

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016251.D
 Acq On : 07 Nov 2023 17:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 23:45:32 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	7.789	168	157103	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	257253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78193	53.190	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.380%			
35) Dibromofluoromethane	7.716	113	78667	51.293	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.580%			
50) Toluene-d8	10.179	98	314941	51.794	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.483	95	105193	50.591	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49217	49.111	ug/l	97
3) Chloromethane	2.113	50	65470	47.185	ug/l	97
4) Vinyl Chloride	2.247	62	72793	50.831	ug/l	99
5) Bromomethane	2.650	94	48306	49.983	ug/l	99
6) Chloroethane	2.796	64	50909	50.495	ug/l	98
7) Trichlorofluoromethane	3.125	101	114512	52.967	ug/l	98
8) Diethyl Ether	3.528	74	39661	55.350	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.900	101	72903	53.527	ug/l	97
10) Methyl Iodide	4.095	142	79850	52.723	ug/l	97
11) Tert butyl alcohol	4.960	59	28607	260.452	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	65249	52.488	ug/l	90
13) Acrolein	3.729	56	24194	239.371	ug/l	97
14) Allyl chloride	4.485	41	100616	56.586	ug/l #	93
15) Acrylonitrile	5.161	53	84388	275.605	ug/l	98
16) Acetone	3.948	43	59812	255.284	ug/l	97
17) Carbon Disulfide	4.198	76	157372	50.706	ug/l	99
18) Methyl Acetate	4.479	43	66202	55.998	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	191508	54.159	ug/l	99
20) Methylene Chloride	4.716	84	79574	53.428	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	77009	53.182	ug/l	96
22) Diisopropyl ether	6.125	45	239440	55.673	ug/l #	87
23) Vinyl Acetate	6.064	43	574876	272.245	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	142720	55.447	ug/l	95
25) 2-Butanone	6.984	43	104935	258.731	ug/l	96
26) 2,2-Dichloropropane	6.984	77	125471	51.566	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	93227	54.708	ug/l	92
28) Bromochloromethane	7.338	49	52118	54.109	ug/l	91
29) Tetrahydrofuran	7.350	42	70229	276.233	ug/l	91
30) Chloroform	7.509	83	152952	54.580	ug/l	97
31) Cyclohexane	7.789	56	111845	49.493	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	136801	53.230	ug/l	97
36) 1,1-Dichloropropene	7.917	75	110255	49.786	ug/l	99
37) Ethyl Acetate	7.076	43	49546	50.230	ug/l #	94
38) Carbon Tetrachloride	7.905	117	120383	54.868	ug/l	98
39) Methylcyclohexane	9.185	83	133498	50.501	ug/l	93
40) Benzene	8.161	78	325188	51.147	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24792	43.301	ug/l	94
42) 1,2-Dichloroethane	8.240	62	88911	50.111	ug/l	93
43) Isopropyl Acetate	8.271	43	100727	51.625	ug/l	92
44) Trichloroethene	8.941	130	92814	49.885	ug/l	100
45) 1,2-Dichloropropane	9.216	63	83086	54.324	ug/l	98
46) Dibromomethane	9.307	93	45232	52.133	ug/l	97
47) Bromodichloromethane	9.496	83	118361	53.692	ug/l	99
48) Methyl methacrylate	9.295	41	43795	49.362	ug/l #	85
49) 1,4-Dioxane	9.301	88	10415	1010.218	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	252690	259.558	ug/l	91
52) Toluene	10.246	92	210521	51.099	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	115214	52.355	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	134928	52.252	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	64970	53.235	ug/l	97
56) Ethyl methacrylate	10.508	69	83454	52.653	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	107924	51.945	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	203090	264.244	ug/l	94
59) 2-Hexanone	10.831	43	168926	253.213	ug/l	89
60) Dibromochloromethane	10.984	129	81670	53.340	ug/l	100
61) 1,2-Dibromoethane	11.093	107	60071	51.747	ug/l	100
64) Tetrachloroethene	10.721	164	94544	47.435	ug/l	97
65) Chlorobenzene	11.520	112	227238	51.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	88434	53.632	ug/l	98
67) Ethyl Benzene	11.593	91	407476	51.174	ug/l	98
68) m/p-Xylenes	11.703	106	313681	101.948	ug/l	94
69) o-Xylene	12.032	106	148752	50.635	ug/l	97
70) Styrene	12.044	104	248653	50.914	ug/l	97
71) Bromoform	12.209	173	49294	53.888	ug/l #	98
73) Isopropylbenzene	12.331	105	401339	50.787	ug/l	100
74) N-amyl acetate	12.142	43	85685	49.897	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	67029	53.304	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	53270m	53.696	ug/l	
77) Bromobenzene	12.611	156	92506	51.698	ug/l	94
78) n-propylbenzene	12.672	91	479770	51.352	ug/l	99
79) 2-Chlorotoluene	12.758	91	264918	50.839	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	324899	50.747	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	23675	51.743	ug/l	91
82) 4-Chlorotoluene	12.855	91	271230	50.689	ug/l	98
83) tert-Butylbenzene	13.075	119	297425	51.920	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	319519	50.437	ug/l	98
85) sec-Butylbenzene	13.258	105	436394	51.903	ug/l	100
86) p-Isopropyltoluene	13.373	119	358667	51.471	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	179389	50.691	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	176321	50.411	ug/l	99
89) n-Butylbenzene	13.697	91	330306	51.587	ug/l	97
90) Hexachloroethane	13.965	117	68239	56.825	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	156013	51.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9946	44.196	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	89098	47.211	ug/l	97
94) Hexachlorobutadiene	15.117	225	51402	49.844	ug/l	98
95) Naphthalene	15.239	128	165170	45.051	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	73913	45.848	ug/l	98

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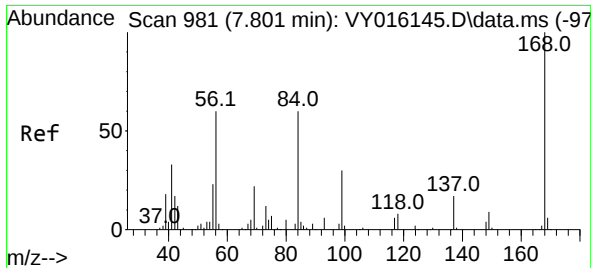
Manual Integrations
APPROVED

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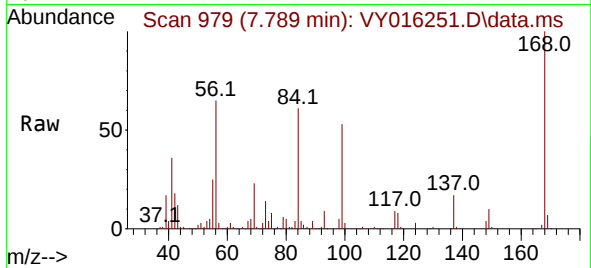
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
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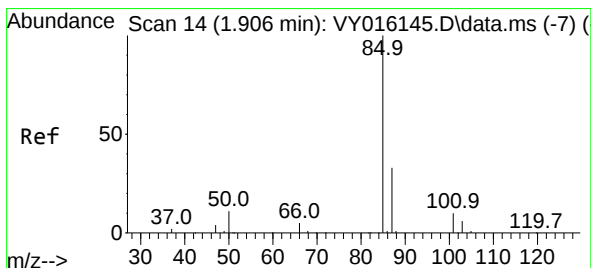
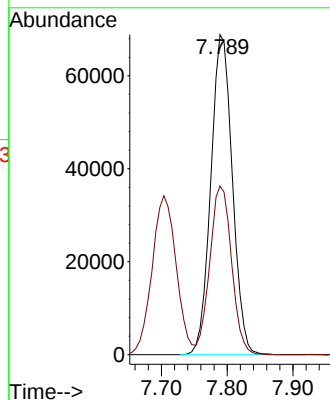
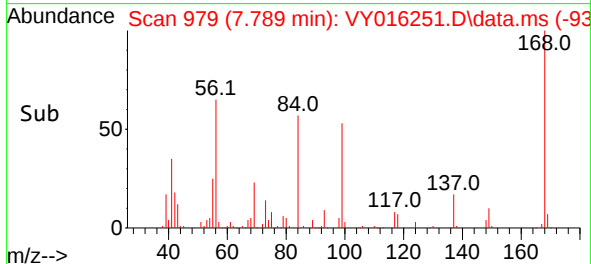
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 15710
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0

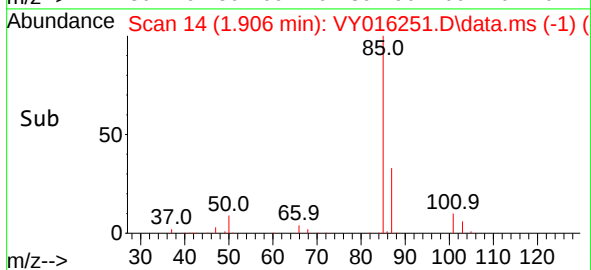
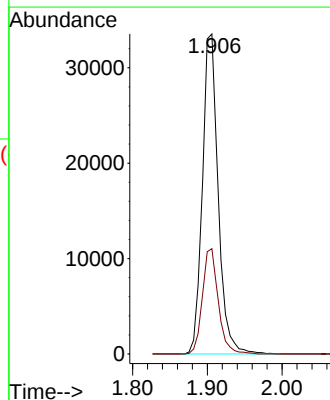
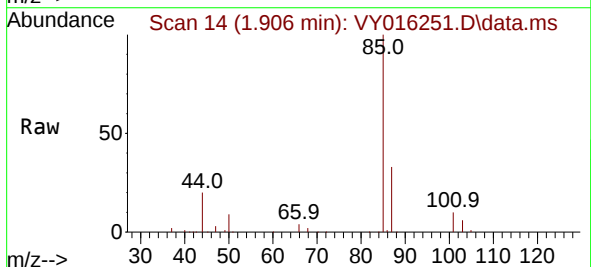
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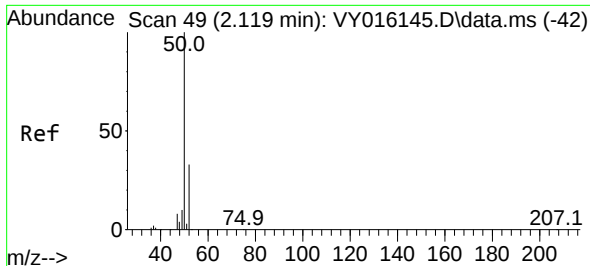
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#2
Dichlorodifluoromethane
Concen: 49.111 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

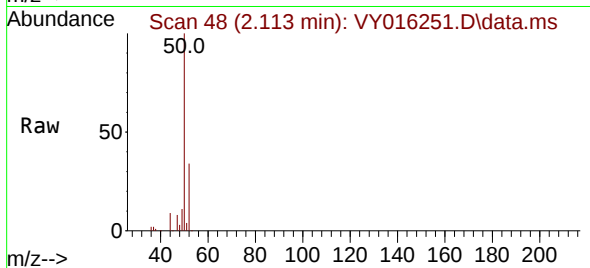
Tgt Ion: 85 Resp: 49217
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3
Chloromethane
Concen: 47.185 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

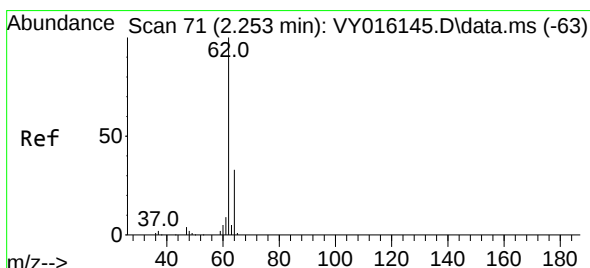
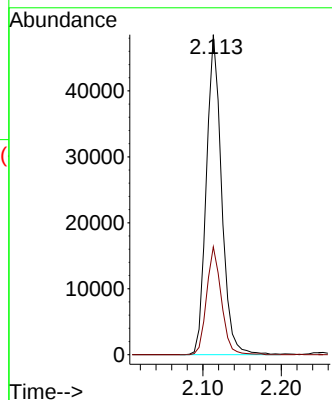
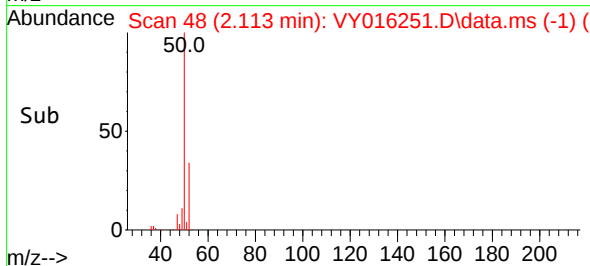
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Tgt Ion: 50 Resp: 65470
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2

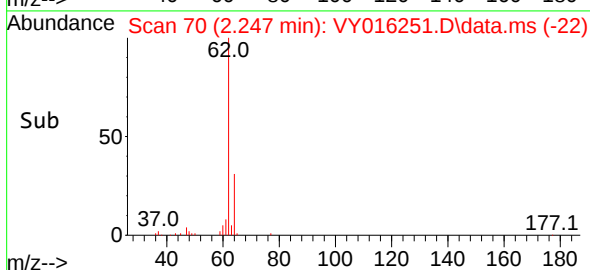
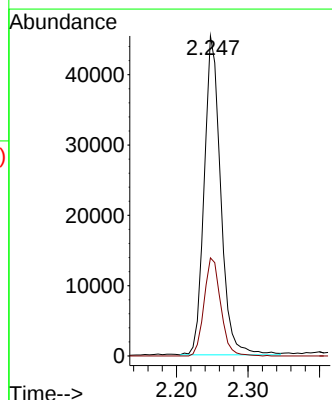
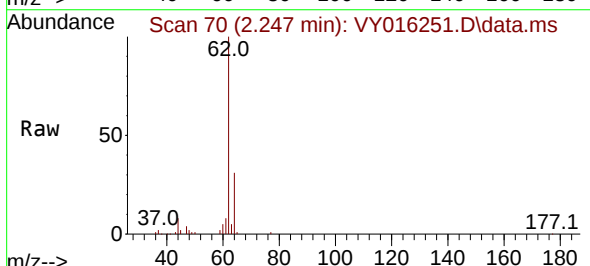
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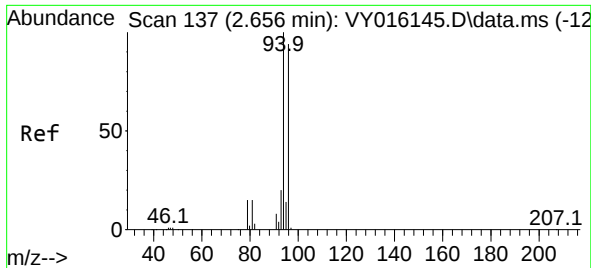
Reviewed By :John Carlone 11/08/2023
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#4
Vinyl Chloride
Concen: 50.831 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

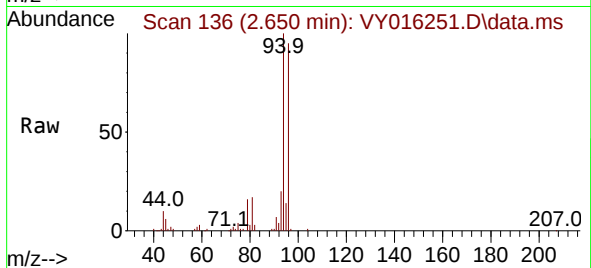
Tgt Ion: 62 Resp: 72793
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5





#5
Bromomethane
Concen: 49.983 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

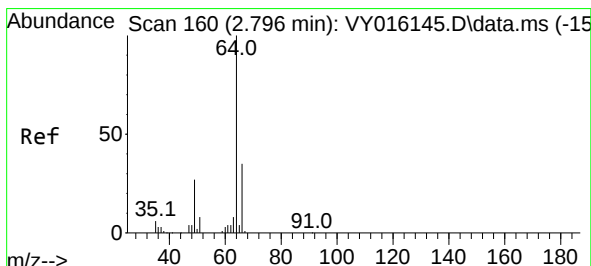
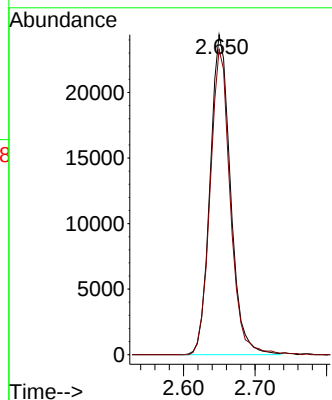
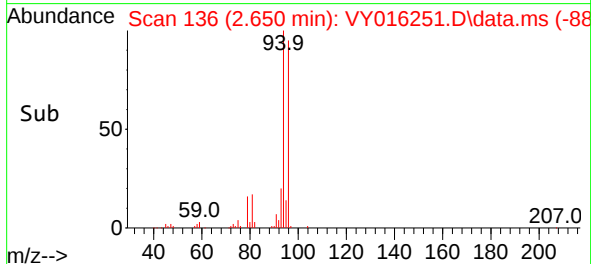
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Tgt Ion: 94 Resp: 48300
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.6

