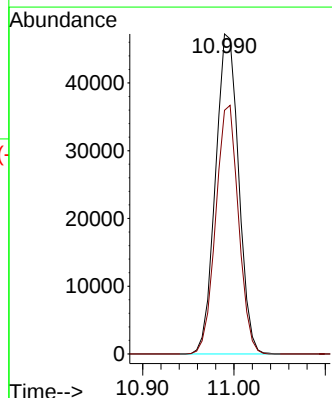
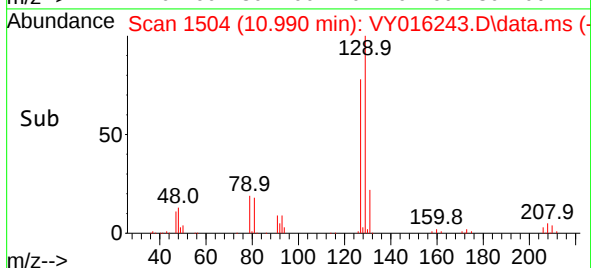
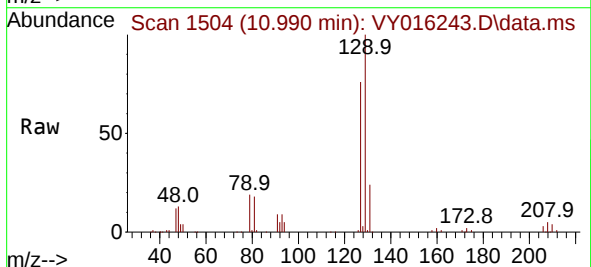
Manual Integrations
APPROVED

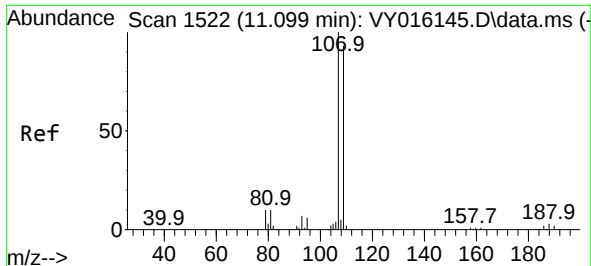
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 53.210 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

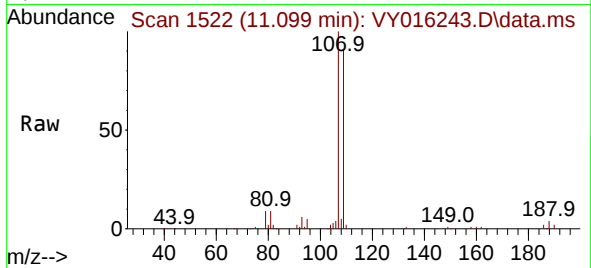
Tgt Ion:129 Resp: 83169
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.487 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

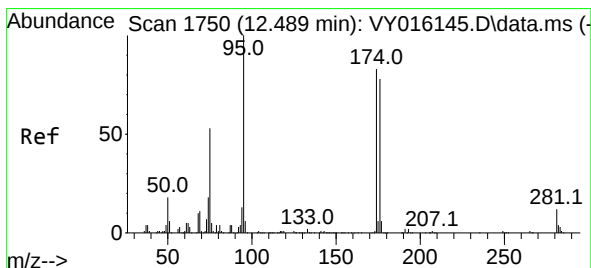
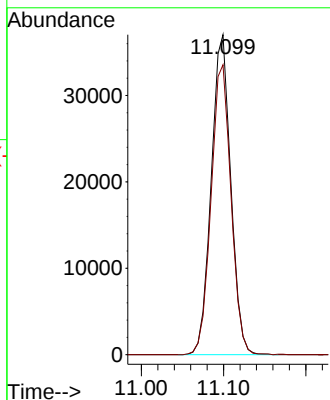
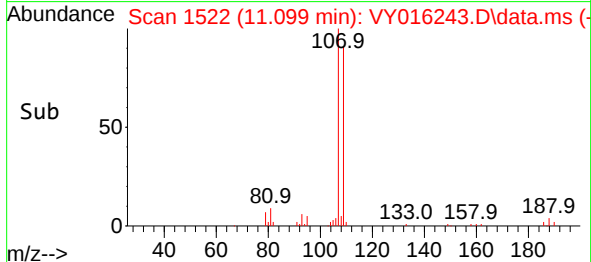
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



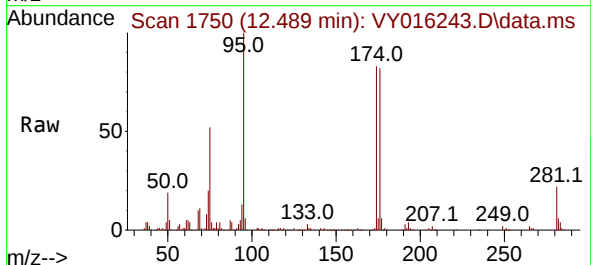
Tgt Ion:107 Resp: 61015
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

Manual Integrations
APPROVED

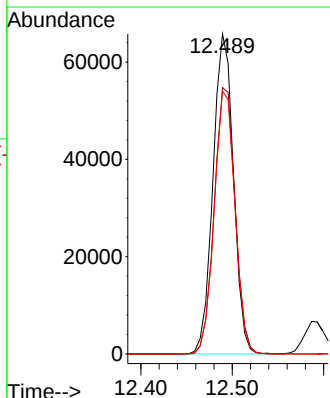
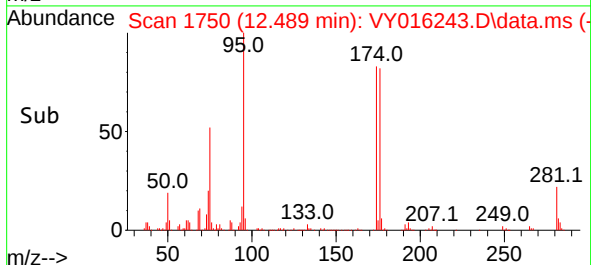
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

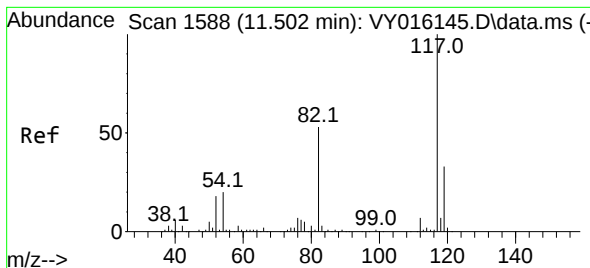


#62
4-Bromofluorobenzene
Concen: 48.106 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion: 95 Resp: 102110
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.5 0.0 173.8





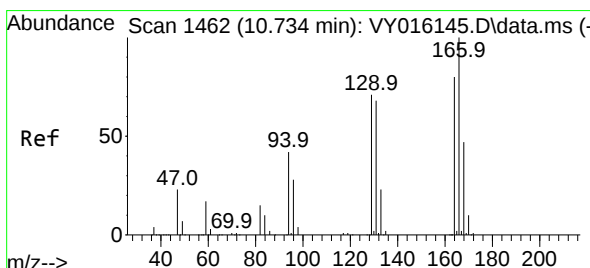
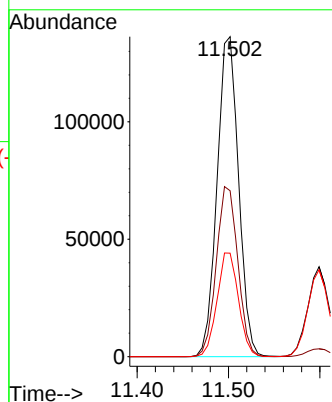
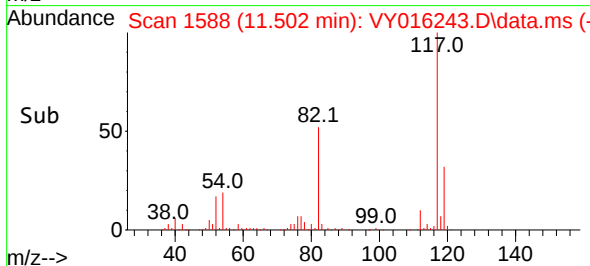
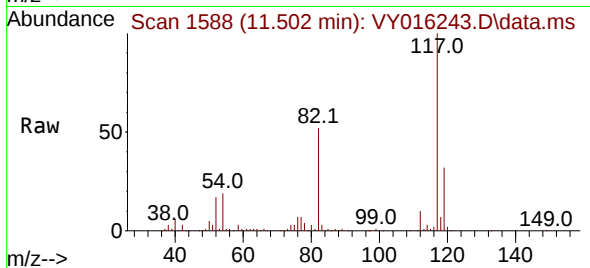
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 22296
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.4 26.3 39.5

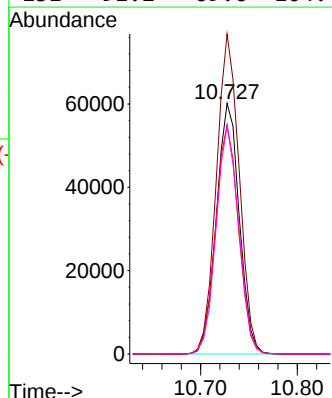
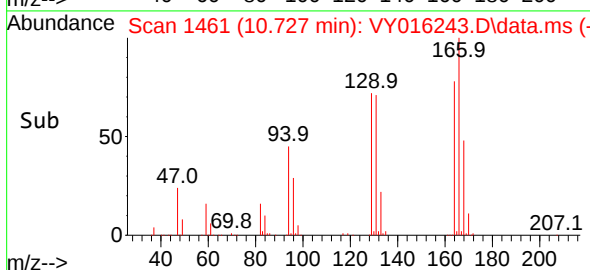
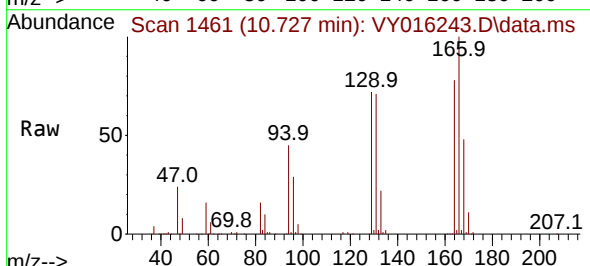
Manual Integrations
APPROVED

