

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016245.D
 Acq On : 07 Nov 2023 10:08
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 23:42:23 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	169940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	237625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83244	52.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.700%			
35) Dibromofluoromethane	7.722	113	82365	50.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.185	98	325208	50.015	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.489	95	107641	48.413	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19426	17.920	ug/l	99
3) Chloromethane	2.113	50	23839	15.883	ug/l	96
4) Vinyl Chloride	2.253	62	26994	17.426	ug/l	94
5) Bromomethane	2.644	94	18074	17.289	ug/l	99
6) Chloroethane	2.796	64	19367	17.758	ug/l	99
7) Trichlorofluoromethane	3.131	101	46866	20.040	ug/l	99
8) Diethyl Ether	3.534	74	16381	21.134	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	30653	20.806	ug/l	95
10) Methyl Iodide	4.095	142	28035	17.113	ug/l	97
11) Tert butyl alcohol	4.960	59	14240	119.855	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	26051	19.373	ug/l	88
13) Acrolein	3.735	56	12325	108.136	ug/l	99
14) Allyl chloride	4.485	41	39704	20.642	ug/l #	94
15) Acrylonitrile	5.162	53	37020	111.772	ug/l	99
16) Acetone	3.948	43	27523	96.728	ug/l	98
17) Carbon Disulfide	4.198	76	50792	15.129	ug/l	98
18) Methyl Acetate	4.479	43	28115	21.985	ug/l #	89
19) Methyl tert-butyl Ether	5.235	73	81342	21.266	ug/l	98
20) Methylene Chloride	4.723	84	35358	20.036	ug/l	89
21) trans-1,2-Dichloroethene	5.229	96	29741	18.988	ug/l	92
22) Diisopropyl ether	6.125	45	99764	21.444	ug/l	89
23) Vinyl Acetate	6.064	43	242641	106.228	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	58358	20.960	ug/l	98
25) 2-Butanone	6.990	43	47585	108.464	ug/l	90
26) 2,2-Dichloropropane	6.990	77	53557	20.348	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	37539	20.365	ug/l	94
28) Bromochloromethane	7.338	49	20405	19.584	ug/l	87
29) Tetrahydrofuran	7.356	42	30593	111.242	ug/l	88
30) Chloroform	7.509	83	64563	21.299	ug/l	100
31) Cyclohexane	7.789	56	44409	18.167	ug/l #	80
32) 1,1,1-Trichloroethane	7.710	97	56312	20.256	ug/l	97
36) 1,1-Dichloropropene	7.923	75	44486	18.785	ug/l	99
37) Ethyl Acetate	7.082	43	22806	21.622	ug/l #	96
38) Carbon Tetrachloride	7.905	117	49996	21.310	ug/l	98
39) Methylcyclohexane	9.191	83	51146	18.094	ug/l	93
40) Benzene	8.167	78	130087	19.134	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	13441	21.954	ug/l #	86
42) 1,2-Dichloroethane	8.240	62	37614	19.825	ug/l	94
43) Isopropyl Acetate	8.277	43	44322	21.244	ug/l #	93
44) Trichloroethene	8.947	130	37988	19.094	ug/l	97
45) 1,2-Dichloropropane	9.222	63	34340	20.997	ug/l	96
46) Dibromomethane	9.307	93	18983	20.461	ug/l	96
47) Bromodichloromethane	9.502	83	49460	20.982	ug/l	96
48) Methyl methacrylate	9.301	41	18862	19.882	ug/l #	86
49) 1,4-Dioxane	9.307	88	4841	364.880	ug/l #	67
51) 4-Methyl-2-Pentanone	10.075	43	114176	109.677	ug/l	91
52) Toluene	10.252	92	85533	19.415	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	48282	20.518	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	55985	20.275	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	27848	21.339	ug/l	98
56) Ethyl methacrylate	10.514	69	34963	20.629	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	46336	20.856	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	87916	106.974	ug/l	94
59) 2-Hexanone	10.837	43	80200	112.424	ug/l	91
60) Dibromochloromethane	10.990	129	34243	20.915	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25705	20.708	ug/l	97
64) Tetrachloroethene	10.728	164	38821	18.367	ug/l	95
65) Chlorobenzene	11.520	112	94284	19.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	36188	20.695	ug/l	96
67) Ethyl Benzene	11.599	91	166149	19.676	ug/l	98
68) m/p-Xylenes	11.709	106	127656	39.123	ug/l	94
69) o-Xylene	12.038	106	60698	19.483	ug/l	97
70) Styrene	12.051	104	101835	19.663	ug/l	96
71) Bromoform	12.215	173	20865	21.509	ug/l #	100
73) Isopropylbenzene	12.337	105	167894	20.074	ug/l	99
74) N-amyl acetate	12.148	43	37343	20.546	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	30023	22.559	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20189m	19.228	ug/l	
77) Bromobenzene	12.618	156	38382	20.267	ug/l	96
78) n-propylbenzene	12.678	91	200334	20.260	ug/l	99
79) 2-Chlorotoluene	12.764	91	110459	20.028	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	134785	19.891	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	10228	21.121	ug/l	94
82) 4-Chlorotoluene	12.861	91	112298	19.829	ug/l	98
83) tert-Butylbenzene	13.081	119	124687	20.565	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	132229	19.721	ug/l	98
85) sec-Butylbenzene	13.264	105	182828	20.545	ug/l	99
86) p-Isopropyltoluene	13.380	119	150141	20.357	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	76194	20.343	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	73225	19.780	ug/l	99
89) n-Butylbenzene	13.703	91	137710	20.321	ug/l	97
90) Hexachloroethane	13.971	117	28630	22.526	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	65751	20.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4766	20.010	ug/l	97
93) 1,2,4-Trichlorobenzene	15.020	180	37508	18.778	ug/l	99
94) Hexachlorobutadiene	15.123	225	22586	20.693	ug/l	97
95) Naphthalene	15.245	128	68341	17.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	31226	18.301	ug/l	99

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

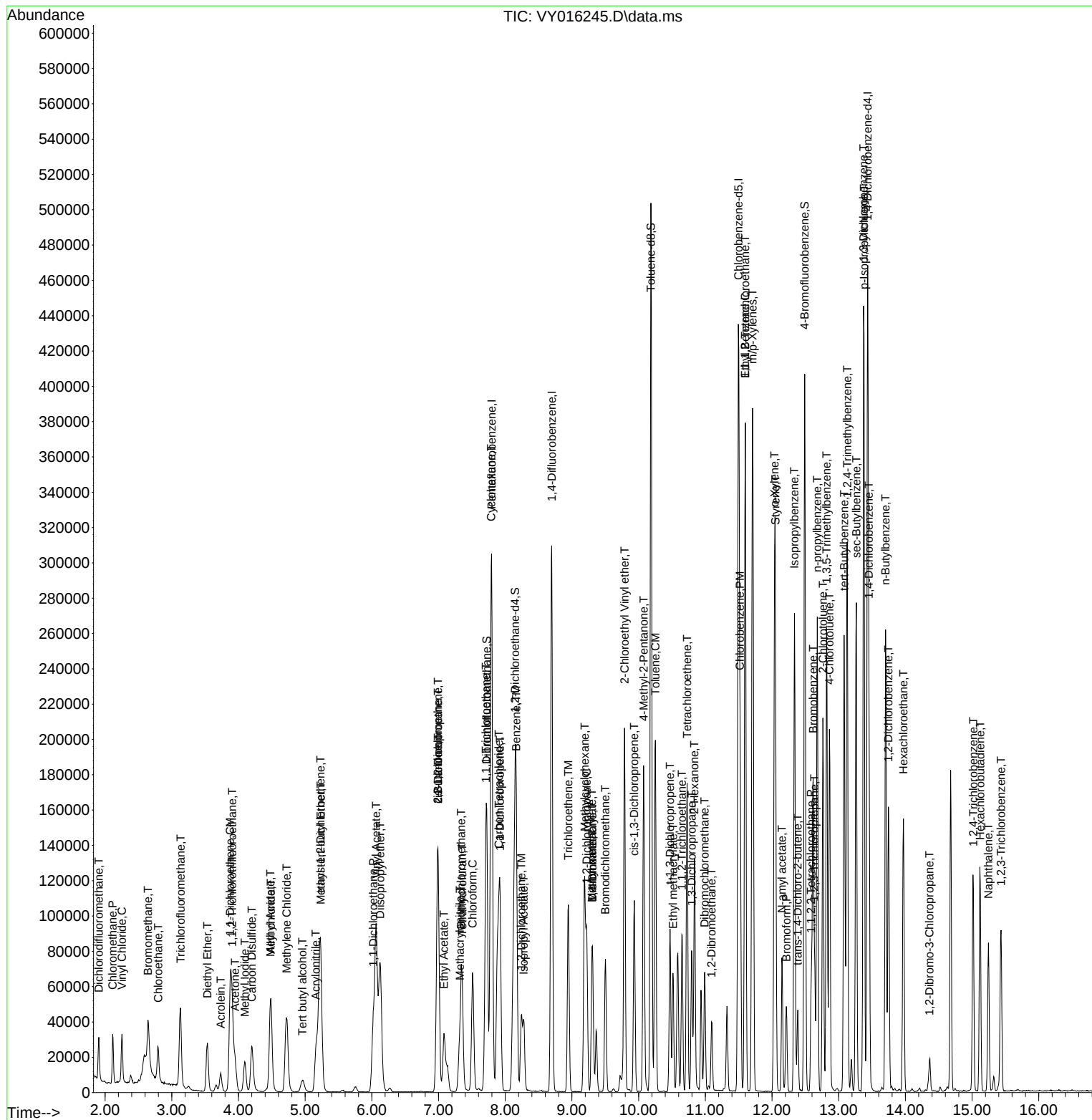
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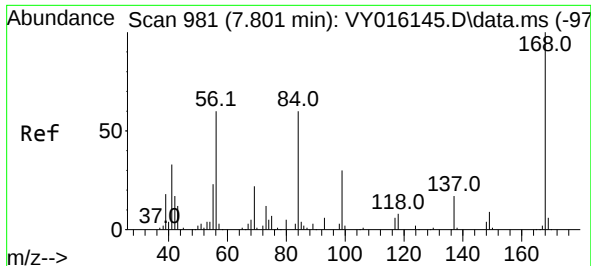
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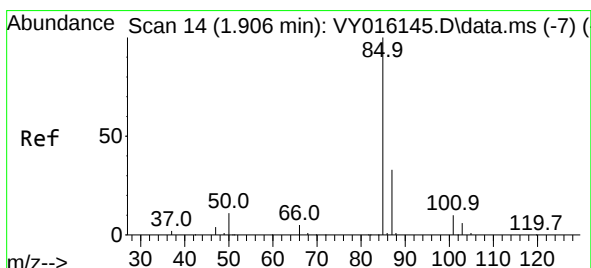
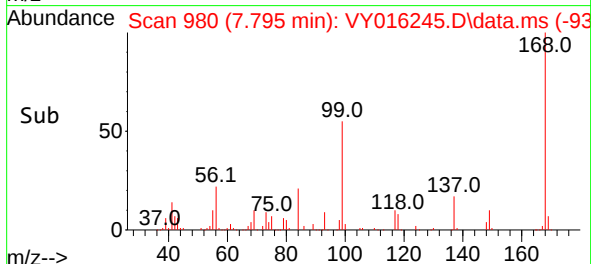
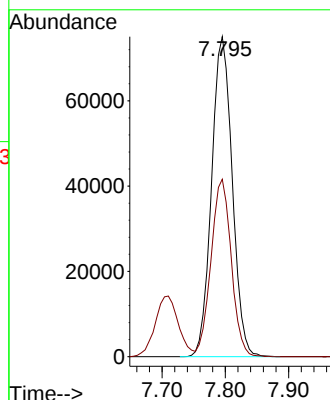
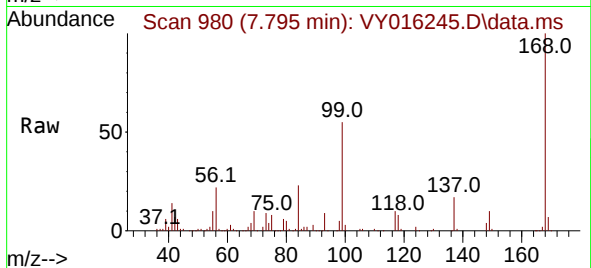
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016245.D
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Instrument :
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Tgt Ion:168 Resp: 169940
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0

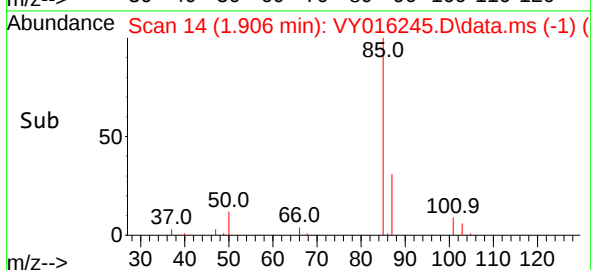
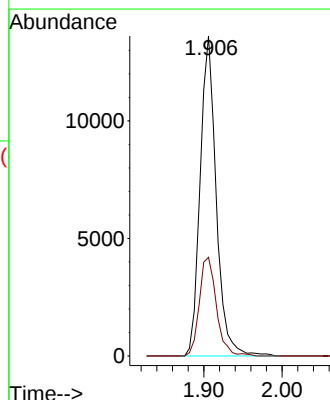
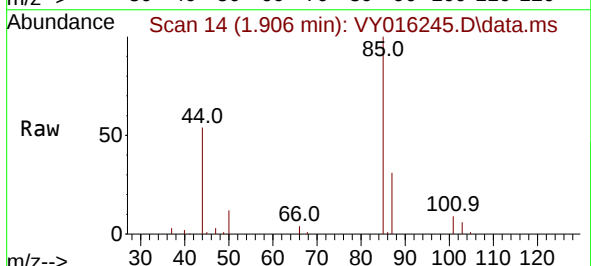
Manual Integrations
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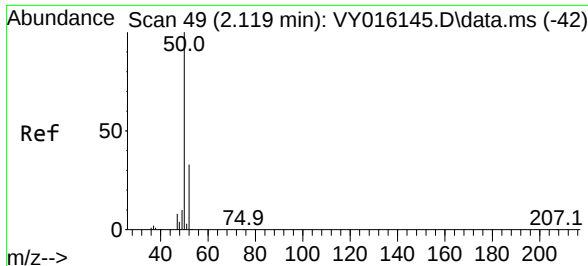
Reviewed By :John Carlone 11/08/2023
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#2
Dichlorodifluoromethane
Concen: 17.920 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

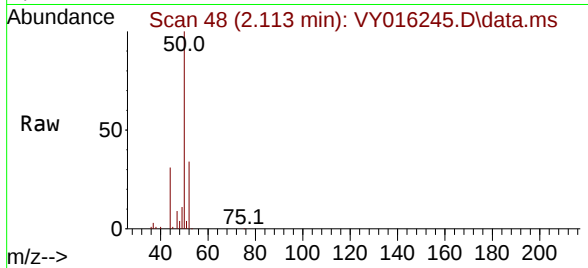
Tgt Ion: 85 Resp: 19426
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8





#3
Chloromethane
Concen: 15.883 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

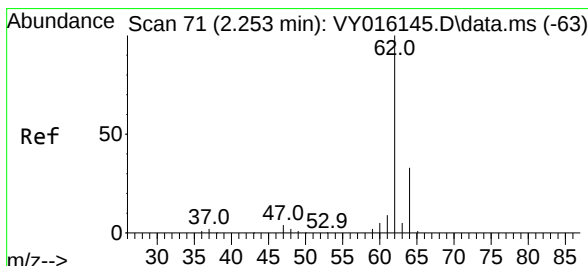
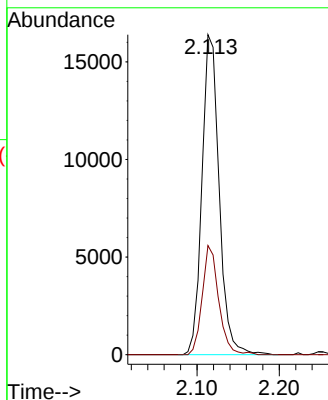
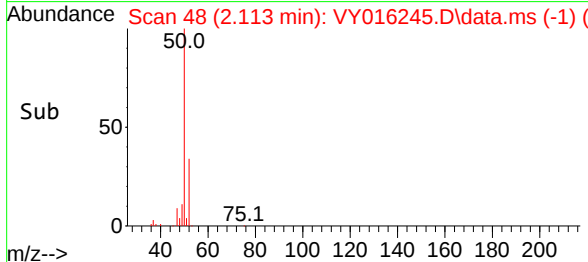
Instrument :
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ClientSampleId :
VY1107SBS01



Tgt Ion: 50 Resp: 23839
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

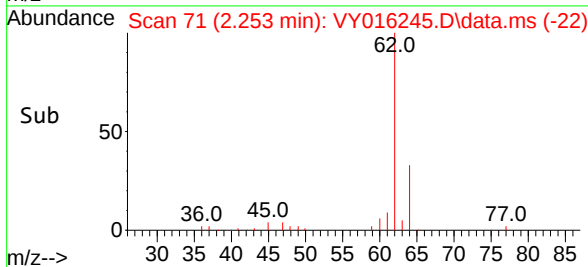
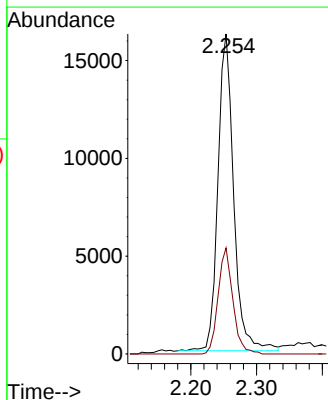
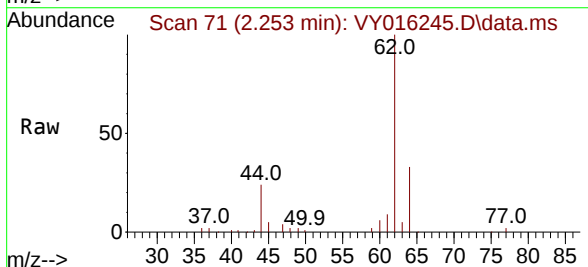
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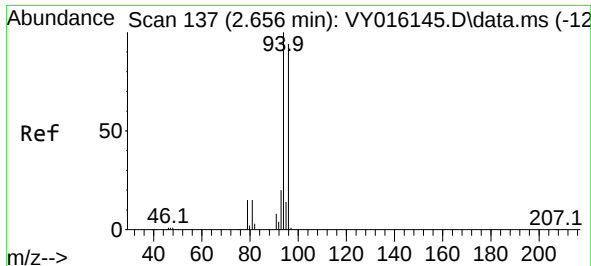
Reviewed By :John Carlone 11/08/2023
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#4
Vinyl Chloride
Concen: 17.426 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

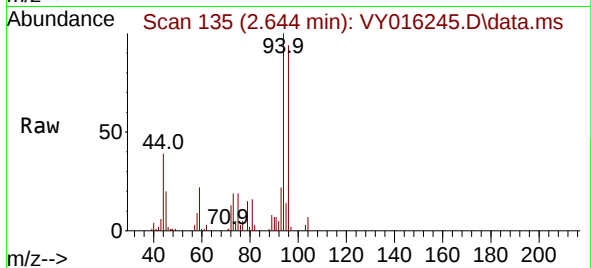
Tgt Ion: 62 Resp: 26994
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5





#5
Bromomethane
Concen: 17.289 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

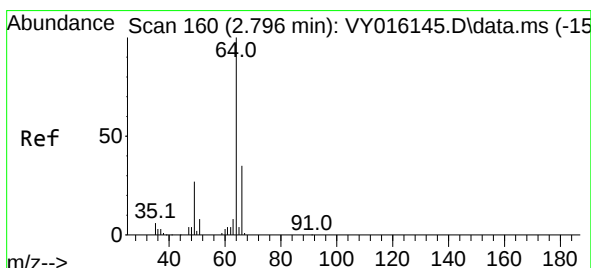
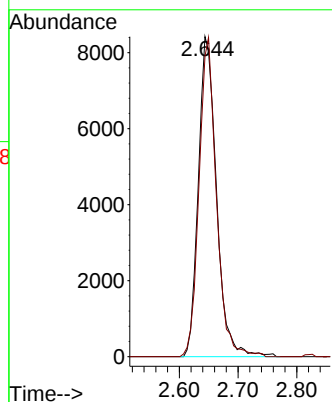
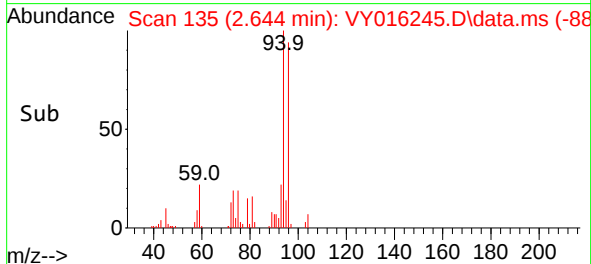
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Tgt Ion: 94 Resp: 18074
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6

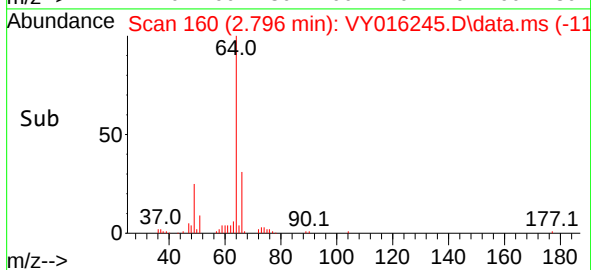
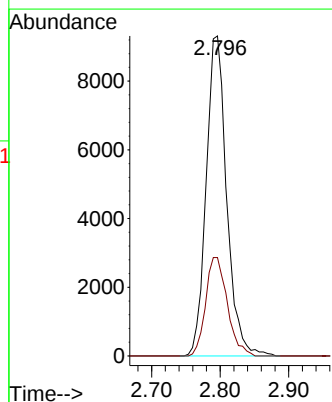
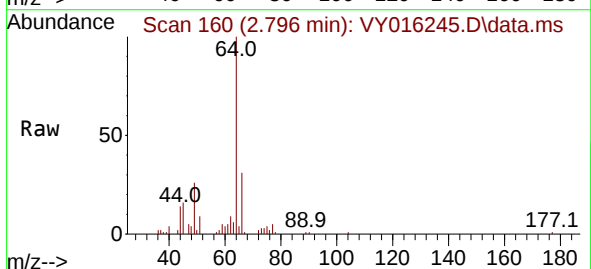
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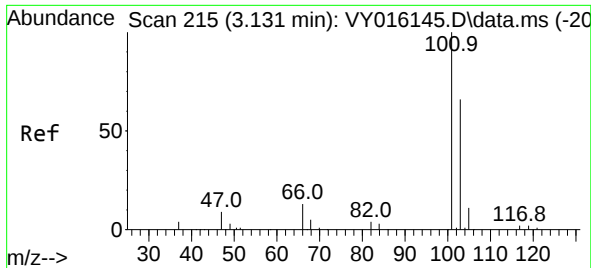
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#6
Chloroethane
Concen: 17.758 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

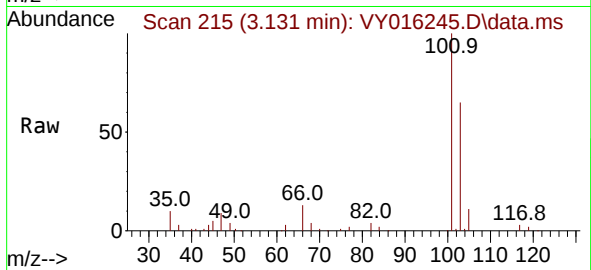
Tgt Ion: 64 Resp: 19367
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.040 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

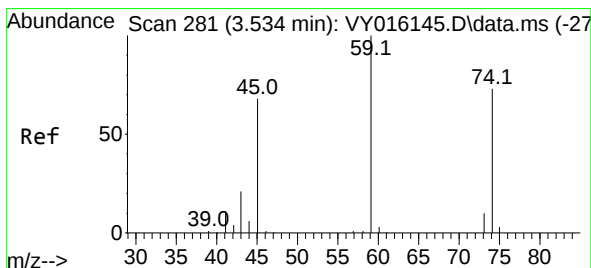
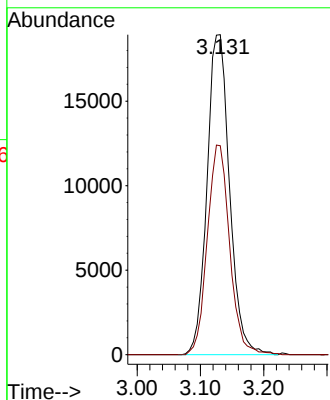
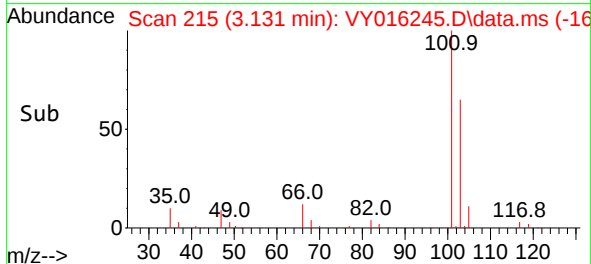
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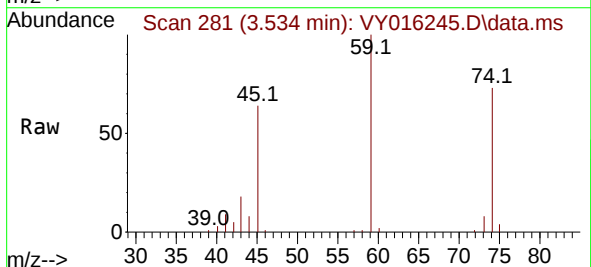
Tgt Ion:101 Resp: 46860
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

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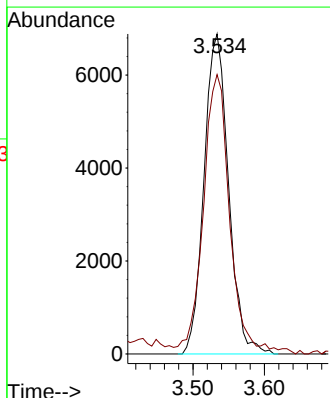
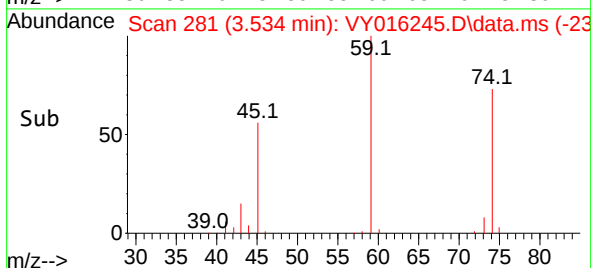
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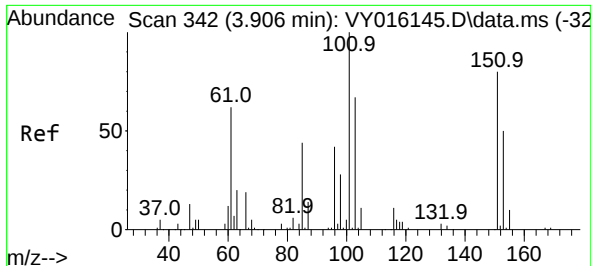


#8
Diethyl Ether
Concen: 21.134 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion: 74 Resp: 16381
Ion Ratio Lower Upper
74 100
45 94.8 51.5 154.5