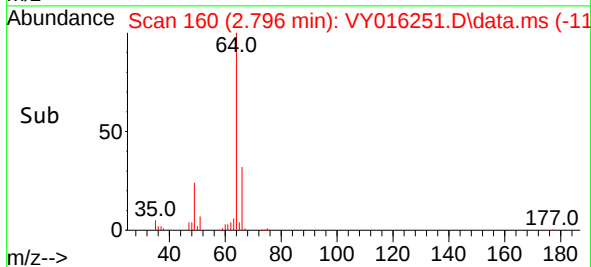
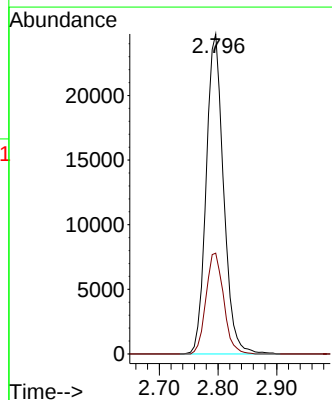
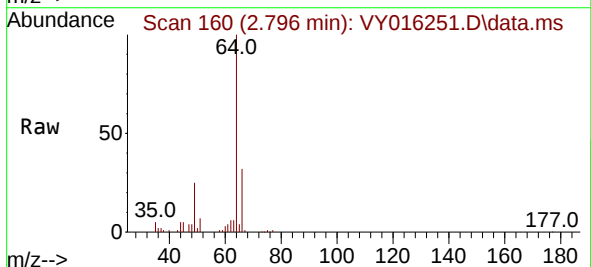
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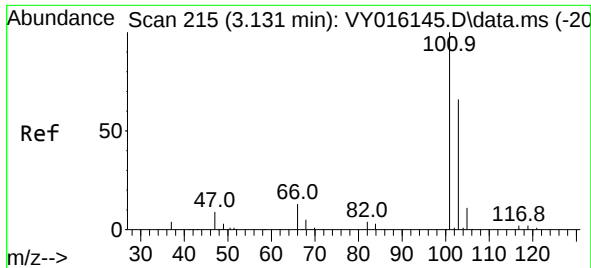
Reviewed By :John Carlone 11/08/2023
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#6
Chloroethane
Concen: 50.495 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

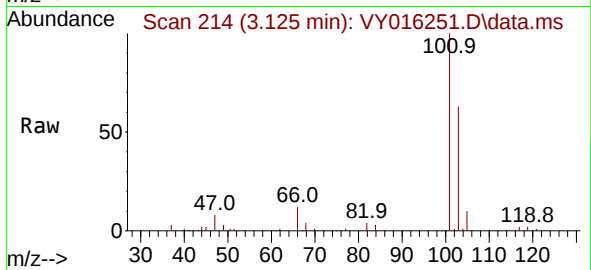
Tgt Ion: 64 Resp: 50909
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 52.967 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
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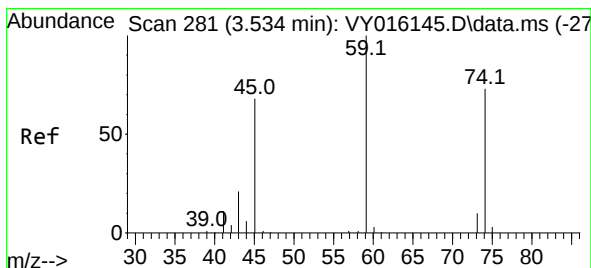
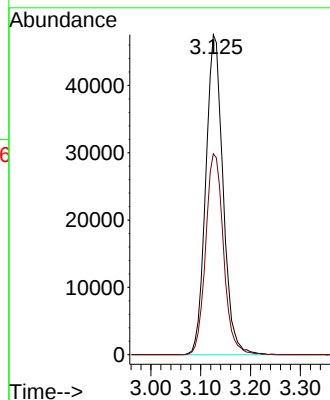
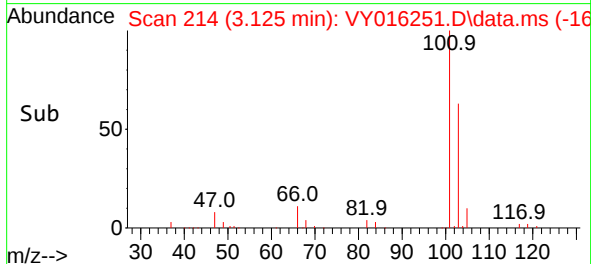
Instrument :
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Tgt Ion:101 Resp: 11451
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0

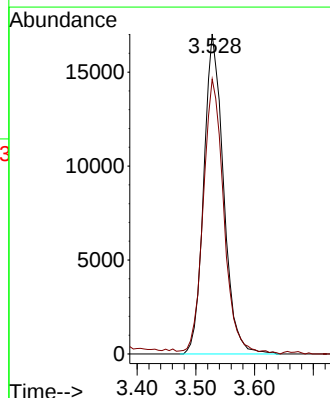
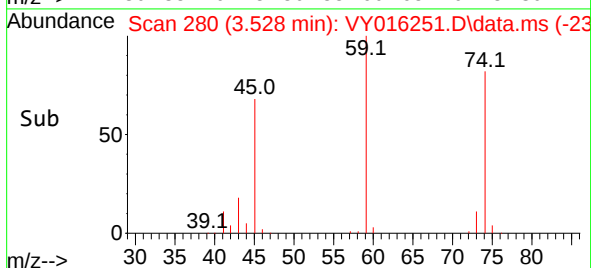
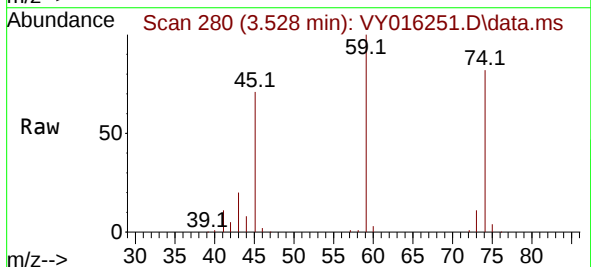
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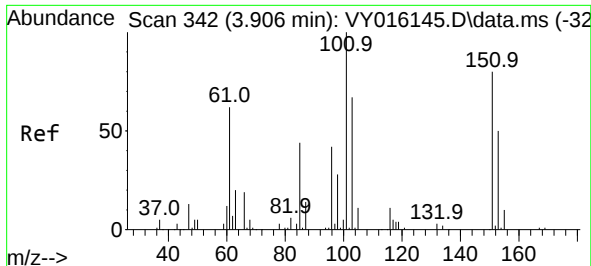
Reviewed By :John Carlone 11/08/2023
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#8
Diethyl Ether
Concen: 55.350 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 39661
Ion Ratio Lower Upper
74 100
45 90.2 51.5 154.5





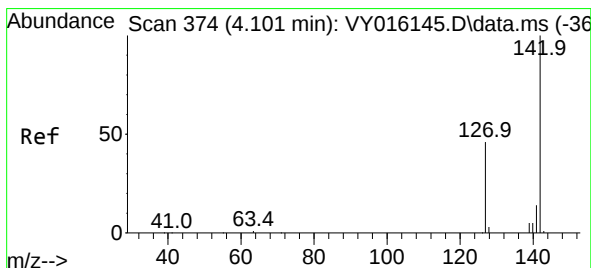
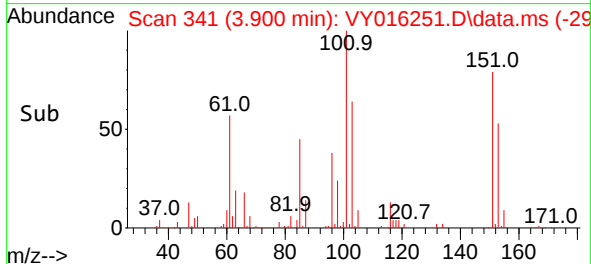
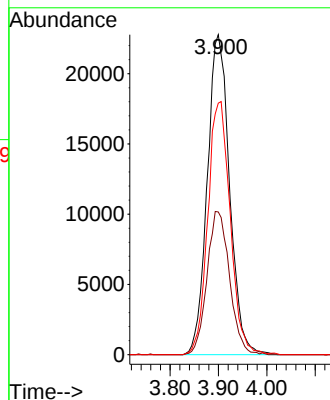
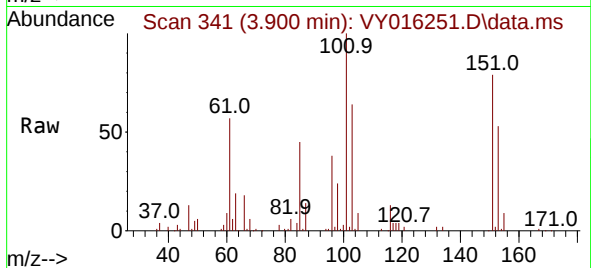
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.527 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7290
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 79.5 67.0 100.6

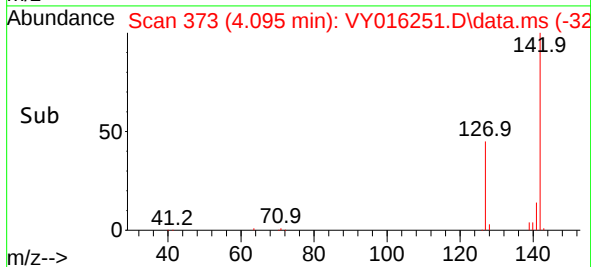
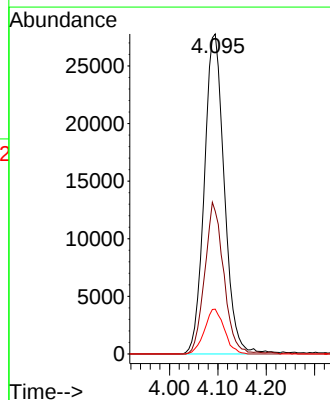
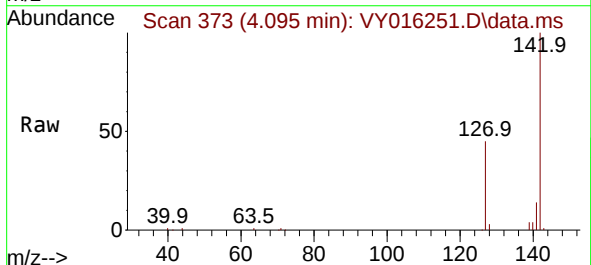
Manual Integrations
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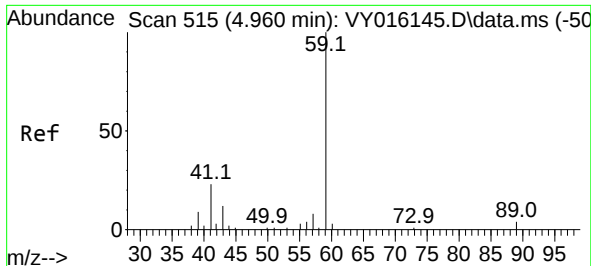
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 52.723 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

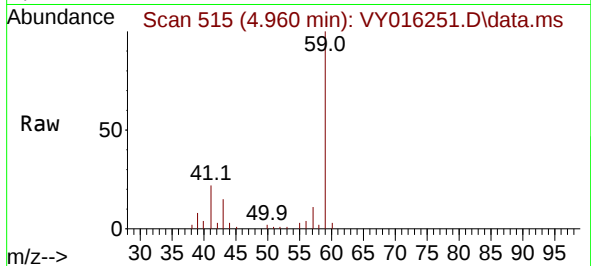
Tgt Ion:142 Resp: 79850
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 13.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 260.452 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

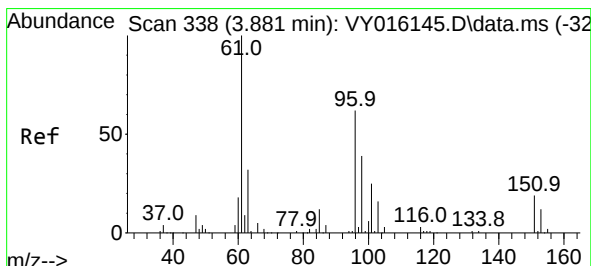
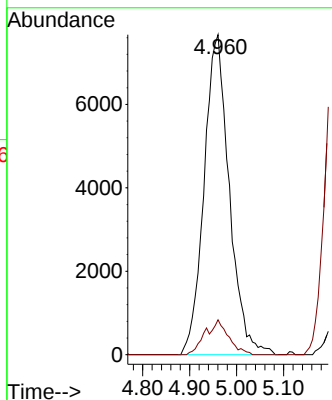
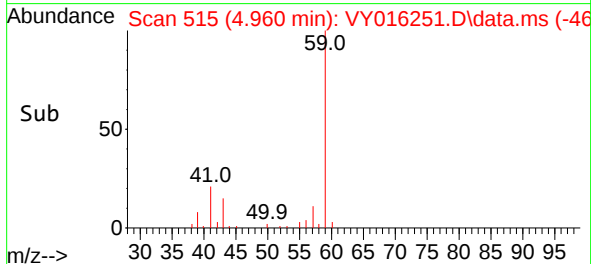
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



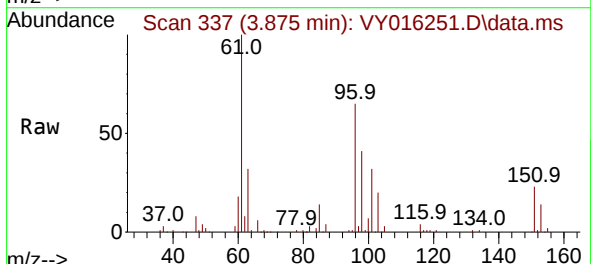
Tgt Ion: 59 Resp: 2860
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.4

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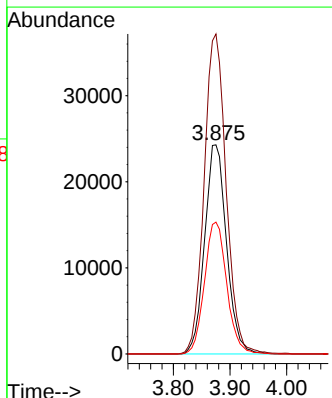
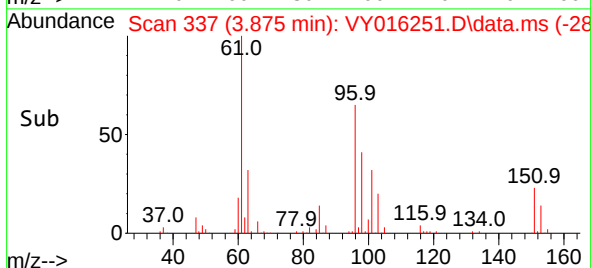
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

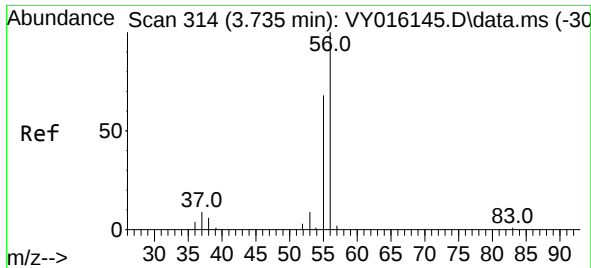


#12
1,1-Dichloroethene
Concen: 52.488 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27



Tgt Ion: 96 Resp: 65249
Ion Ratio Lower Upper
96 100
61 153.0 136.4 204.6
98 63.1 49.4 74.2





#13

Acrolein

Concen: 239.371 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 24194

Ion Ratio Lower Upper

56 100

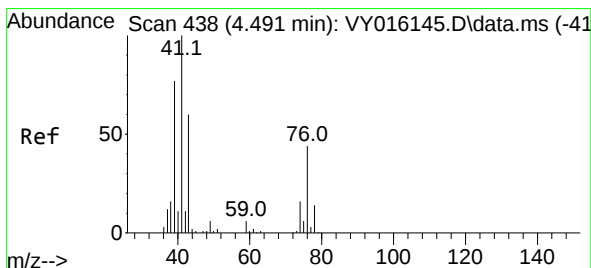
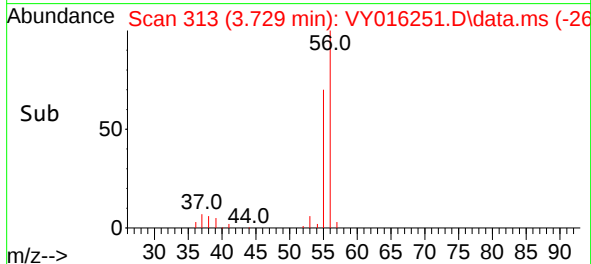
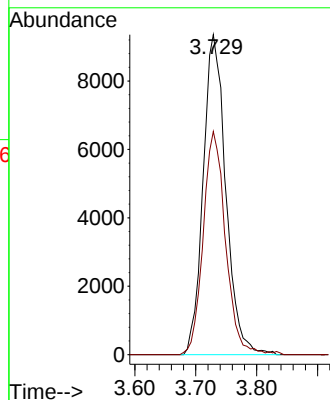
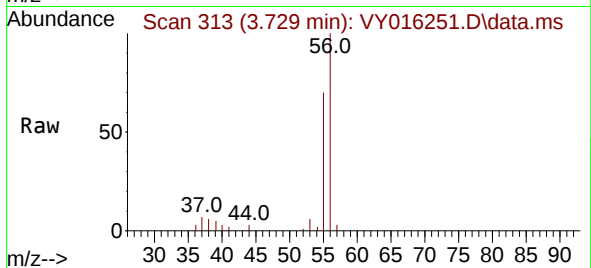
55 68.5 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#14