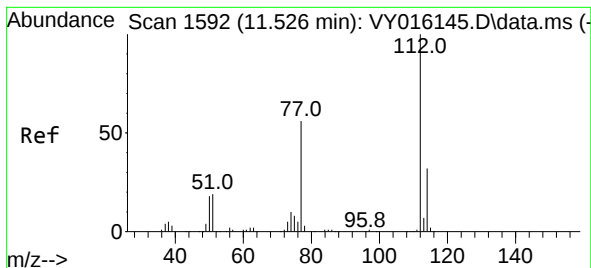
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 49.936 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion:164 Resp: 99036
Ion Ratio Lower Upper
164 100
166 127.7 103.0 154.6
129 91.4 77.2 115.8
131 91.2 69.6 104.4





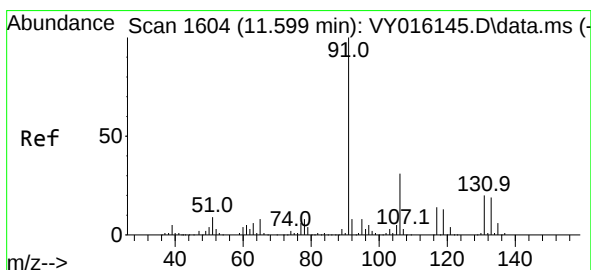
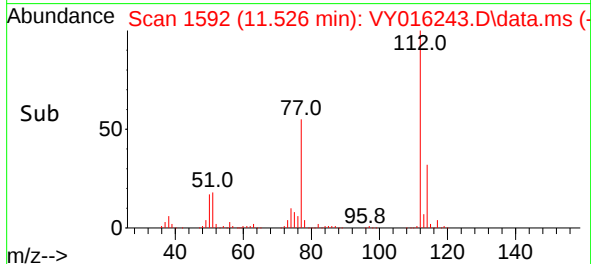
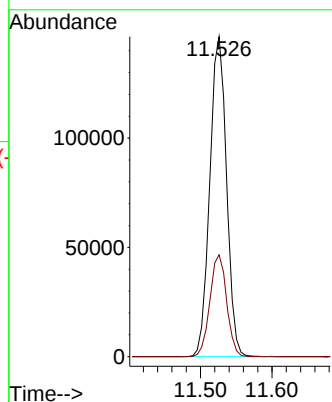
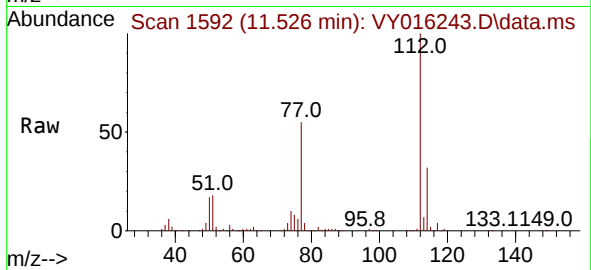
#65
Chlorobenzene
Concen: 53.668 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 237739
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

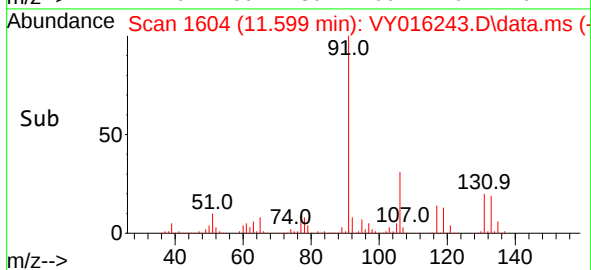
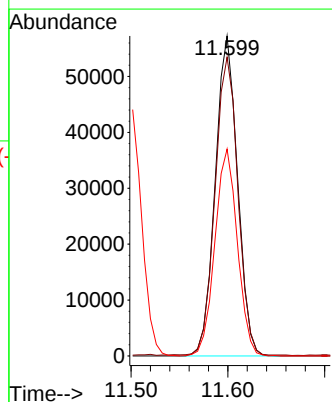
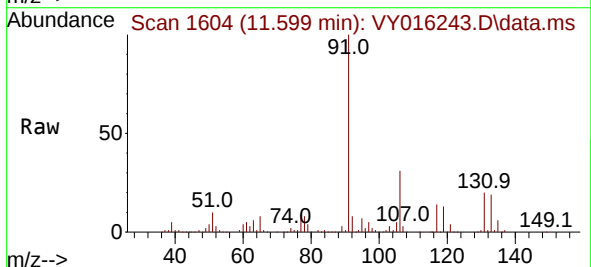
Manual Integrations
APPROVED

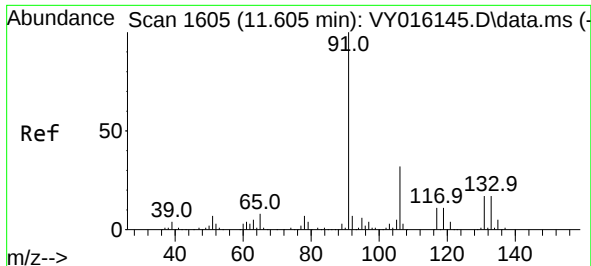
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.903 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion:131 Resp: 91724
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 54.845 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 434552

Ion Ratio Lower Upper

91 100

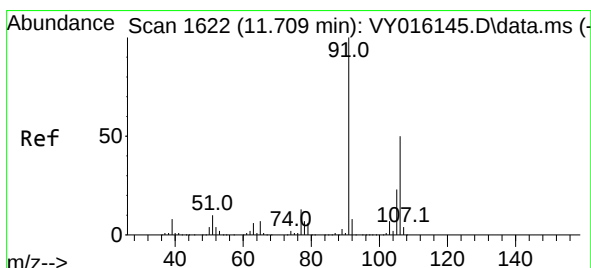
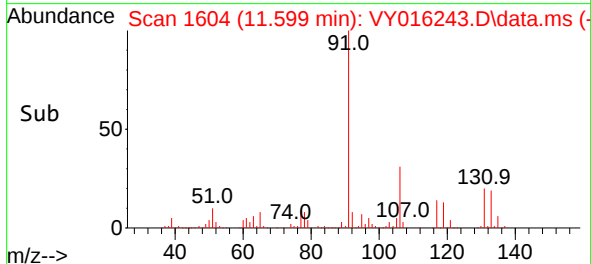
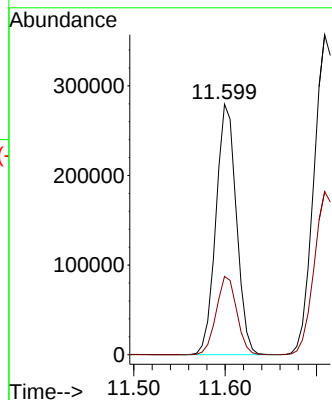
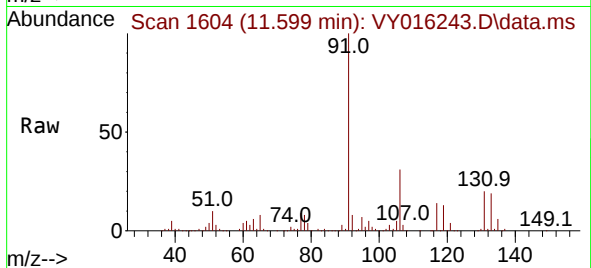
106 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#68

m/p-Xylenes

Concen: 108.837 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016243.D

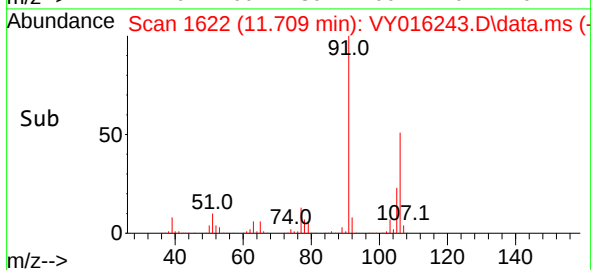
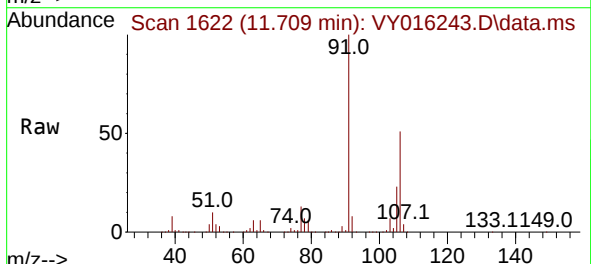
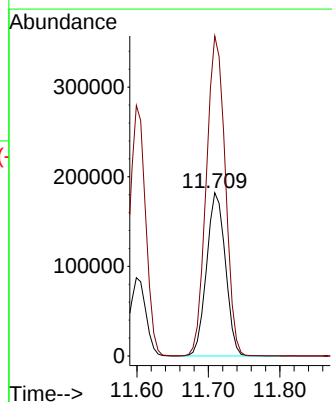
Acq: 07 Nov 2023 08:35