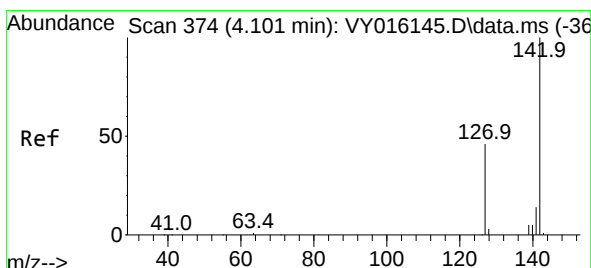
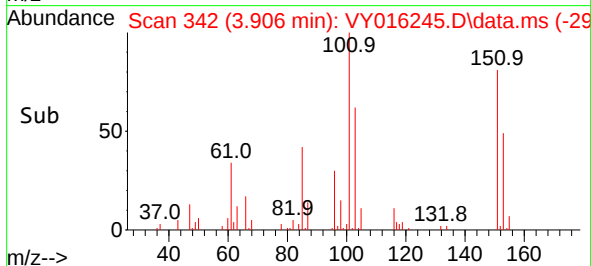
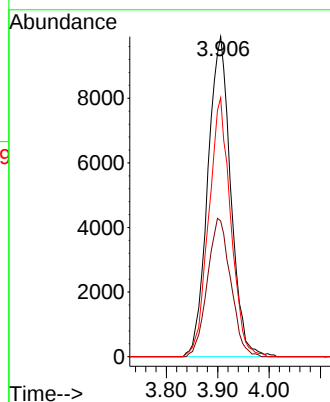
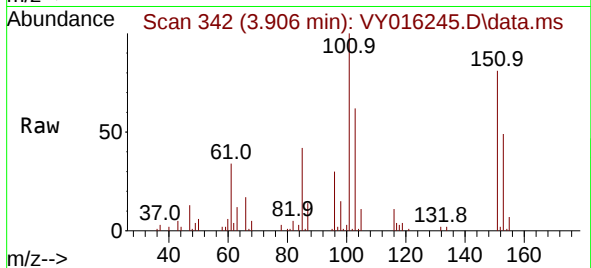
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.806 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:101 Resp: 3065
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.7 67.0 100.6

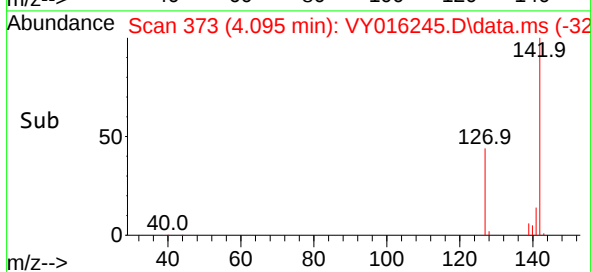
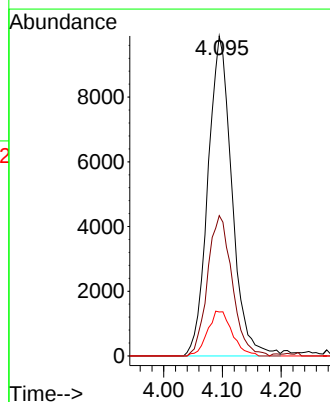
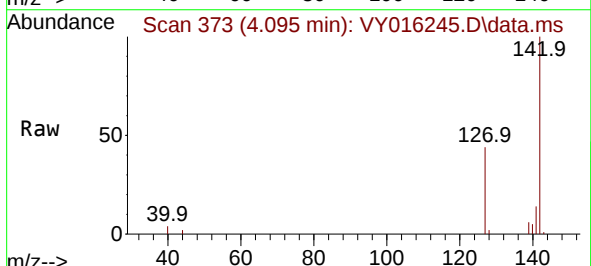
Manual Integrations
APPROVED

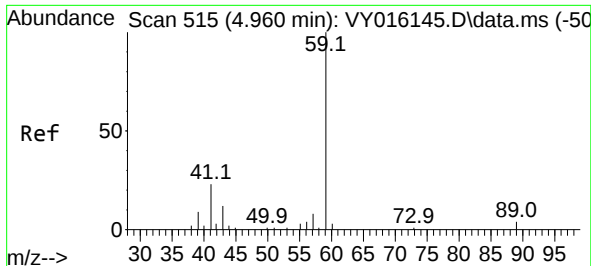
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 17.113 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

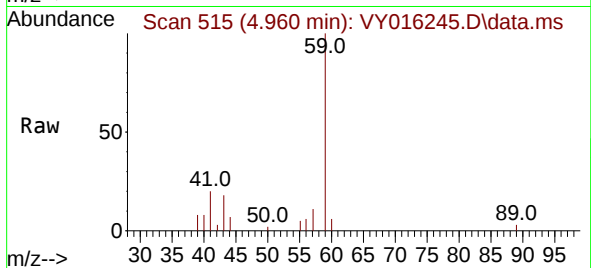
Tgt Ion:142 Resp: 28035
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 119.855 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

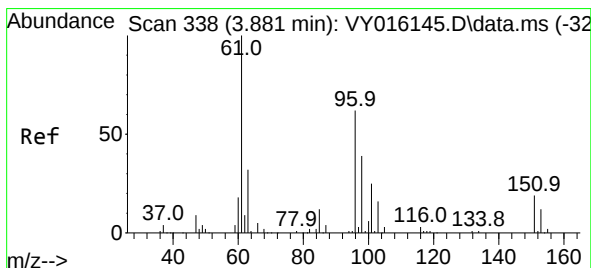
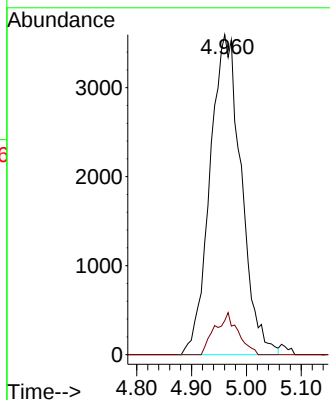
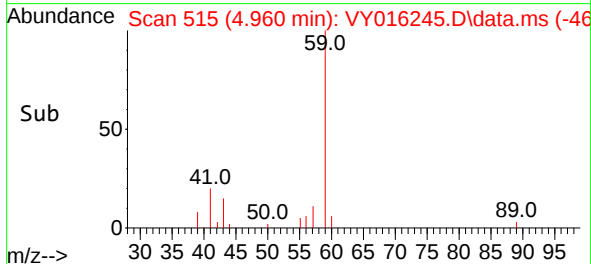
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



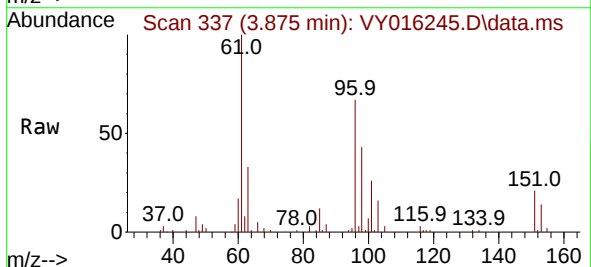
Tgt Ion: 59 Resp: 14240
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

Manual Integrations
APPROVED

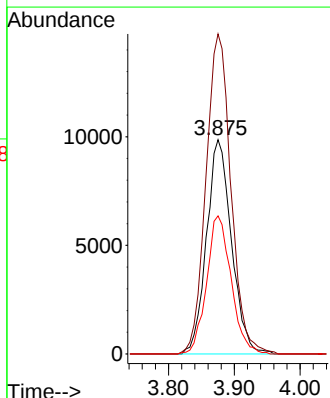
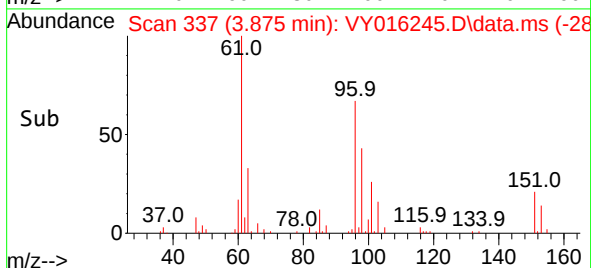
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

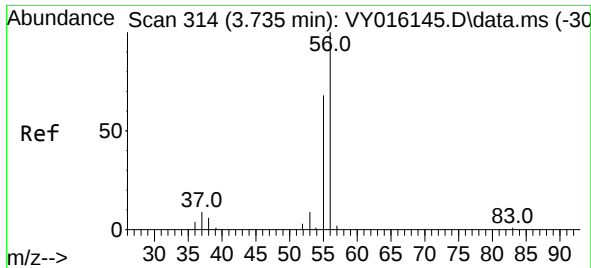


#12
1,1-Dichloroethene
Concen: 19.373 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



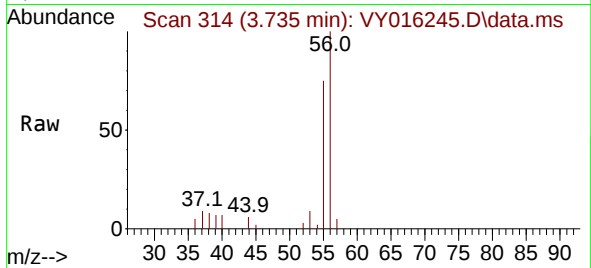
Tgt Ion: 96 Resp: 26051
Ion Ratio Lower Upper
96 100
61 149.3 136.4 204.6
98 64.4 49.4 74.2





#13
Acrolein
Concen: 108.136 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

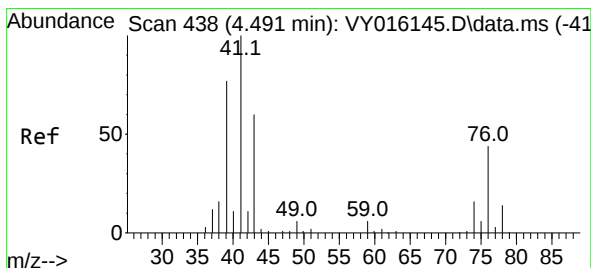
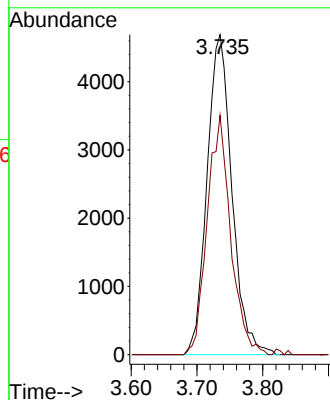
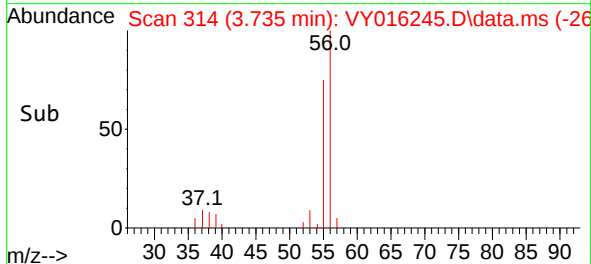
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



Tgt Ion: 56 Resp: 1232
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4

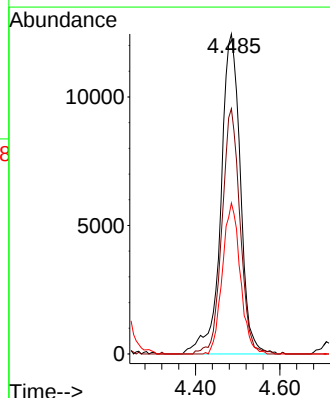
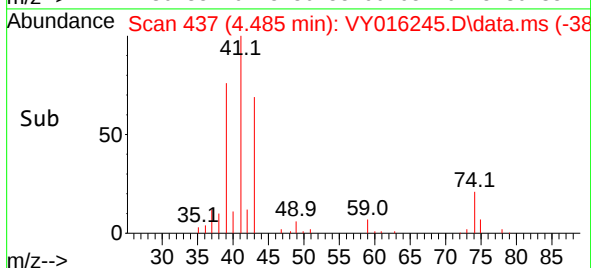
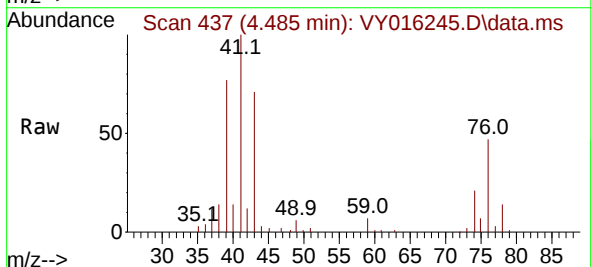
Manual Integrations
APPROVED

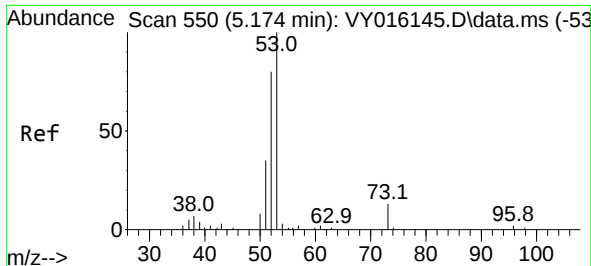
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#14
Allyl chloride
Concen: 20.642 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

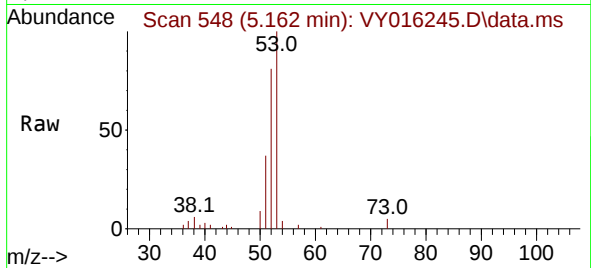
Tgt Ion: 41 Resp: 39704
Ion Ratio Lower Upper
41 100
39 71.4 58.0 87.0
76 43.3 27.4 41.2#





#15
Acrylonitrile
Concen: 111.772 ug/l
RT: 5.162 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

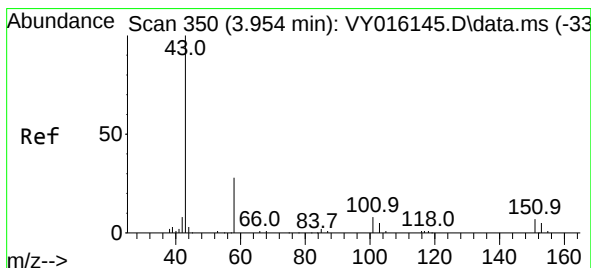
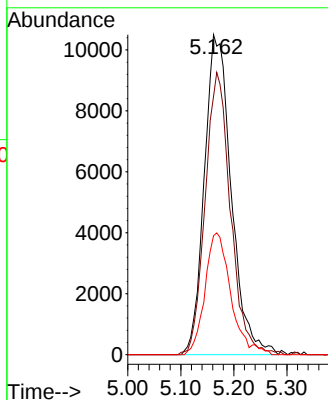
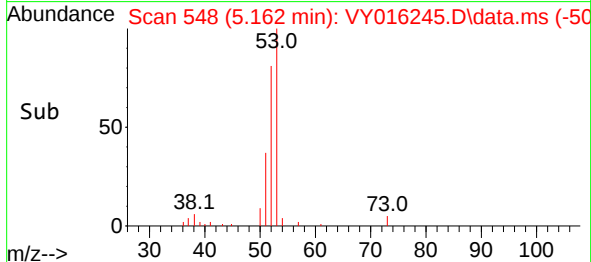
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



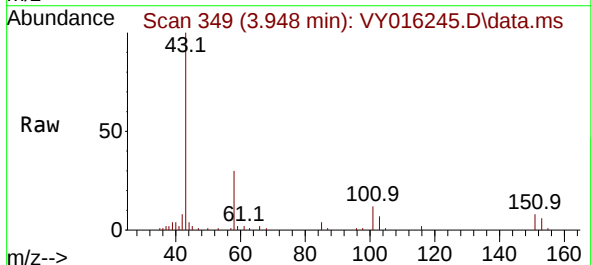
Tgt Ion: 53 Resp: 37020
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.6 29.8 44.6

Manual Integrations
APPROVED

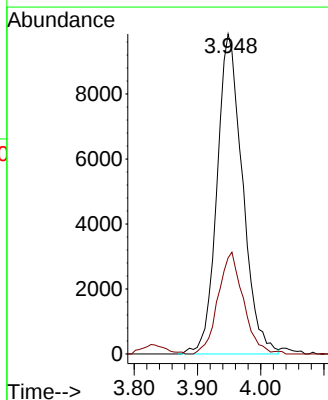
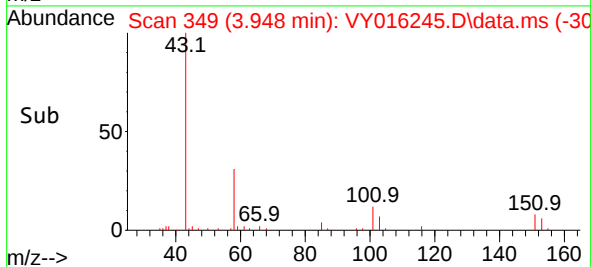
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

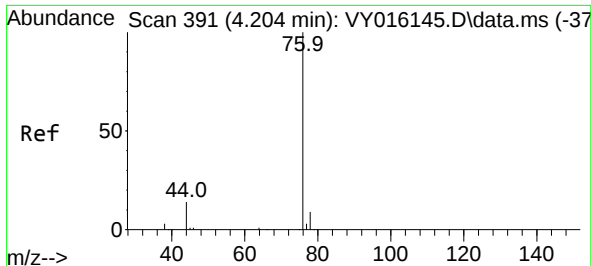


#16
Acetone
Concen: 96.728 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion: 43 Resp: 27523
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1





#17

Carbon Disulfide

Concen: 15.129 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 76 Resp: 50792

Ion Ratio Lower Upper

76 100

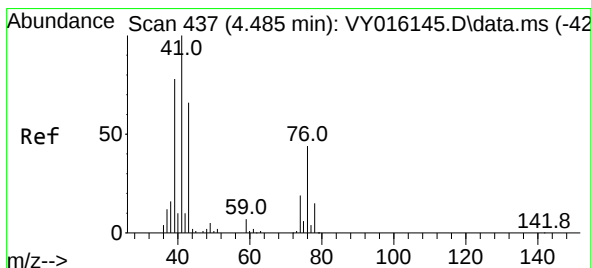
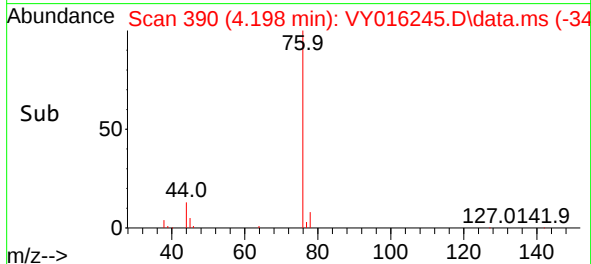
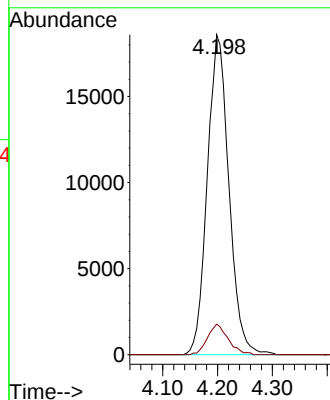
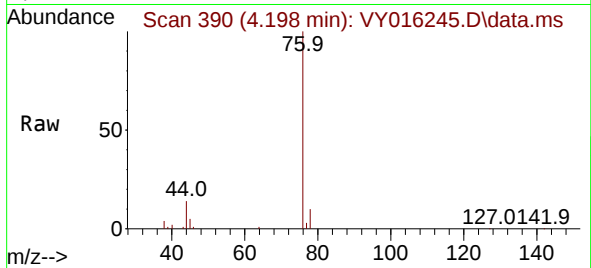
78 9.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#18

Methyl Acetate

Concen: 21.985 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY016245.D

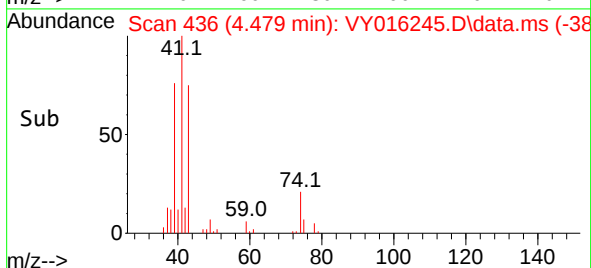
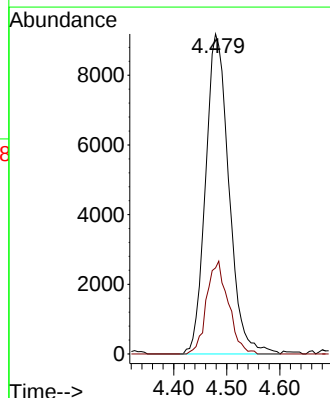
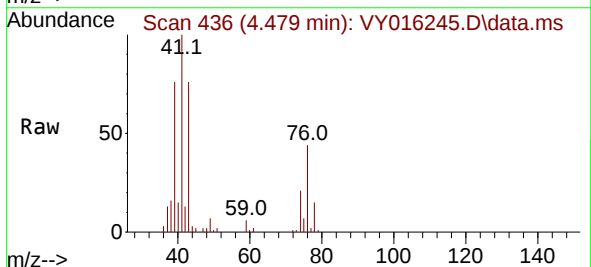
Acq: 07 Nov 2023 10:08

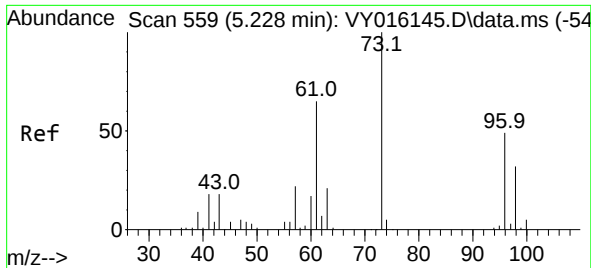
Tgt Ion: 43 Resp: 28115

Ion Ratio Lower Upper

43 100

74 27.0 17.4 26.0#





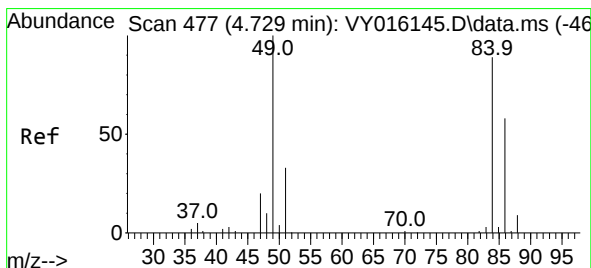
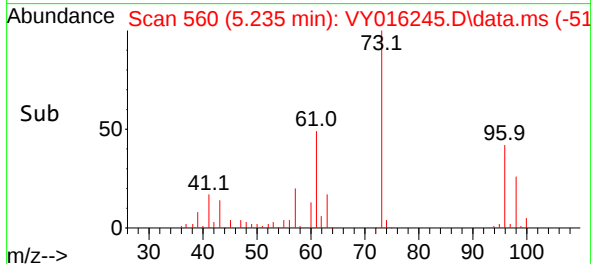
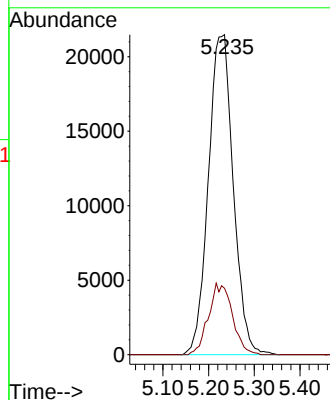
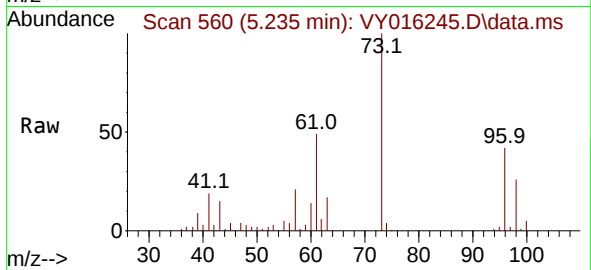
#19
Methyl tert-butyl Ether
Concen: 21.266 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 73 Resp: 8134
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

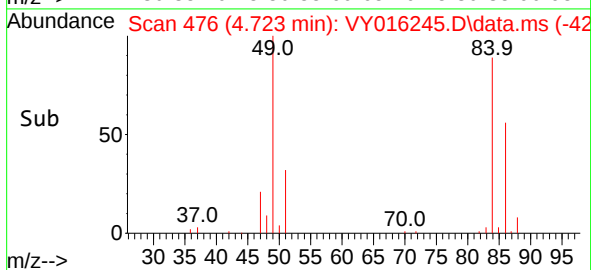
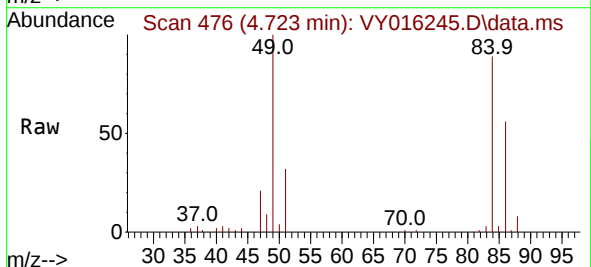
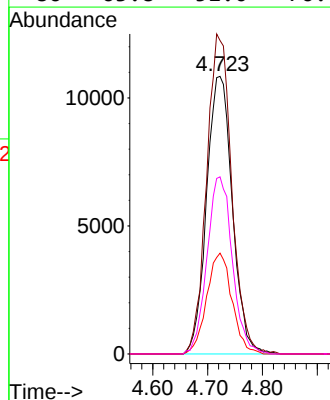
Manual Integrations
APPROVED

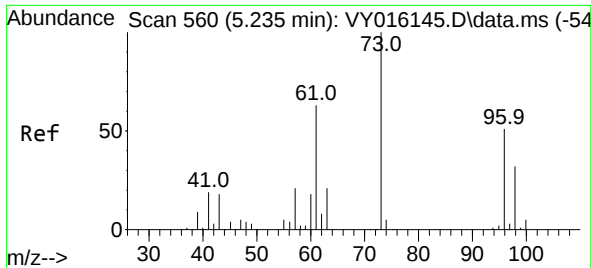
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 20.036 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 84 Resp: 35358
Ion Ratio Lower Upper
84 100
49 112.9 106.9 160.3
51 36.3 33.2 49.8
86 63.8 51.0 76.6