Allyl chloride

Concen: 56.586 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

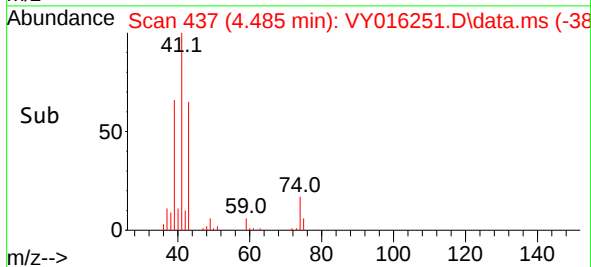
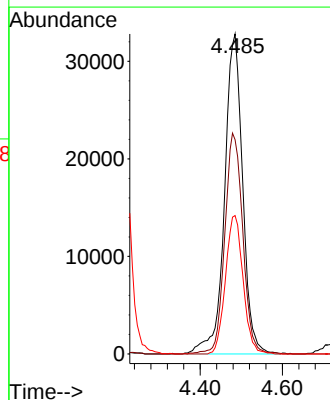
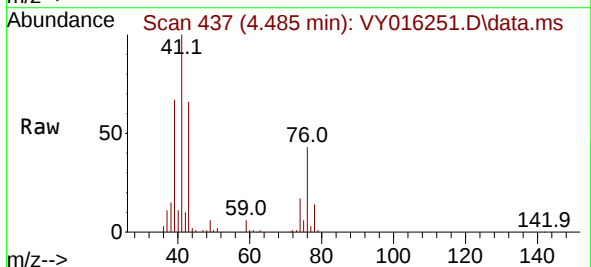
Tgt Ion: 41 Resp: 100616

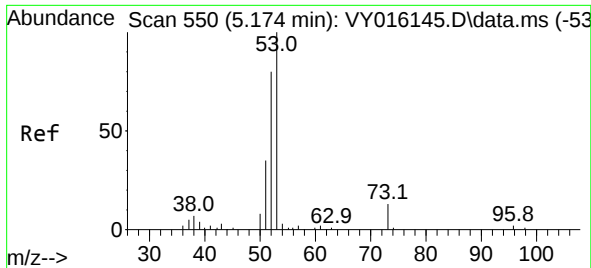
Ion Ratio Lower Upper

41 100

39 68.6 58.0 87.0

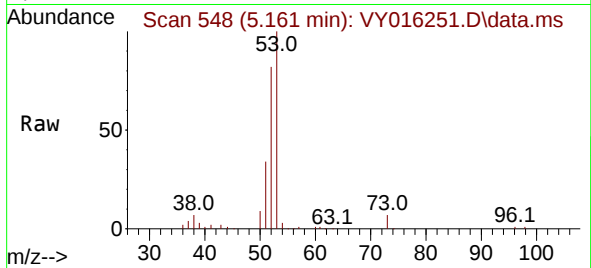
76 42.0 27.4 41.2#





#15
Acrylonitrile
Concen: 275.605 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

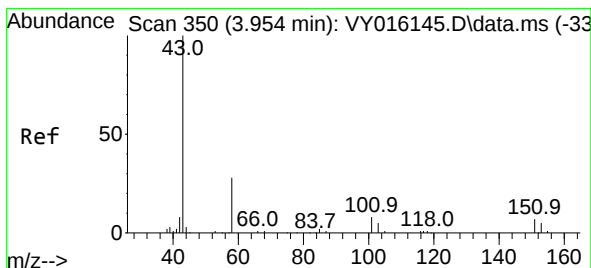
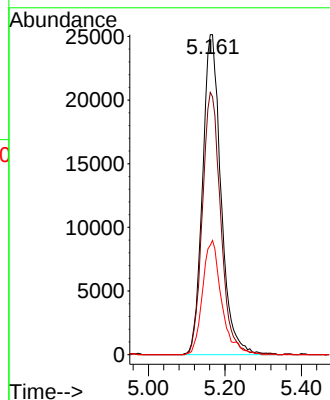
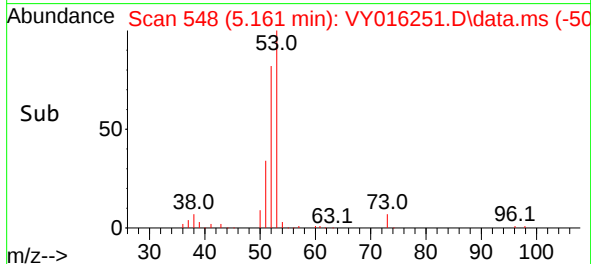
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 8438
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 36.8 29.8 44.6

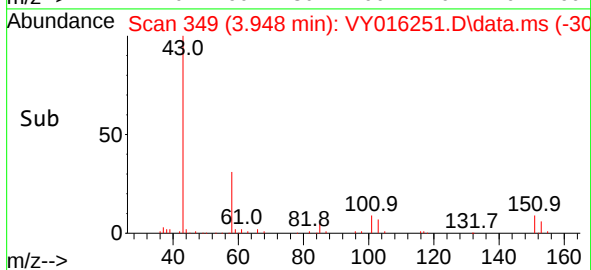
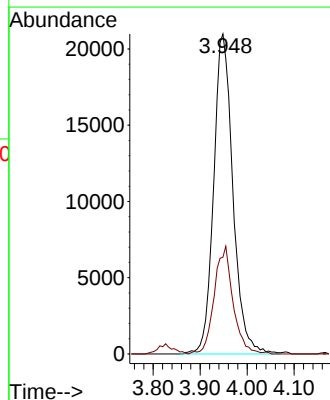
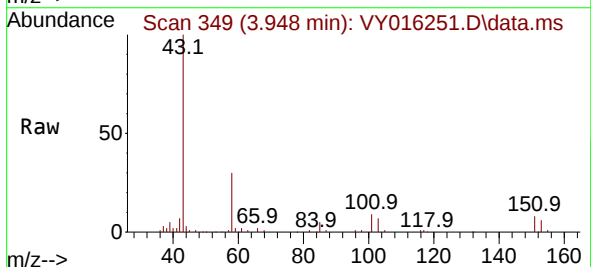
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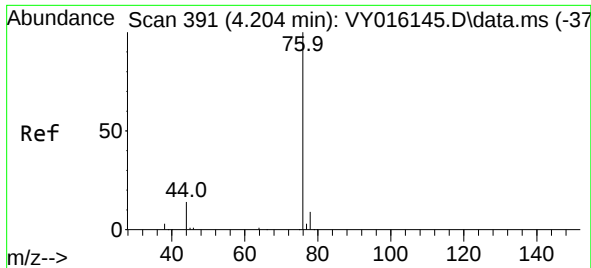
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#16
Acetone
Concen: 255.284 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 43 Resp: 59812
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1





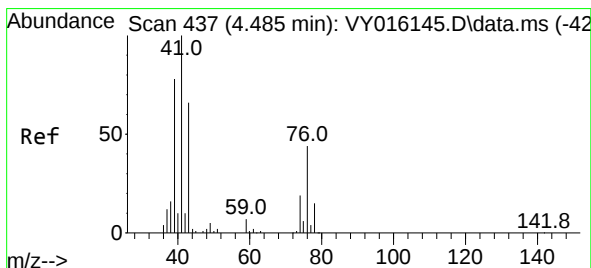
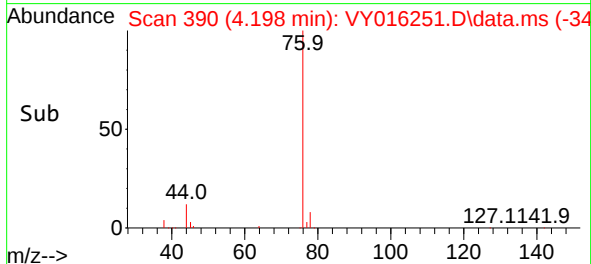
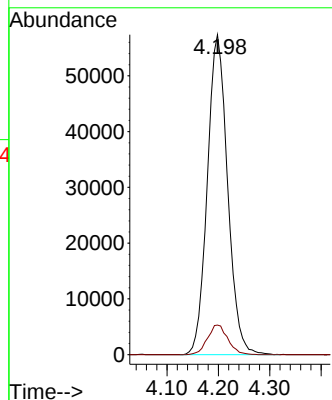
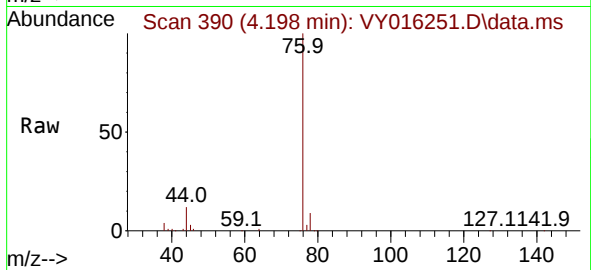
#17
Carbon Disulfide
Concen: 50.706 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 157372
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

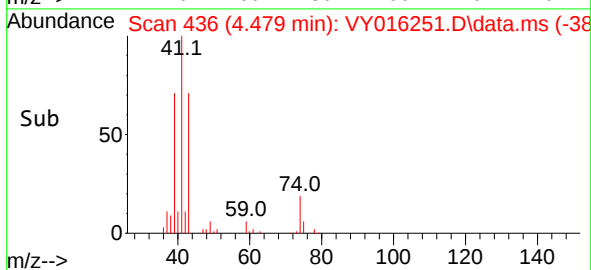
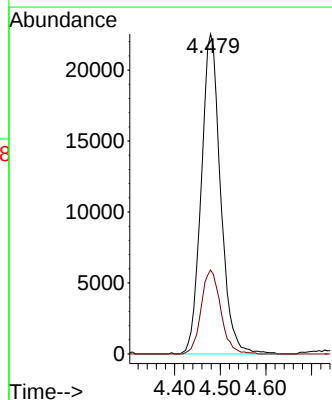
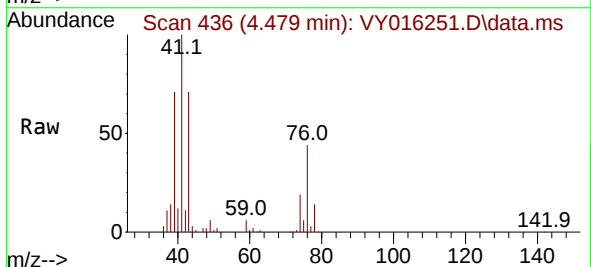
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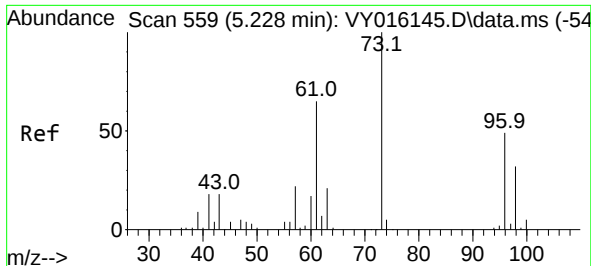
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#18
Methyl Acetate
Concen: 55.998 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 43 Resp: 66202
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#





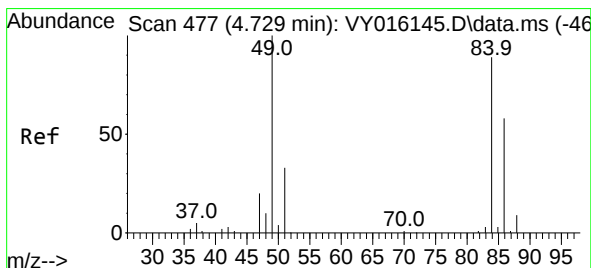
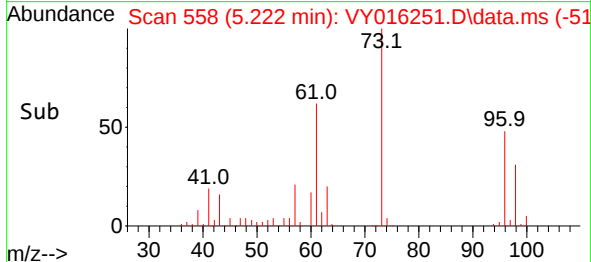
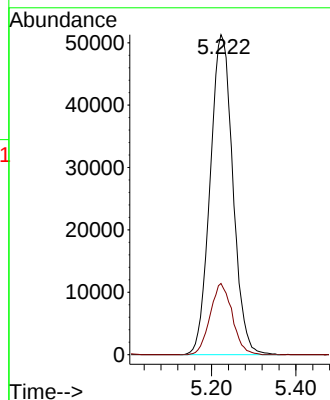
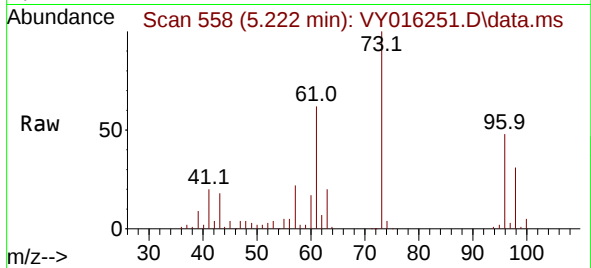
#19
Methyl tert-butyl Ether
Concen: 54.159 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 191508
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

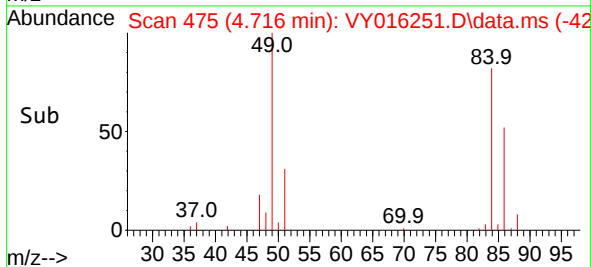
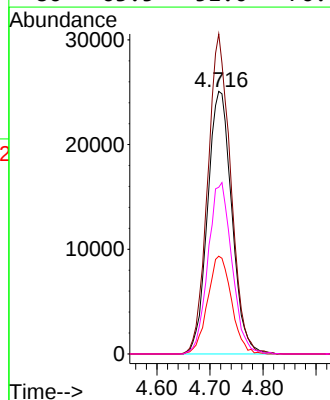
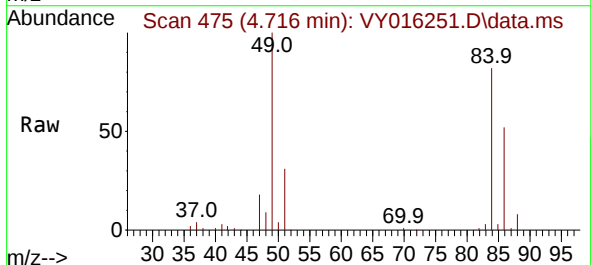
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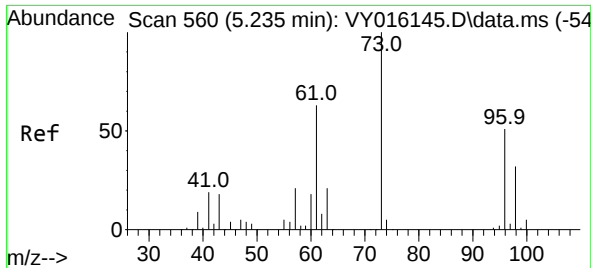
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 53.428 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

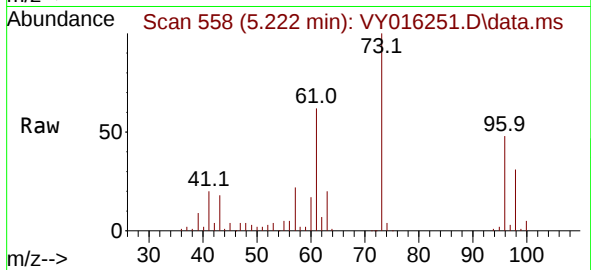
Tgt Ion: 84 Resp: 79574
Ion Ratio Lower Upper
84 100
49 121.9 106.9 160.3
51 37.2 33.2 49.8
86 63.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 53.182 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