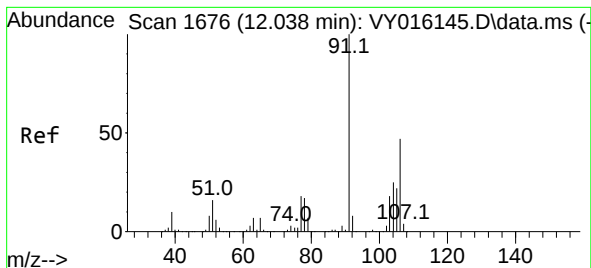
Tgt Ion:106 Resp: 333225

Ion Ratio Lower Upper

106 100

91 197.5 166.1 249.1





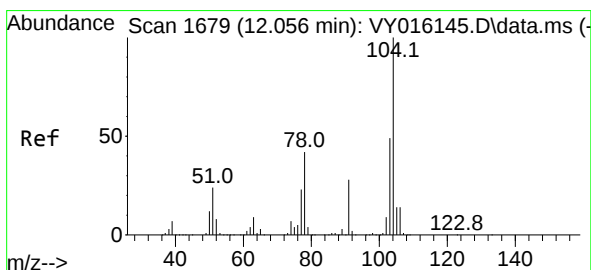
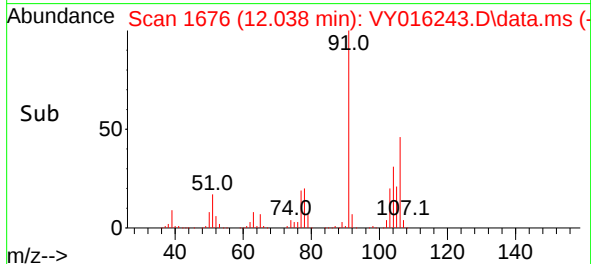
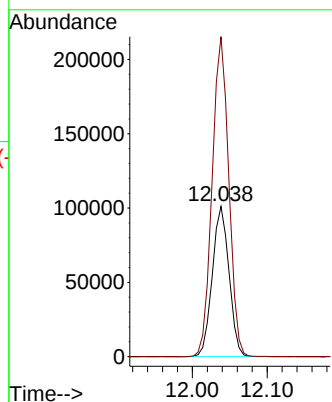
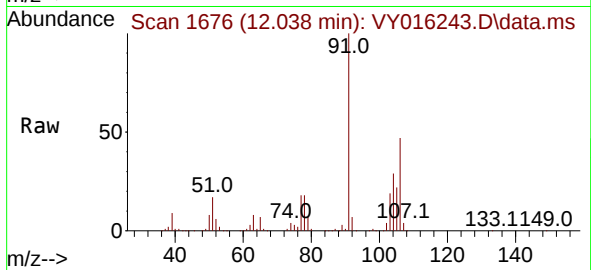
#69
o-Xylene
Concen: 53.713 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 157010
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3

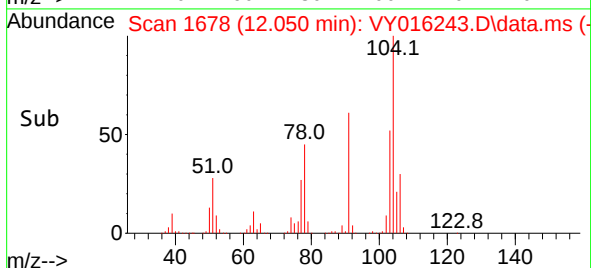
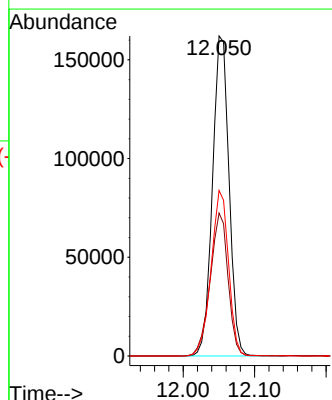
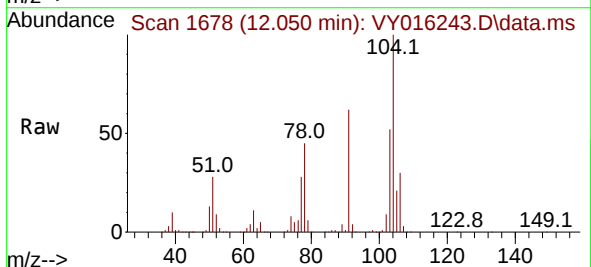
Manual Integrations
APPROVED

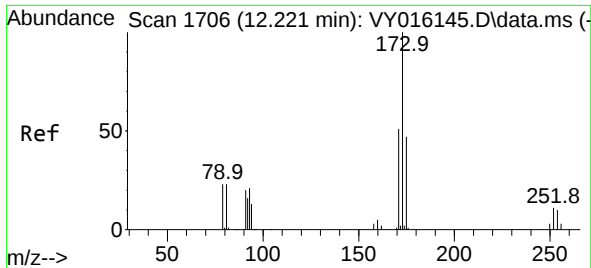
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 53.618 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

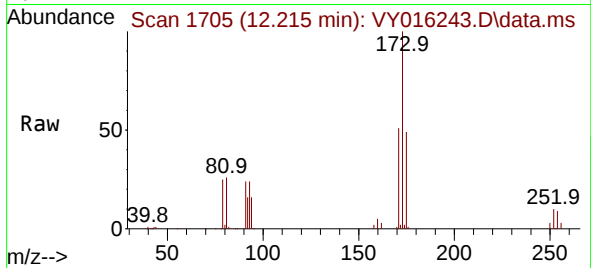
Tgt Ion:104 Resp: 260564
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 54.6 44.6 67.0





#71
Bromoform
Concen: 52.965 ug/l
RT: 12.215 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

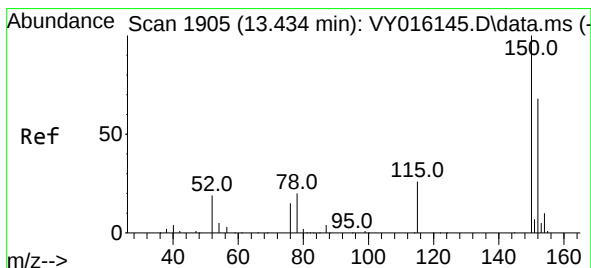
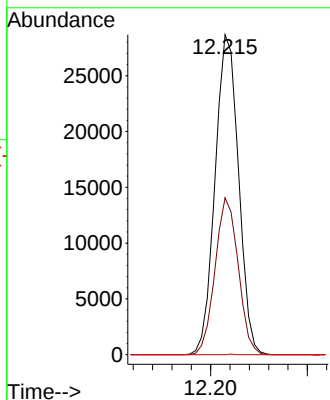
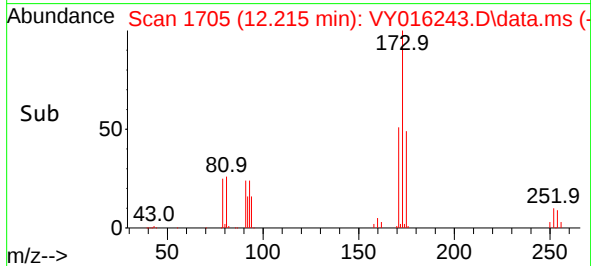
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 48210
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.2 0.2

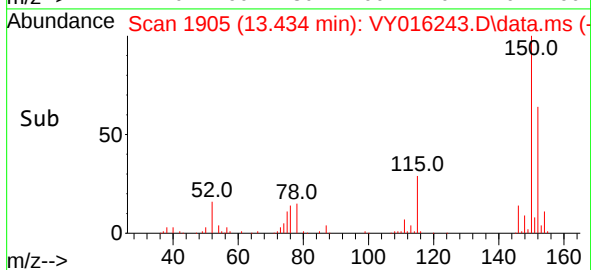
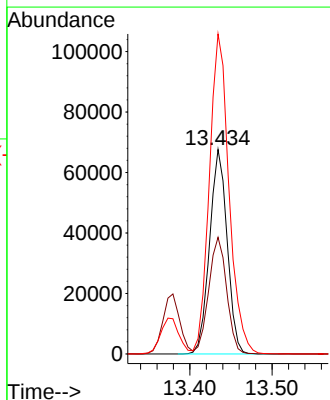
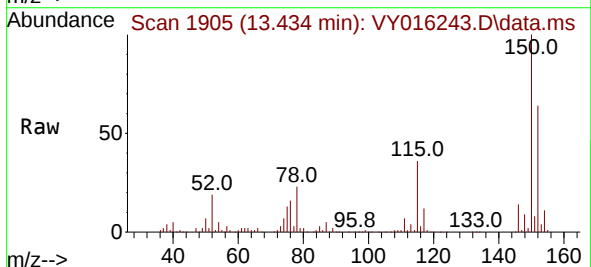
Manual Integrations
APPROVED

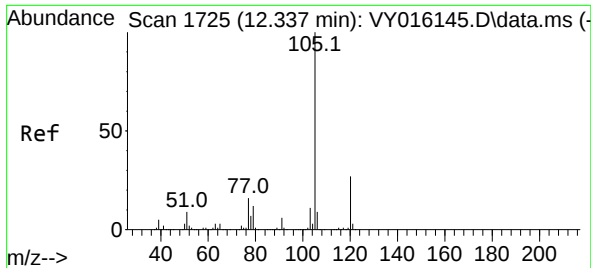
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion:152 Resp: 100419
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 174.9 0.0 348.8





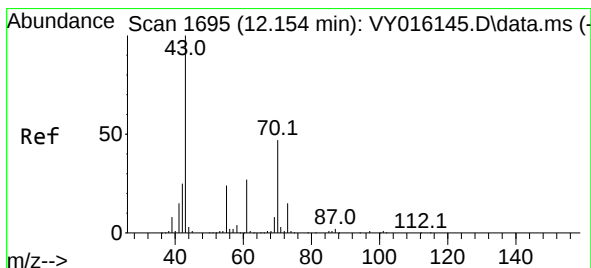
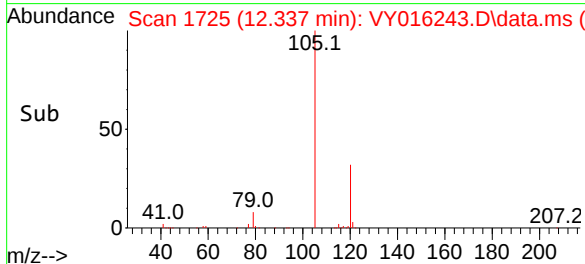
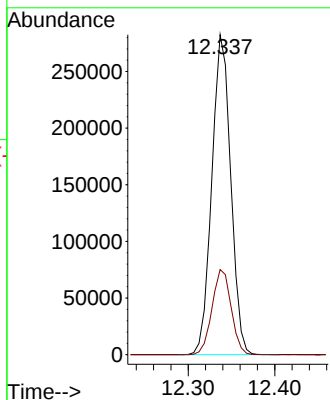
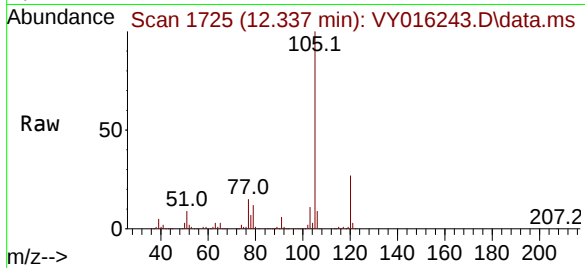
#73
Isopropylbenzene
Concen: 56.809 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 42792
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