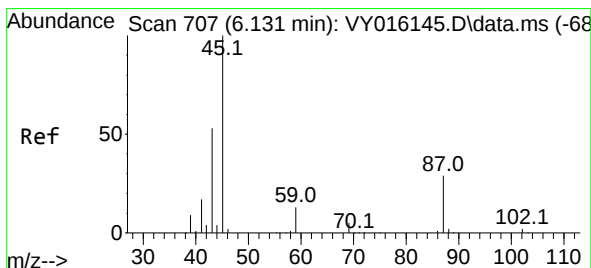
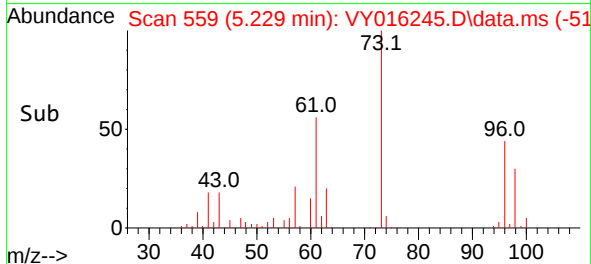
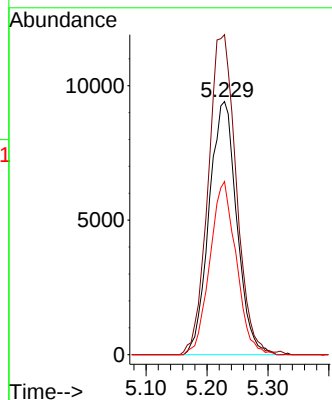
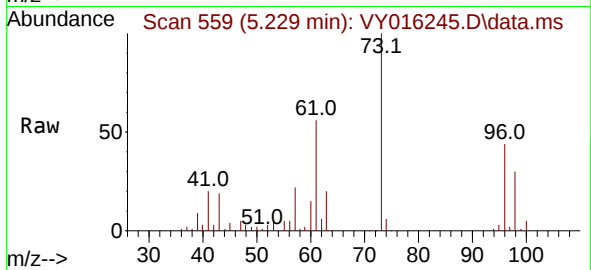
#21
trans-1,2-Dichloroethene
Concen: 18.988 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 96 Resp: 2974
Ion Ratio Lower Upper
96 100
61 126.4 110.2 165.4
98 68.4 51.8 77.6

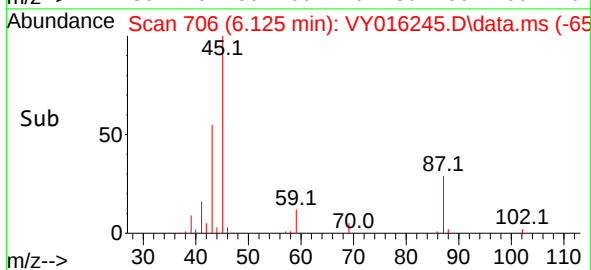
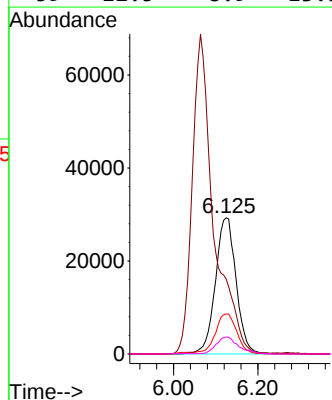
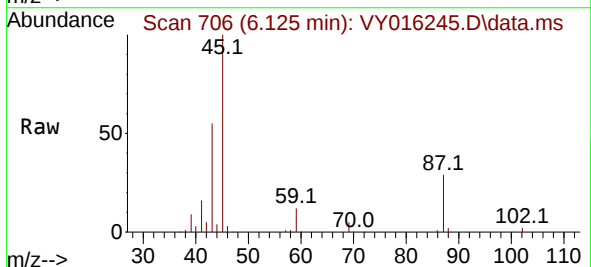
Manual Integrations
APPROVED

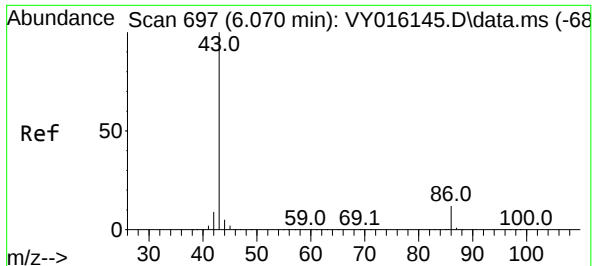
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#22
Diisopropyl ether
Concen: 21.444 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 45 Resp: 99764
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 29.3 21.0 31.6
59 12.5 8.9 13.3





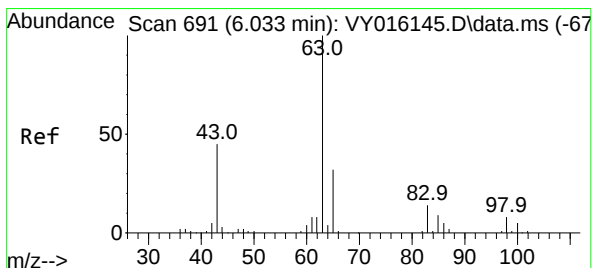
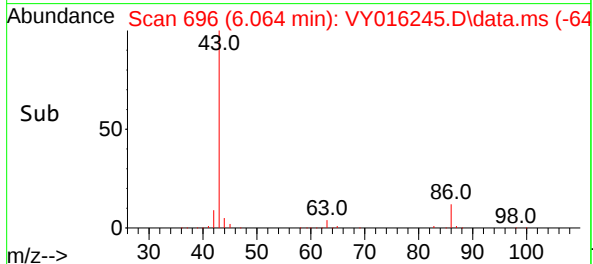
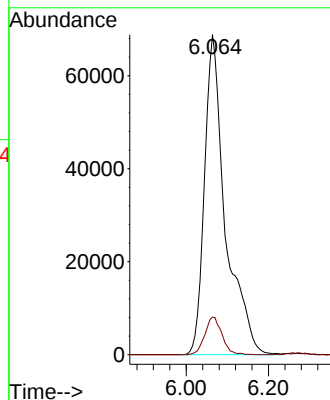
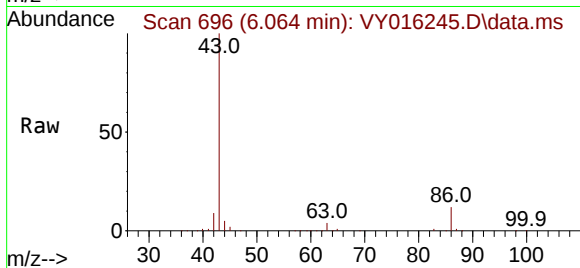
#23
 Vinyl Acetate
 Concen: 106.228 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016245.D
 Acq: 07 Nov 2023 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion: 43 Resp: 24264
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

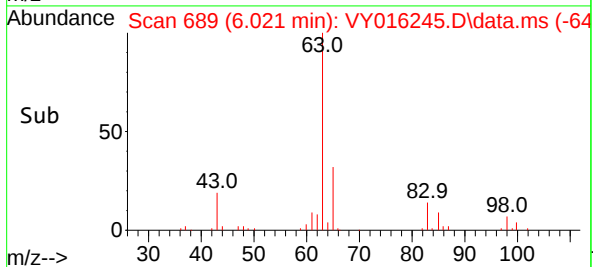
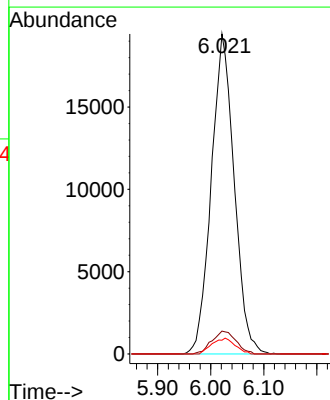
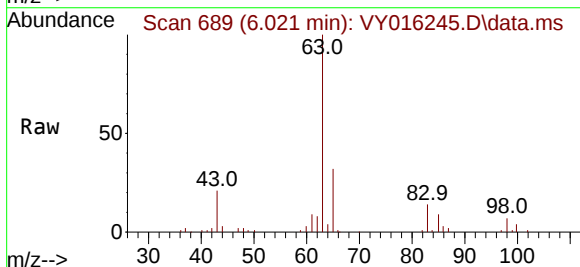
Manual Integrations
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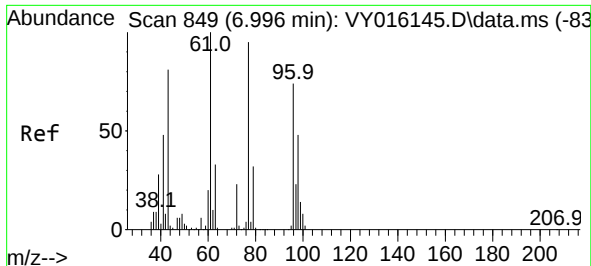
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 20.960 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY016245.D
 Acq: 07 Nov 2023 10:08

Tgt Ion: 63 Resp: 58358
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 108.464 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 43 Resp: 4758

Ion Ratio Lower Upper

43 100

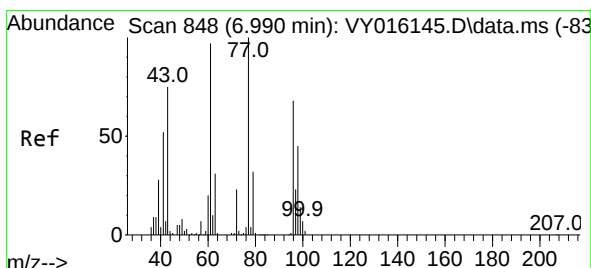
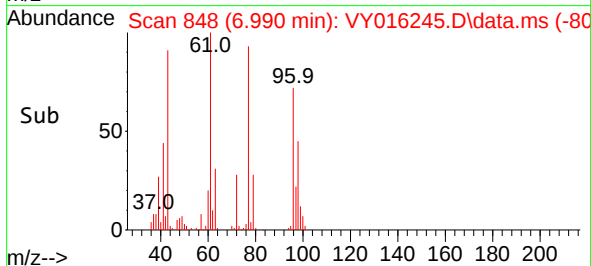
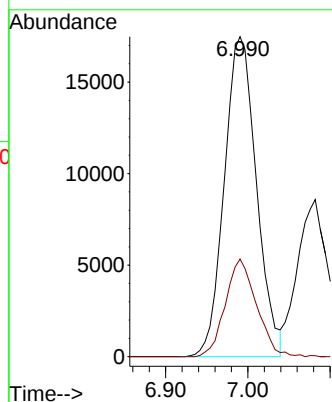
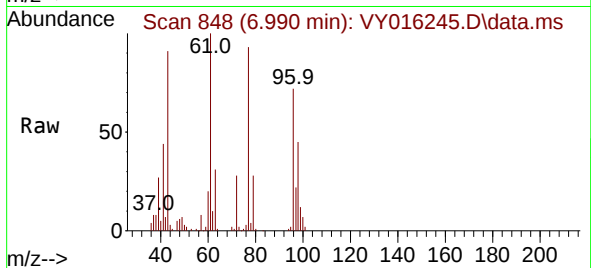
72 30.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#26

2,2-Dichloropropane

Concen: 20.348 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY016245.D

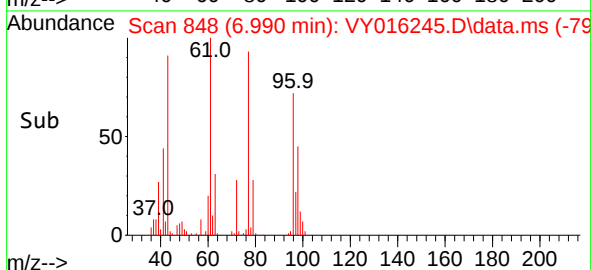
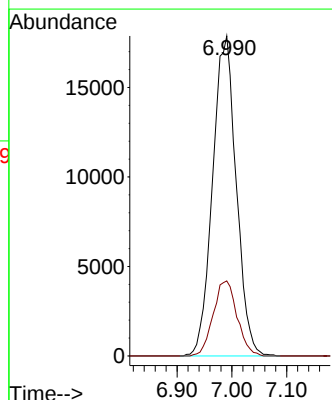
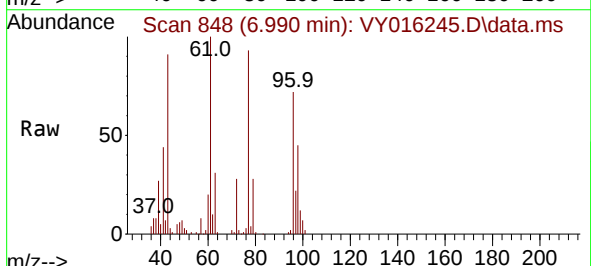
Acq: 07 Nov 2023 10:08

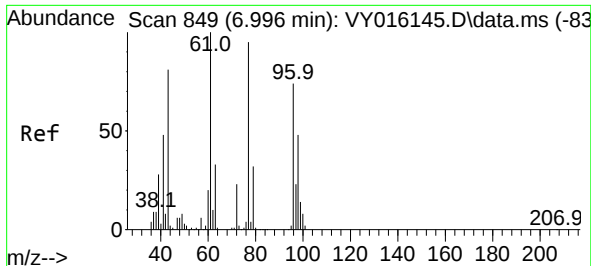
Tgt Ion: 77 Resp: 53557

Ion Ratio Lower Upper

77 100

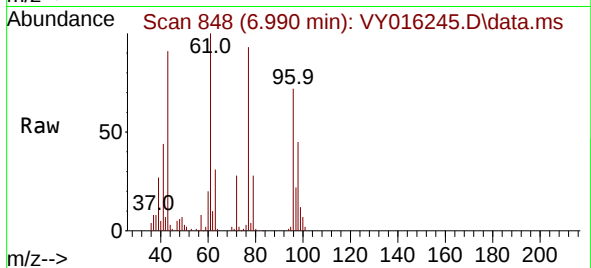
97 23.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.365 ug/l
 RT: 6.990 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY016245.D
 Acq: 07 Nov 2023 10:08

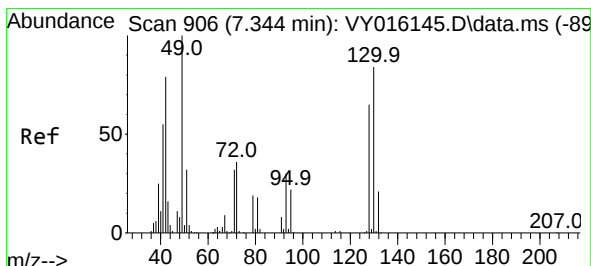
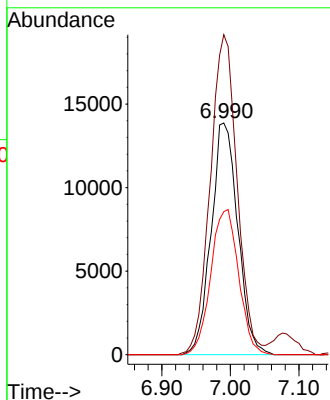
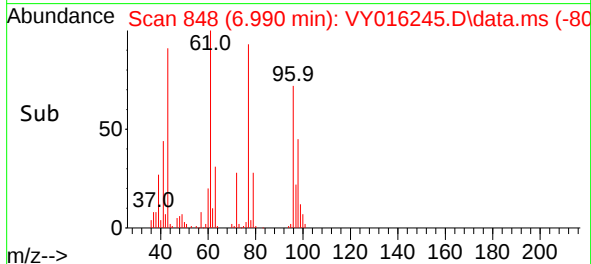
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01



Tgt Ion: 96 Resp: 37539
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 301.4
 98 65.4 0.0 130.4

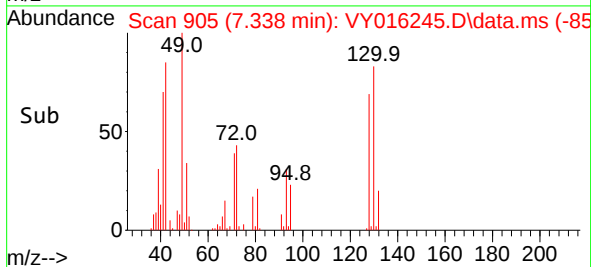
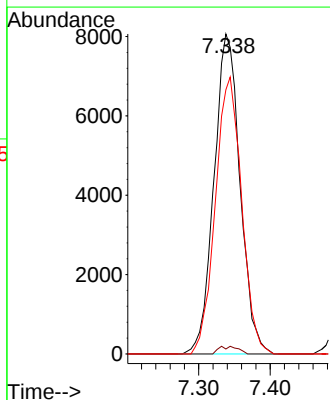
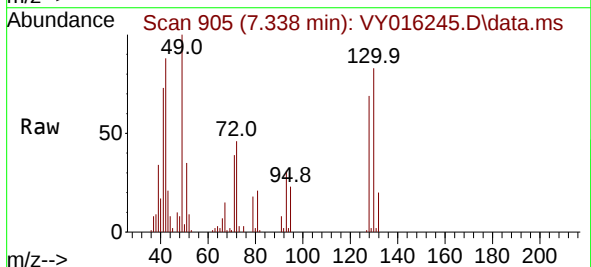
Manual Integrations
 APPROVED

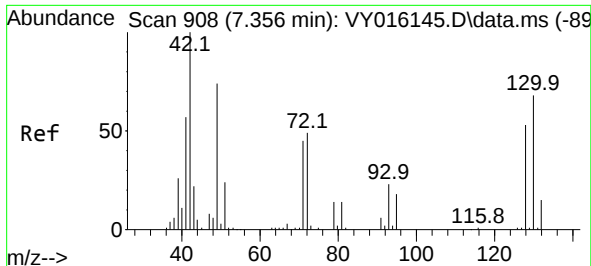
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#28
 Bromochloromethane
 Concen: 19.584 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY016245.D
 Acq: 07 Nov 2023 10:08

Tgt Ion: 49 Resp: 20405
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 87.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 111.242 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 42 Resp: 3059

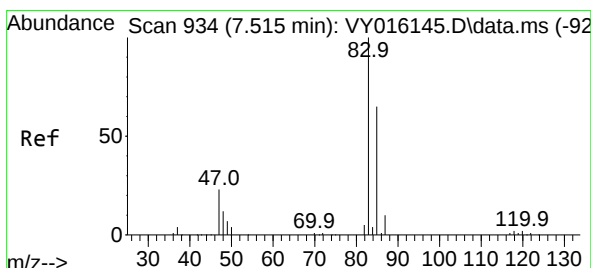
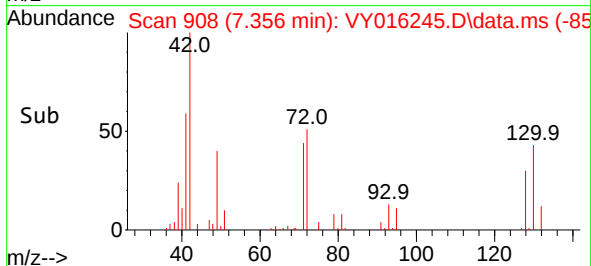
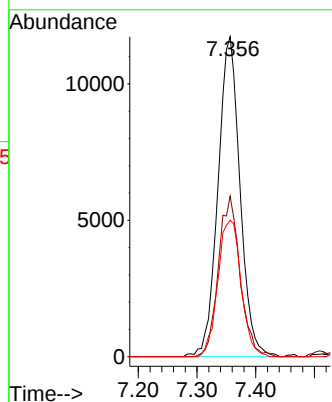
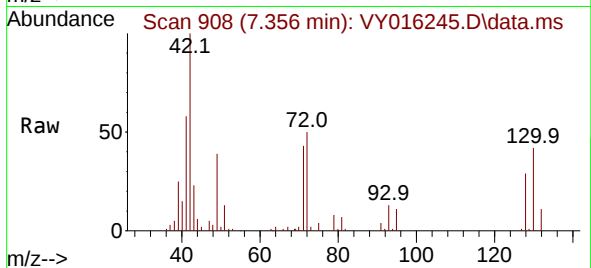
Ion	Ratio	Lower	Upper
42	100		
72	49.2	32.8	49.2
71	44.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 21.299 ug/l

RT: 7.509 min Scan# 933

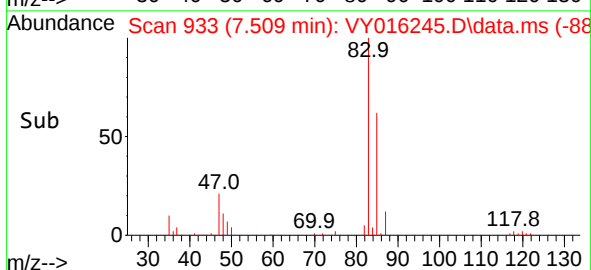
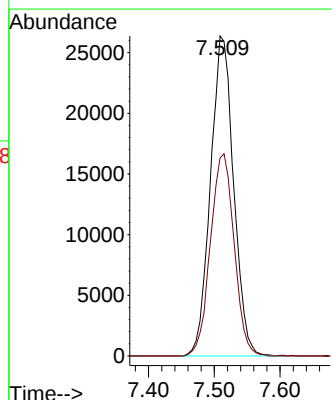
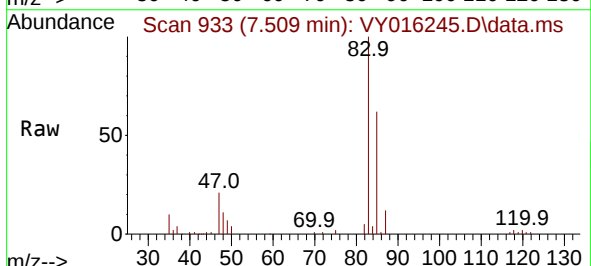
Delta R.T. -0.006 min

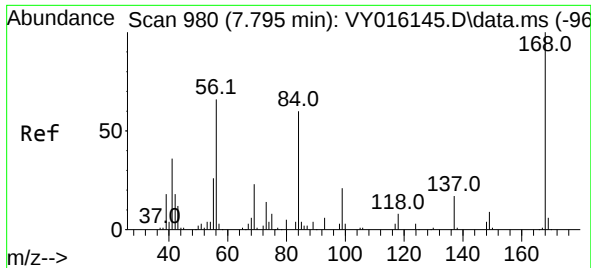
Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Tgt Ion: 83 Resp: 64563

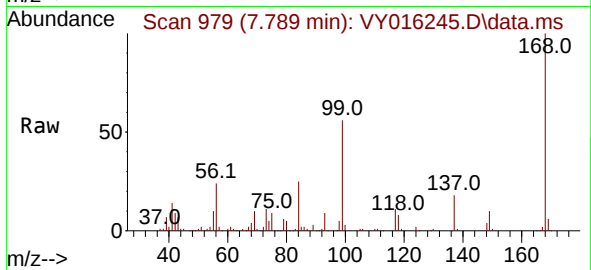
Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.7	74.5





#31
Cyclohexane
Concen: 18.167 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

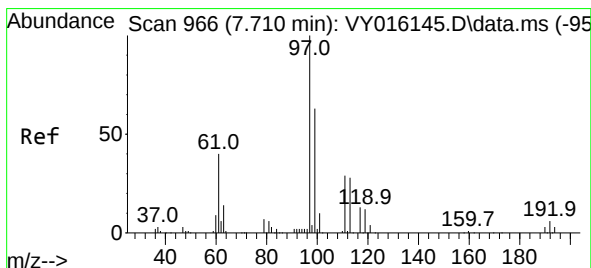
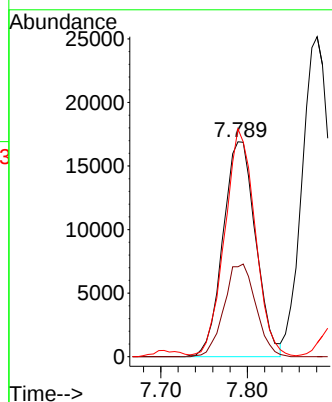
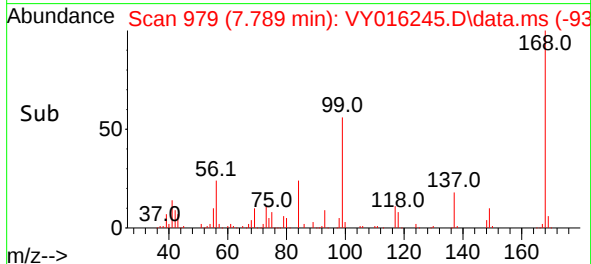
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



Tgt Ion: 56 Resp: 44409
Ion Ratio Lower Upper
56 100
69 41.8 27.8 41.6
84 103.9 66.4 99.6

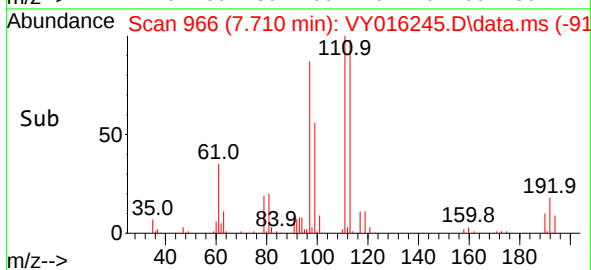
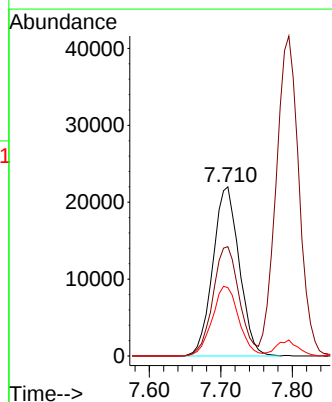
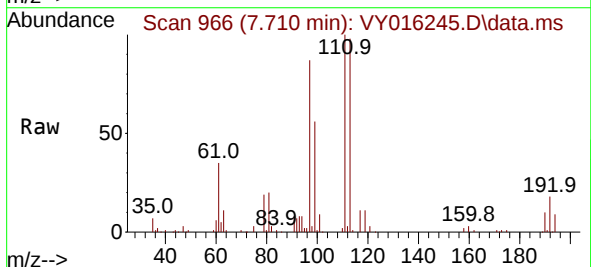
Manual Integrations
APPROVED

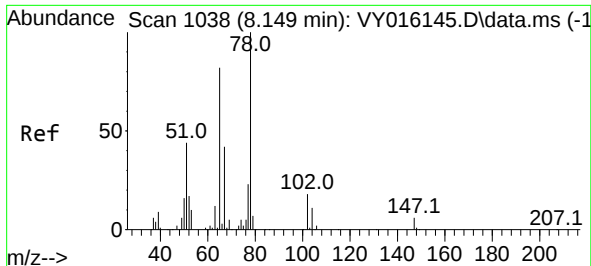
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#32
1,1,1-Trichloroethane
Concen: 20.256 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 97 Resp: 56312
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.349 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 65 Resp: 8324

Ion Ratio Lower Upper

65 100

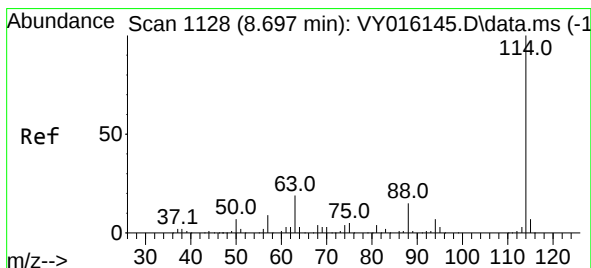
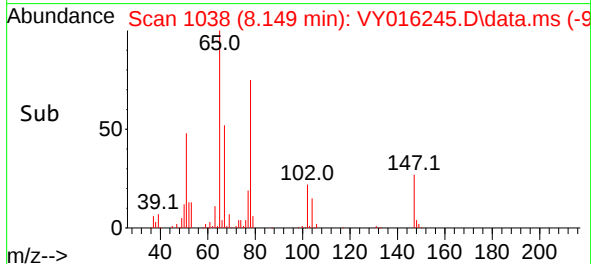
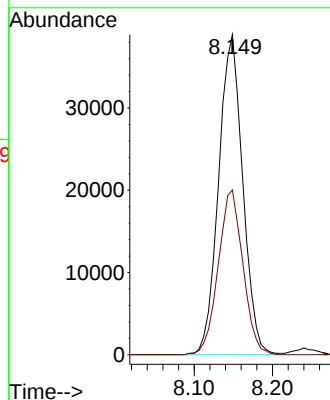
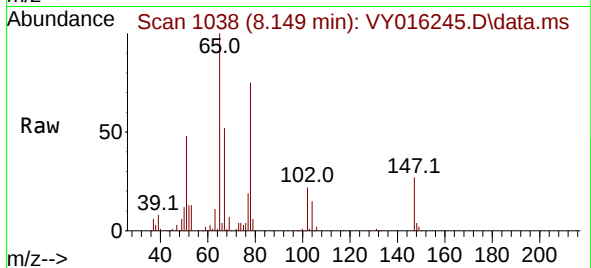
67 52.7 0.0 101.8