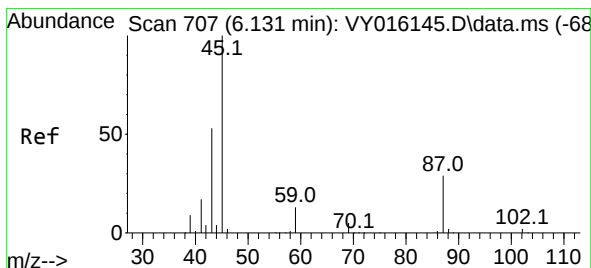
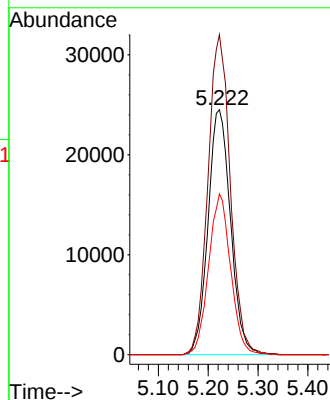
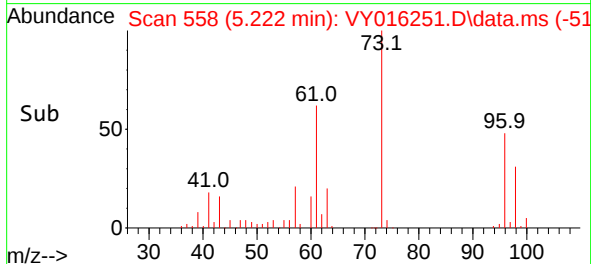
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 77009
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 65.6 51.8 77.6

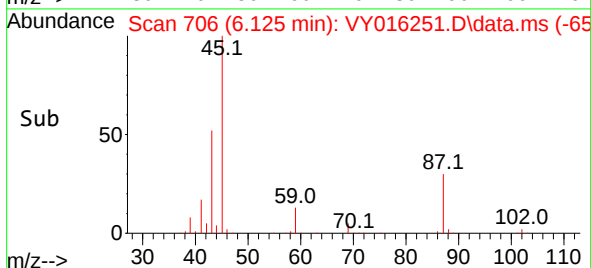
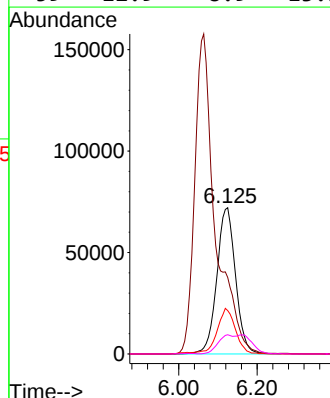
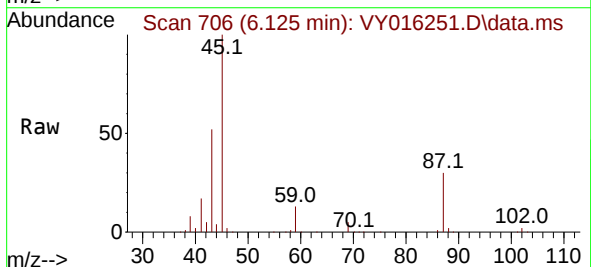
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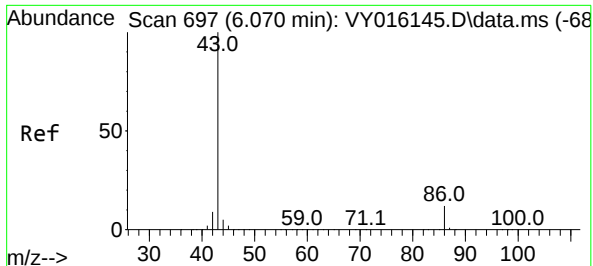
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#22
Diisopropyl ether
Concen: 55.673 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 45 Resp: 239440
Ion Ratio Lower Upper
45 100
43 51.9 52.2 78.4#
87 29.6 21.0 31.6
59 12.9 8.9 13.3





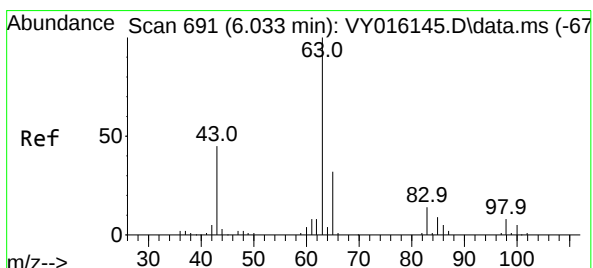
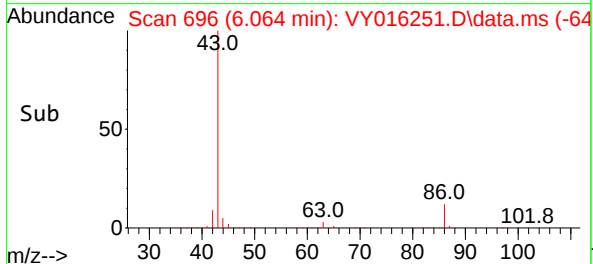
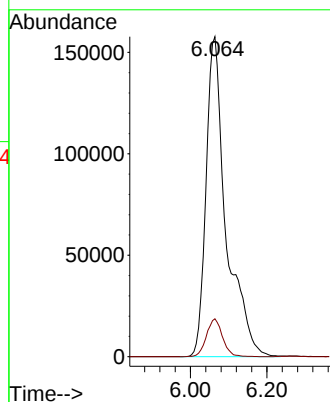
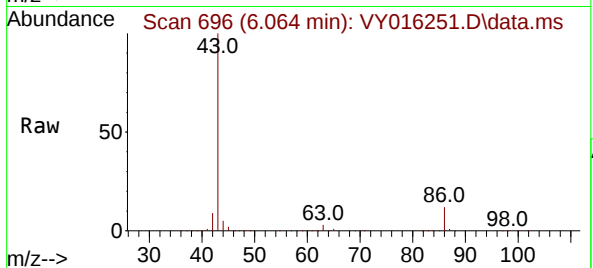
#23
 Vinyl Acetate
 Concen: 272.245 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016251.D
 Acq: 07 Nov 2023 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 574870
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

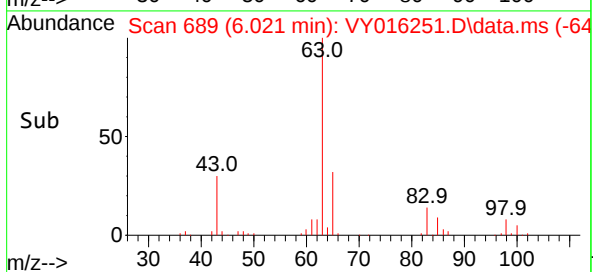
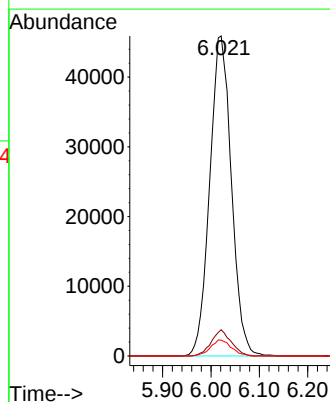
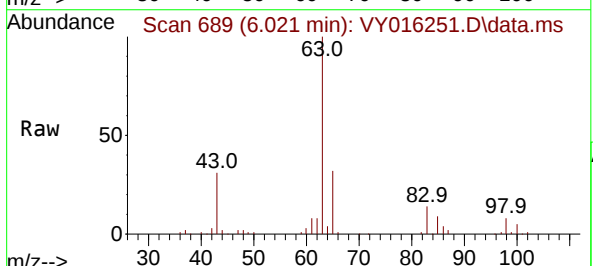
Manual Integrations
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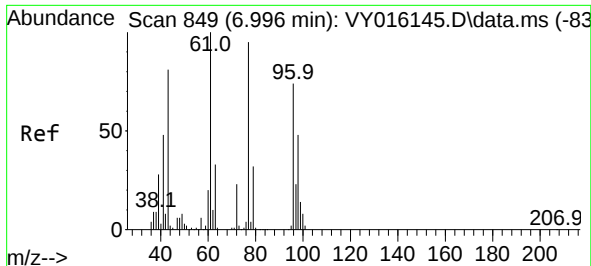
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 55.447 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY016251.D
 Acq: 07 Nov 2023 17:27

Tgt Ion: 63 Resp: 142720
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 258.731 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10493

Ion Ratio Lower Upper

43 100

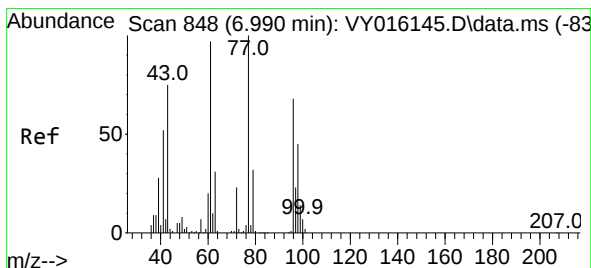
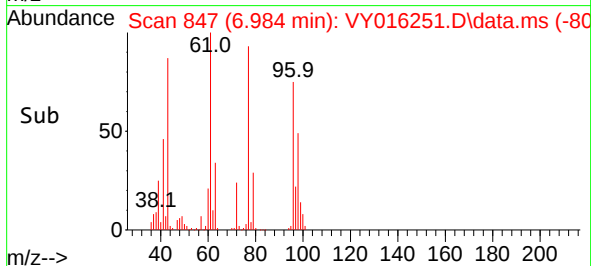
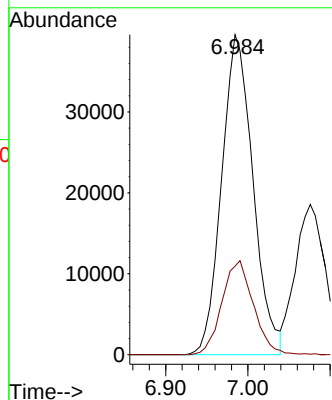
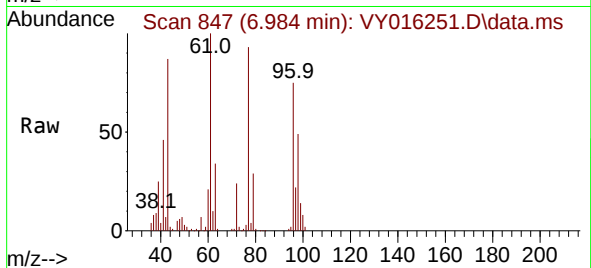
72 27.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#26

2,2-Dichloropropane

Concen: 51.566 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016251.D

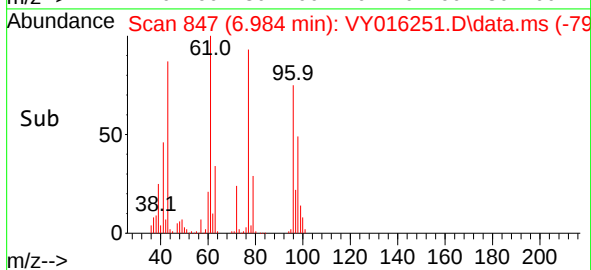
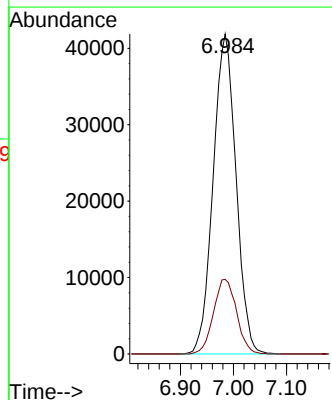
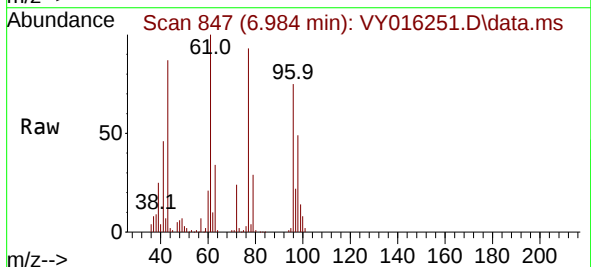
Acq: 07 Nov 2023 17:27

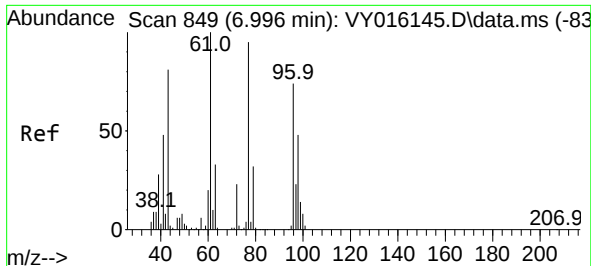
Tgt Ion: 77 Resp: 125471

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.708 ug/l

RT: 6.984 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY016251.D

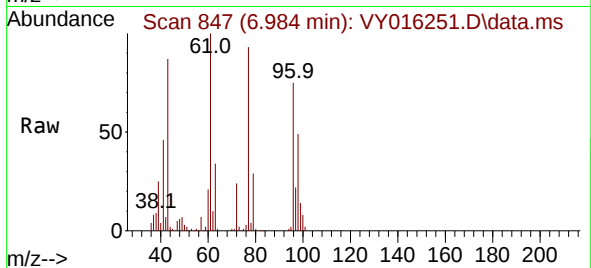
Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



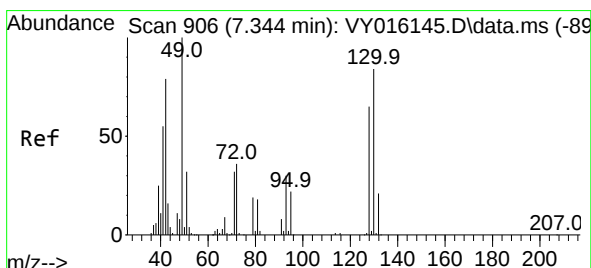
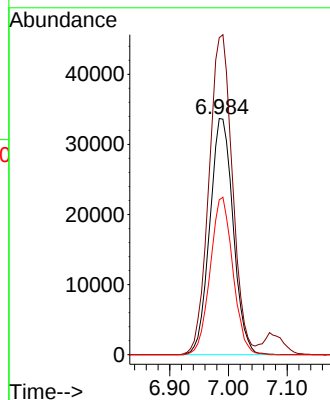
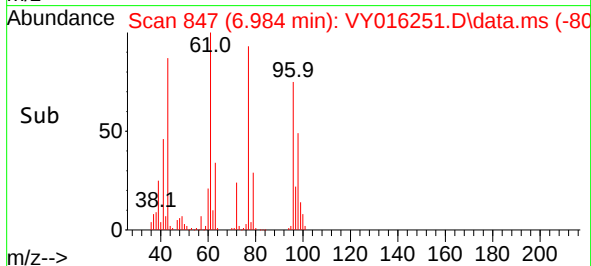
Tgt Ion: 96	Resp: 9322
Ion Ratio	Lower Upper
96	100
61	136.4 0.0 301.4
98	64.5 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#28

Bromochloromethane

Concen: 54.109 ug/l

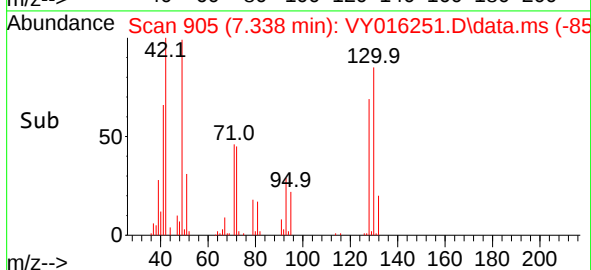
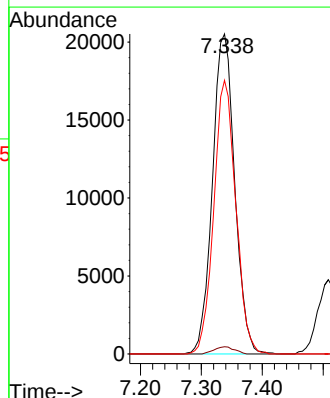
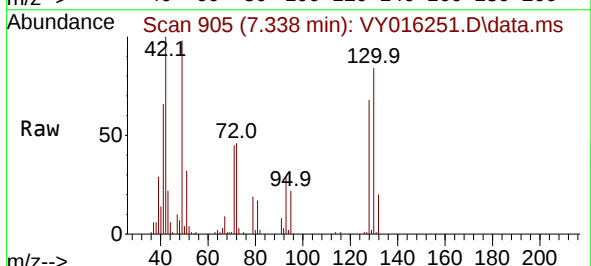
RT: 7.338 min Scan# 905

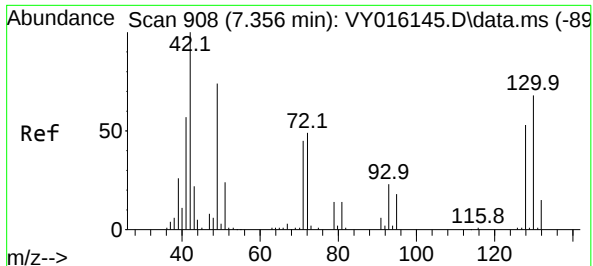
Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Tgt Ion: 49	Resp: 52118
Ion Ratio	Lower Upper
49	100
129	2.1 0.0 4.6
130	84.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 276.233 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