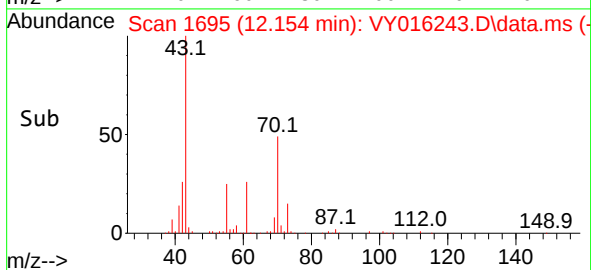
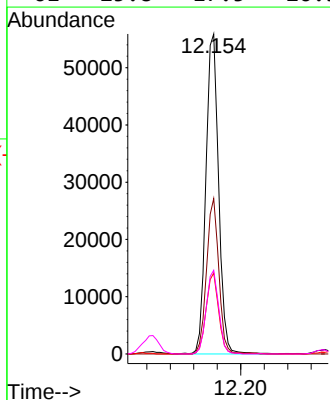
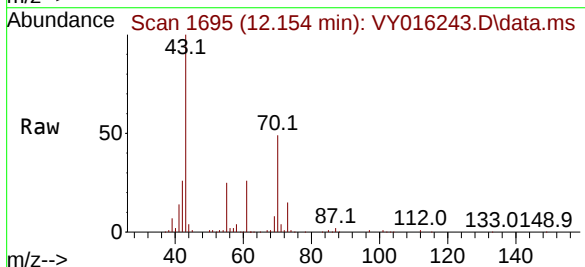
Manual Integrations
APPROVED

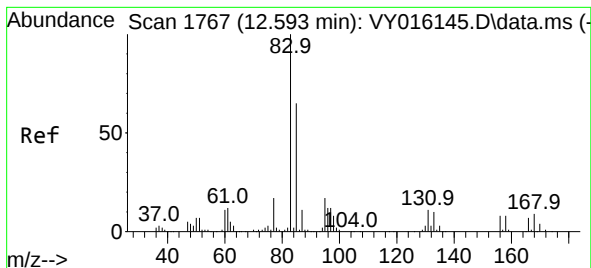
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#74
N-ethyl acetate
Concen: 51.310 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion: 43 Resp: 83990
Ion Ratio Lower Upper
43 100
70 46.9 29.7 44.5#
55 24.9 18.3 27.5
61 25.8 17.5 26.3





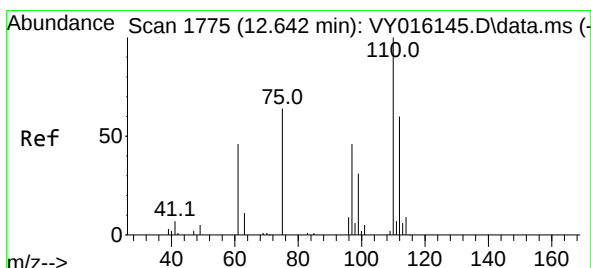
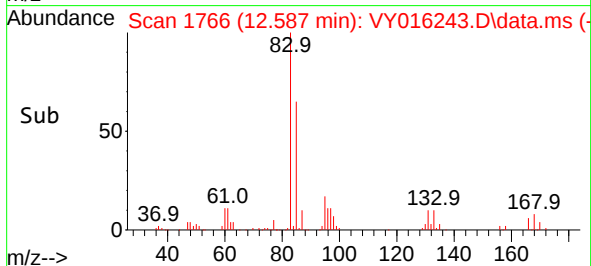
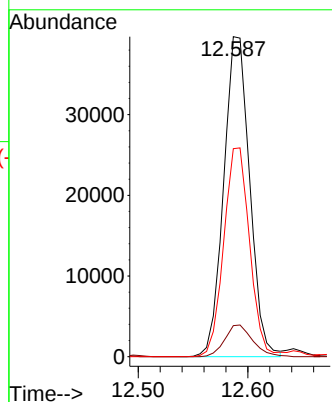
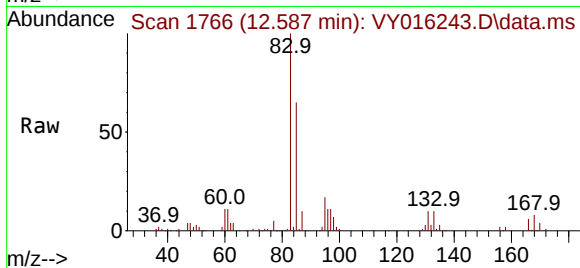
#75
1,1,2,2-Tetrachloroethane
Concen: 54.495 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 65320
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.2 31.8 95.4

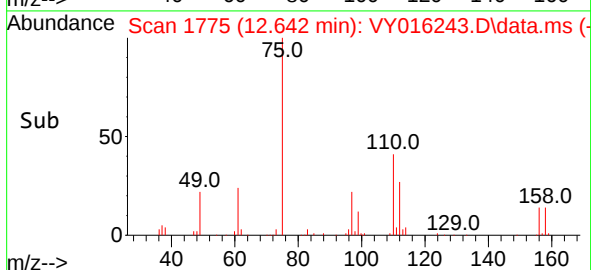
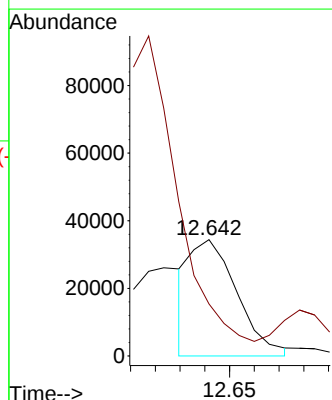
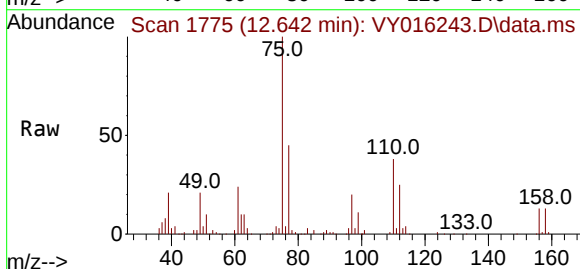
Manual Integrations
APPROVED

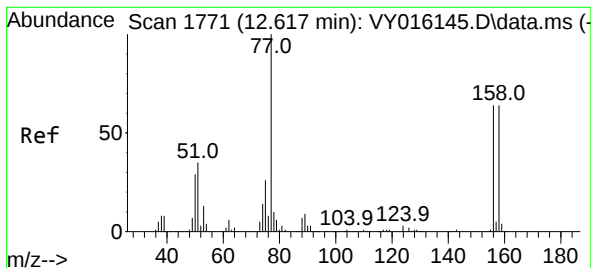
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 48.191 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion: 75 Resp: 45572
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.181 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

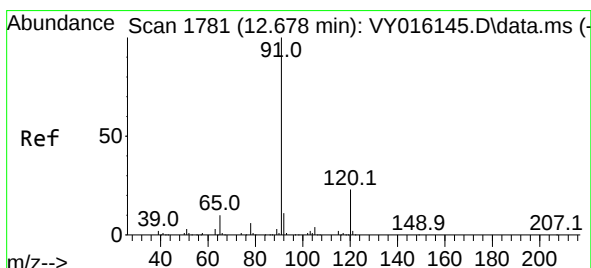
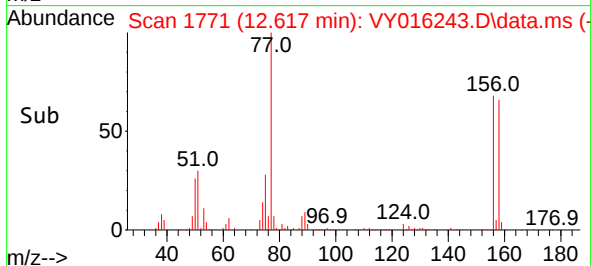
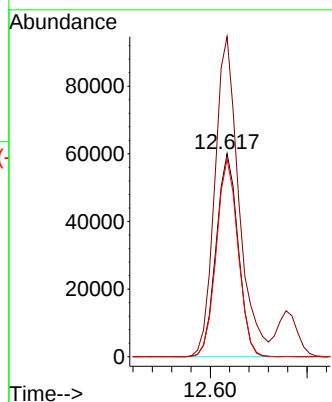
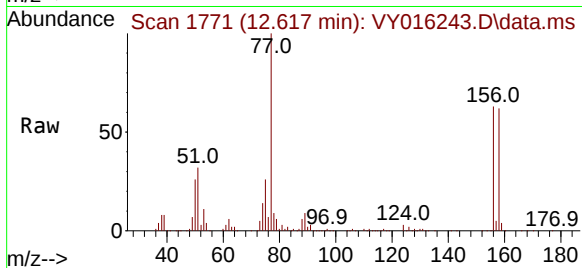
Tgt Ion:	156	Resp:	94119
Ion Ratio	Lower	Upper	
156	100		
77	173.7	92.8	278.6
158	96.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 56.979 ug/l