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: VY016245.D

Acq: 07 Nov 2023 10:08

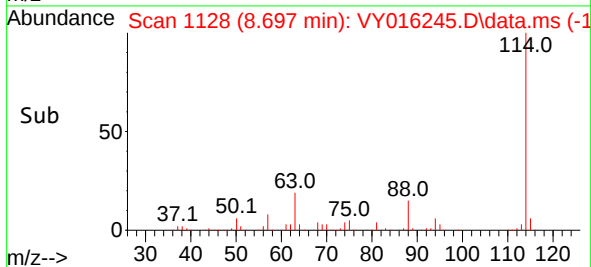
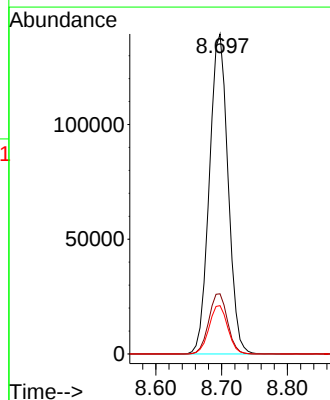
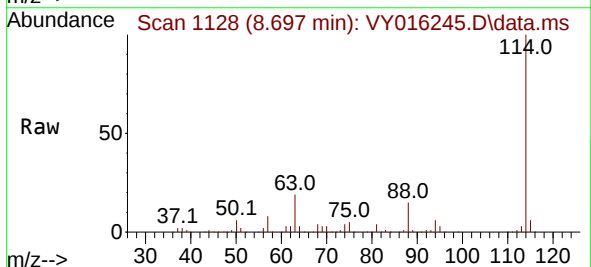
Tgt Ion:114 Resp: 275085

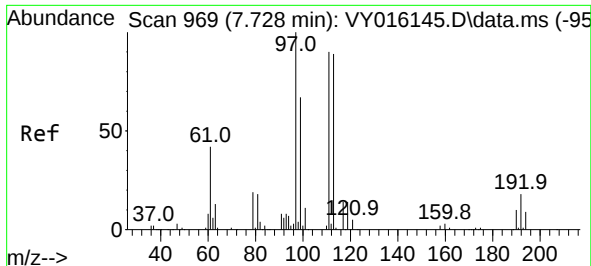
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

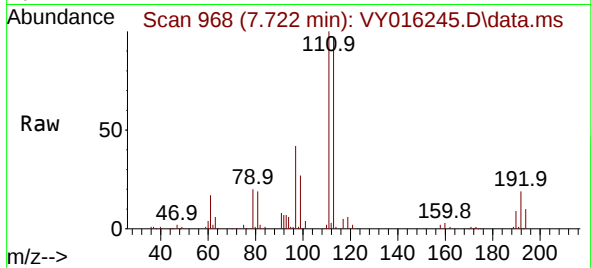
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.223 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

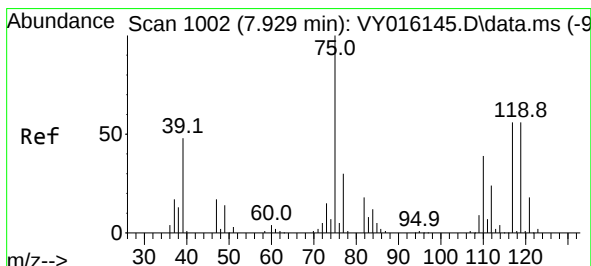
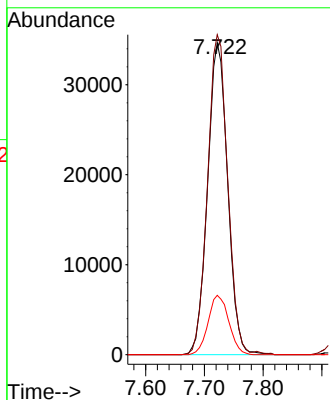
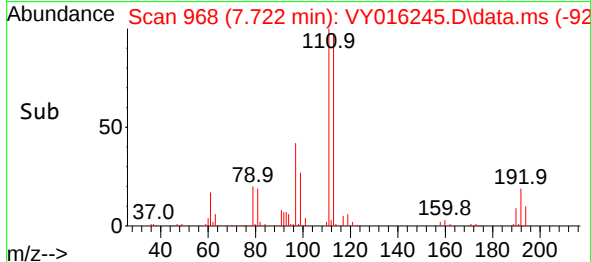
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



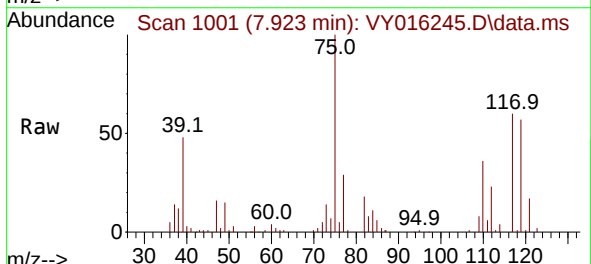
Tgt Ion:113 Resp: 8236
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.6 16.9 25.3

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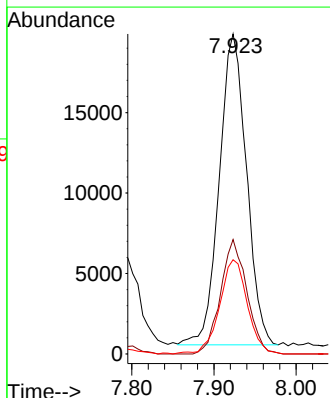
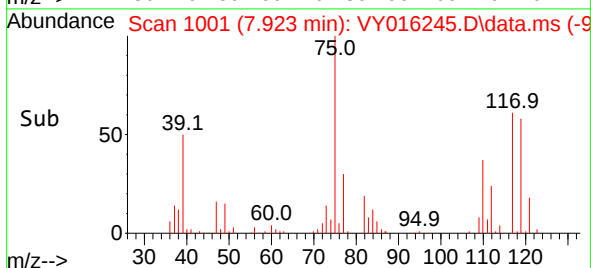
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

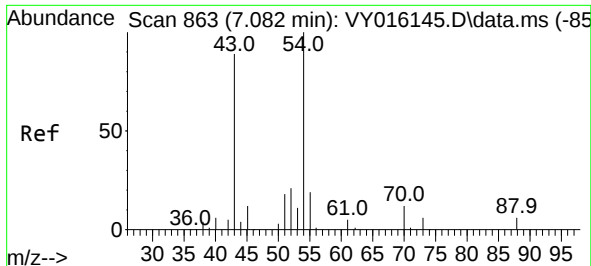


#36
1,1-Dichloropropene
Concen: 18.785 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion: 75 Resp: 44486
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 30.9 24.4 36.6





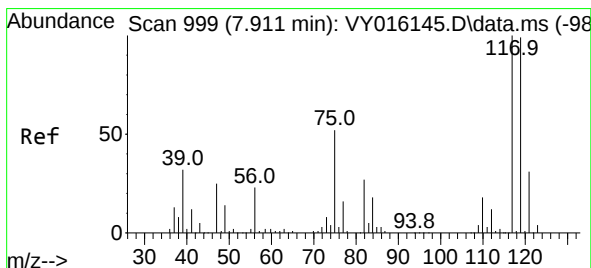
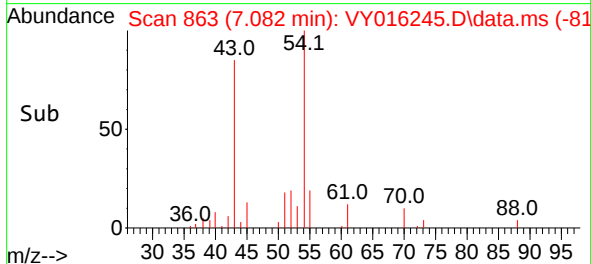
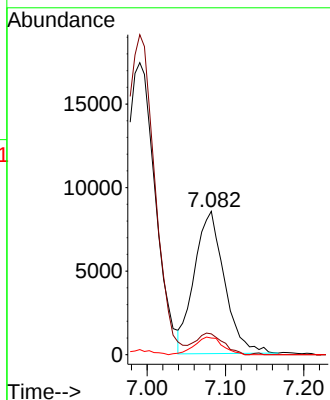
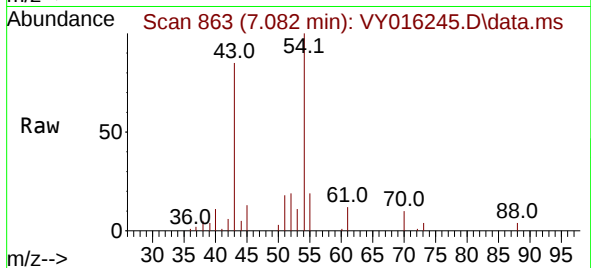
#37
Ethyl Acetate
Concen: 21.622 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 22800
Ion Ratio Lower Upper
43 100
61 13.6 10.1 15.1
70 11.5 7.1 10.7

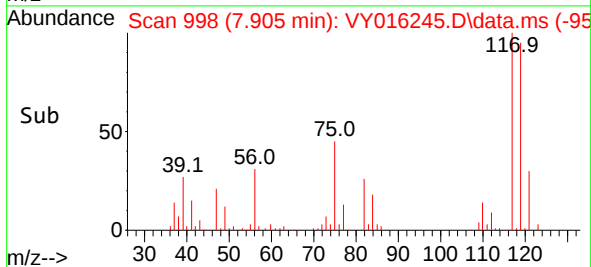
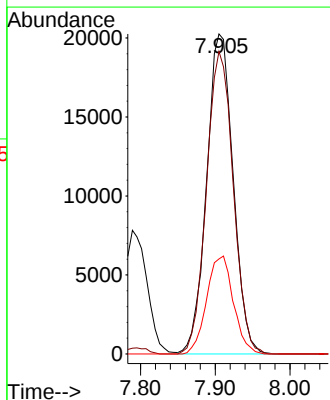
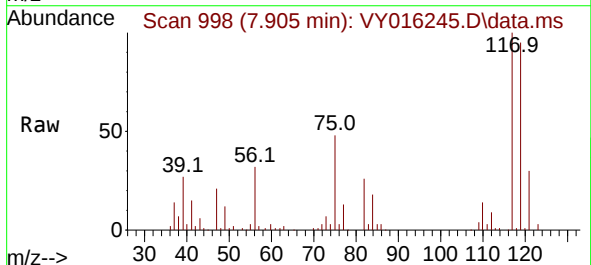
Manual Integrations
APPROVED

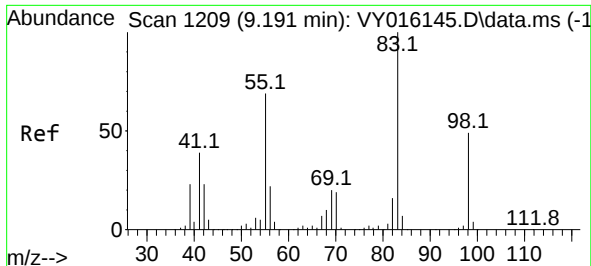
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 21.310 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion:117 Resp: 49996
Ion Ratio Lower Upper
117 100
119 94.5 76.4 114.6
121 29.7 25.8 38.6





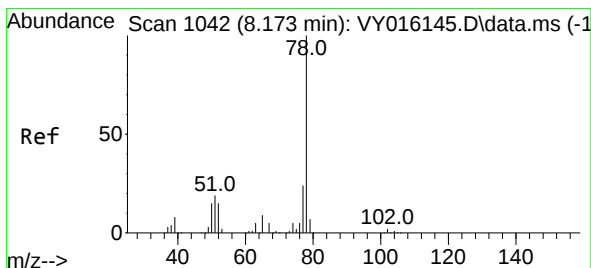
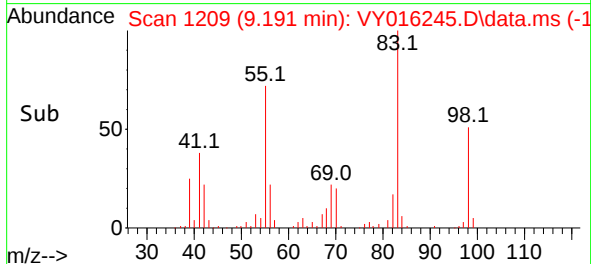
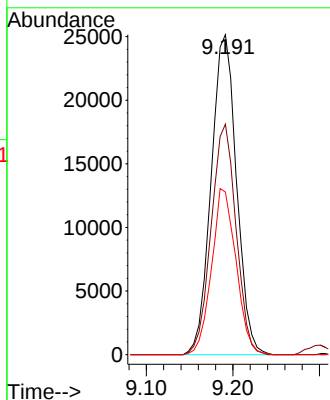
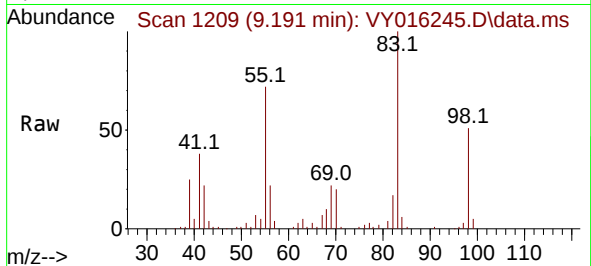
#39
Methylcyclohexane
Concen: 18.094 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 83 Resp: 51140
Ion Ratio Lower Upper
83 100
55 72.0 63.0 94.4
98 50.8 37.4 56.2

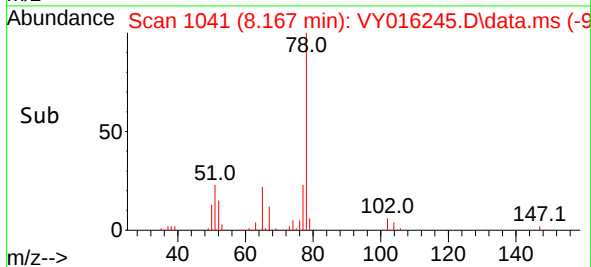
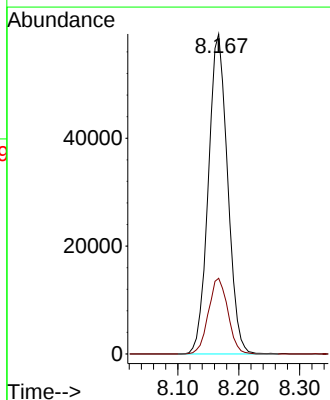
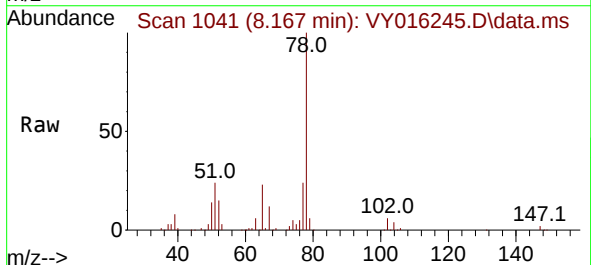
Manual Integrations
APPROVED

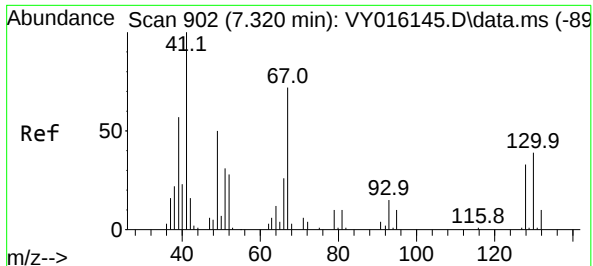
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#40
Benzene
Concen: 19.134 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

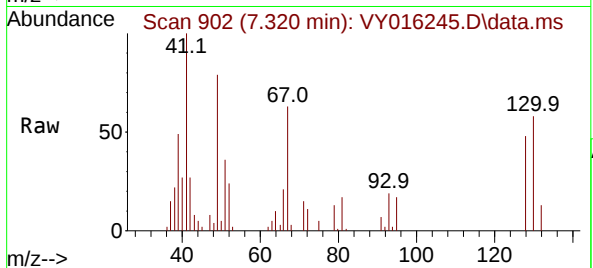
Tgt Ion: 78 Resp: 130087
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 21.954 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

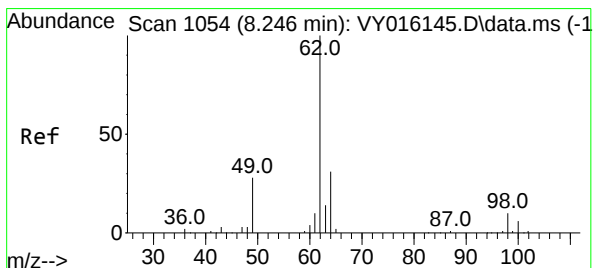
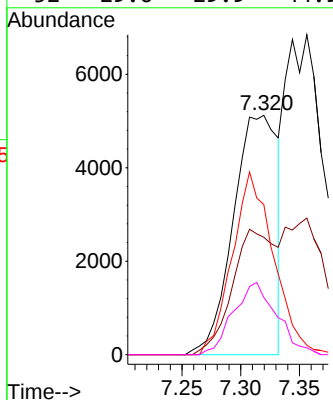
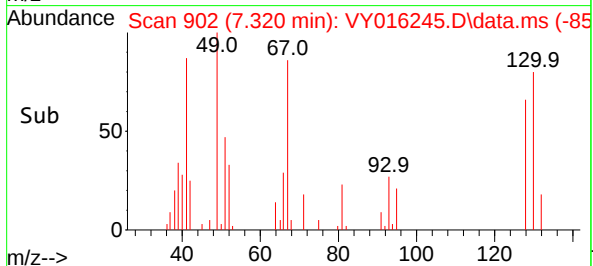
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



Tgt Ion: 41 Resp: 1344
Ion Ratio Lower Upper
41 100
39 51.5 52.1 78.1
67 71.5 66.2 99.2
52 29.6 29.9 44.9

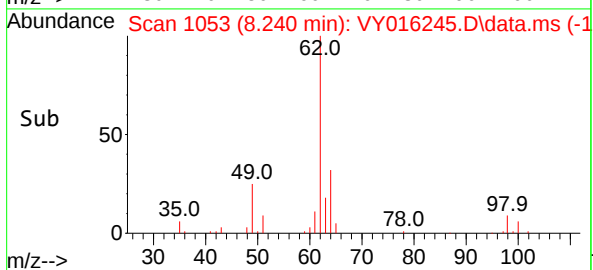
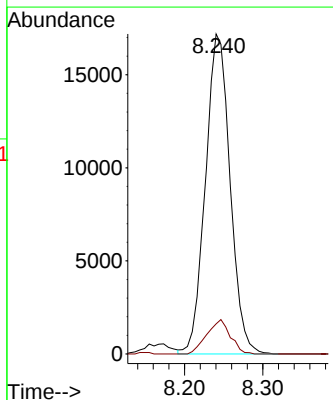
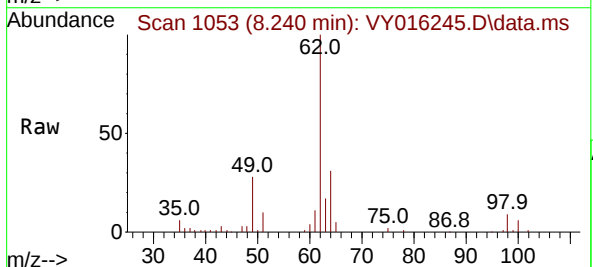
Manual Integrations
APPROVED

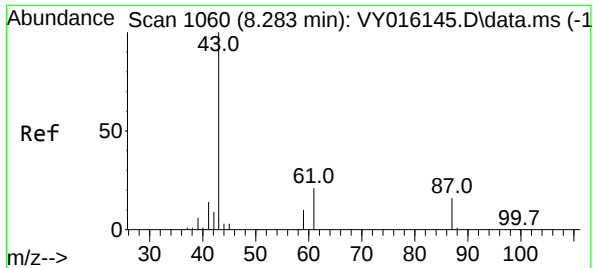
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 19.825 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 62 Resp: 37614
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





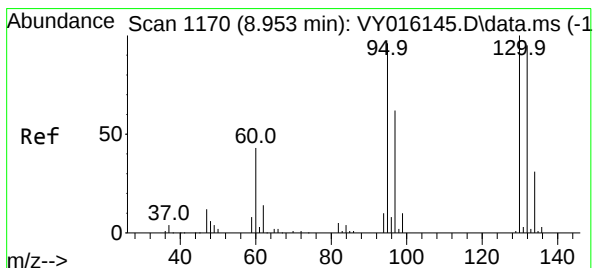
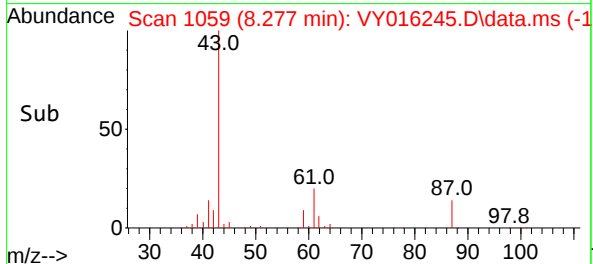
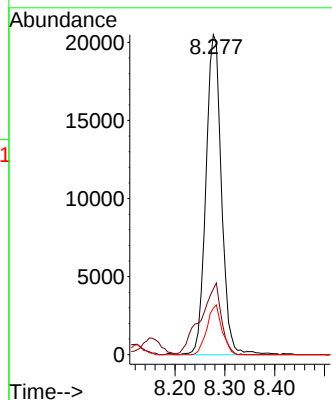
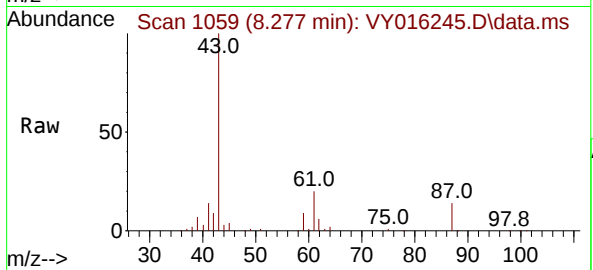
#43
Isopropyl Acetate
Concen: 21.244 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 4432
Ion Ratio Lower Upper
43 100
61 30.0 21.1 31.7
87 15.0 9.8 14.8

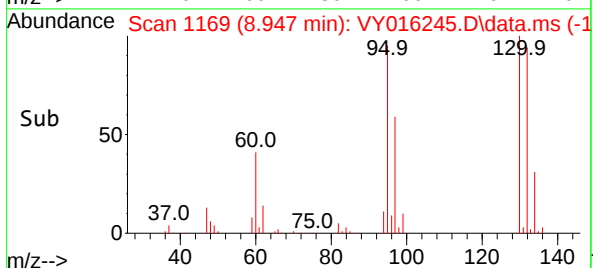
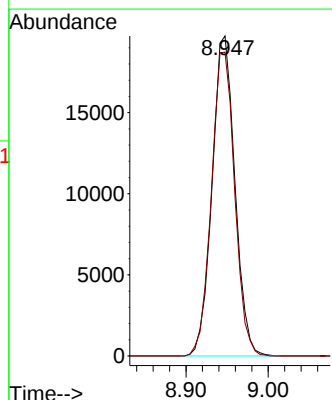
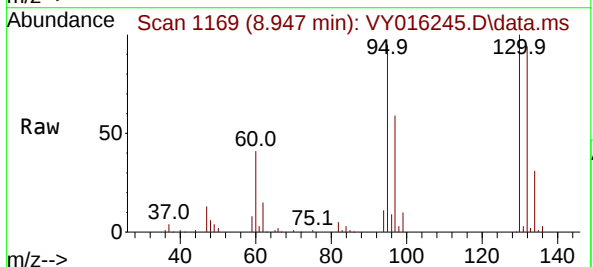
Manual Integrations
APPROVED

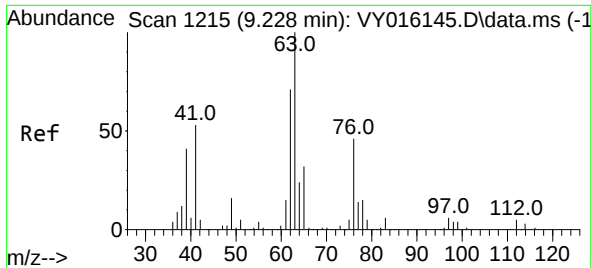
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 19.094 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

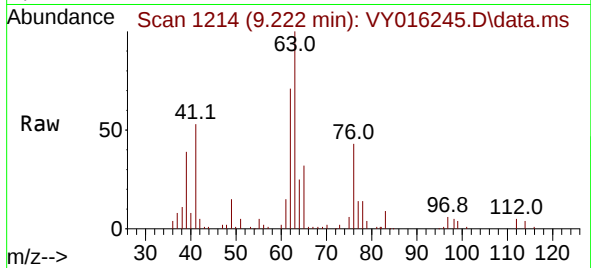
Tgt Ion:130 Resp: 37988
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0





#45
1,2-Dichloropropane
Concen: 20.997 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

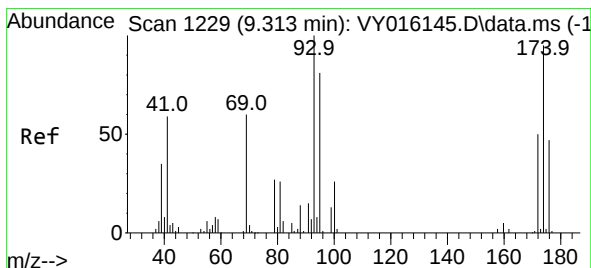
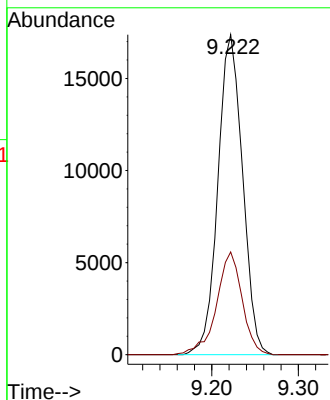
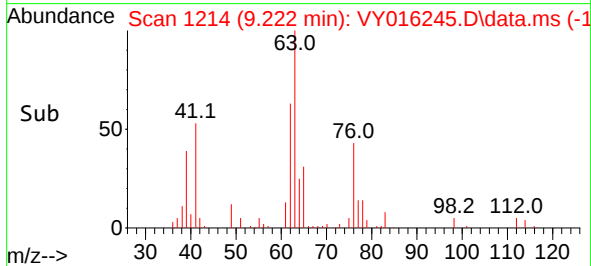
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



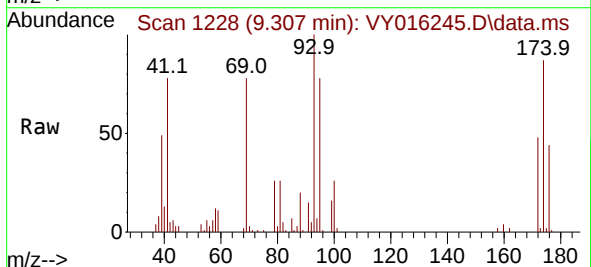
Tgt Ion: 63 Resp: 34340
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.6