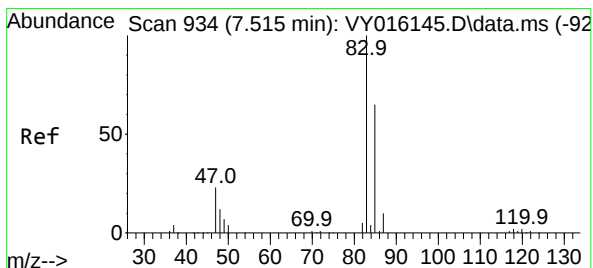
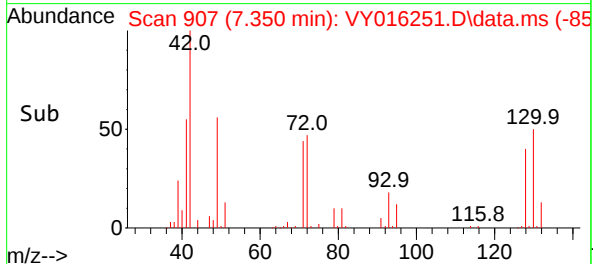
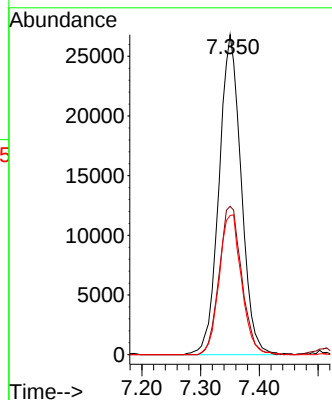
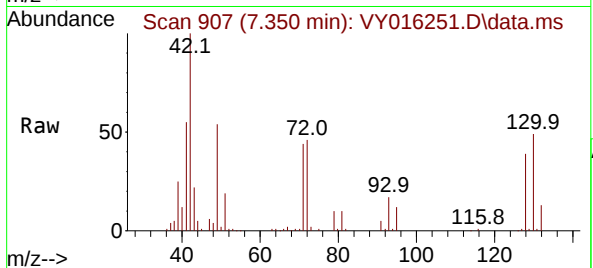
Tgt Ion:	42	Resp:	70229
Ion	Ratio	Lower	Upper
42	100		
72	47.1	32.8	49.2
71	44.1	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 54.580 ug/l

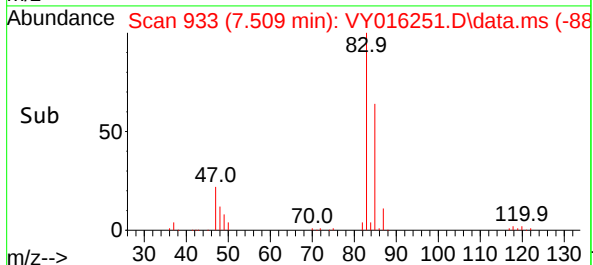
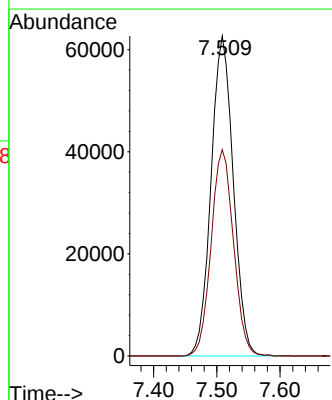
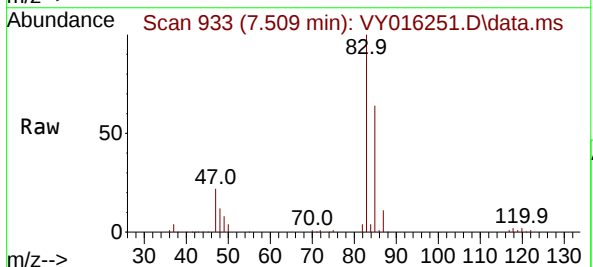
RT: 7.509 min Scan# 933

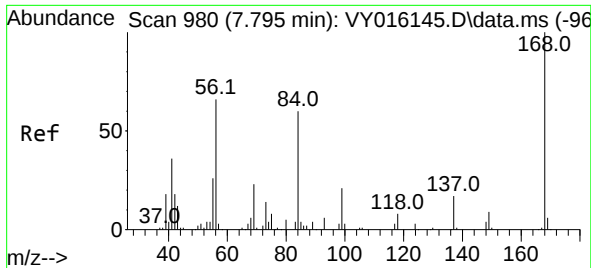
Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

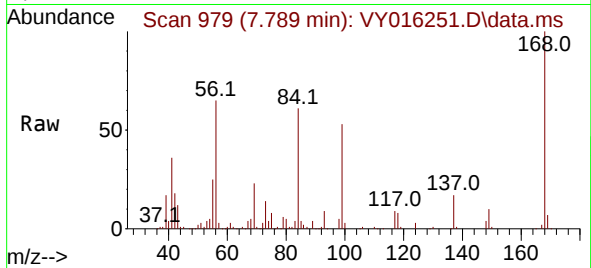
Tgt Ion:	83	Resp:	152952
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.7	74.5





#31
Cyclohexane
Concen: 49.493 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

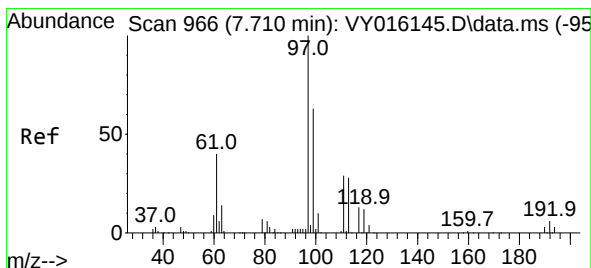
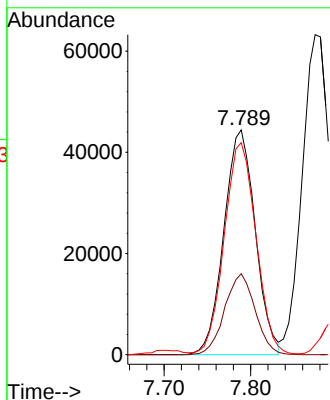
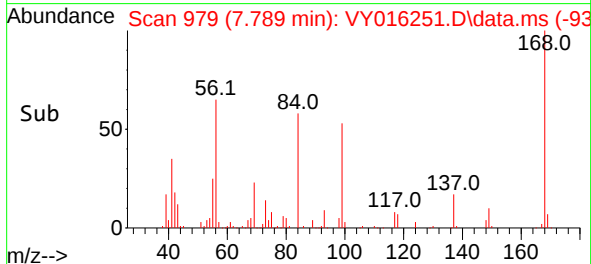
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



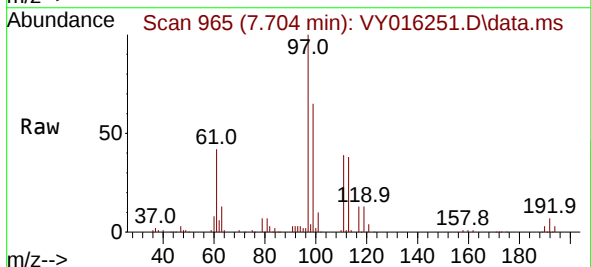
Tgt Ion: 56 Resp: 111845
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 92.6 66.4 99.6

Manual Integrations
APPROVED

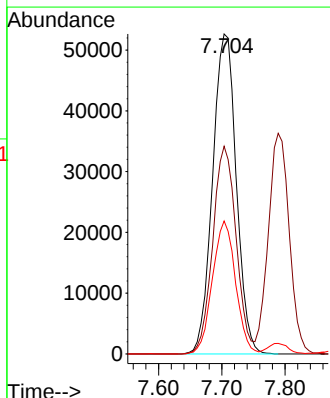
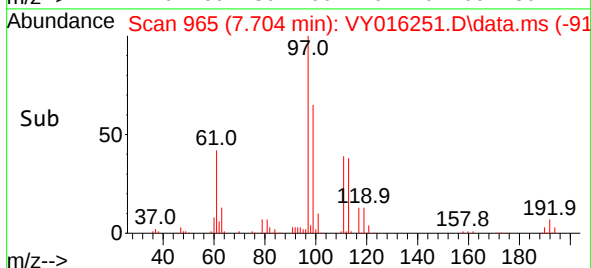
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

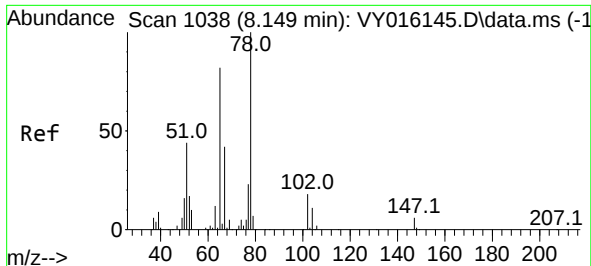


#32
1,1,1-Trichloroethane
Concen: 53.230 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27



Tgt Ion: 97 Resp: 136801
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 40.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.190 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7819

Ion Ratio Lower Upper

65 100

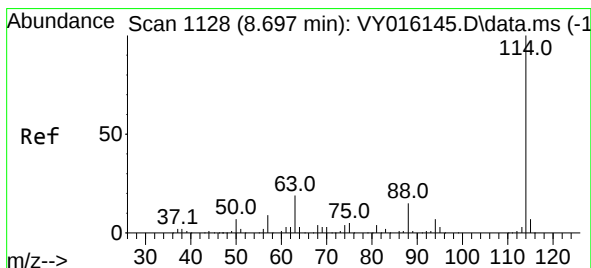
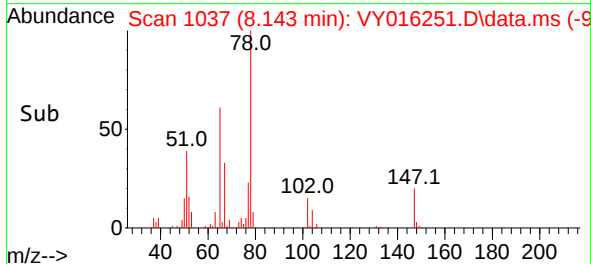
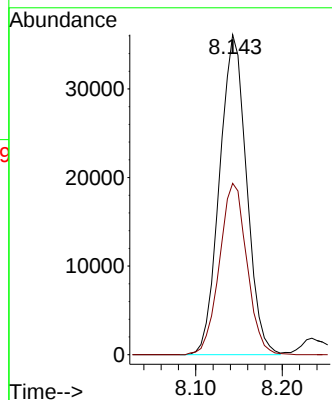
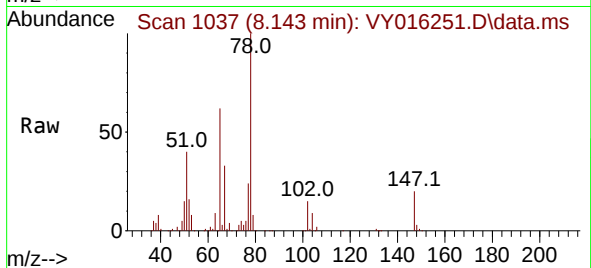
67 54.4 0.0 101.8

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: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

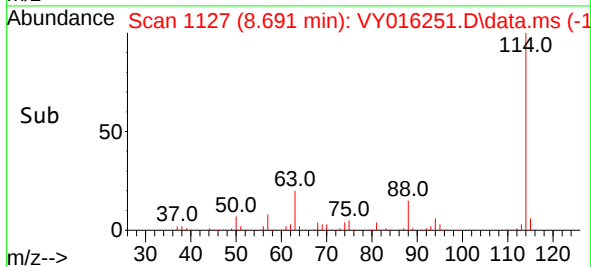
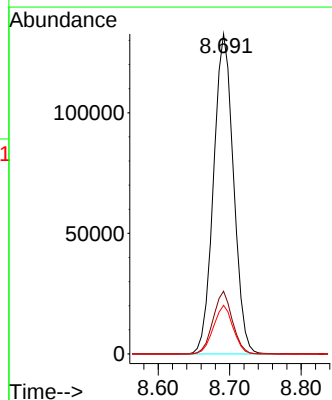
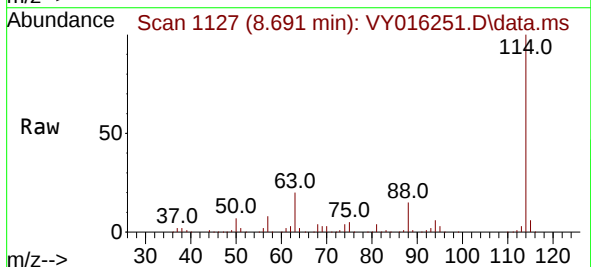
Tgt Ion:114 Resp: 257253

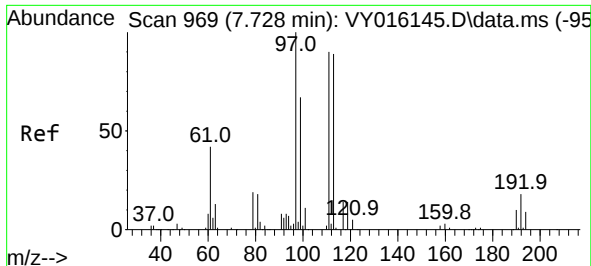
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.2 0.0 30.6





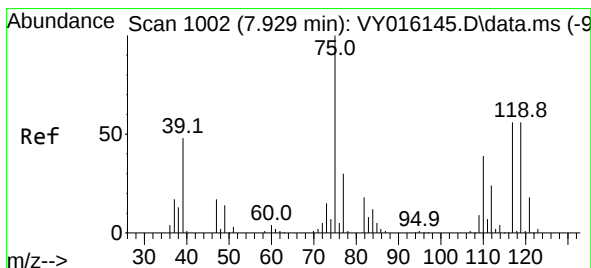
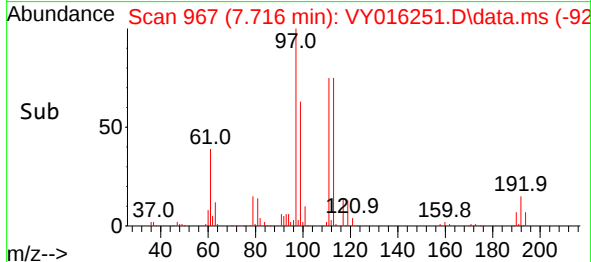
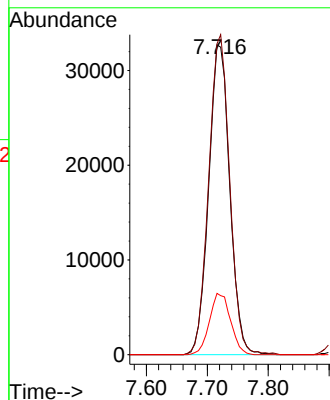
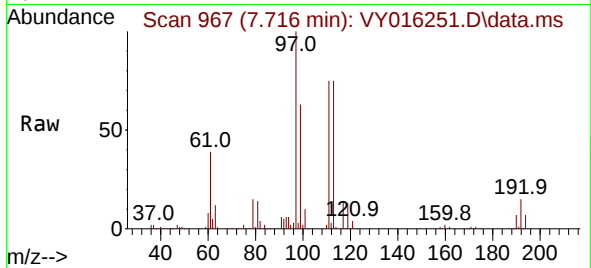
#35
Dibromofluoromethane
Concen: 51.293 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 7866
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3

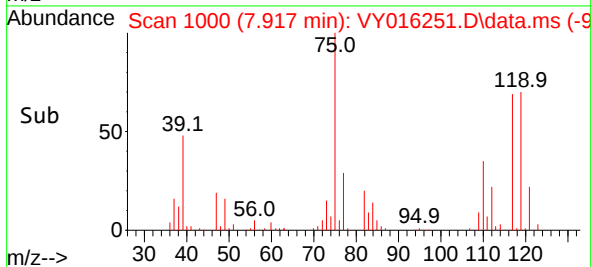
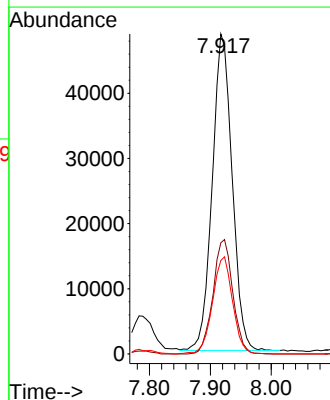
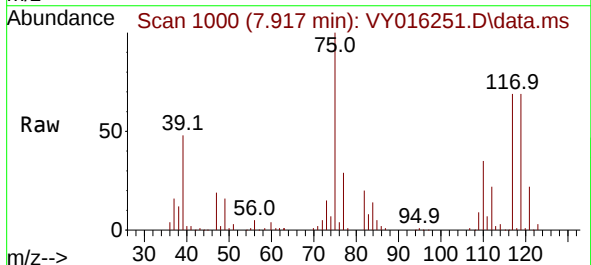
Manual Integrations
APPROVED