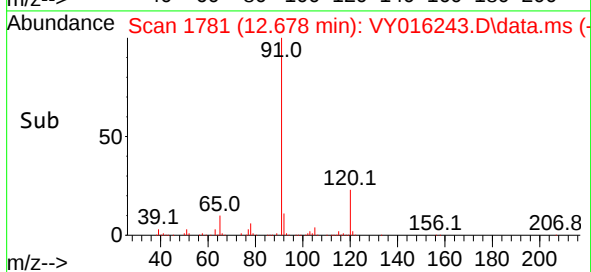
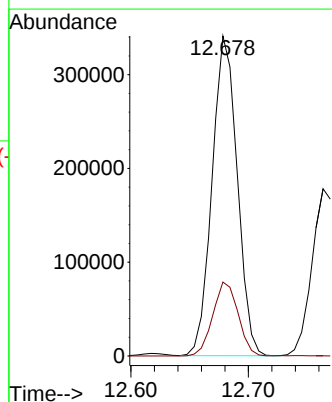
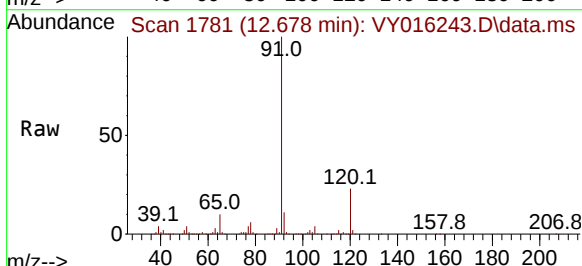
RT: 12.678 min Scan# 1781

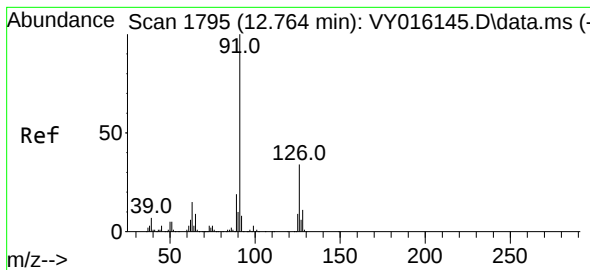
Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

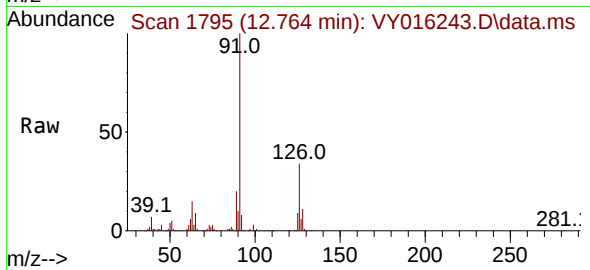
Tgt Ion:	91	Resp:	507431
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 56.262 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

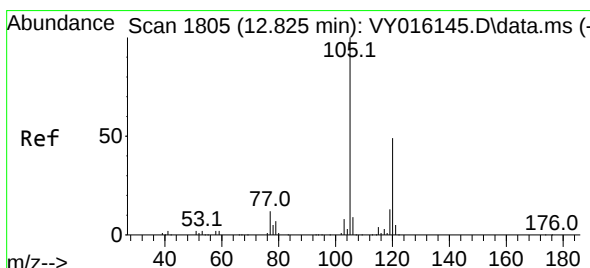
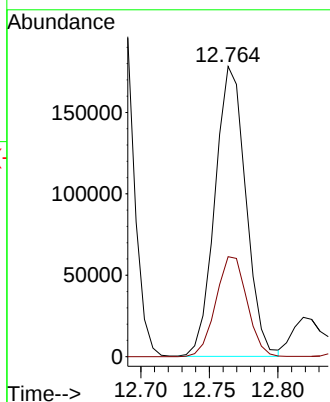
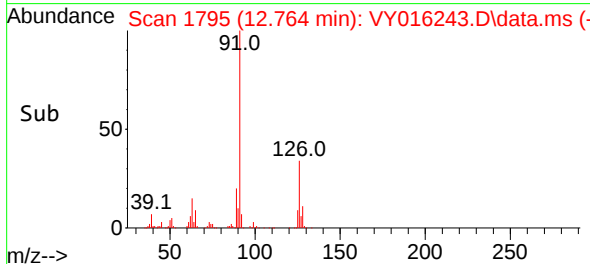
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



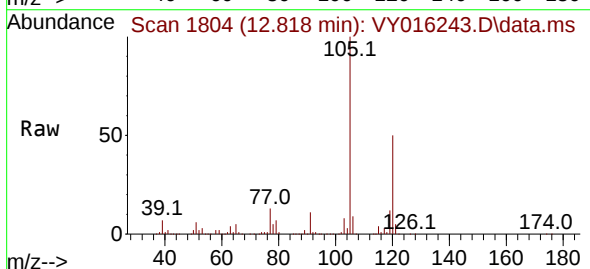
Tgt Ion: 91 Resp: 279456
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

Manual Integrations
APPROVED

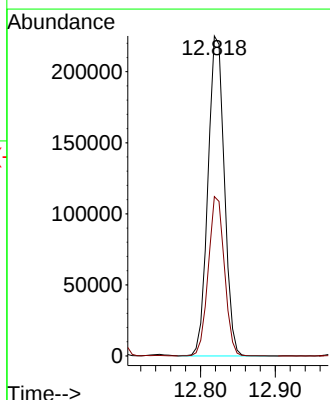
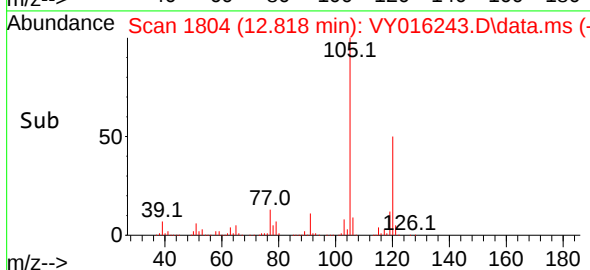
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

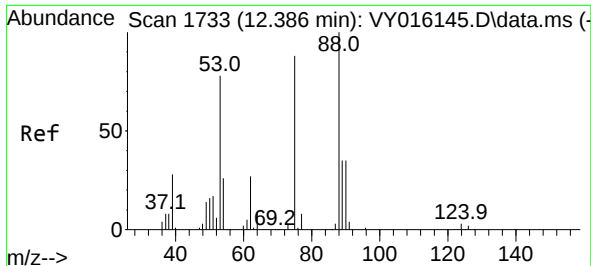


#80
1,3,5-Trimethylbenzene
Concen: 56.207 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion:105 Resp: 343018
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





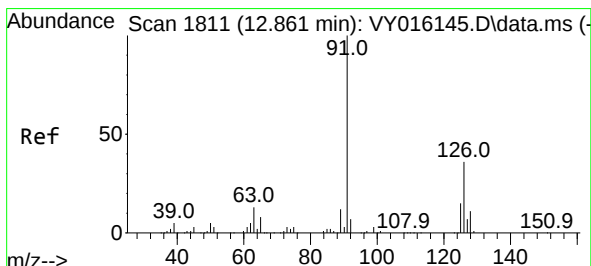
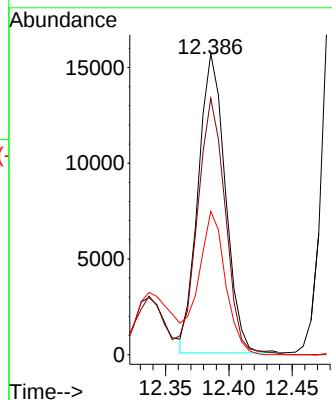
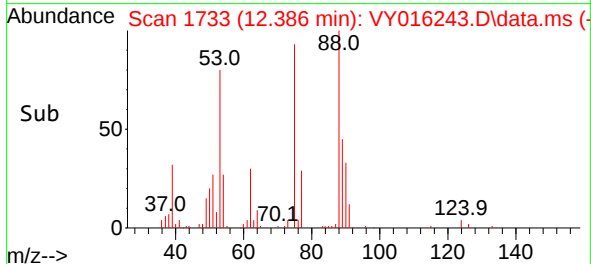
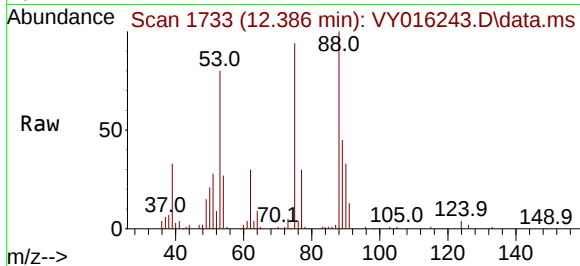
#81
trans-1,4-Dichloro-2-butene
Concen: 53.469 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 23320
Ion Ratio Lower Upper
75 100
53 88.4 77.8 116.8
89 48.1 37.4 56.0

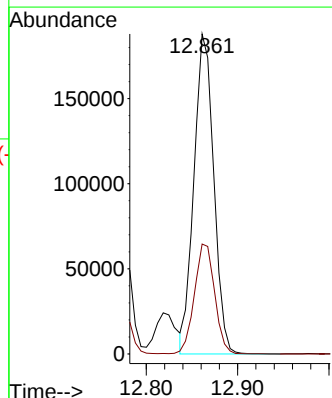
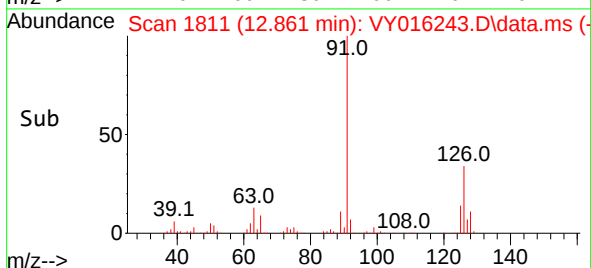
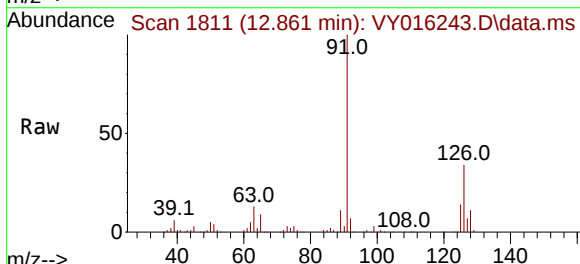
Manual Integrations
APPROVED