Manual Integrations
APPROVED

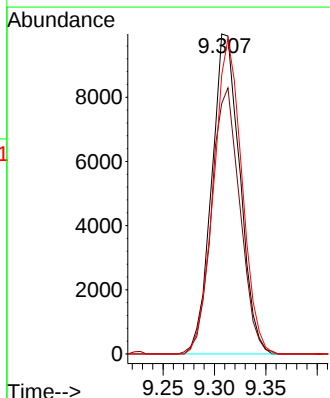
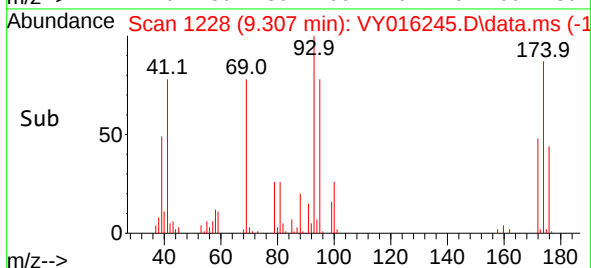
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

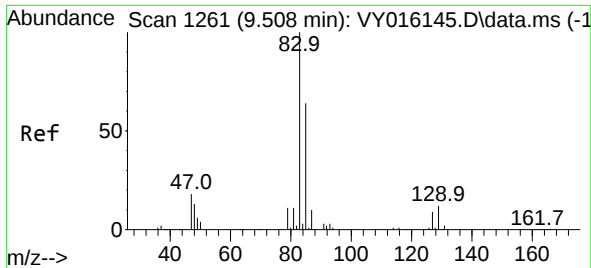


#46
Dibromomethane
Concen: 20.461 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion: 93 Resp: 18983
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 98.8 84.8 127.2





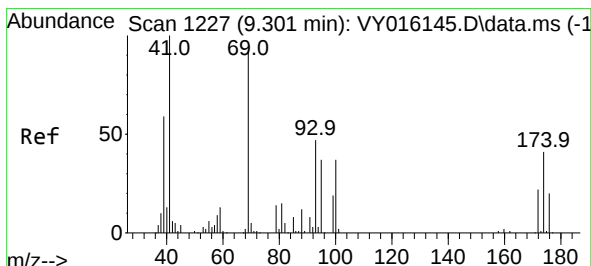
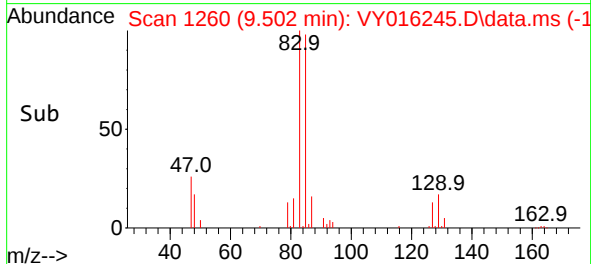
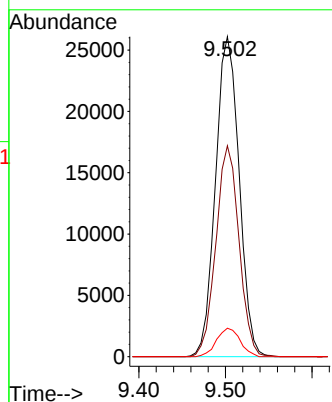
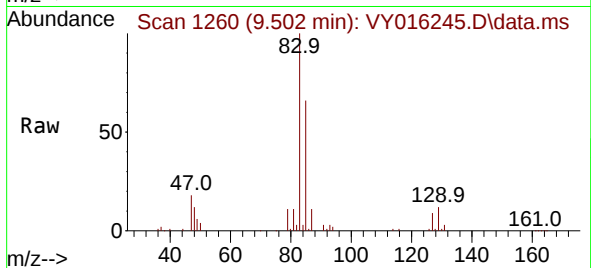
#47
Bromodichloromethane
Concen: 20.982 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 83 Resp: 49460
Ion Ratio Lower Upper
83 100
85 65.9 50.1 75.1
127 8.9 7.1 10.7

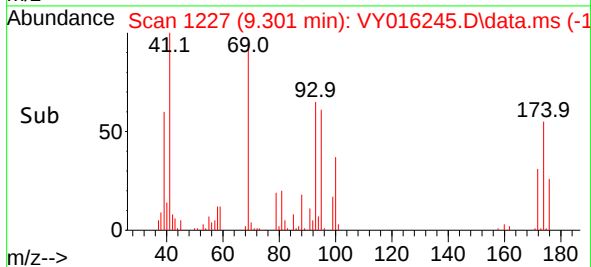
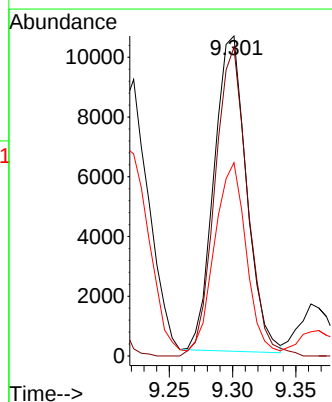
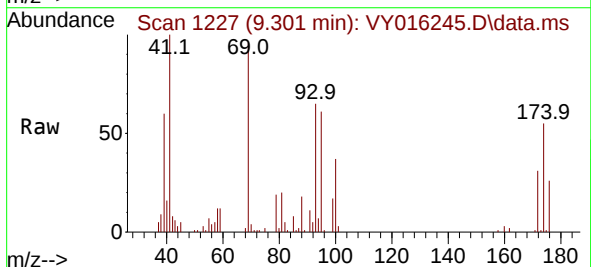
Manual Integrations
APPROVED

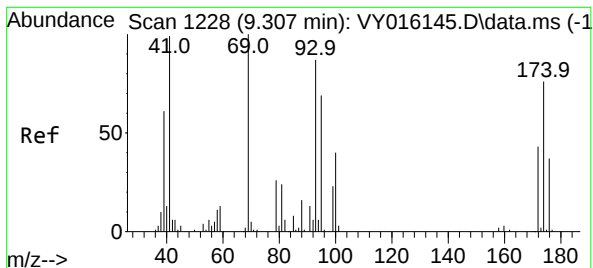
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#48
Methyl methacrylate
Concen: 19.882 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 41 Resp: 18862
Ion Ratio Lower Upper
41 100
69 97.6 64.5 96.7#
39 57.7 50.8 76.2





#49

1,4-Dioxane

Concen: 364.880 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 88 Resp: 484

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0

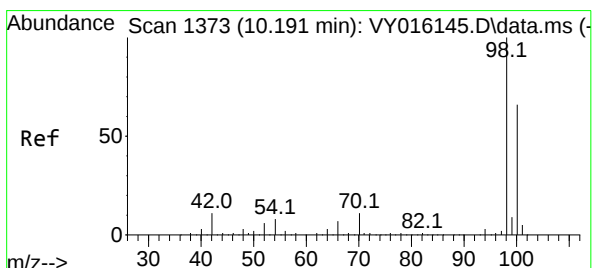
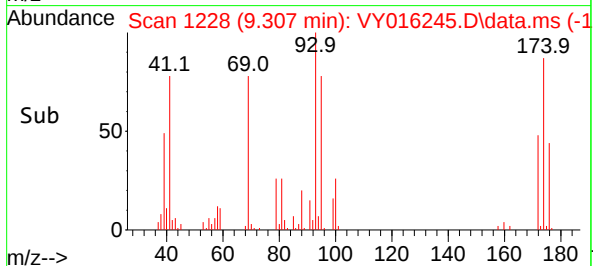
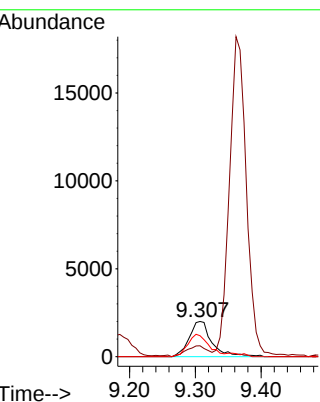
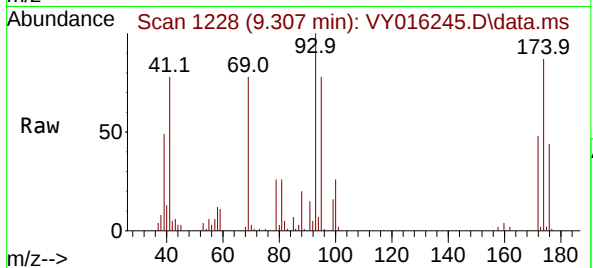
58 58.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#50

Toluene-d8

Concen: 50.015 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016245.D

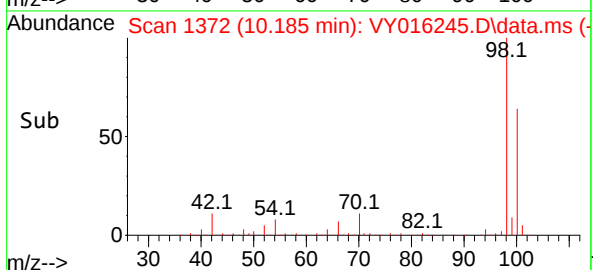
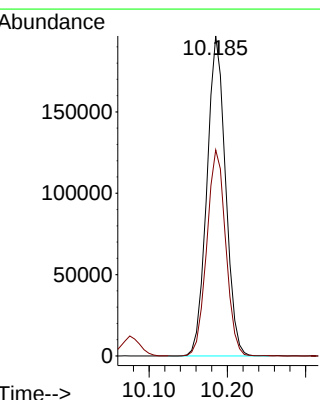
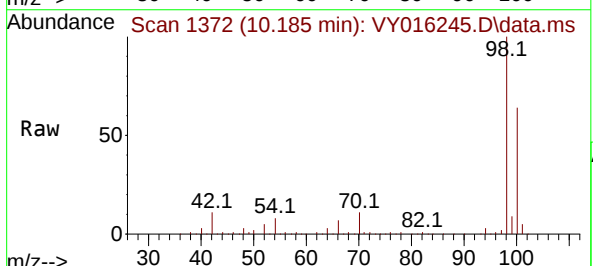
Acq: 07 Nov 2023 10:08

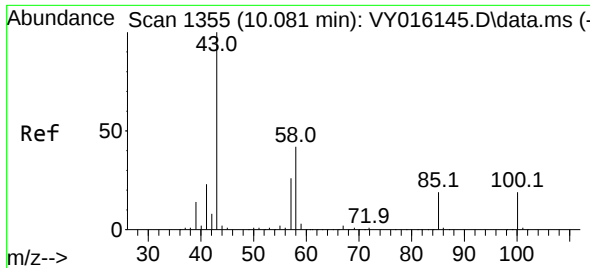
Tgt Ion: 98 Resp: 325208

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





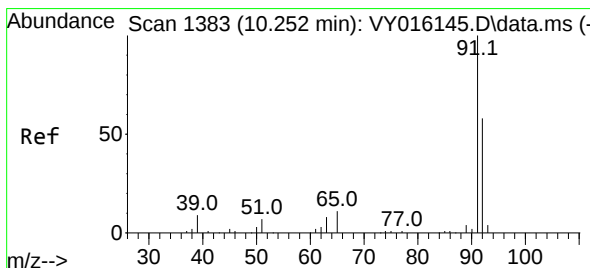
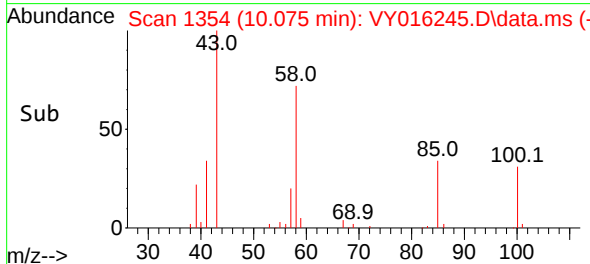
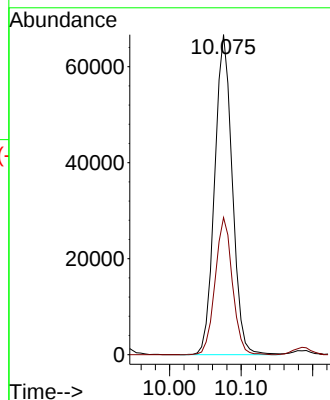
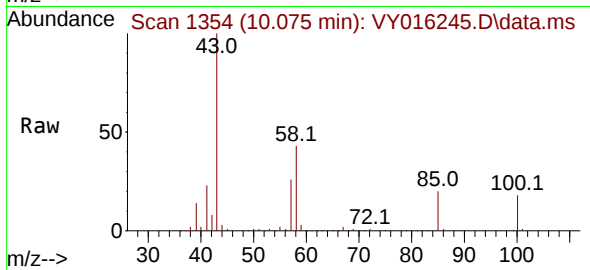
#51
4-Methyl-2-Pentanone
Concen: 109.677 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 114170
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6

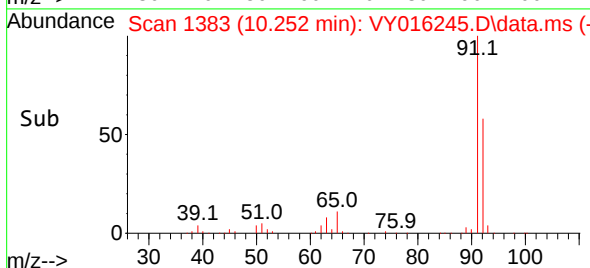
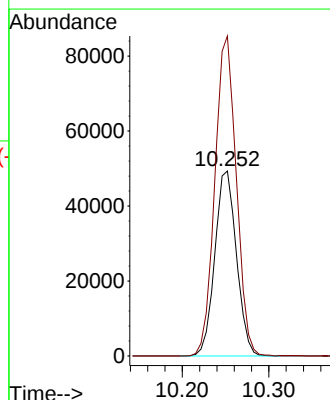
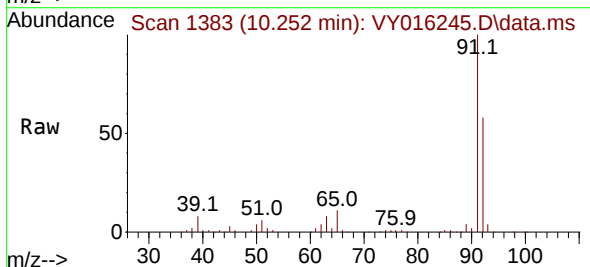
Manual Integrations
APPROVED

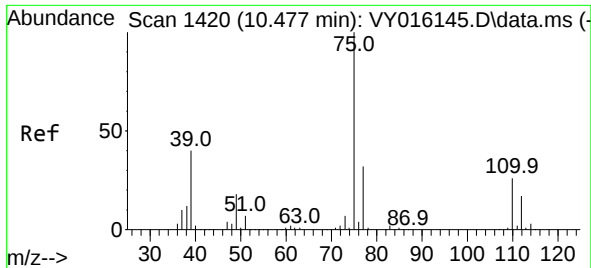
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 19.415 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

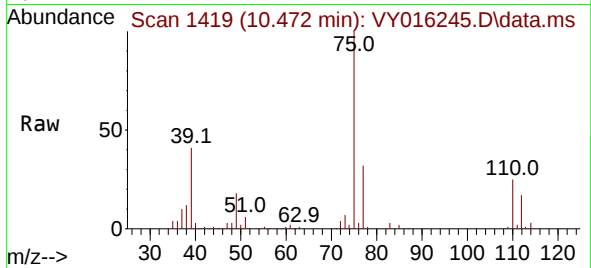
Tgt Ion: 92 Resp: 85533
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 20.518 ug/l
 RT: 10.472 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016245.D
 Acq: 07 Nov 2023 10:08

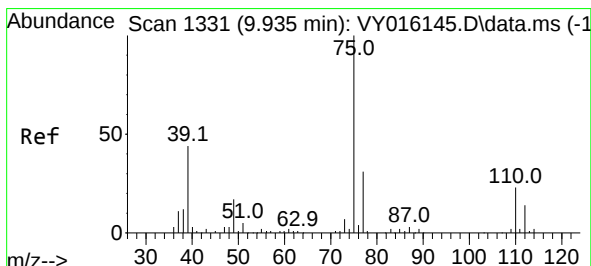
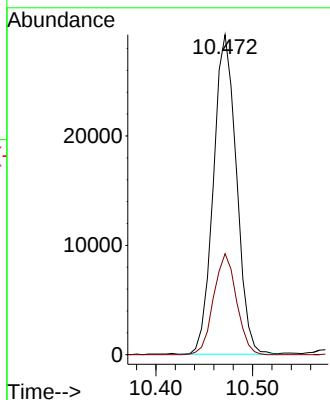
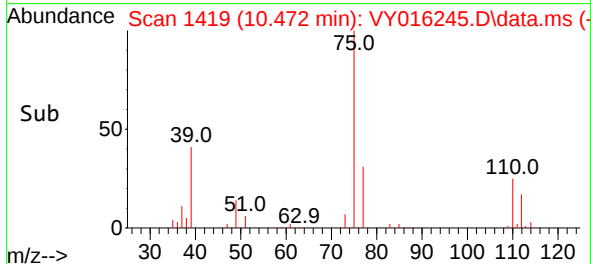
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01



Tgt Ion: 75 Resp: 4828
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4

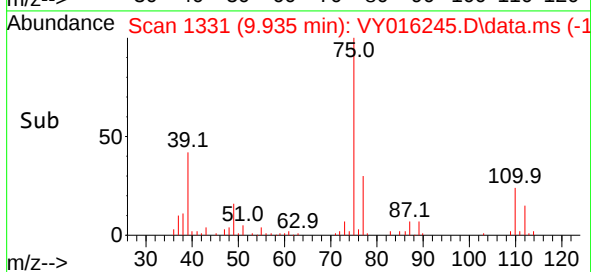
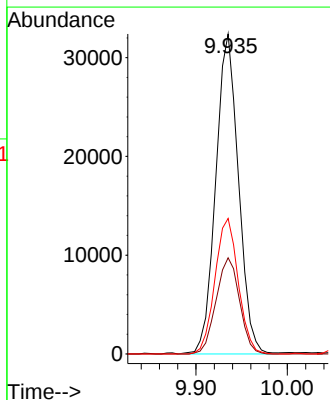
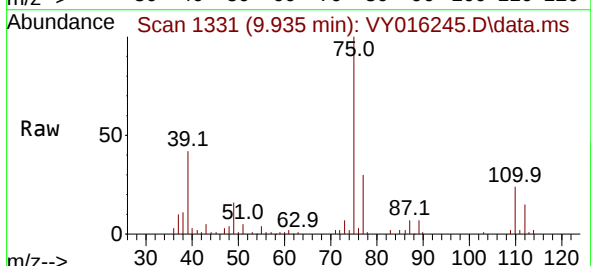
Manual Integrations
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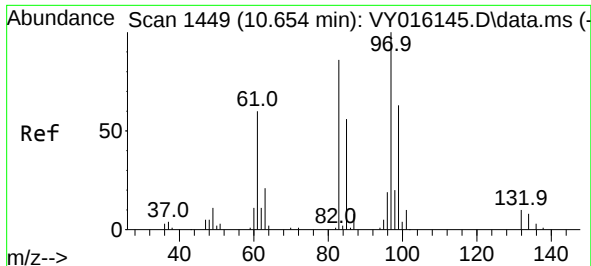
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.275 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016245.D
 Acq: 07 Nov 2023 10:08

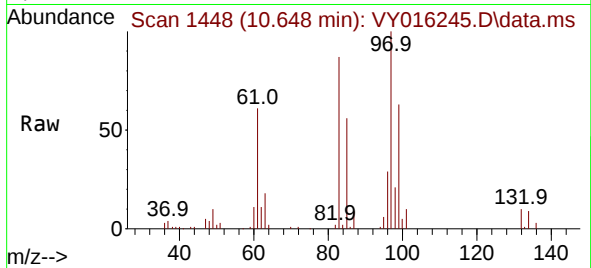
Tgt Ion: 75 Resp: 55985
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.2 36.4
 39 42.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.339 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

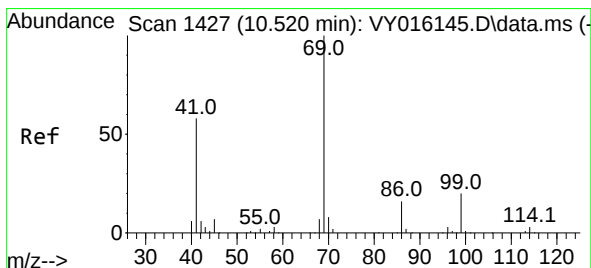
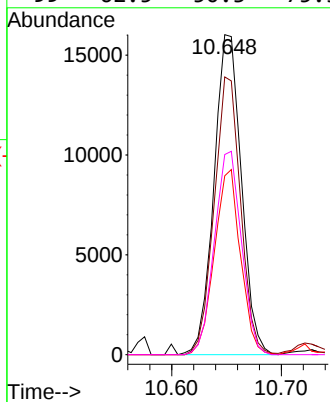
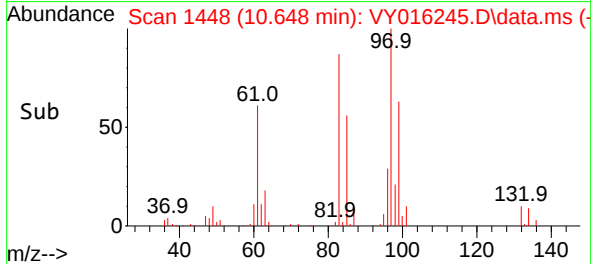
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



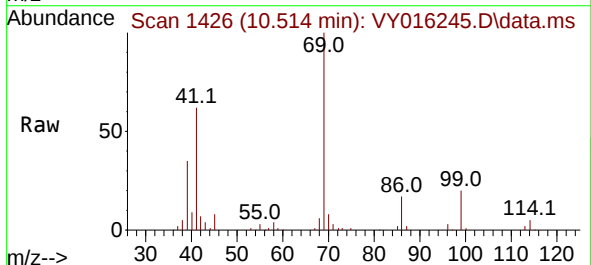
Tgt Ion: 97 Resp: 2784
Ion Ratio Lower Upper
97 100
83 86.8 72.0 108.0
85 55.9 45.4 68.0
99 62.5 50.3 75.5

Manual Integrations
APPROVED

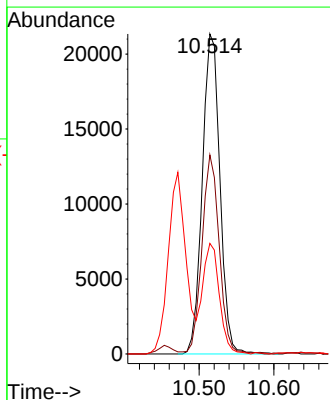
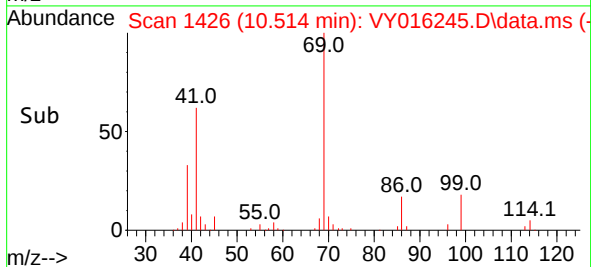
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

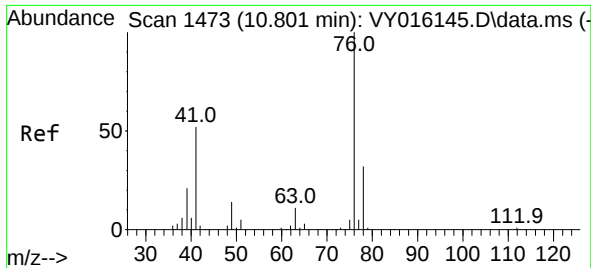


#56
Ethyl methacrylate
Concen: 20.629 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion: 69 Resp: 34963
Ion Ratio Lower Upper
69 100
41 61.0 57.6 86.4
39 32.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.856 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 76 Resp: 46330

Ion Ratio Lower Upper

76 100

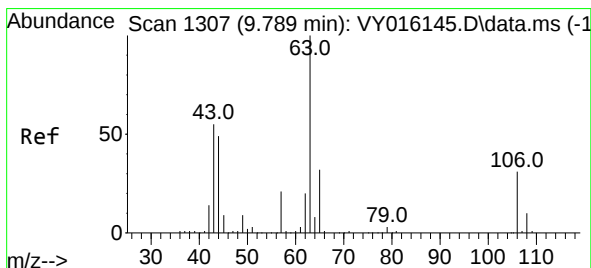
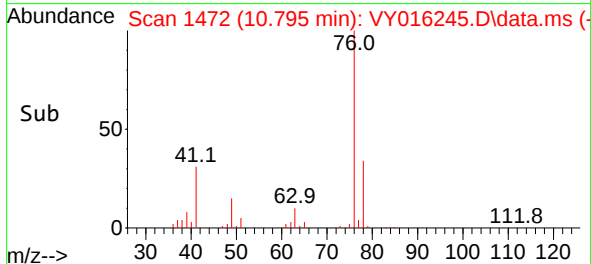
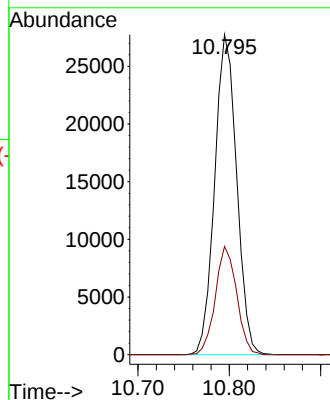
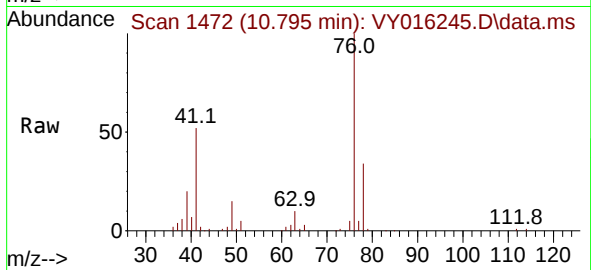
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.974 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY016245.D

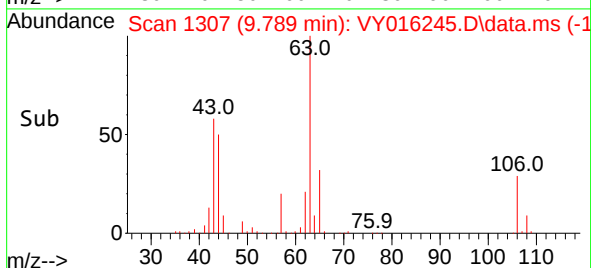
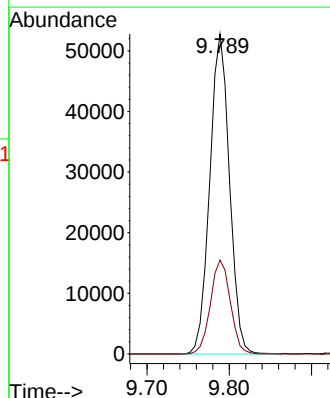
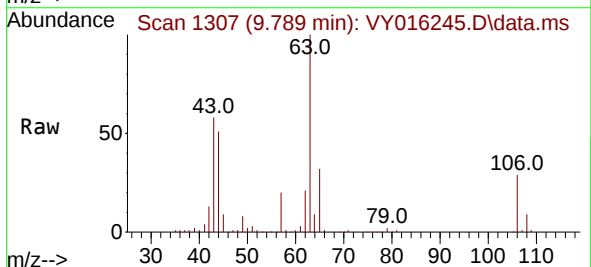
Acq: 07 Nov 2023 10:08