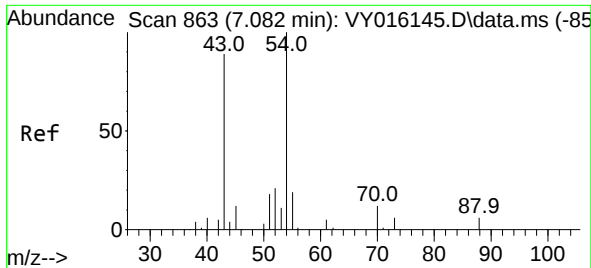
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#36
1,1-Dichloropropene
Concen: 49.786 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 75 Resp: 110255
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.0 24.4 36.6





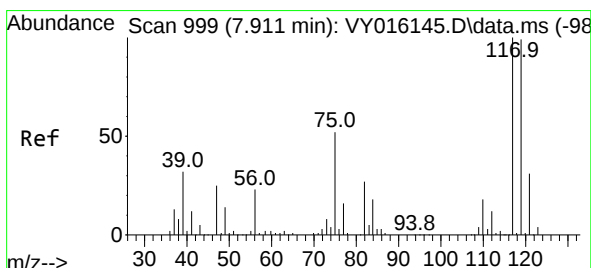
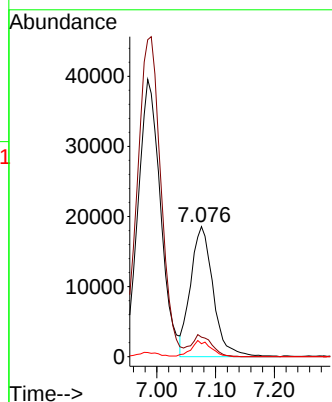
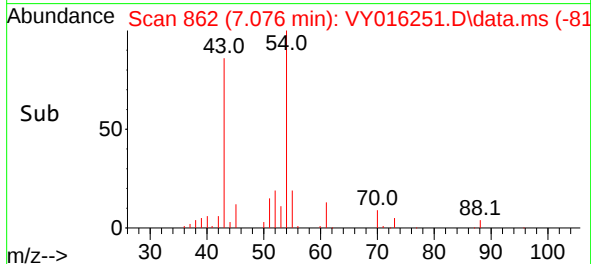
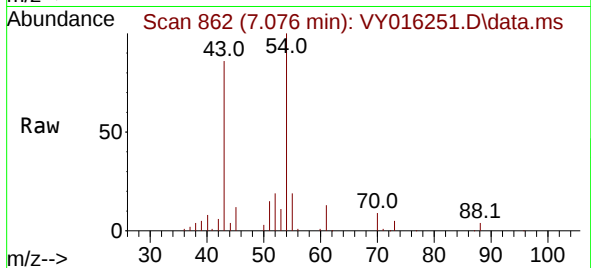
#37
Ethyl Acetate
Concen: 50.230 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 49540
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 10.8 7.1 10.7

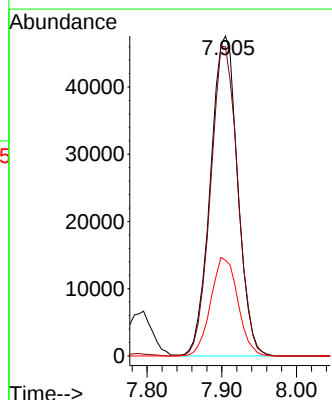
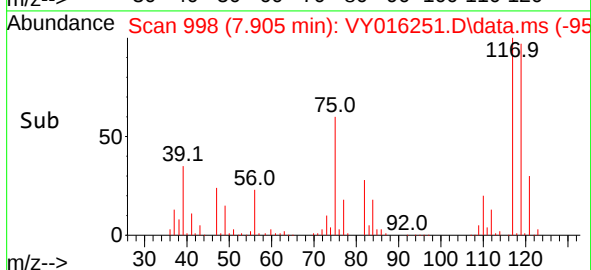
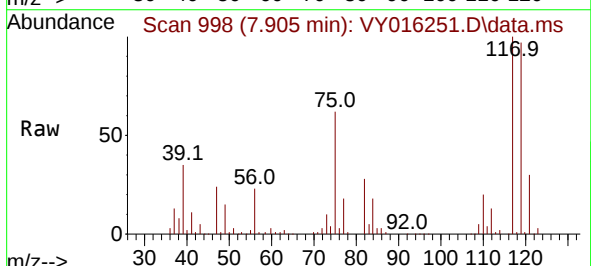
Manual Integrations
APPROVED

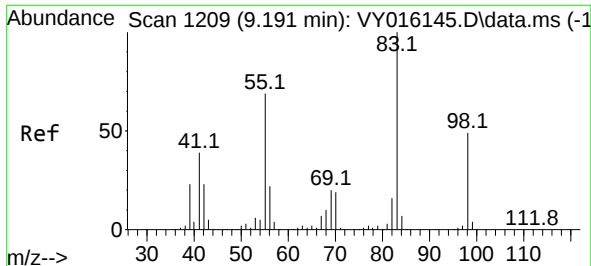
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 54.868 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:117 Resp: 120383
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 50.501 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

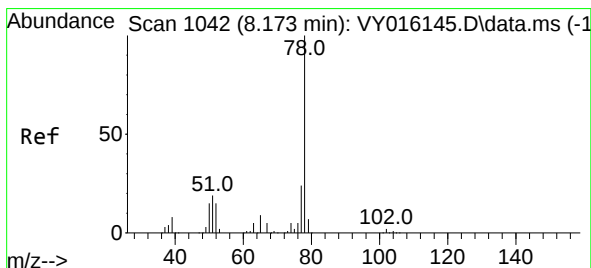
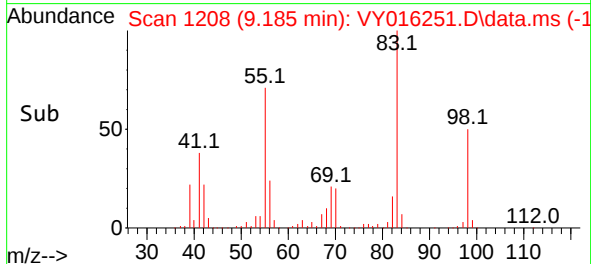
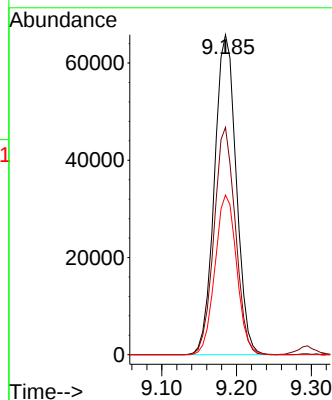
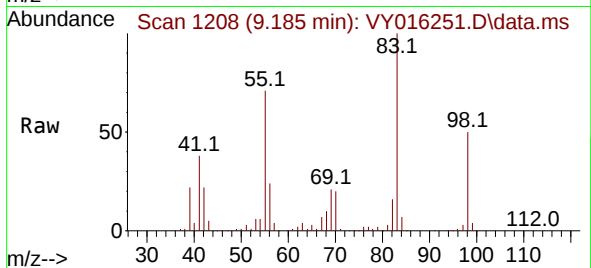
Tgt Ion: 83 Resp: 133498
 Ion Ratio Lower Upper
 83 100
 55 71.1 63.0 94.4
 98 49.9 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 51.147 ug/l

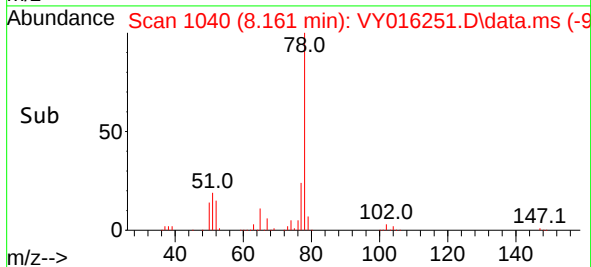
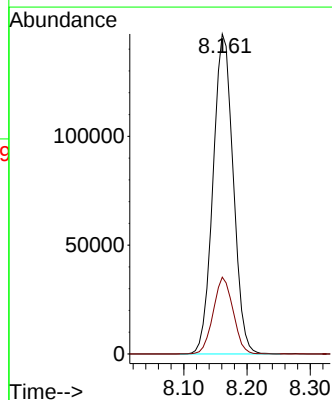
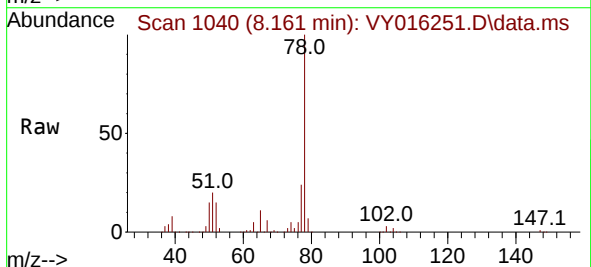
RT: 8.161 min Scan# 1040

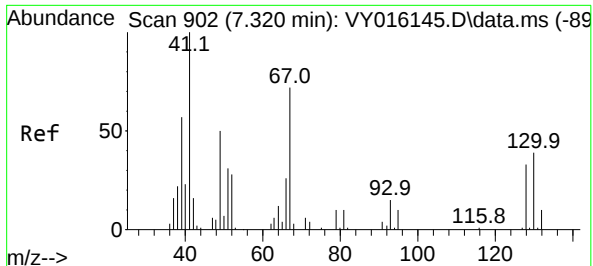
Delta R.T. -0.012 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Tgt Ion: 78 Resp: 325188
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.0 28.6





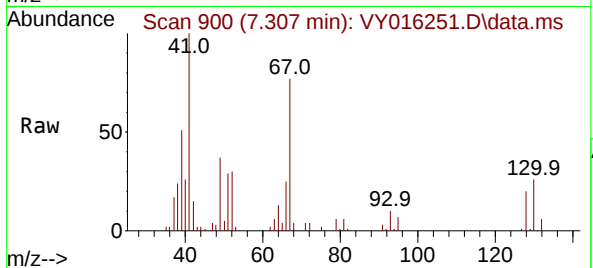
#41
Methacrylonitrile
Concen: 43.301 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



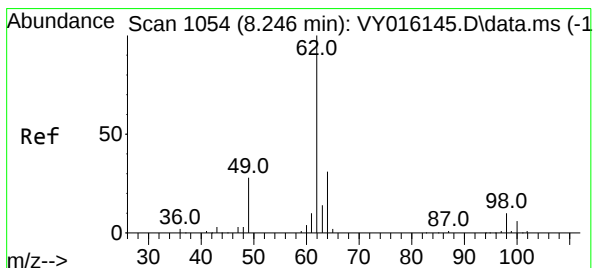
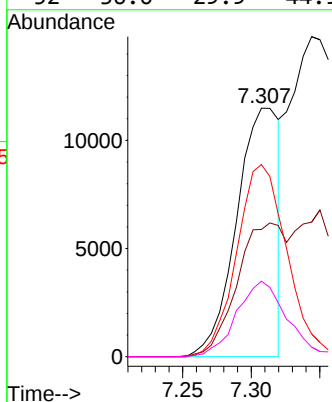
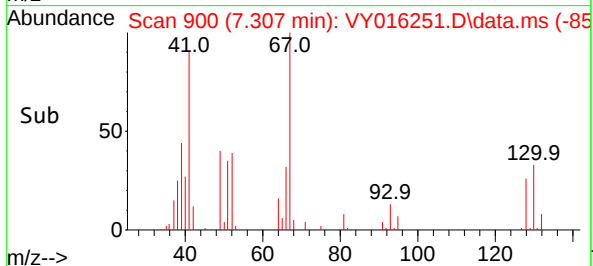
Tgt Ion: 41 Resp: 24792
Ion Ratio Lower Upper
41 100
39 61.5 52.1 78.1
67 91.5 66.2 99.2
52 36.0 29.9 44.9

Manual Integrations

APPROVED

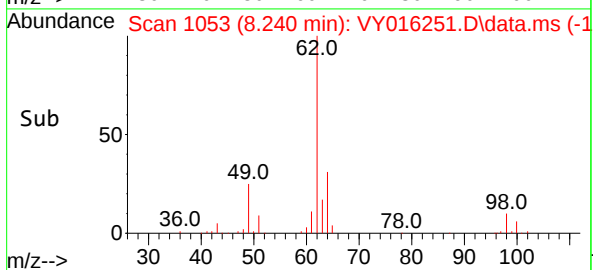
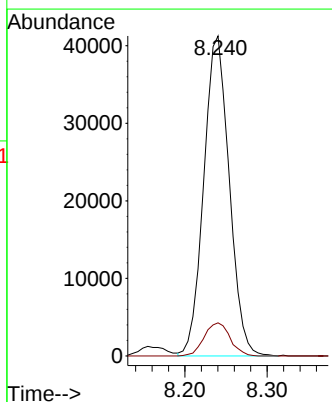
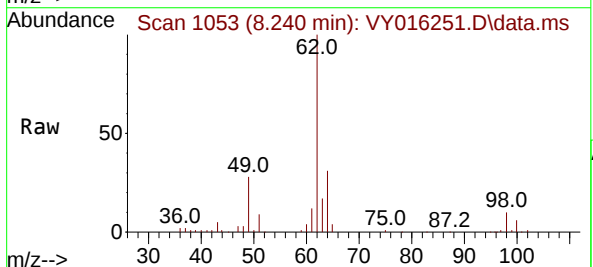
Reviewed By :John Carlone 11/08/2023

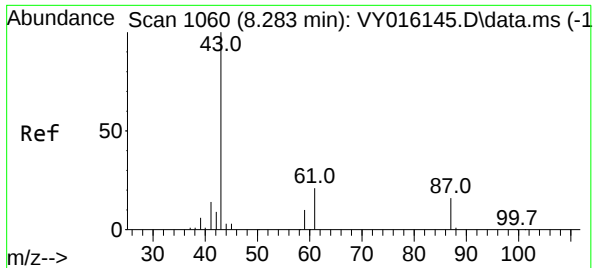
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 50.111 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 62 Resp: 88911
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





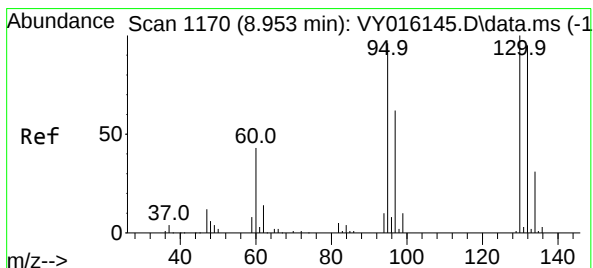
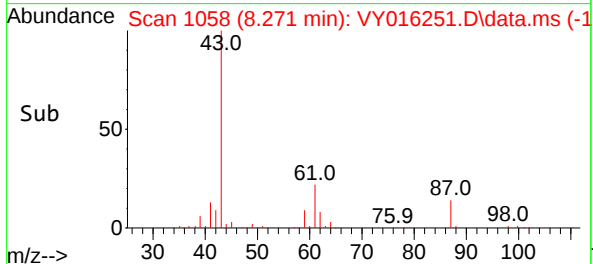
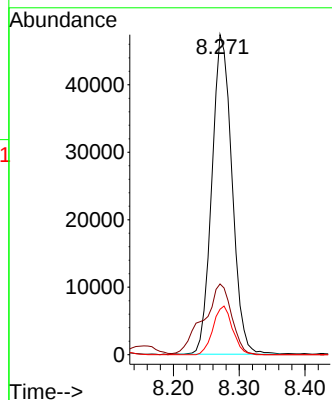
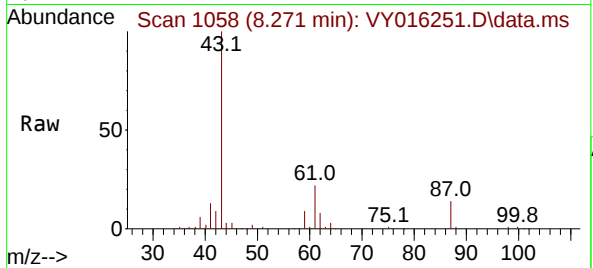
#43
Isopropyl Acetate
Concen: 51.625 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 10072
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 14.7 9.8 14.8