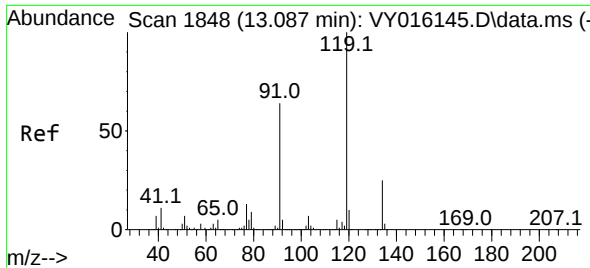
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 55.525 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

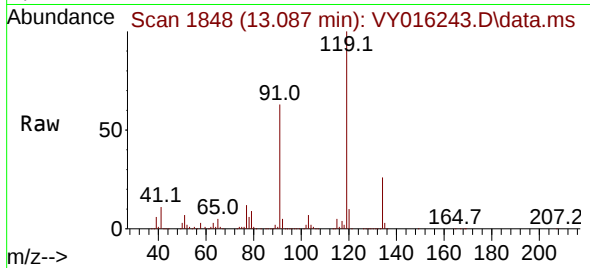
Tgt Ion: 91 Resp: 283208
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 57.489 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

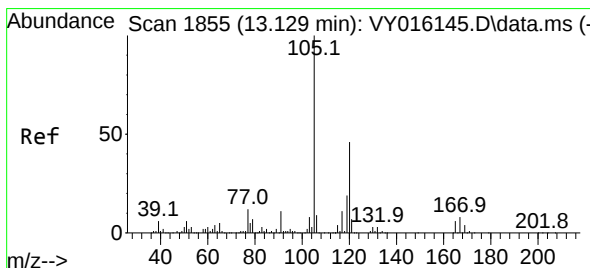
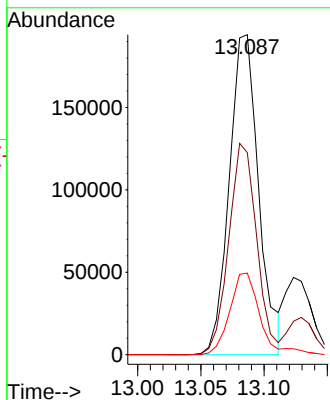
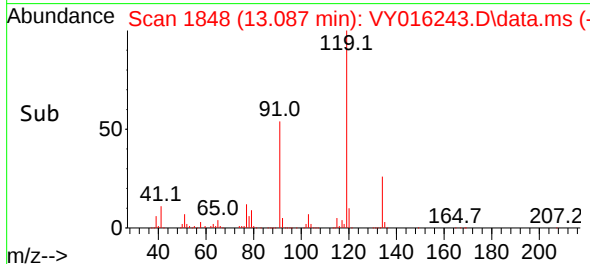
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



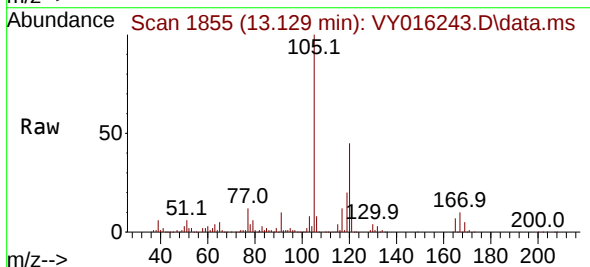
Tgt Ion:119 Resp: 313918
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 26.2 13.0 38.9

Manual Integrations
APPROVED

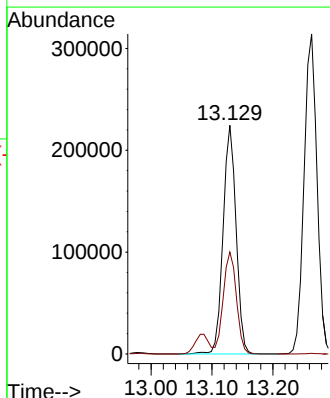
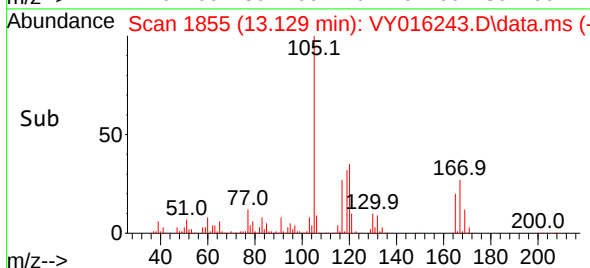
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

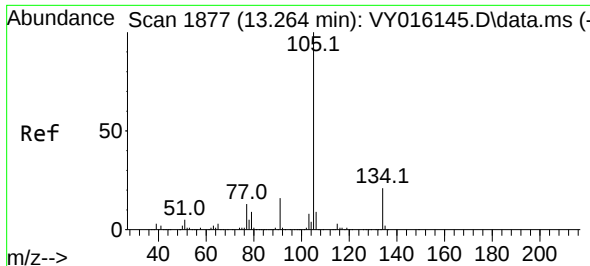


#84
1,2,4-Trimethylbenzene
Concen: 55.156 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion:105 Resp: 333067
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





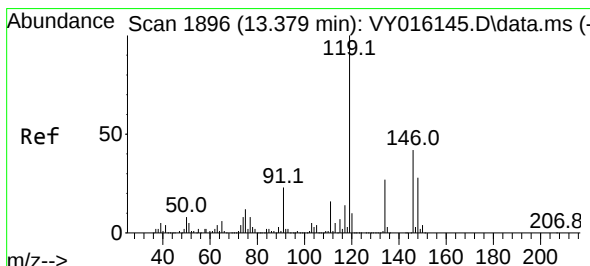
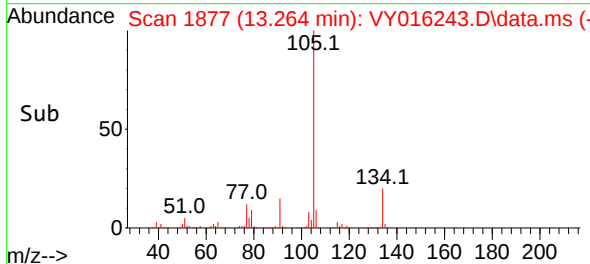
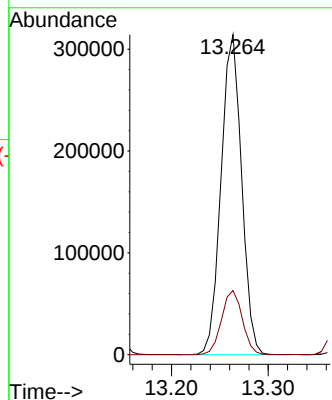
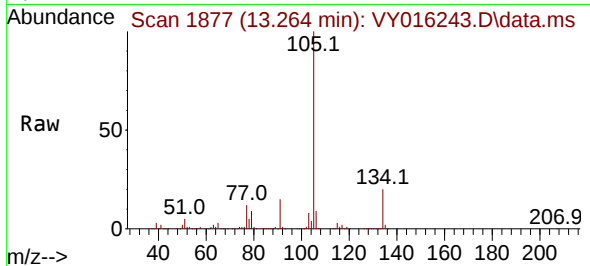
#85
 sec-Butylbenzene
 Concen: 57.644 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016243.D
 Acq: 07 Nov 2023 08:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 461989
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

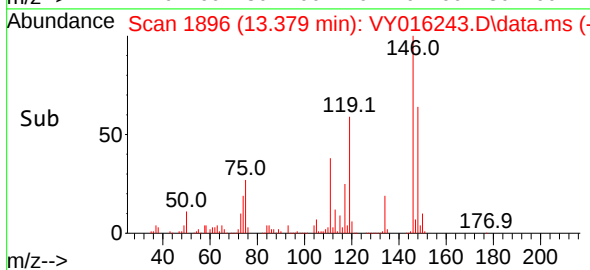
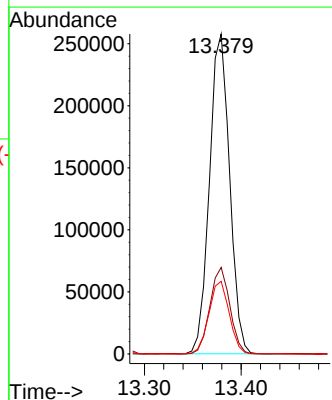
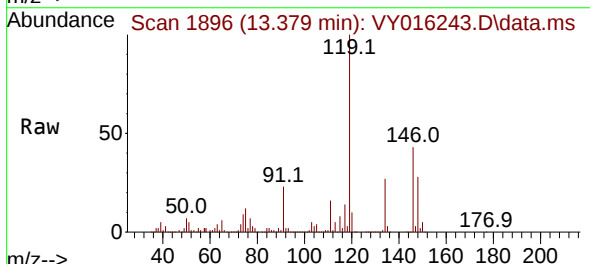
Manual Integrations
 APPROVED

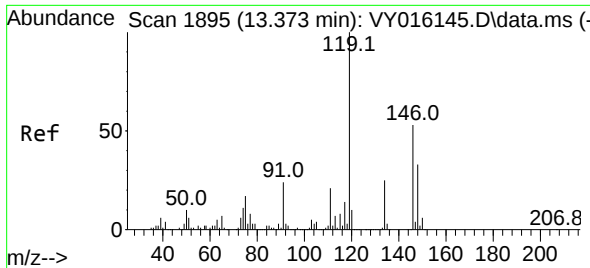
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#86
 p-Isopropyltoluene
 Concen: 56.185 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016243.D
 Acq: 07 Nov 2023 08:35

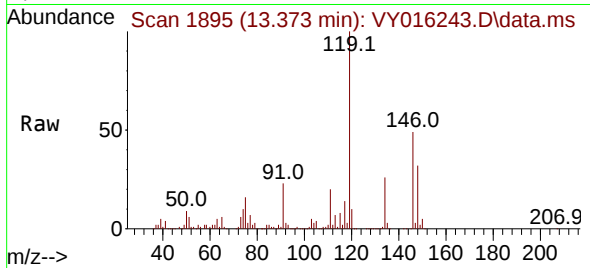
Tgt Ion:119 Resp: 373200
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 54.112 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