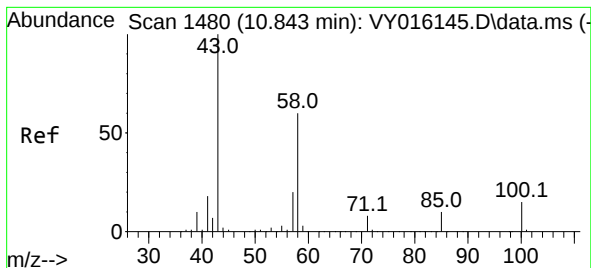
Tgt Ion: 63 Resp: 87916

Ion Ratio Lower Upper

63 100

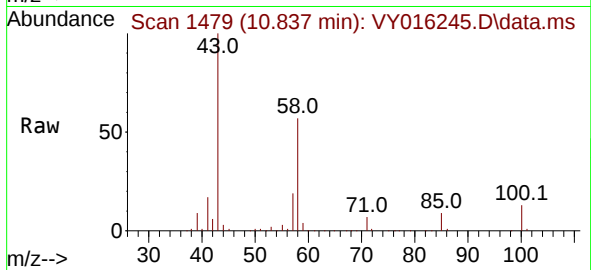
106 29.5 21.2 31.8





#59
2-Hexanone
Concen: 112.424 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

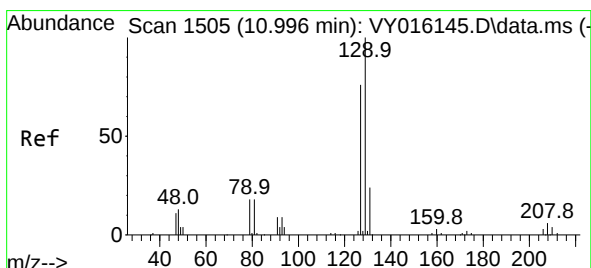
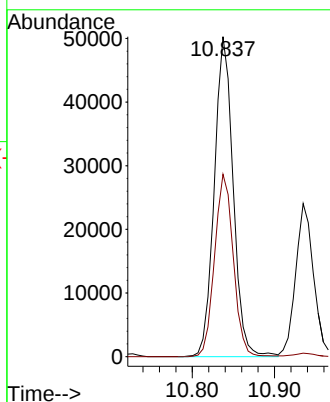
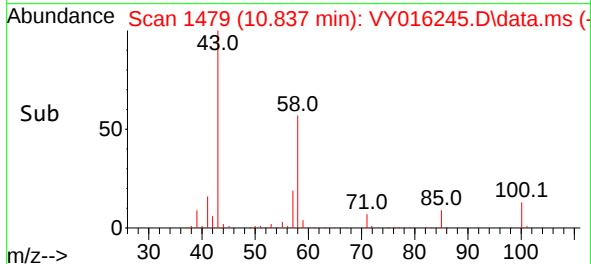
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



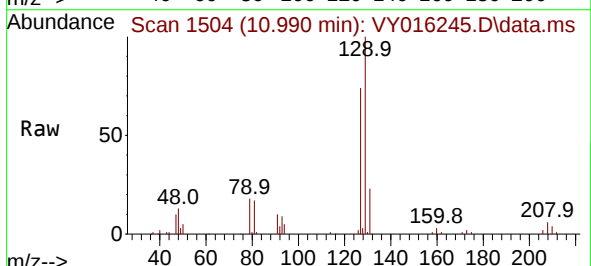
Tgt Ion: 43 Resp: 80200
Ion Ratio Lower Upper
43 100
58 56.5 25.1 75.3

Manual Integrations
APPROVED

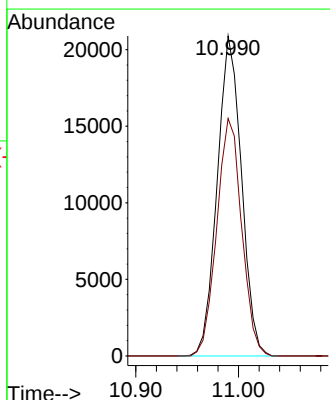
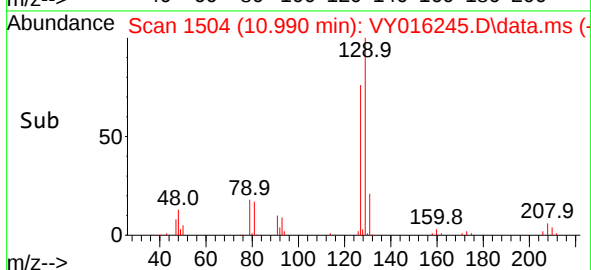
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

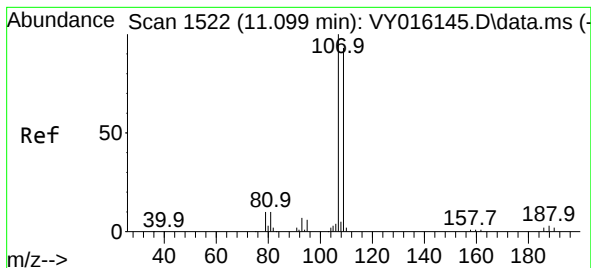


#60
Dibromochloromethane
Concen: 20.915 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion:129 Resp: 34243
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





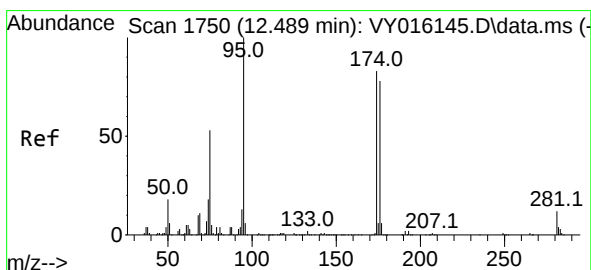
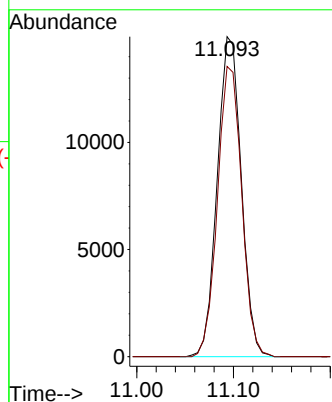
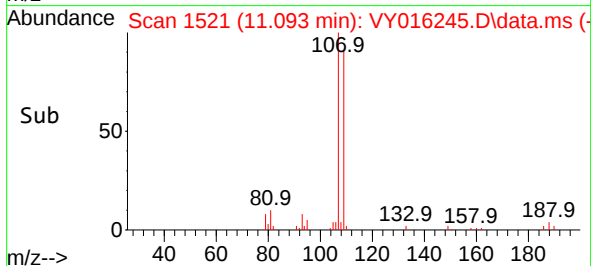
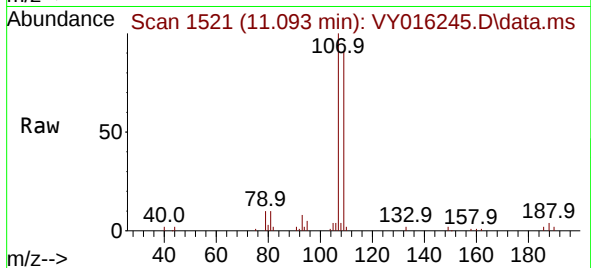
#61
1,2-Dibromoethane
Concen: 20.708 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:107 Resp: 25708
Ion Ratio Lower Upper
107 100
109 91.5 75.6 113.4

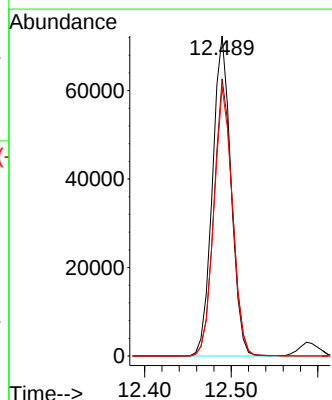
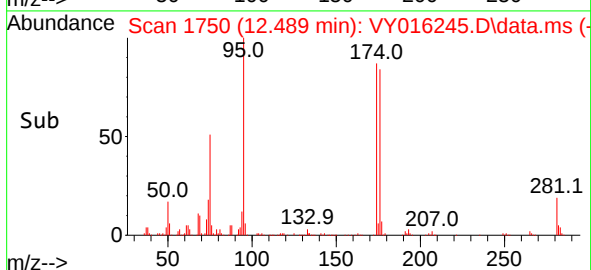
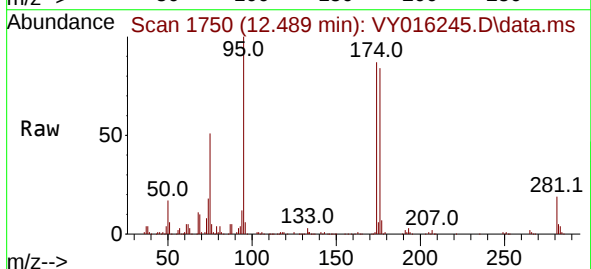
Manual Integrations
APPROVED

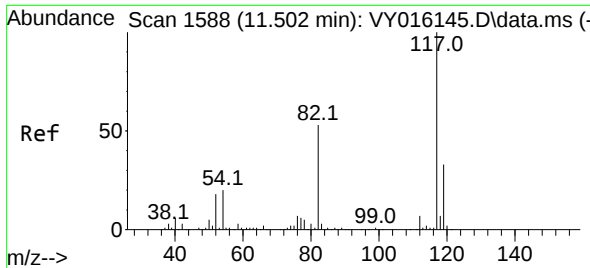
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#62
4-Bromofluorobenzene
Concen: 48.413 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

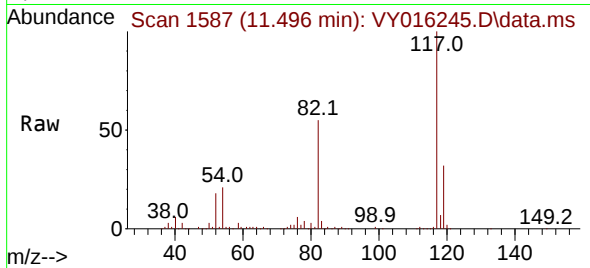
Tgt Ion: 95 Resp: 107641
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

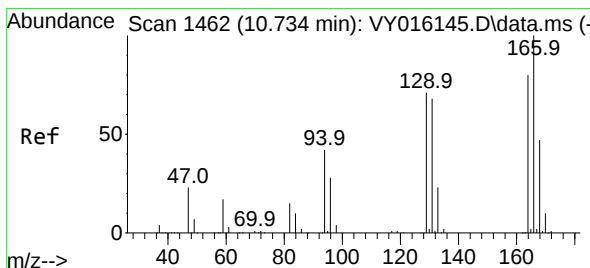
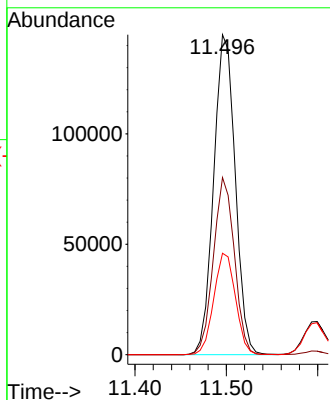
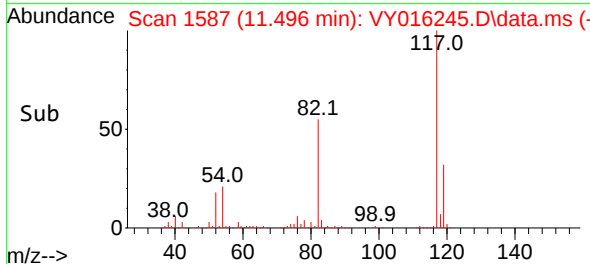
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



Tgt Ion:117 Resp: 23762
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 31.7 26.3 39.5

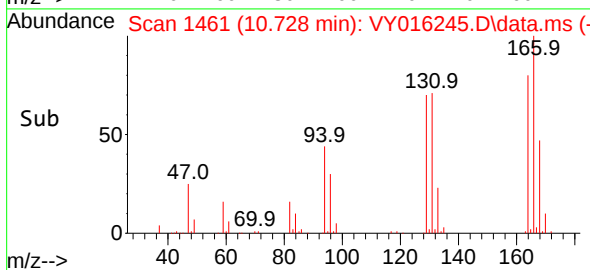
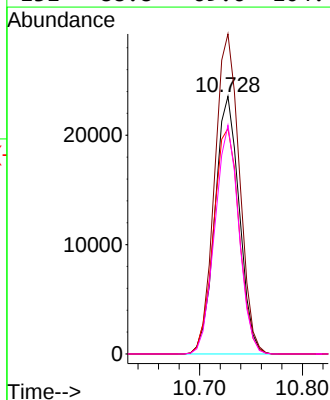
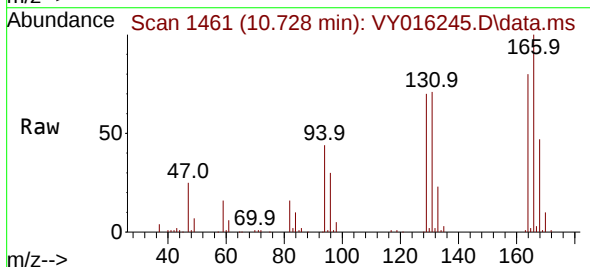
Manual Integrations
APPROVED

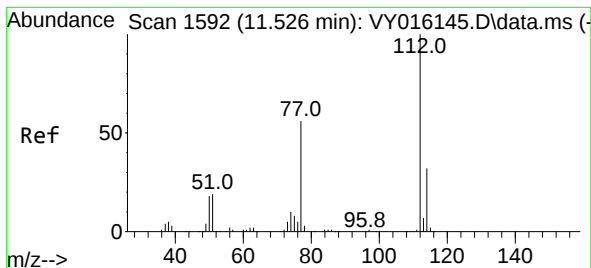
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 18.367 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion:164 Resp: 38821
Ion Ratio Lower Upper
164 100
166 124.3 103.0 154.6
129 87.6 77.2 115.8
131 88.8 69.6 104.4





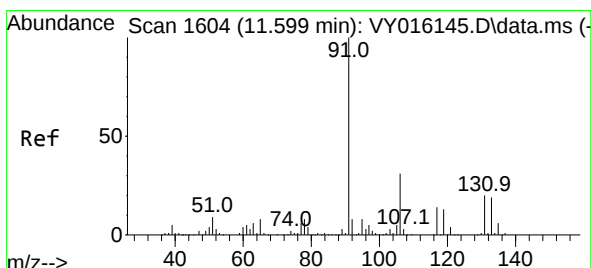
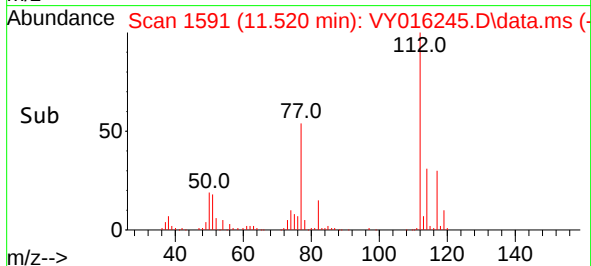
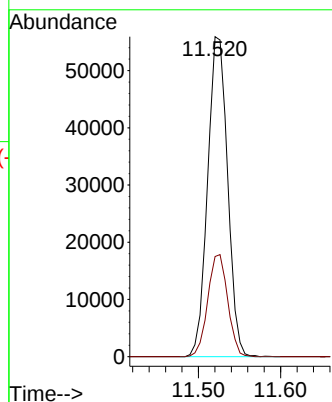
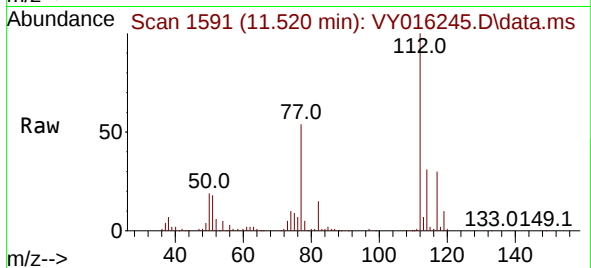
#65
Chlorobenzene
Concen: 19.971 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:112 Resp: 94284
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

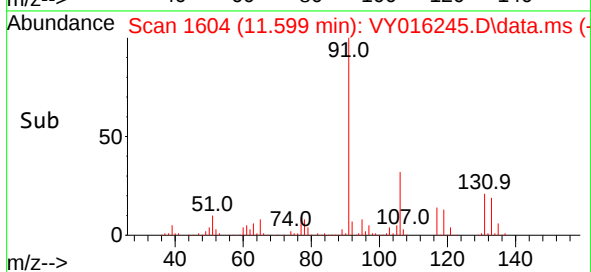
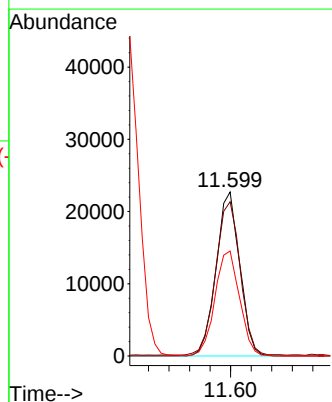
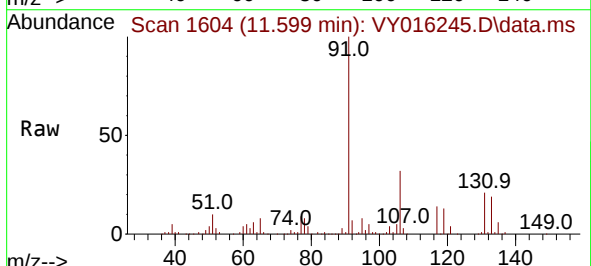
Manual Integrations
APPROVED

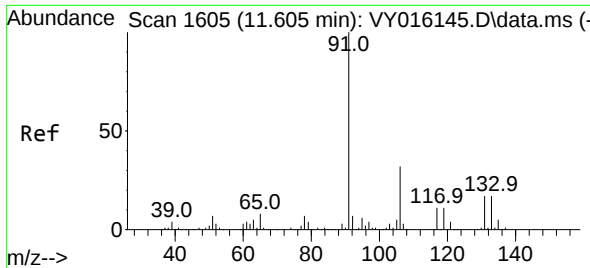
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.695 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion:131 Resp: 36188
Ion Ratio Lower Upper
131 100
133 98.0 47.5 142.6
119 66.8 31.6 94.7





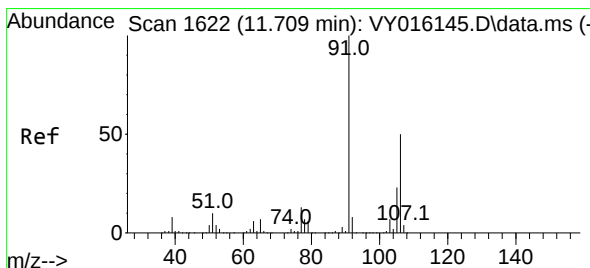
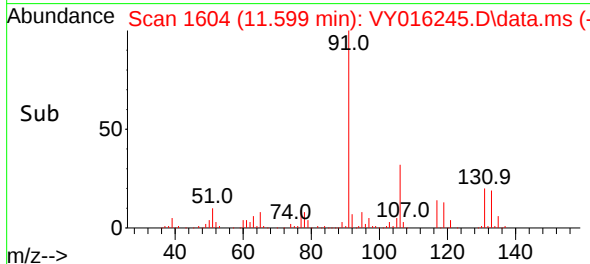
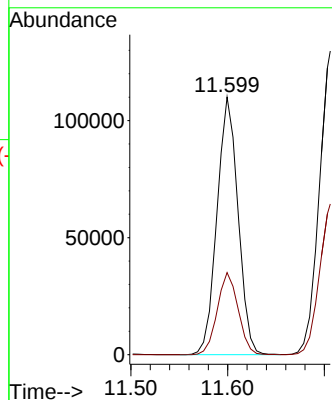
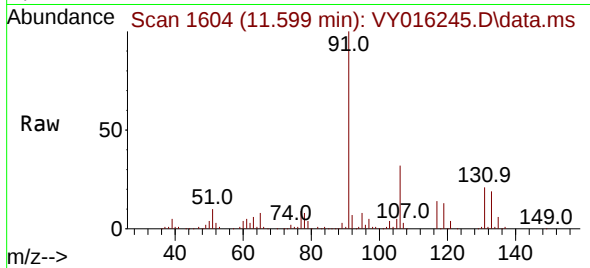
#67
Ethyl Benzene
Concen: 19.676 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 91 Resp: 166149
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

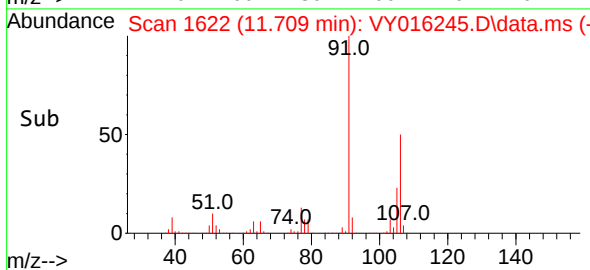
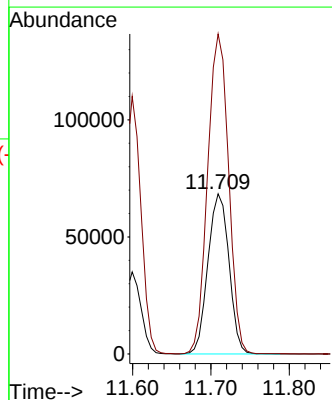
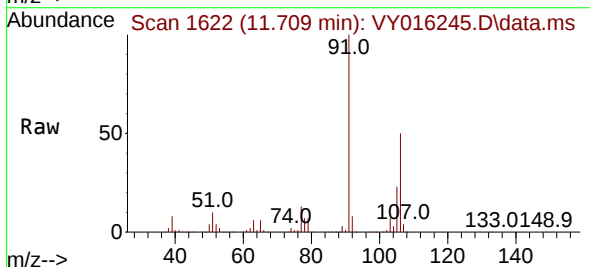
Manual Integrations
APPROVED

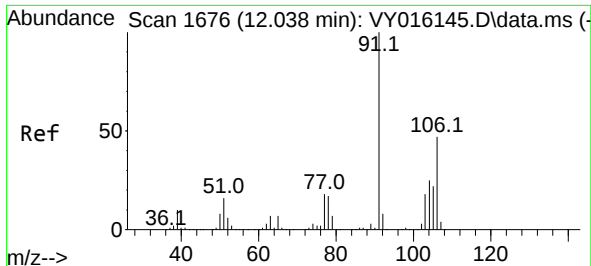
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#68
m/p-Xylenes
Concen: 39.123 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion:106 Resp: 127656
Ion Ratio Lower Upper
106 100
91 198.9 166.1 249.1





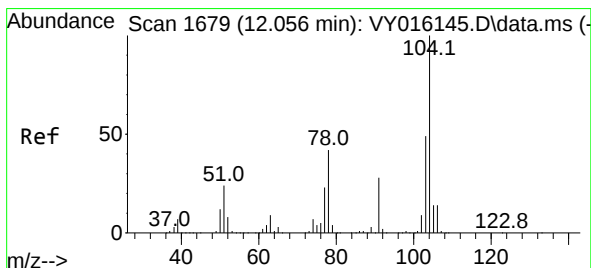
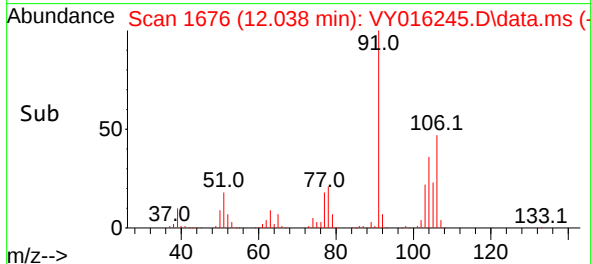
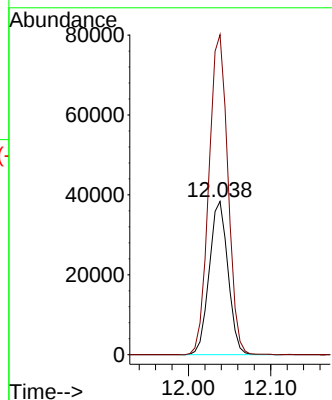
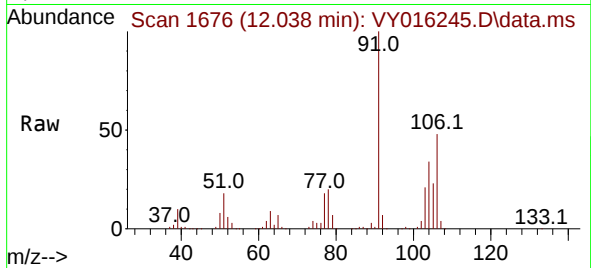
#69
o-Xylene
Concen: 19.483 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:106 Resp: 60698
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.3

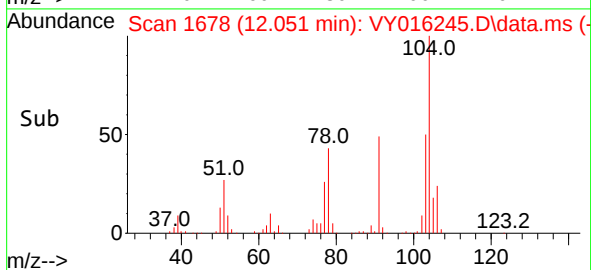
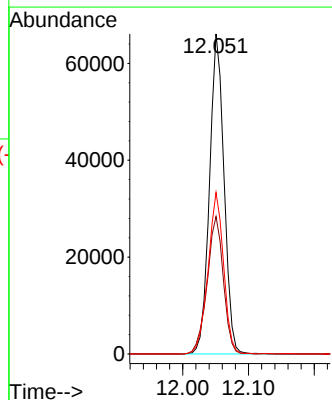
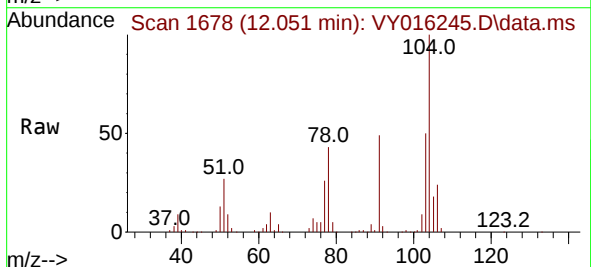
Manual Integrations
APPROVED

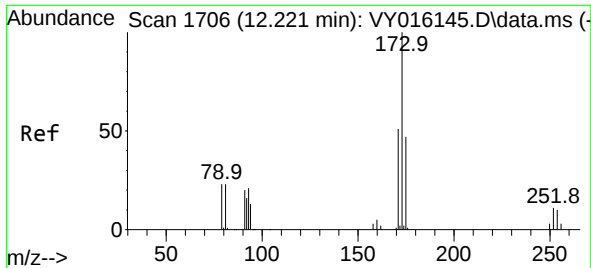
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 19.663 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