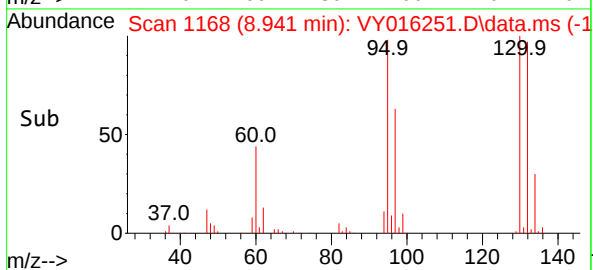
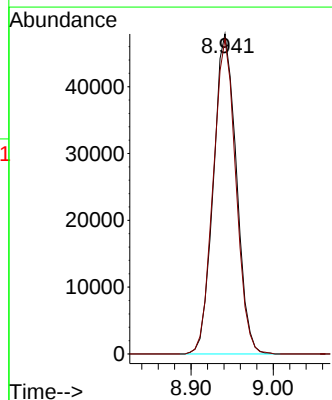
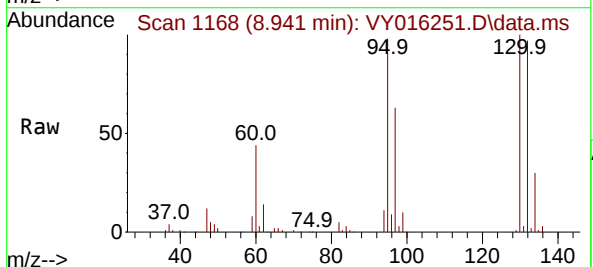
Manual Integrations
APPROVED

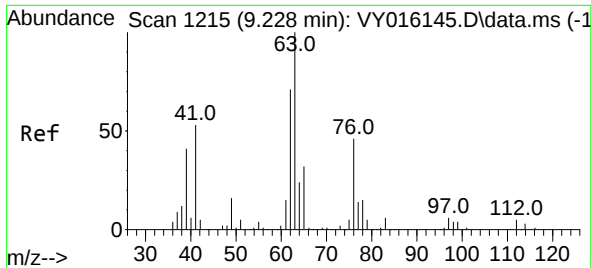
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 49.885 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:130 Resp: 92814
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.0





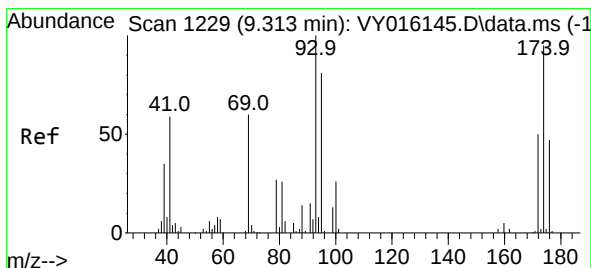
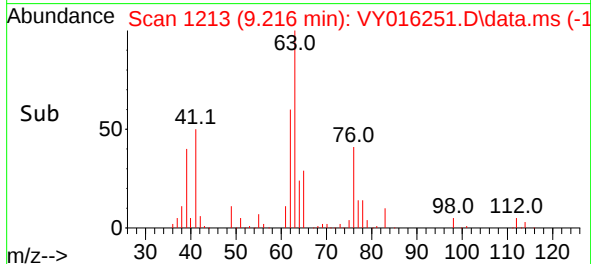
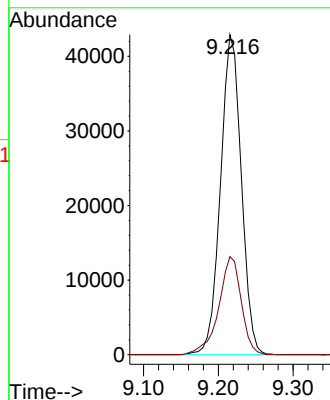
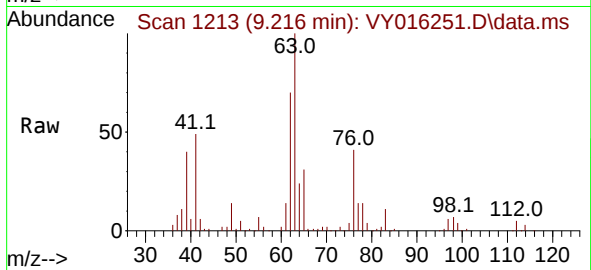
#45
1,2-Dichloropropane
Concen: 54.324 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 8308
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6

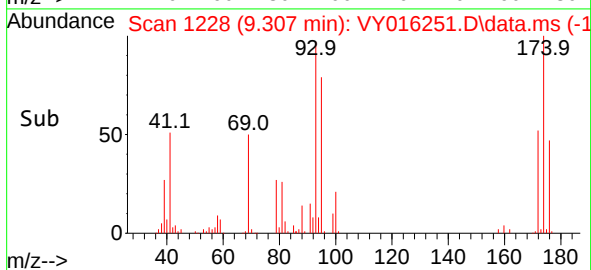
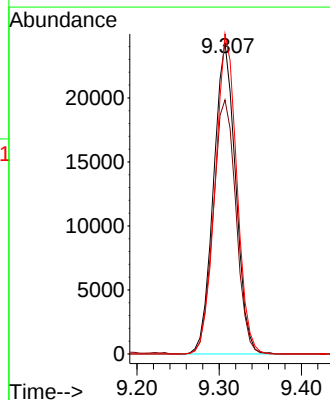
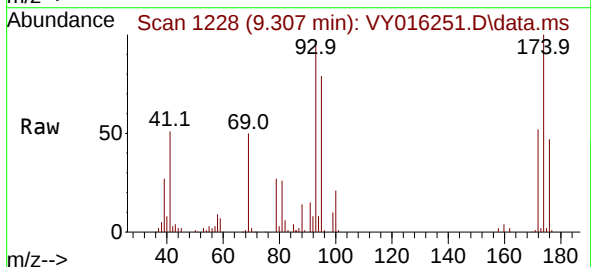
Manual Integrations
APPROVED

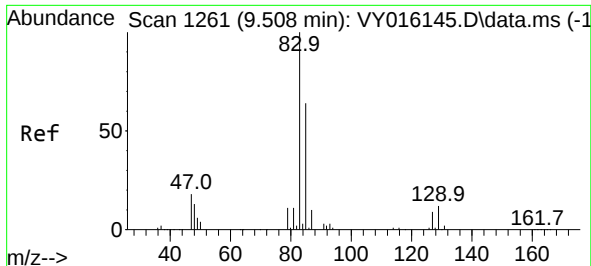
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#46
Dibromomethane
Concen: 52.133 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 93 Resp: 45232
Ion Ratio Lower Upper
93 100
95 84.4 66.6 100.0
174 100.6 84.8 127.2





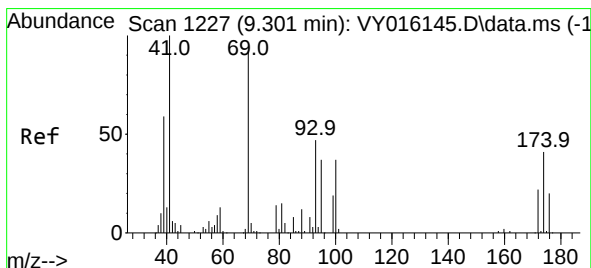
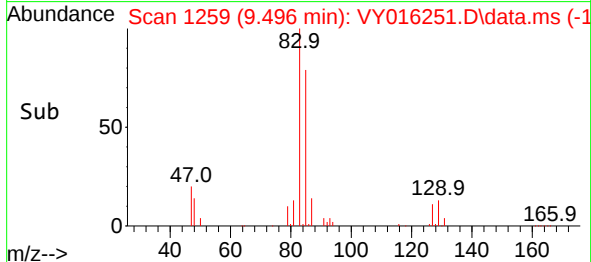
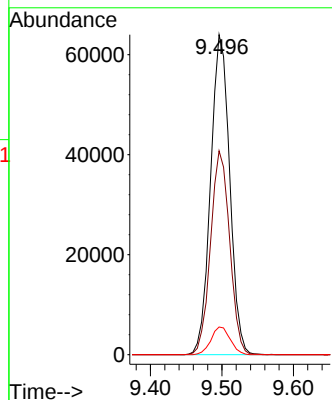
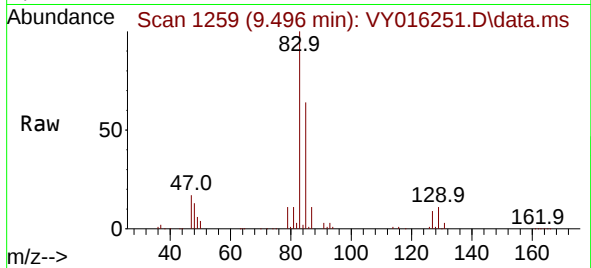
#47
Bromodichloromethane
Concen: 53.692 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11836
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.6 7.1 10.7

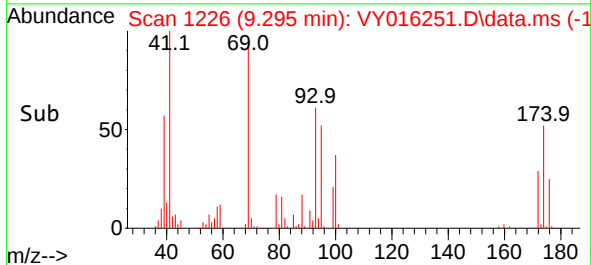
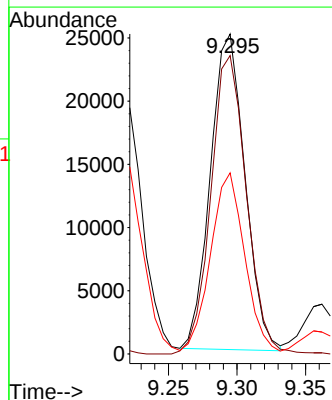
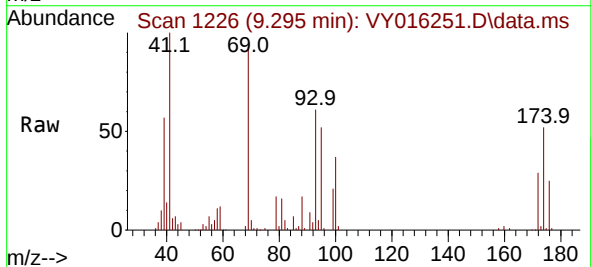
Manual Integrations
APPROVED

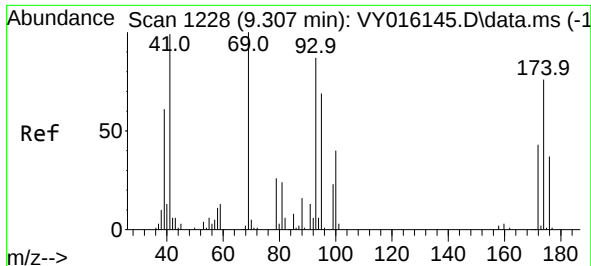
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#48
Methyl methacrylate
Concen: 49.362 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 41 Resp: 43795
Ion Ratio Lower Upper
41 100
69 97.0 64.5 96.7#
39 55.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1010.218 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 1041

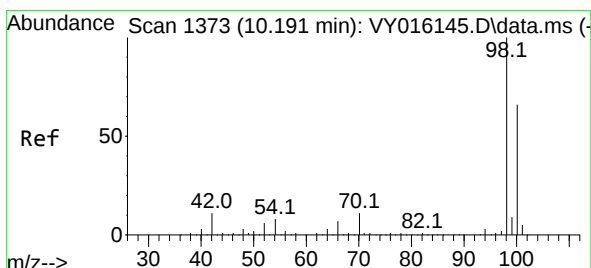
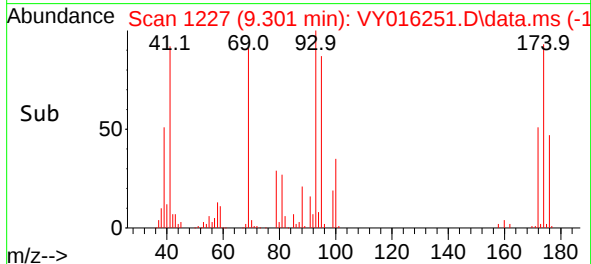
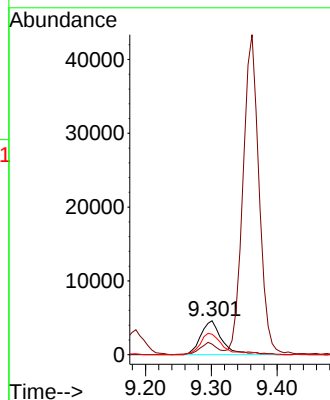
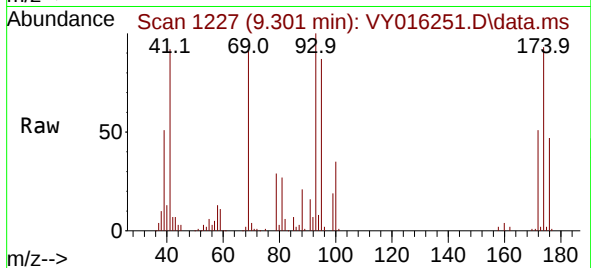
Ion	Ratio	Lower	Upper
88	100		
43	29.7	0.0	0.0
58	62.4	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#50

Toluene-d8

Concen: 51.794 ug/l

RT: 10.179 min Scan# 1371

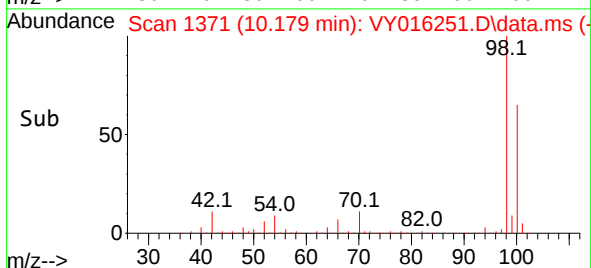
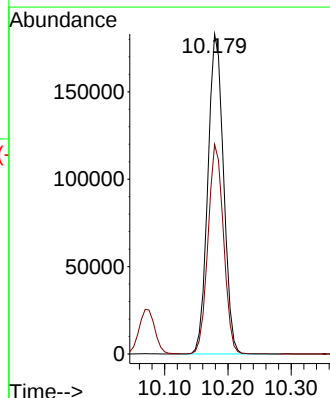
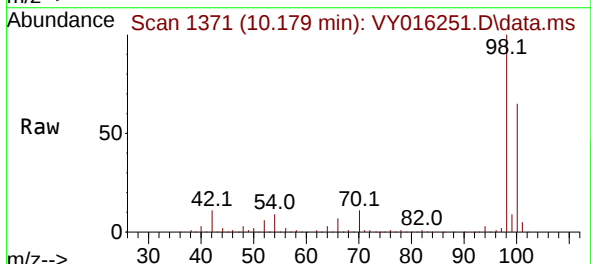
Delta R.T. -0.012 min

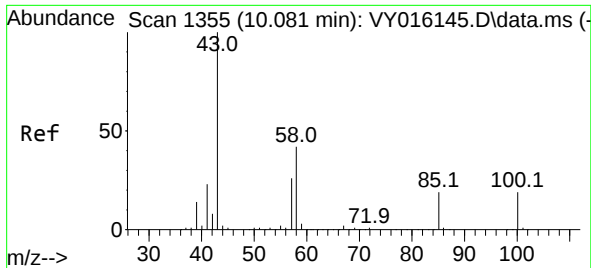
Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Tgt Ion: 98 Resp: 314941

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.1	75.1





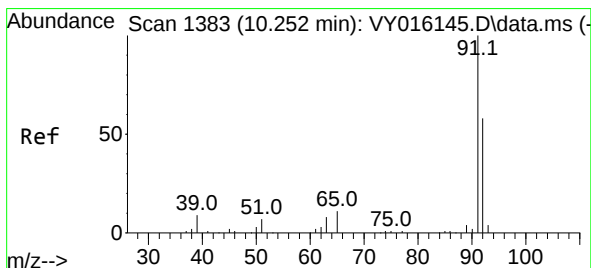
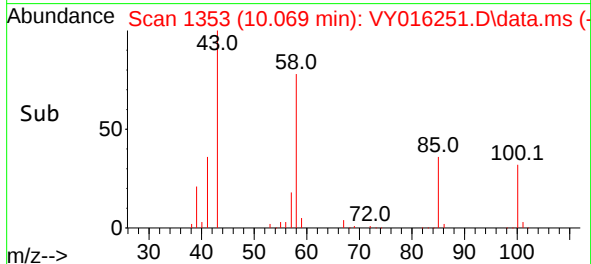
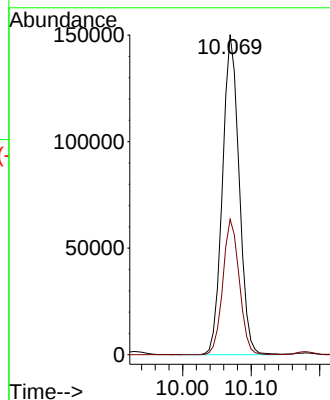
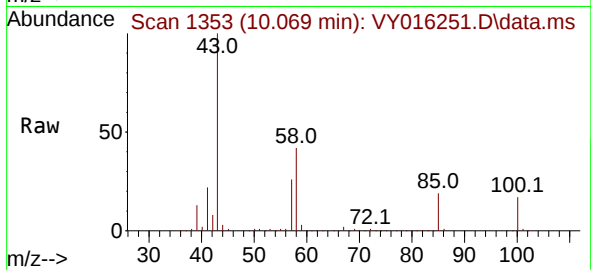
#51
4-Methyl-2-Pentanone
Concen: 259.558 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 252690
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.6