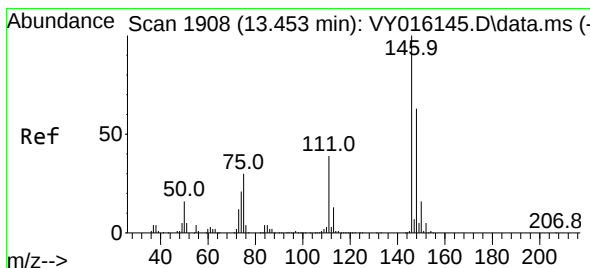
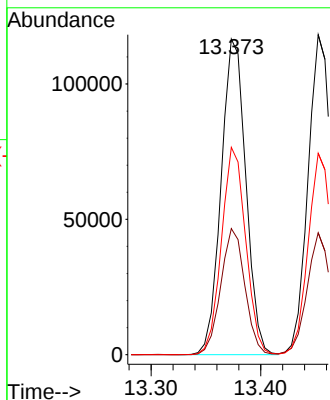
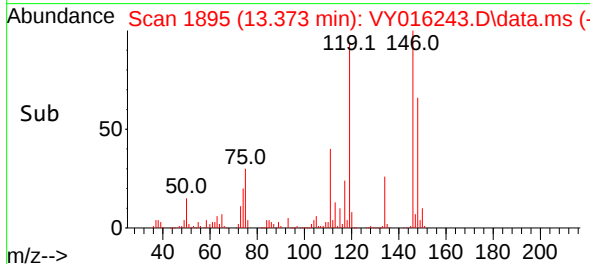
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



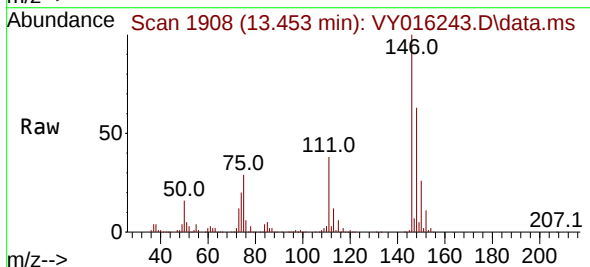
Tgt Ion:146 Resp: 182530
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 64.4 31.9 95.5

Manual Integrations
APPROVED

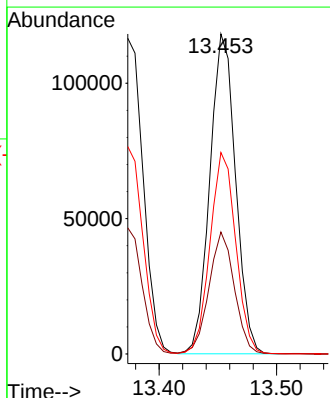
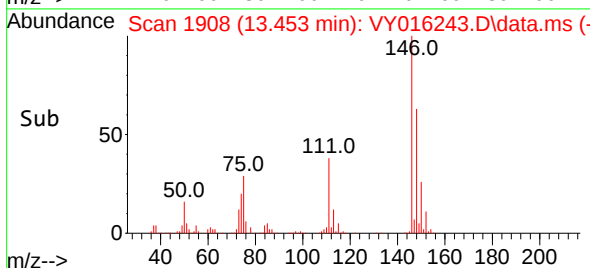
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

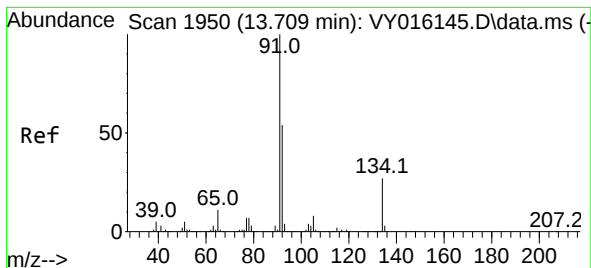


#88
1,4-Dichlorobenzene
Concen: 53.937 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion:146 Resp: 179829
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 56.020 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

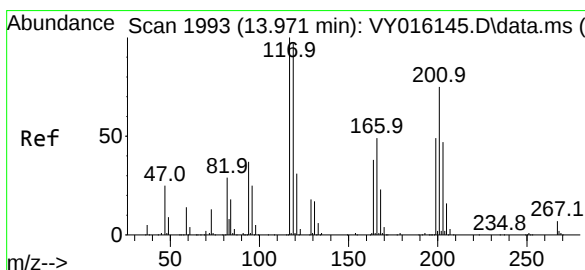
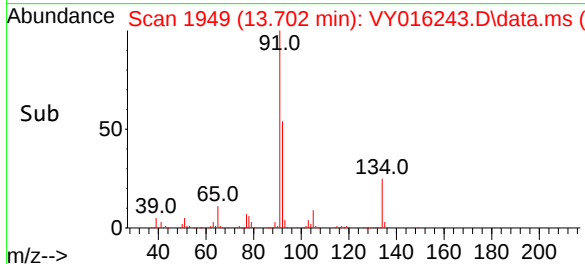
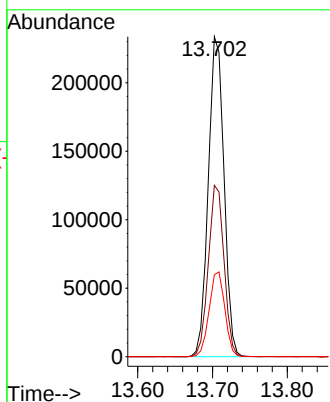
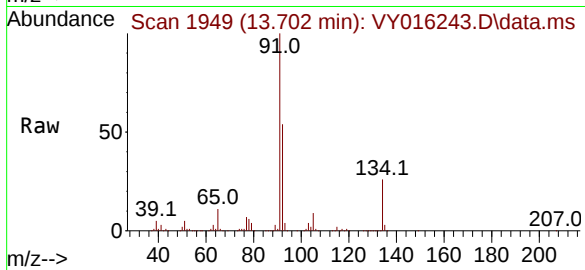
Tgt Ion:	91	Resp:	34190
Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.4	76.0
134	26.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 62.097 ug/l

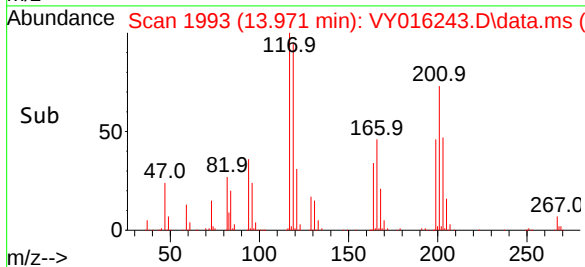
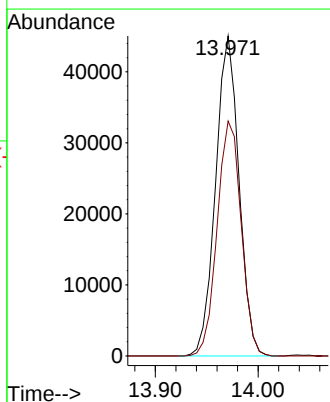
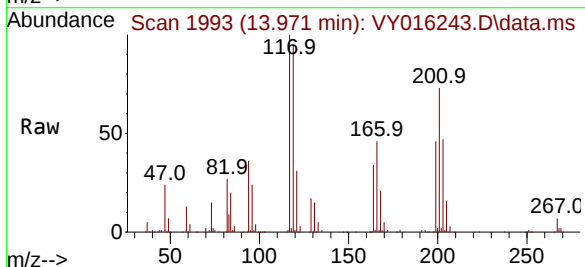
RT: 13.971 min Scan# 1993

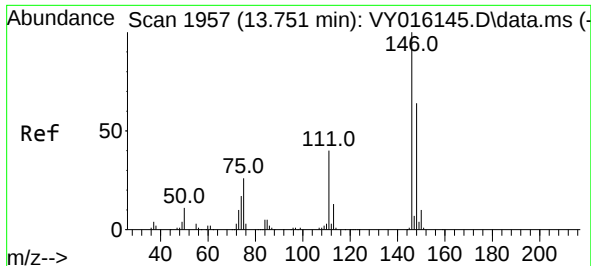
Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Tgt Ion:	117	Resp:	71081
Ion	Ratio	Lower	Upper
117	100		
201	75.5	41.6	124.8





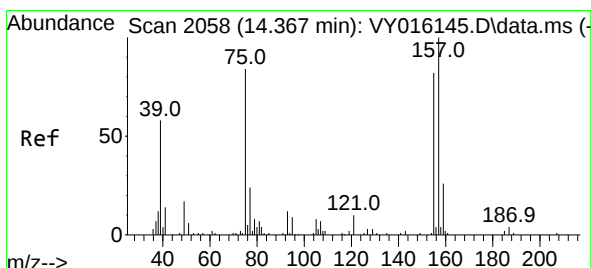
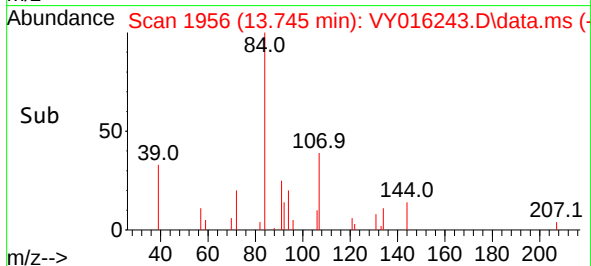
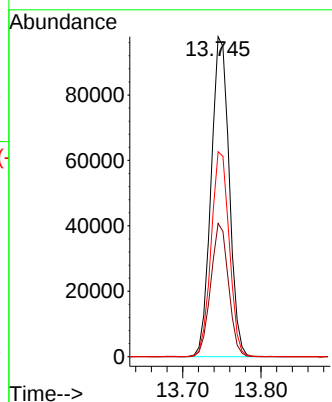
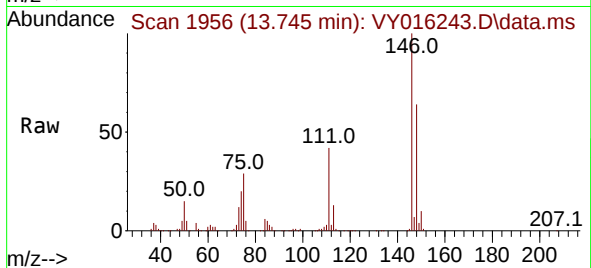
#91
1,2-Dichlorobenzene
Concen: 53.821 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 15686
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 64.0 32.0 96.2