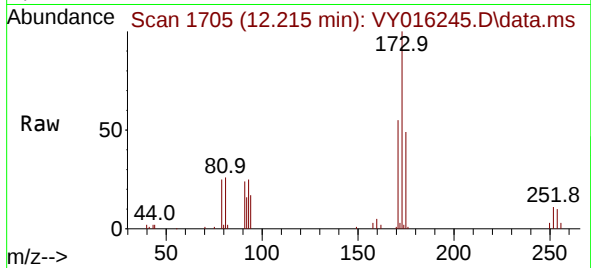
Tgt Ion:104 Resp: 101835
Ion Ratio Lower Upper
104 100
78 47.7 41.5 62.3
103 54.0 44.6 67.0





#71
Bromoform
Concen: 21.509 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

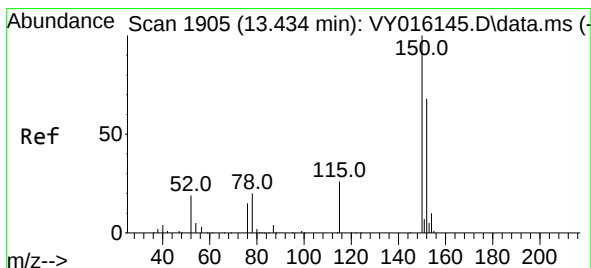
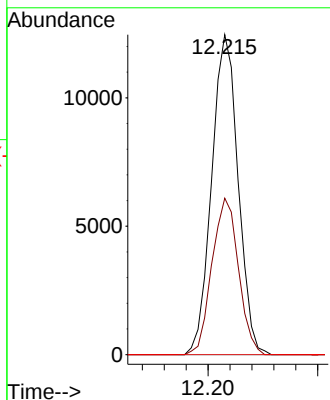
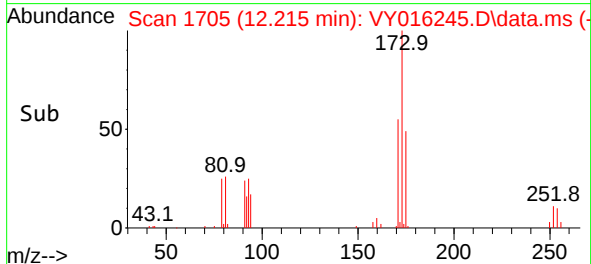
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



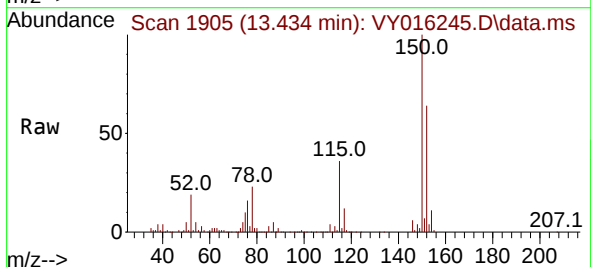
Tgt Ion:173 Resp: 2086
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

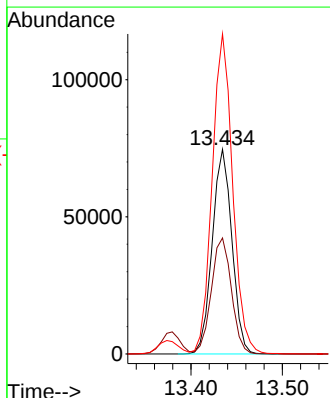
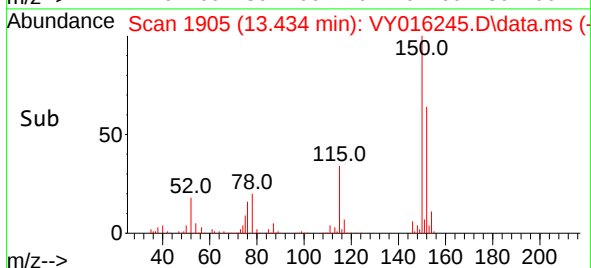
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

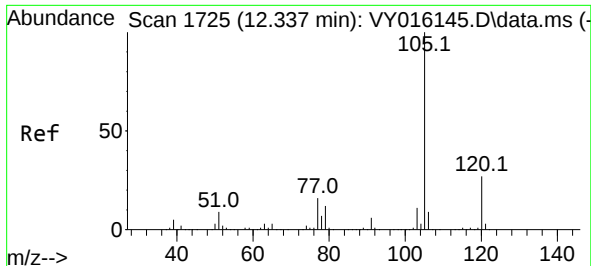


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



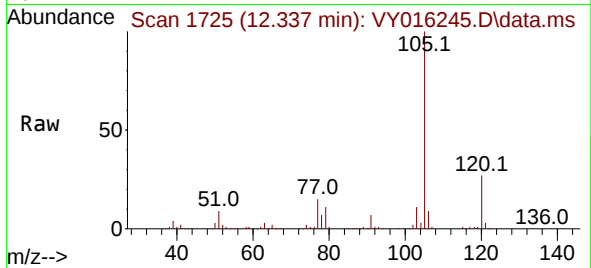
Tgt Ion:152 Resp: 111499
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 163.0 0.0 348.8





#73
Isopropylbenzene
Concen: 20.074 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

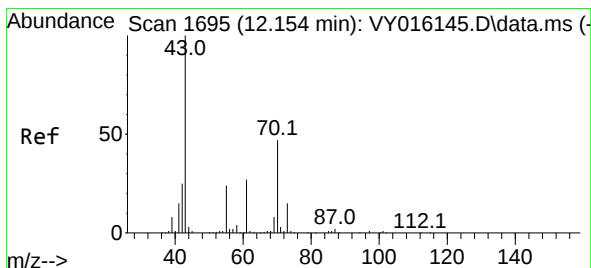
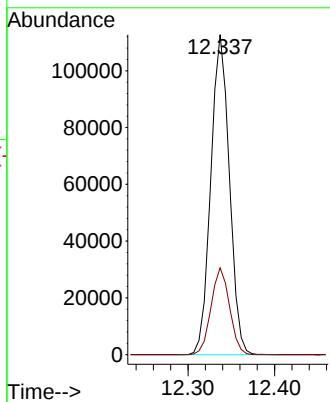
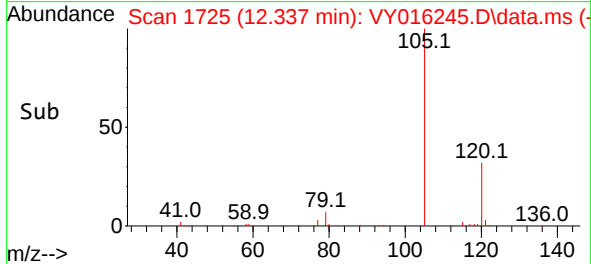
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



Tgt Ion:105 Resp: 167894
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

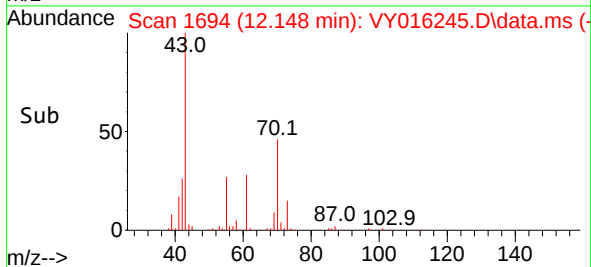
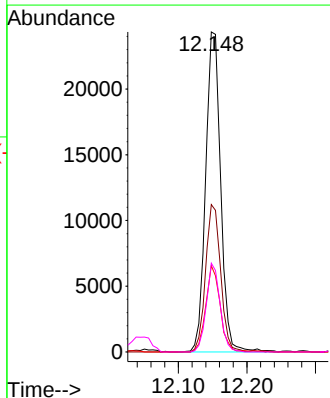
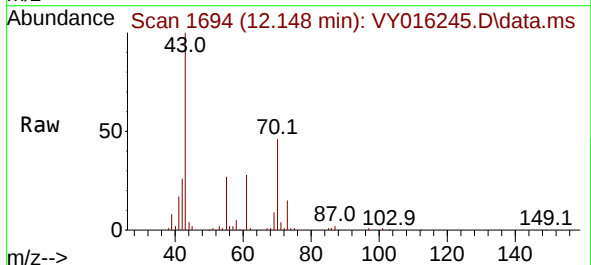
Manual Integrations
APPROVED

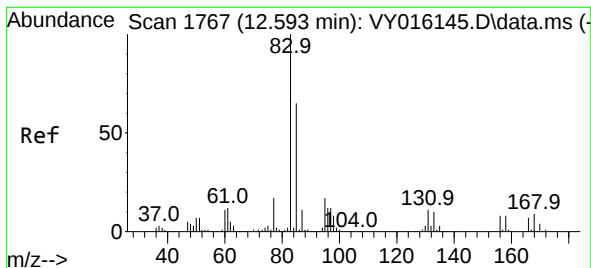
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#74
N-ethyl acetate
Concen: 20.546 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 43 Resp: 37343
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 25.9 18.3 27.5
61 25.3 17.5 26.3





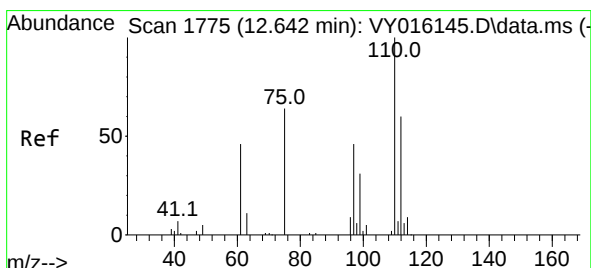
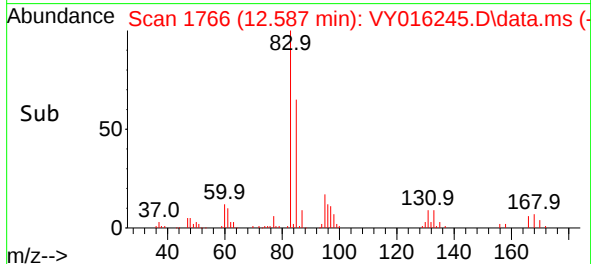
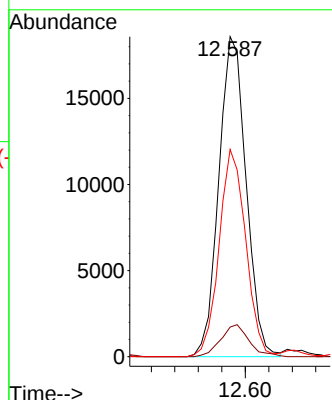
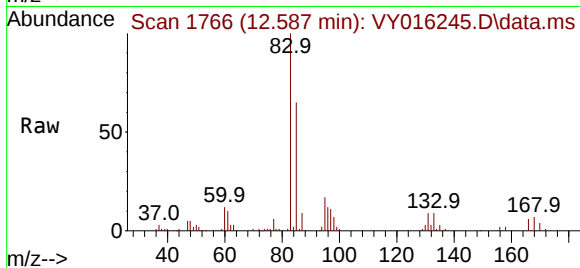
#75
1,1,2,2-Tetrachloroethane
Concen: 22.559 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 83 Resp: 3002
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 63.0 31.8 95.4

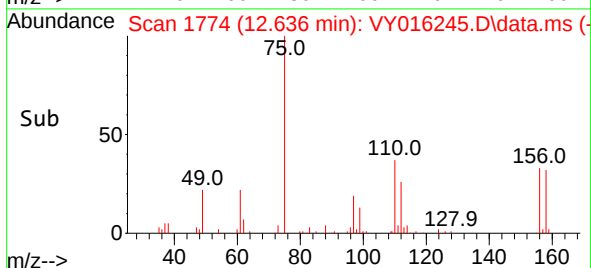
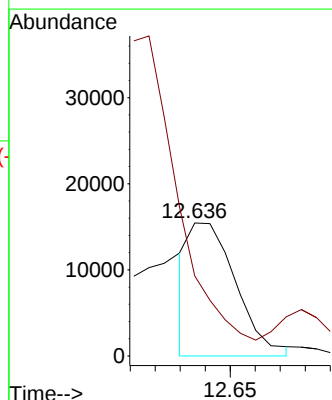
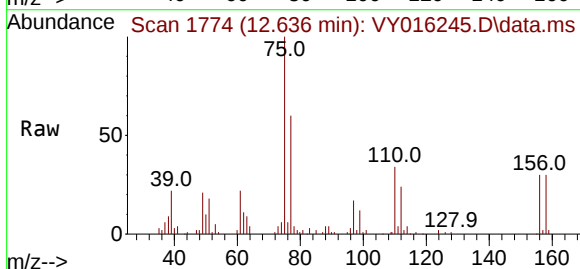
Manual Integrations
APPROVED

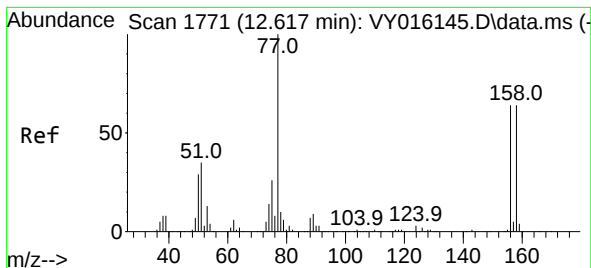
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 19.228 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 75 Resp: 20189
Ion Ratio Lower Upper
75 100
77 337.4 0.0 0.0#





#77

Bromobenzene

Concen: 20.267 ug/l

RT: 12.618 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

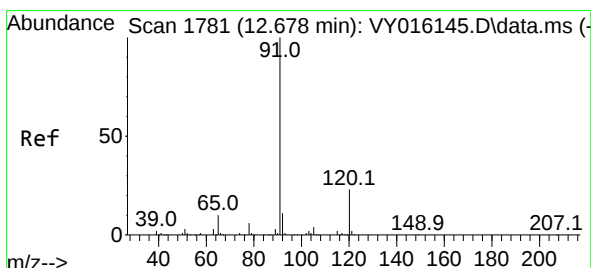
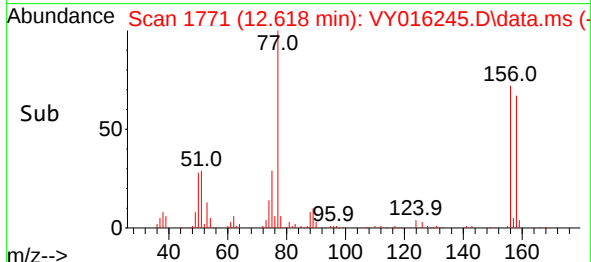
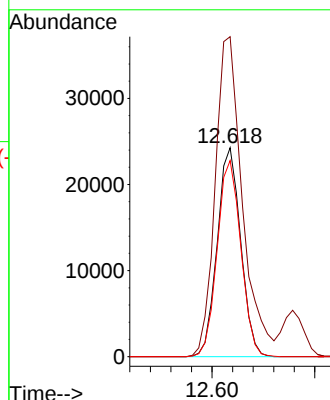
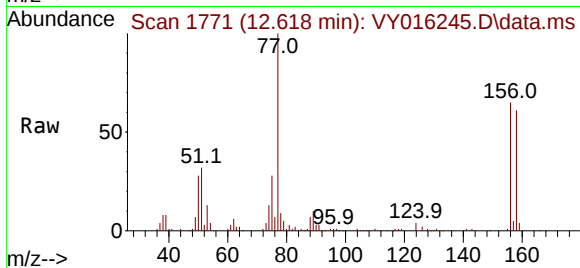
Tgt Ion:	156	Resp:	3838
Ion Ratio	Lower	Upper	
156	100		
77	177.5	92.8	278.6
158	94.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 20.260 ug/l

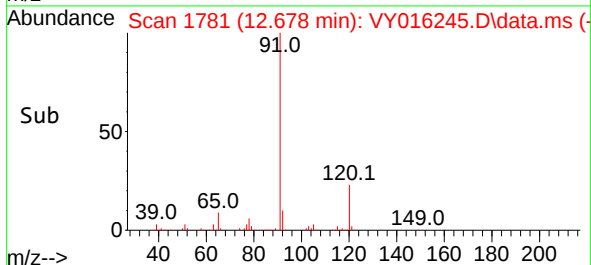
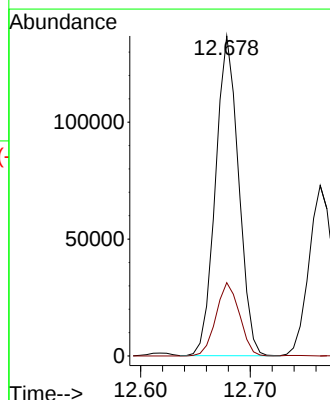
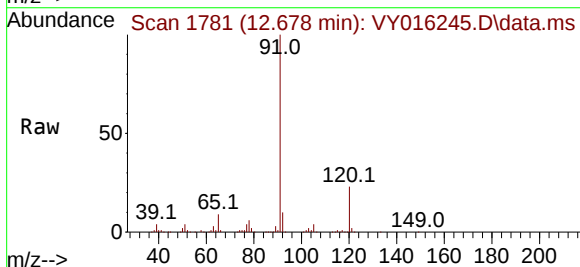
RT: 12.678 min Scan# 1781

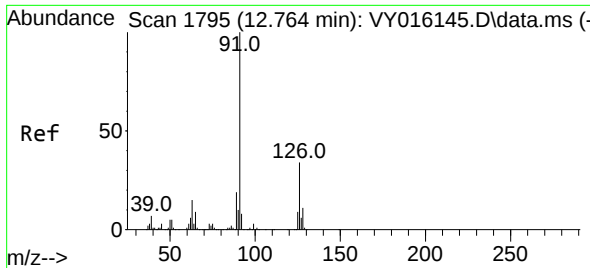
Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

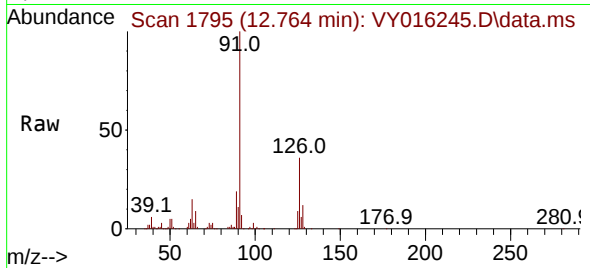
Tgt Ion:	91	Resp:	200334
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.028 ug/l
RT: 12.764 min Scan# 110459
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

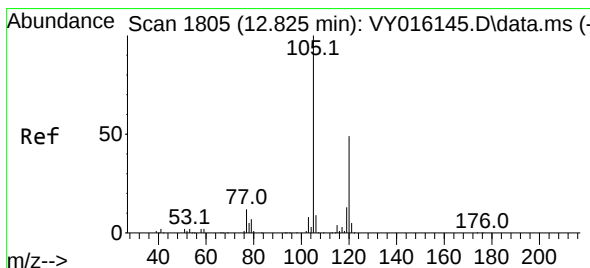
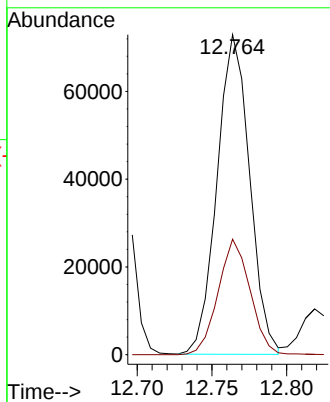
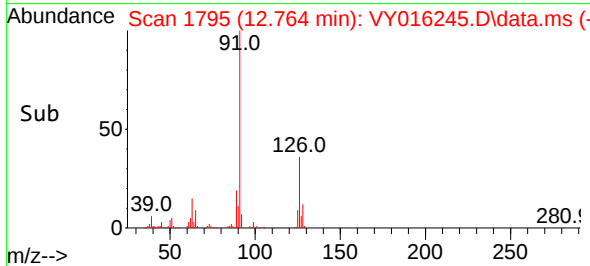
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



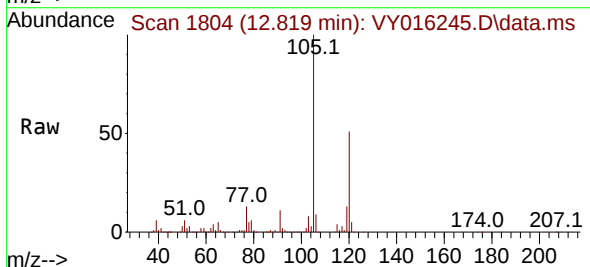
Tgt Ion: 91 Resp: 110459
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

Manual Integrations
APPROVED

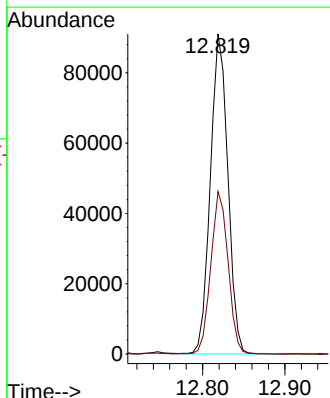
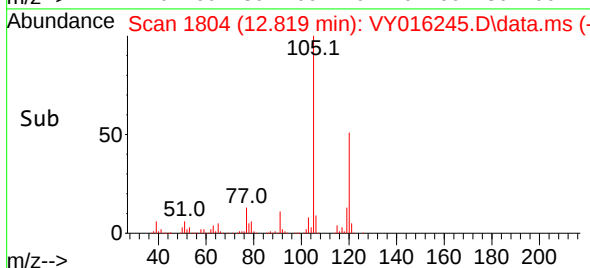
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

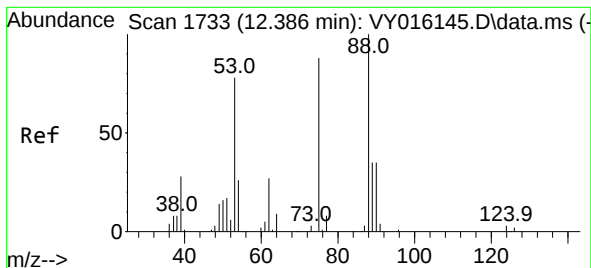


#80
1,3,5-Trimethylbenzene
Concen: 19.891 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion:105 Resp: 134785
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7





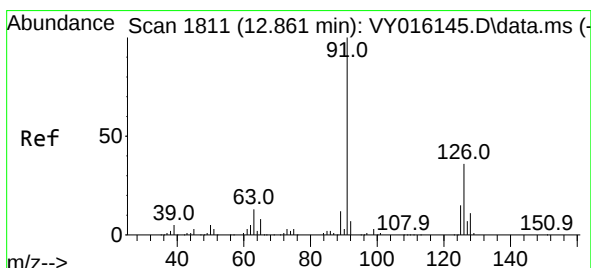
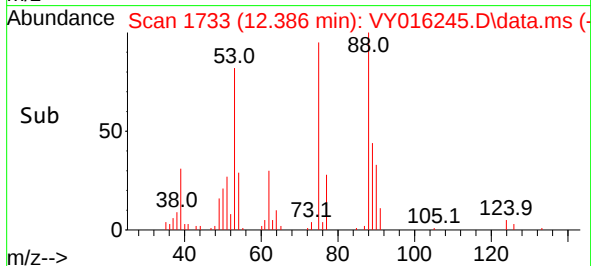
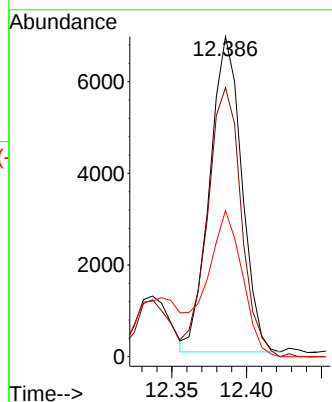
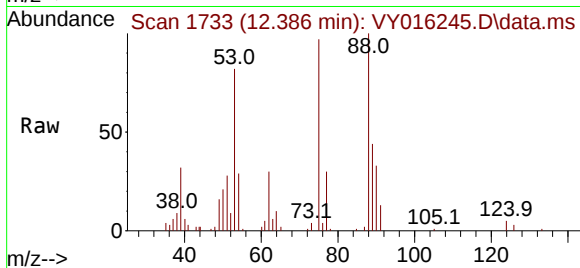
#81
trans-1,4-Dichloro-2-butene
Concen: 21.121 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 75 Resp: 10228
Ion Ratio Lower Upper
75 100
53 90.4 77.8 116.8
89 49.3 37.4 56.0

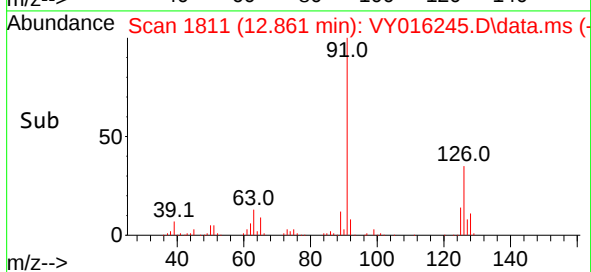
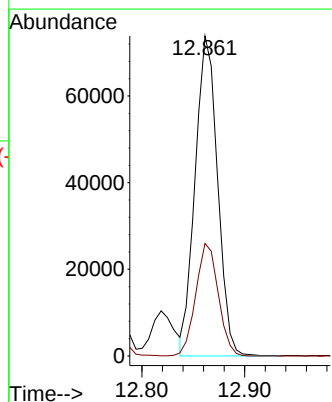
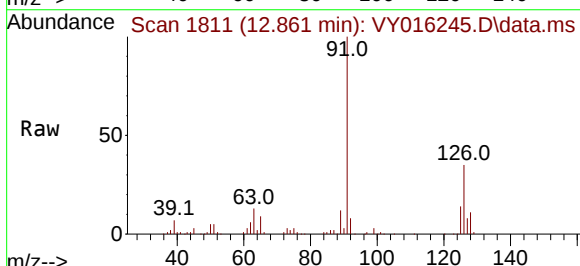
Manual Integrations
APPROVED

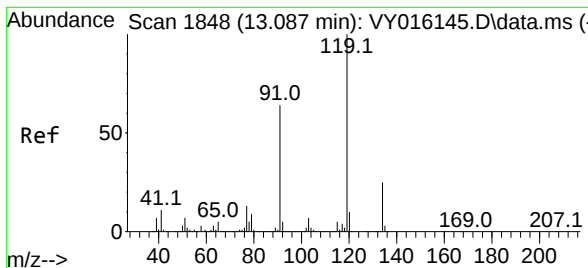
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 19.829 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

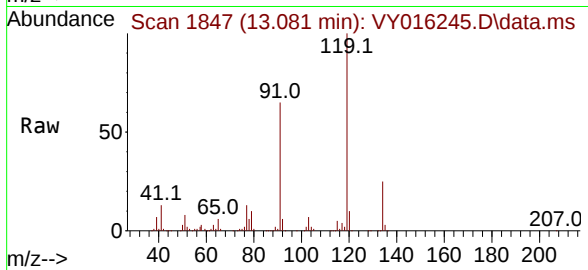
Tgt Ion: 91 Resp: 112298
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.565 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