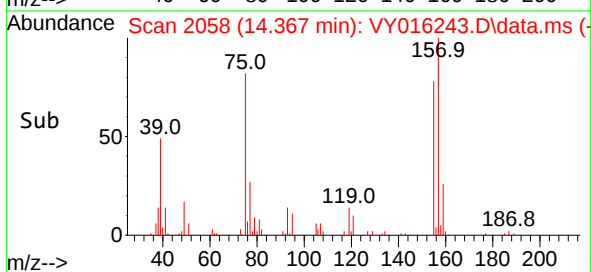
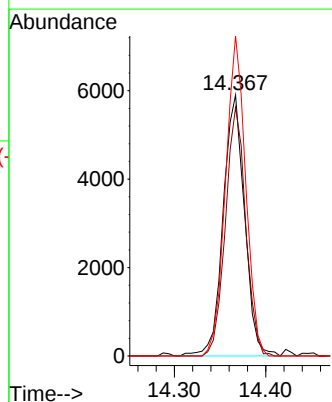
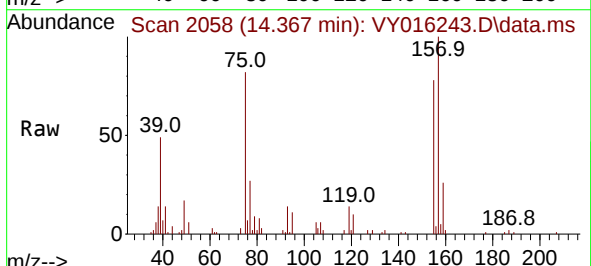
Manual Integrations
APPROVED

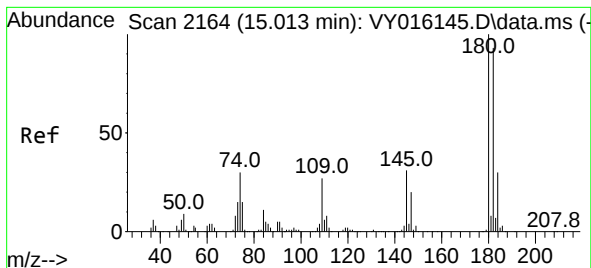
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.789 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

Tgt Ion: 75 Resp: 9608
Ion Ratio Lower Upper
75 100
155 90.0 41.5 124.6
157 115.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.486 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

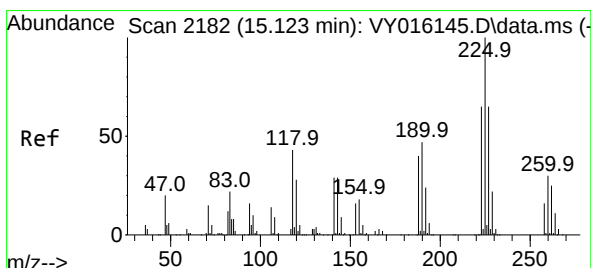
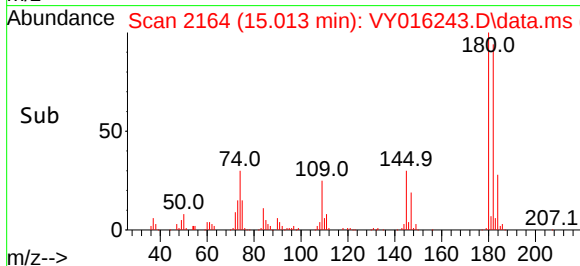
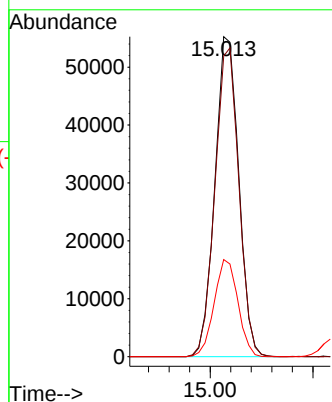
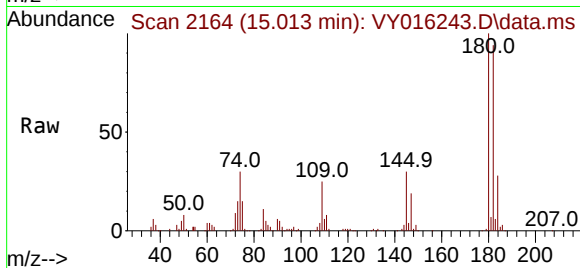
Tgt Ion:180	Resp:	8902
Ion Ratio	Lower	Upper
180	100	
182	96.7	47.0 141.2
145	30.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#94

Hexachlorobutadiene

Concen: 51.790 ug/l

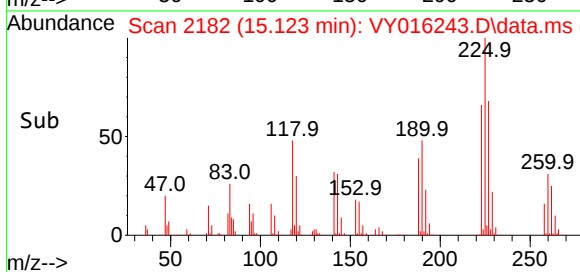
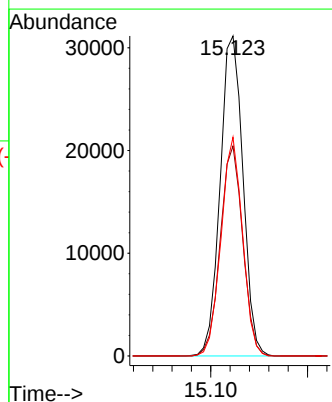
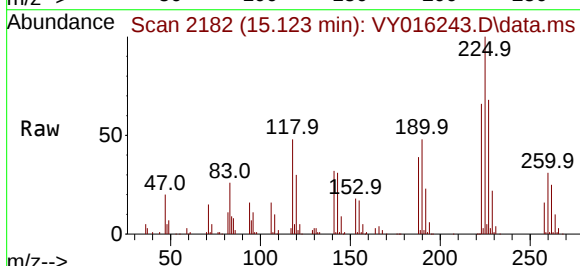
RT: 15.123 min Scan# 2182

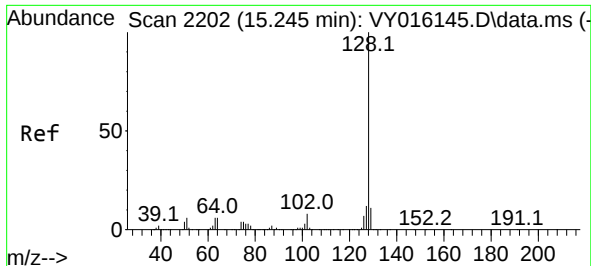
Delta R.T. -0.000 min

Lab File: VY016243.D

Acq: 07 Nov 2023 08:35

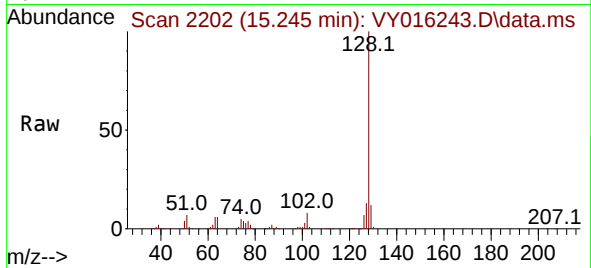
Tgt Ion:225	Resp:	50910
Ion Ratio	Lower	Upper
225	100	
223	64.6	31.9 95.9
227	64.4	33.0 98.9





#95
Naphthalene
Concen: 43.735 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35

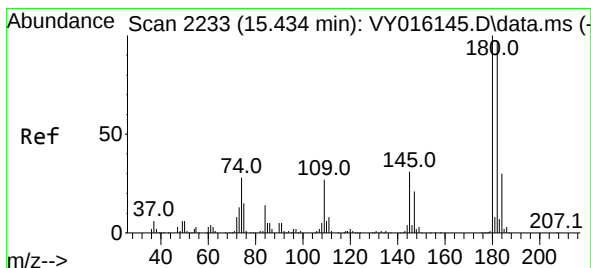
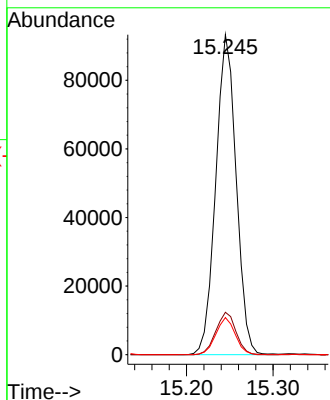
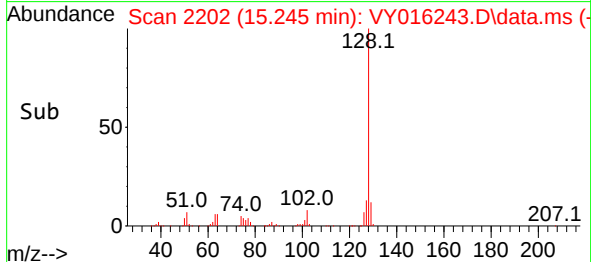
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



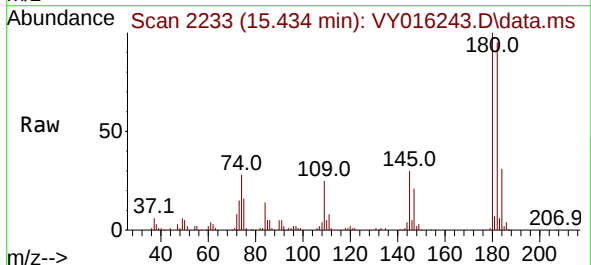
Tgt Ion:128 Resp: 15284
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.858 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016243.D
Acq: 07 Nov 2023 08:35



Tgt Ion:180 Resp: 70470
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 32.4 15.4 46.2