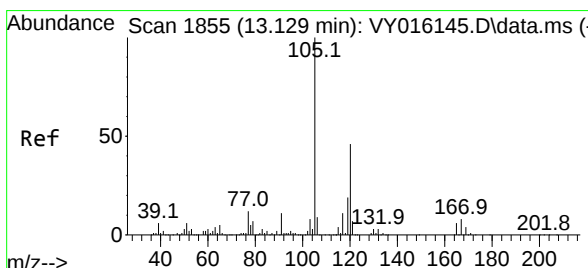
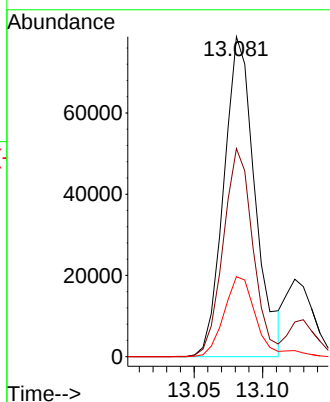
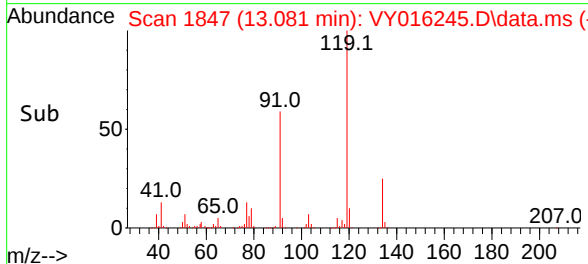
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01



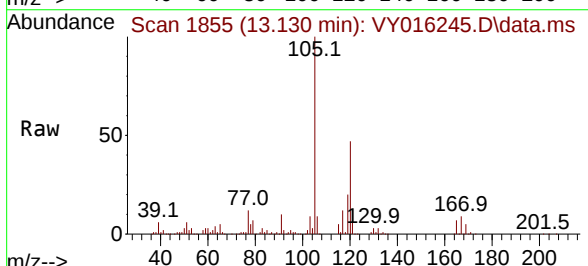
Tgt Ion:119 Resp: 12468
Ion Ratio Lower Upper
119 100
91 62.3 32.9 98.6
134 26.0 13.0 38.9

Manual Integrations
APPROVED

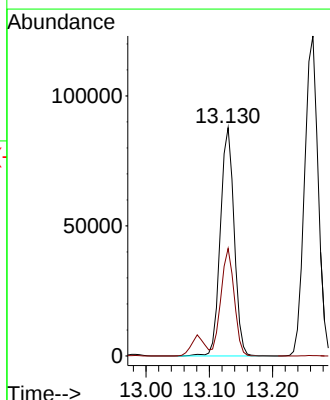
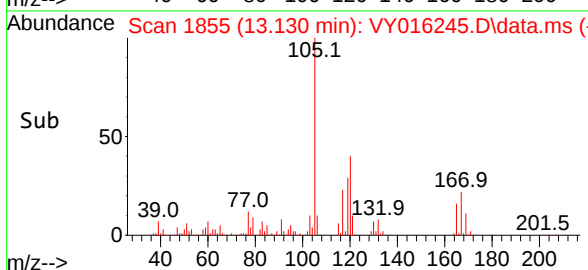
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

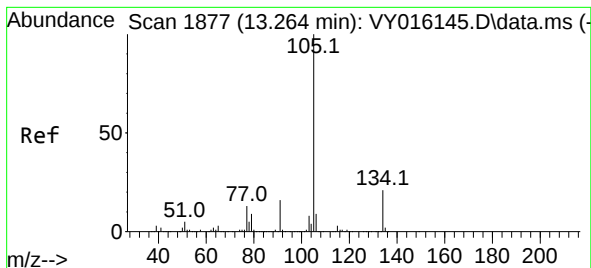


#84
1,2,4-Trimethylbenzene
Concen: 19.721 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08



Tgt Ion:105 Resp: 132229
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.545 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion:105 Resp: 182828

Ion Ratio Lower Upper

105 100

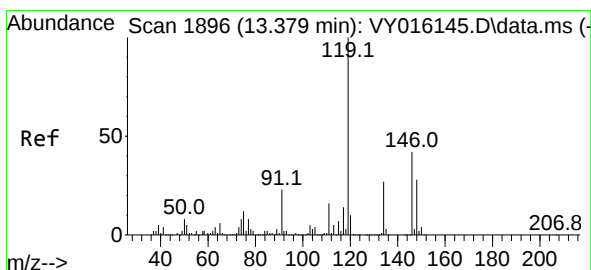
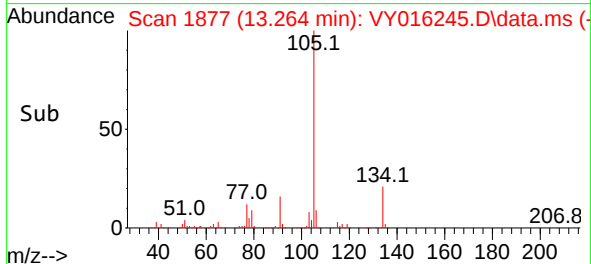
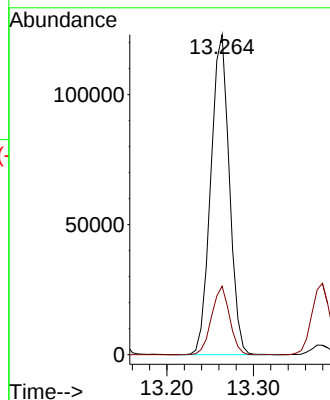
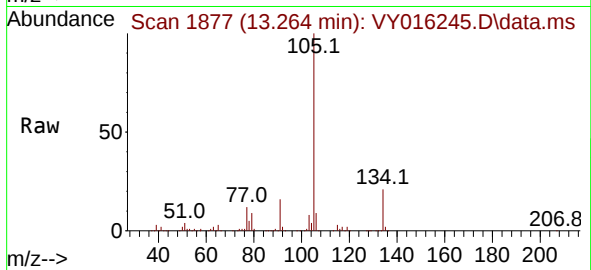
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#86

p-Isopropyltoluene

Concen: 20.357 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

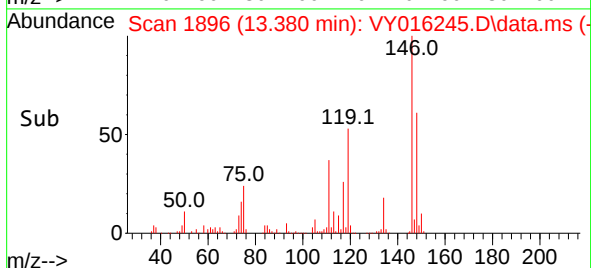
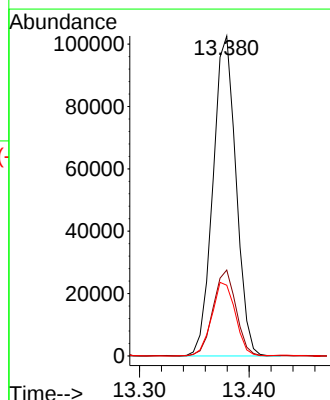
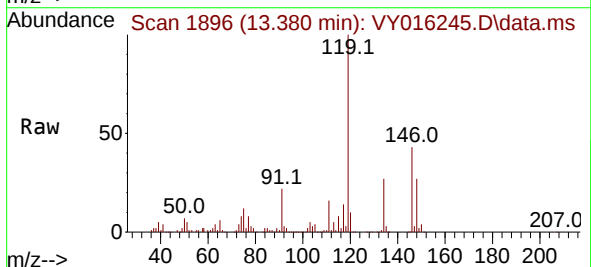
Tgt Ion:119 Resp: 150141

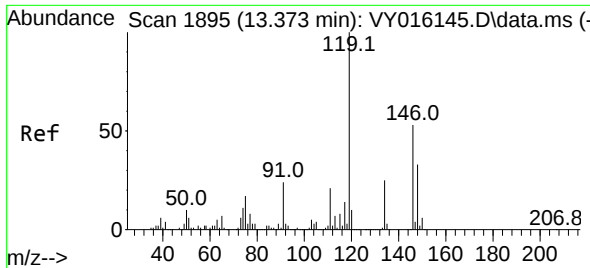
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.6 12.4 37.4





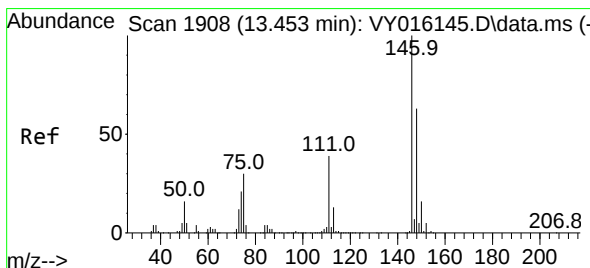
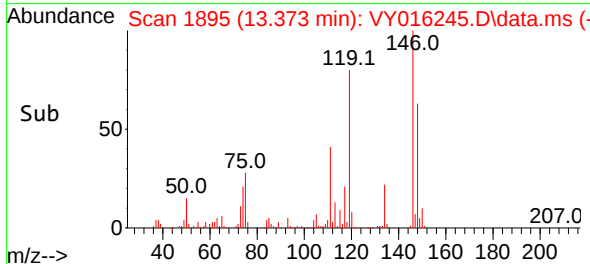
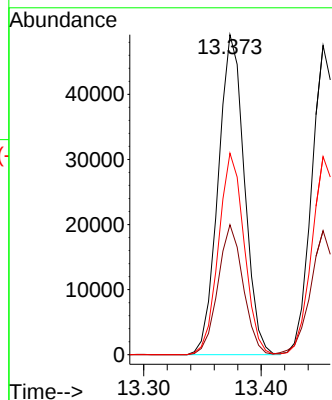
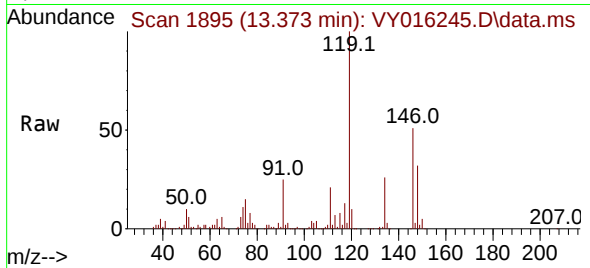
#87
1,3-Dichlorobenzene
Concen: 20.343 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:146 Resp: 76194
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 61.7 31.9 95.5

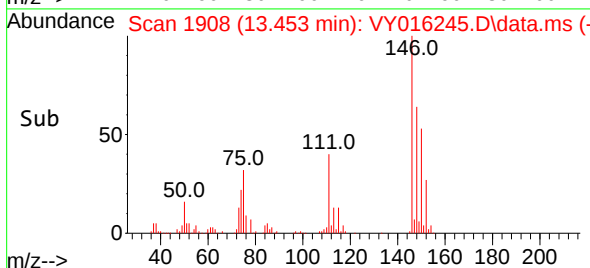
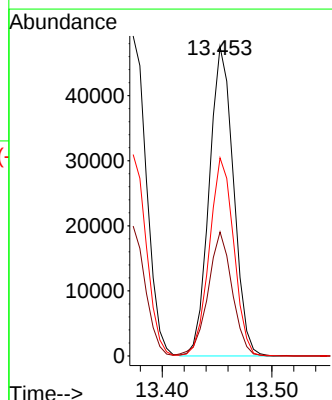
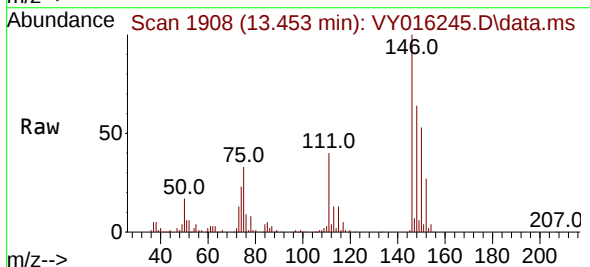
Manual Integrations
APPROVED

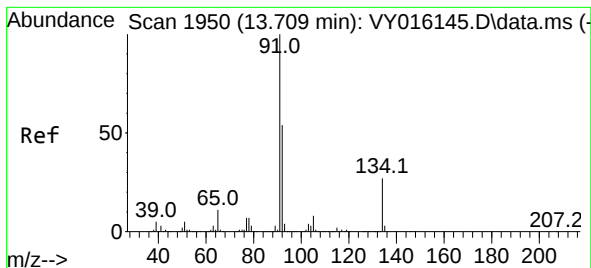
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#88
1,4-Dichlorobenzene
Concen: 19.780 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion:146 Resp: 73225
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.7
148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.321 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

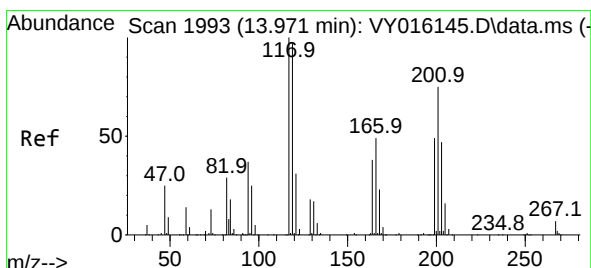
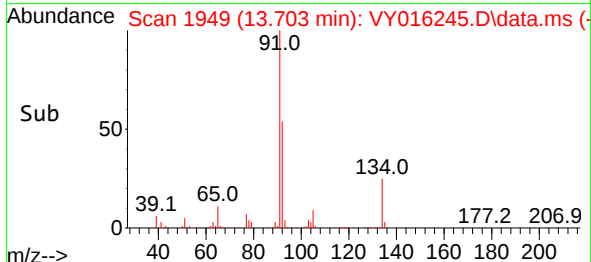
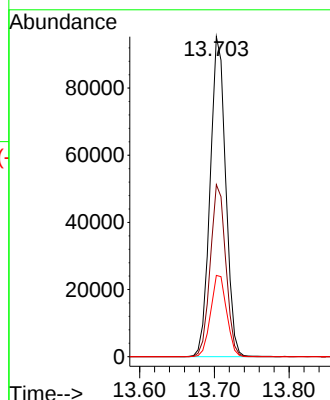
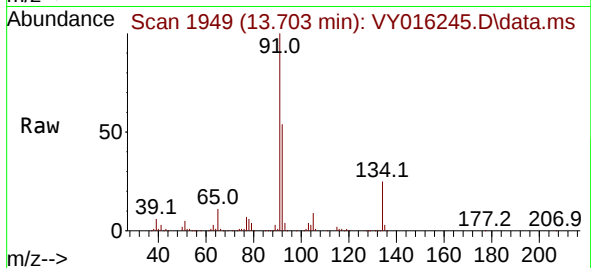
Tgt Ion:	91	Resp:	137710
Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.4	76.0
134	26.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 22.526 ug/l

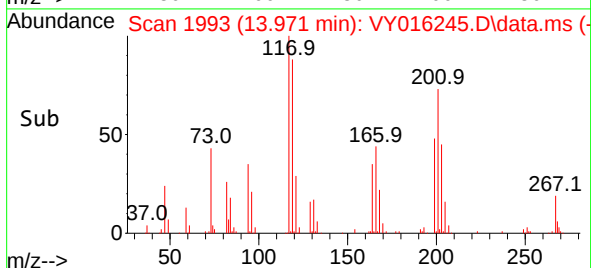
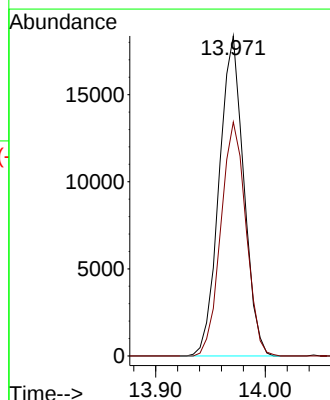
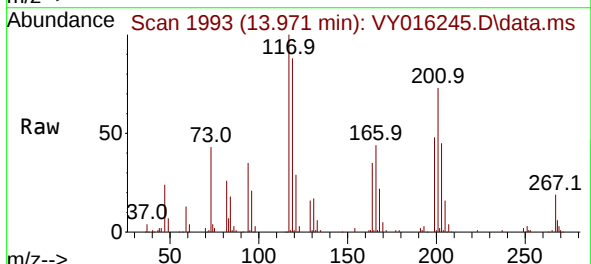
RT: 13.971 min Scan# 1993

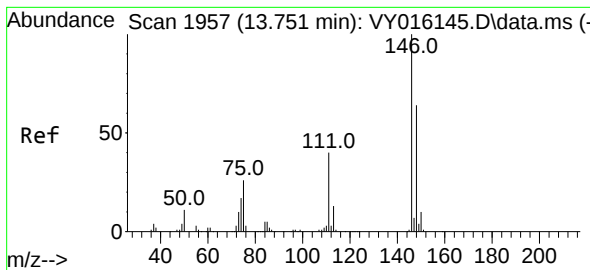
Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Tgt Ion:	117	Resp:	28630
Ion	Ratio	Lower	Upper
117	100		
201	74.6	41.6	124.8





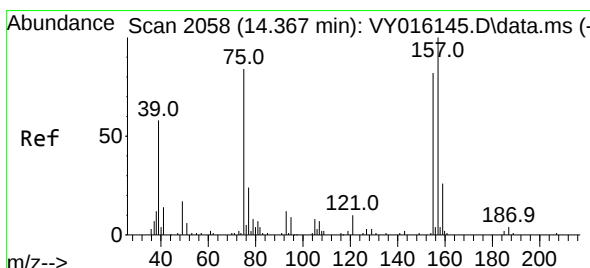
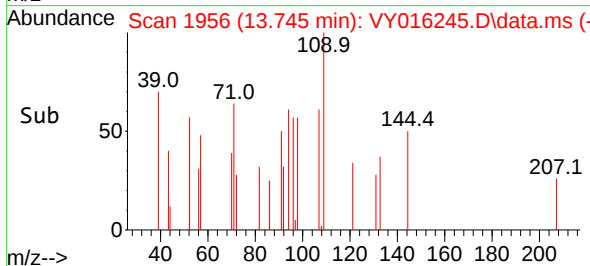
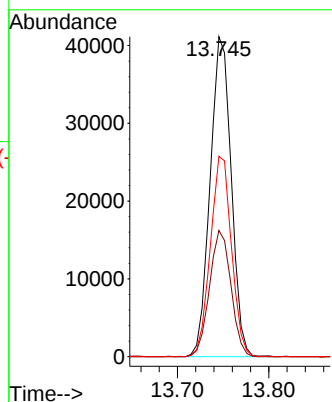
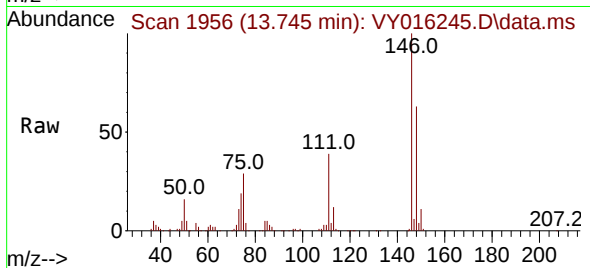
#91
1,2-Dichlorobenzene
Concen: 20.318 ug/l
RT: 13.745 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:146 Resp: 6575
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 62.9 32.0 96.2

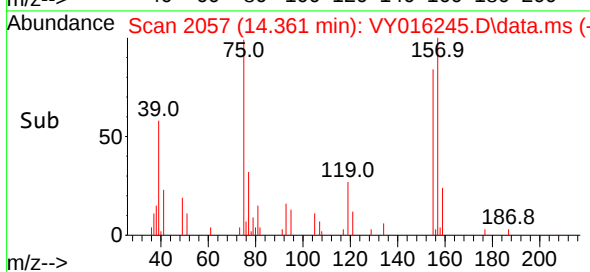
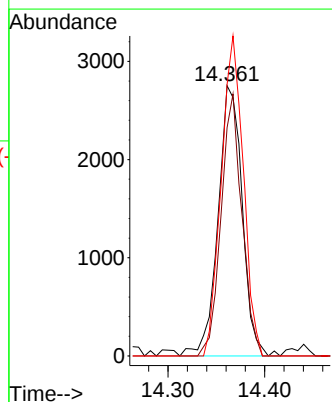
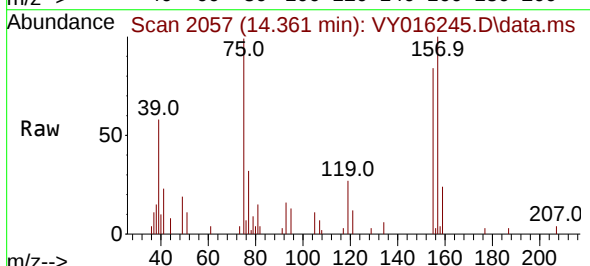
Manual Integrations
APPROVED

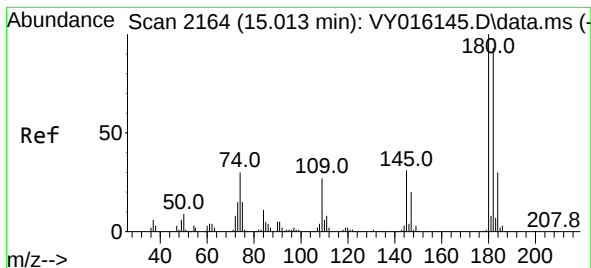
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.010 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion: 75 Resp: 4766
Ion Ratio Lower Upper
75 100
155 83.6 41.5 124.6
157 108.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.778 ug/l

RT: 15.020 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

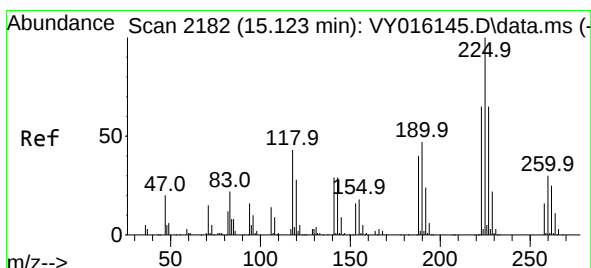
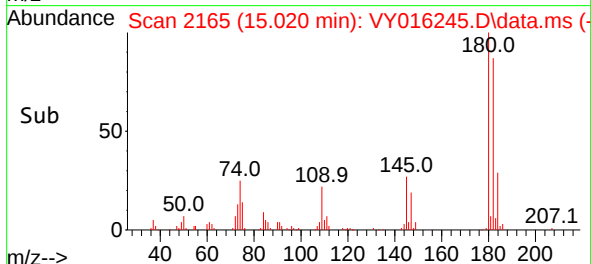
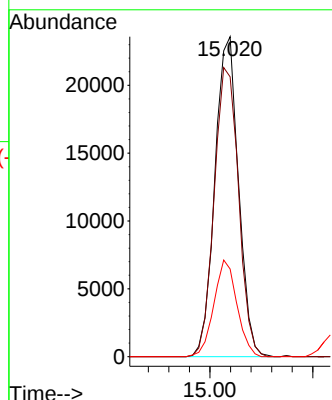
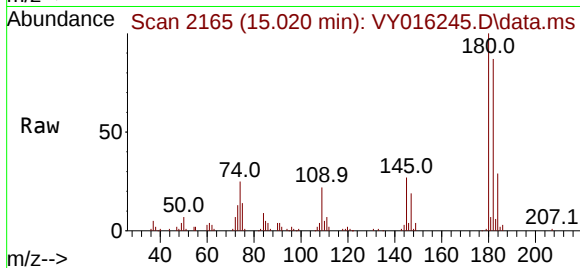
Tgt Ion:180	Resp:	37508
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.0 141.2
145	29.6	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#94

Hexachlorobutadiene

Concen: 20.693 ug/l

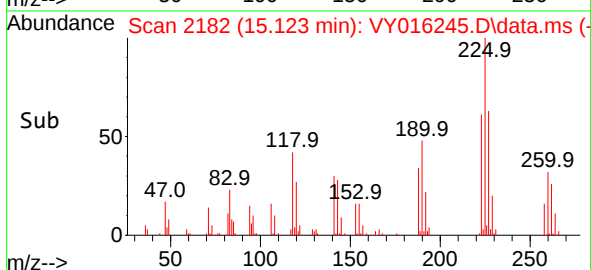
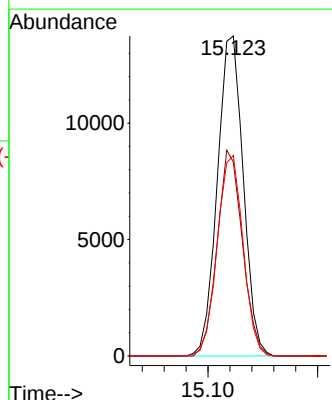
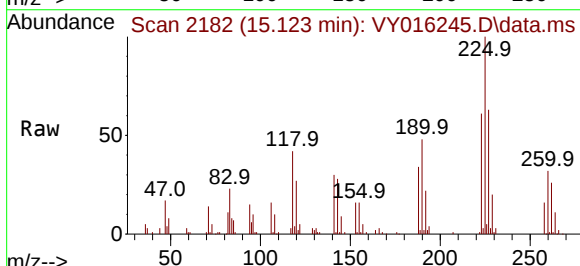
RT: 15.123 min Scan# 2182

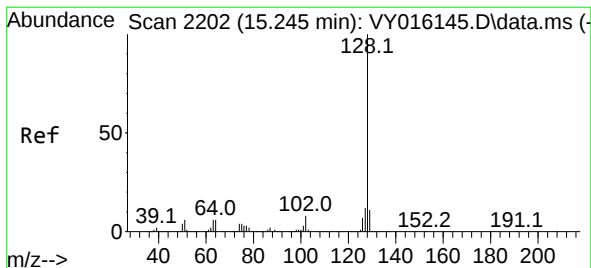
Delta R.T. 0.000 min

Lab File: VY016245.D

Acq: 07 Nov 2023 10:08

Tgt Ion:225	Resp:	22586
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.9 95.9
227	62.4	33.0 98.9





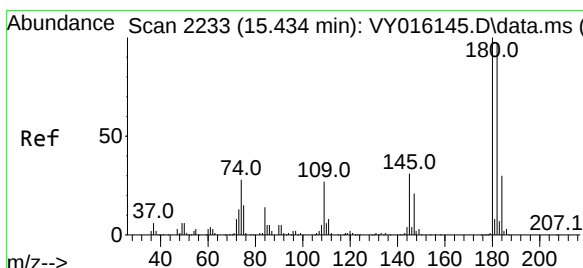
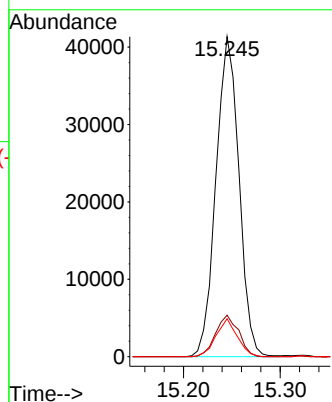
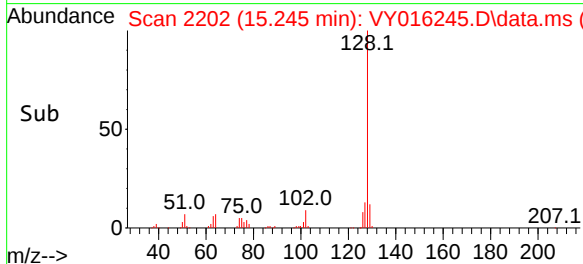
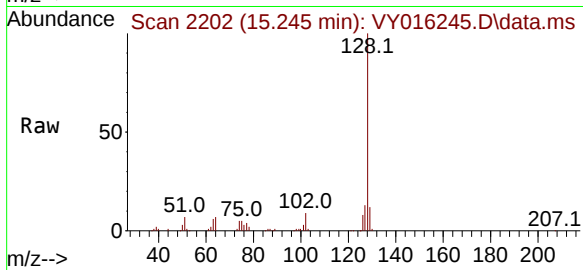
#95
Naphthalene
Concen: 17.612 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:128 Resp: 6834
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 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: 18.301 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY016245.D
Acq: 07 Nov 2023 10:08

Tgt Ion:180 Resp: 31226
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.8
145 30.3 15.4 46.2