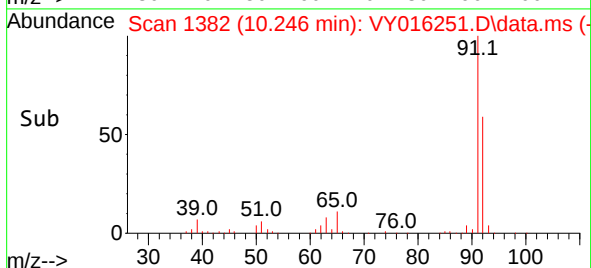
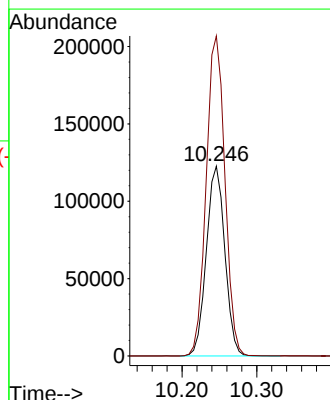
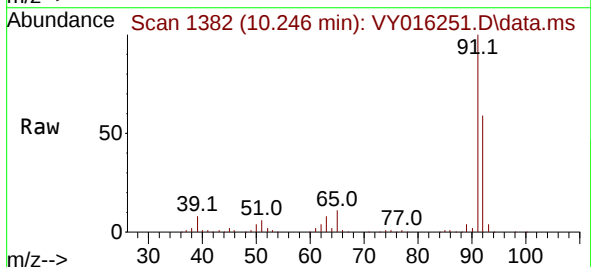
Manual Integrations
APPROVED

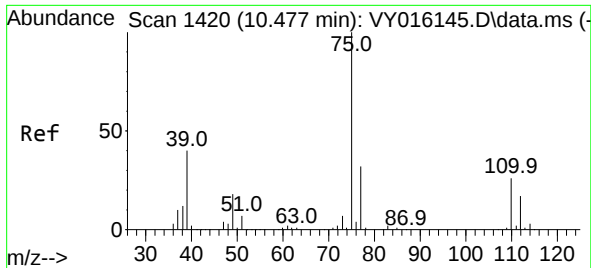
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 51.099 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 92 Resp: 210521
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6





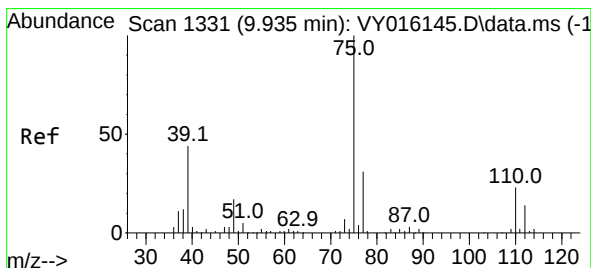
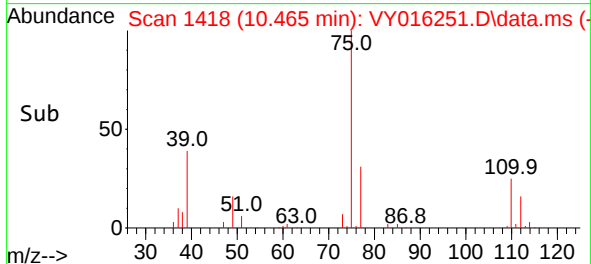
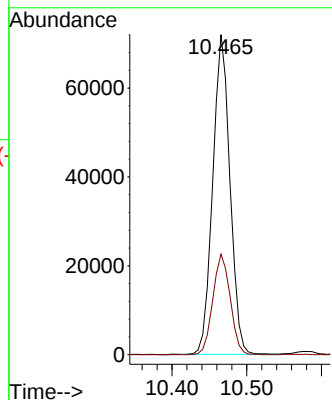
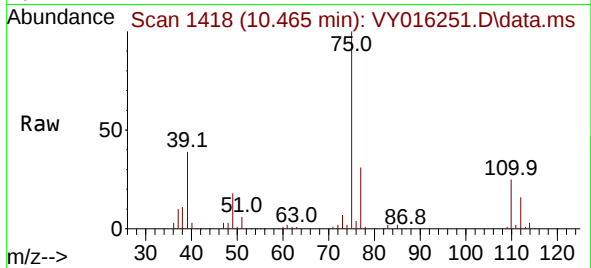
#53
t-1,3-Dichloropropene
Concen: 52.355 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 115214
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

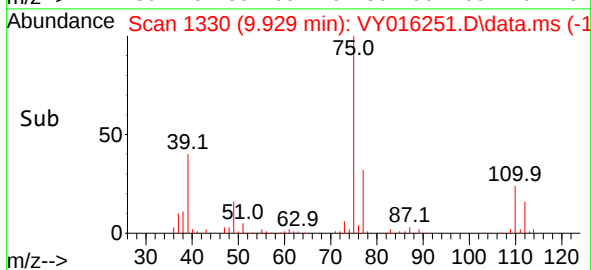
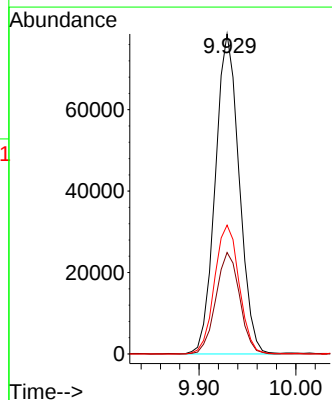
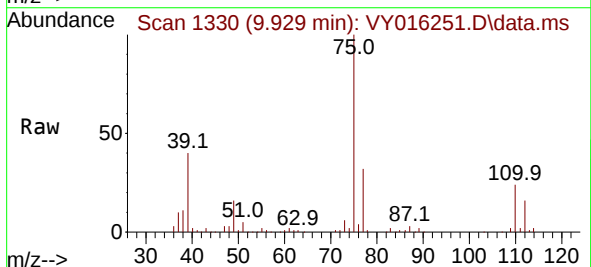
Manual Integrations
APPROVED

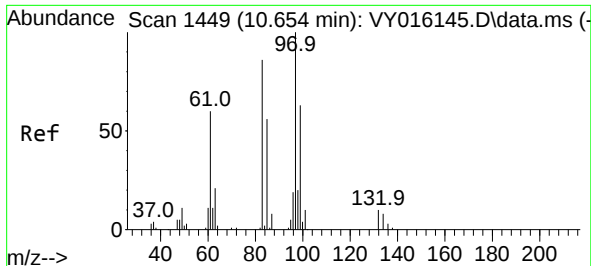
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#54
cis-1,3-Dichloropropene
Concen: 52.252 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

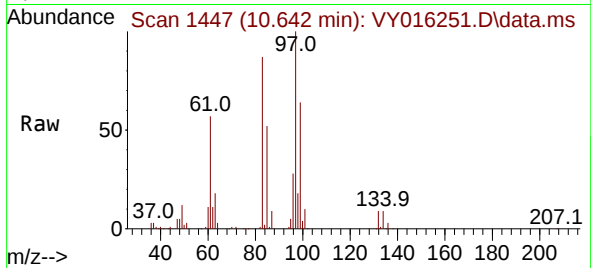
Tgt Ion: 75 Resp: 134928
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 40.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 53.235 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

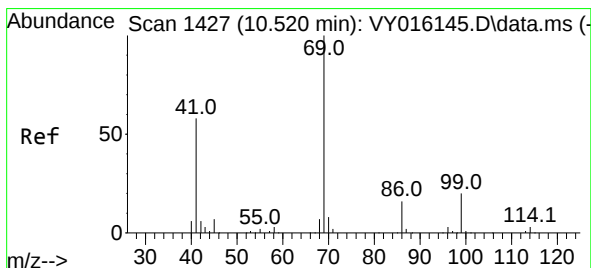
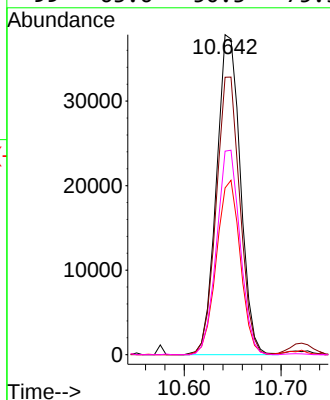
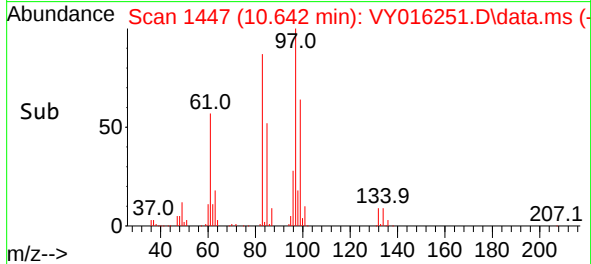
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	64970
Ion	Ratio	Lower	Upper
97	100		
83	86.7	72.0	108.0
85	52.1	45.4	68.0
99	63.6	50.3	75.5

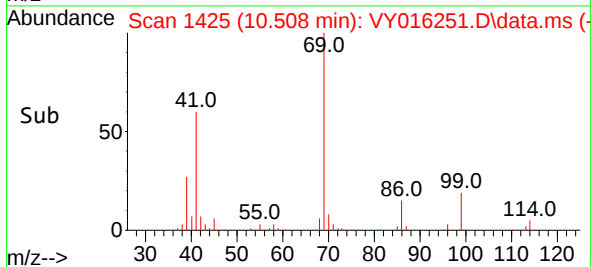
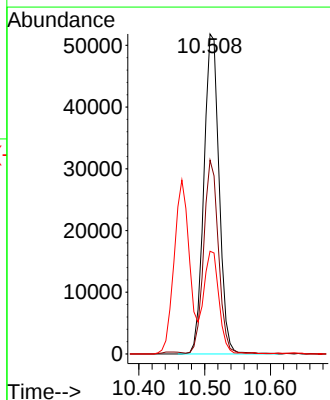
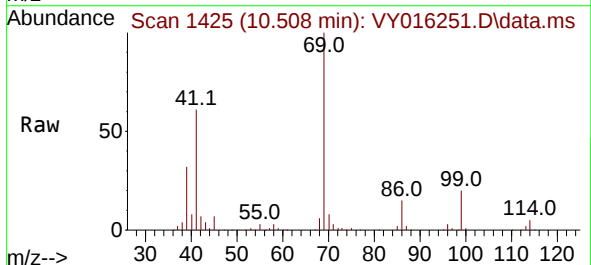
Manual Integrations
APPROVED

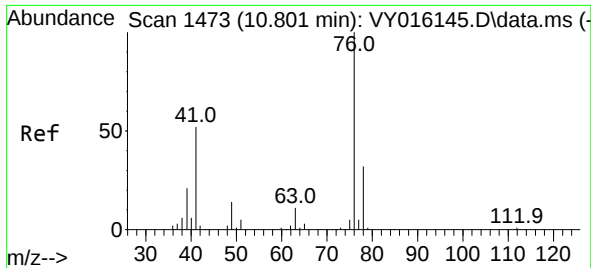
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#56
Ethyl methacrylate
Concen: 52.653 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

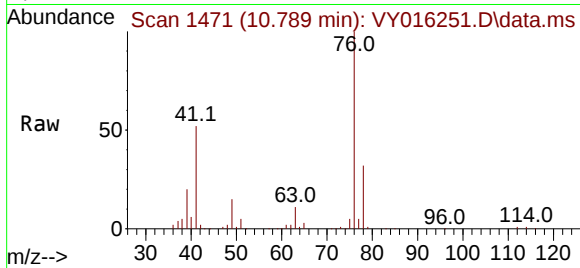
Tgt Ion:	69	Resp:	83454
Ion	Ratio	Lower	Upper
69	100		
41	58.6	57.6	86.4
39	31.1	34.1	51.1





#57
1,3-Dichloropropane
Concen: 51.945 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

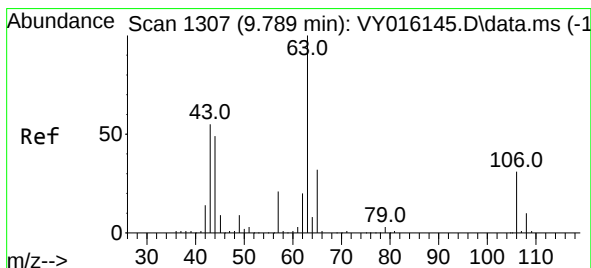
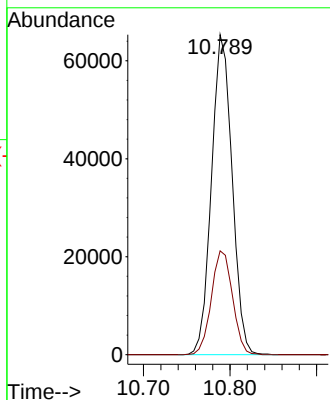
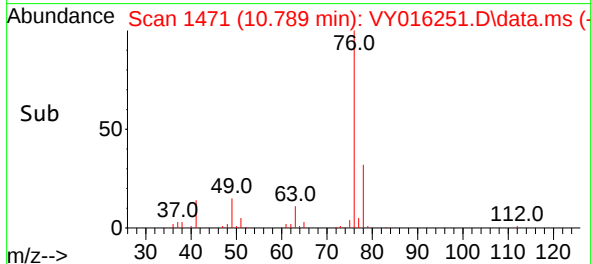
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 107924
Ion Ratio Lower Upper
76 100
78 33.3 25.3 37.9

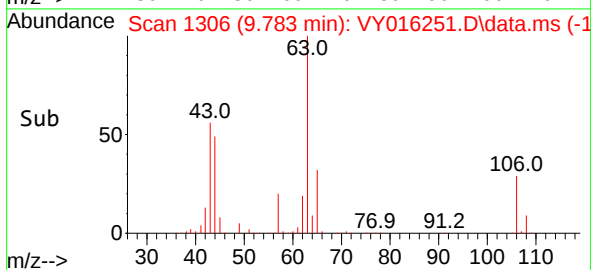
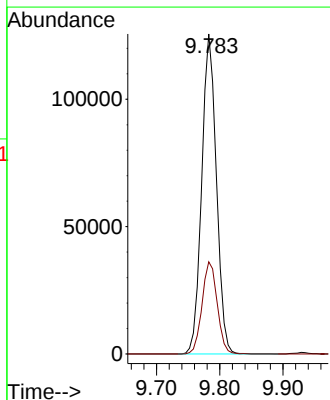
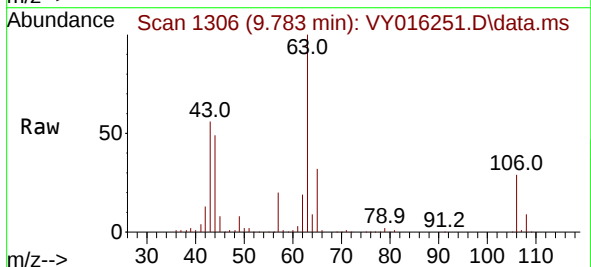
Manual Integrations
APPROVED

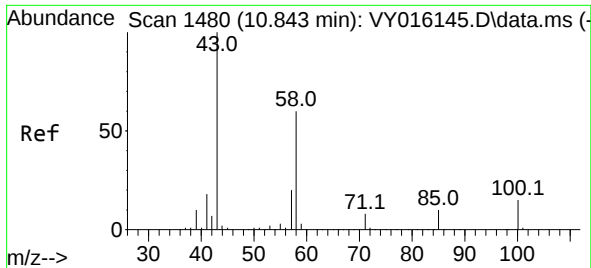
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 264.244 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

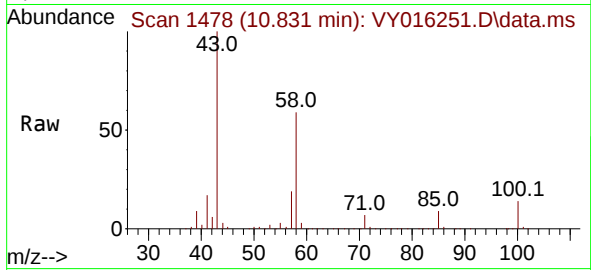
Tgt Ion: 63 Resp: 203090
Ion Ratio Lower Upper
63 100
106 29.7 21.2 31.8





#59
2-Hexanone
Concen: 253.213 ug/l
RT: 10.831 min Scan# 1480
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

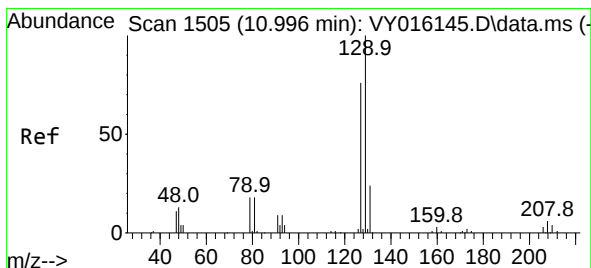
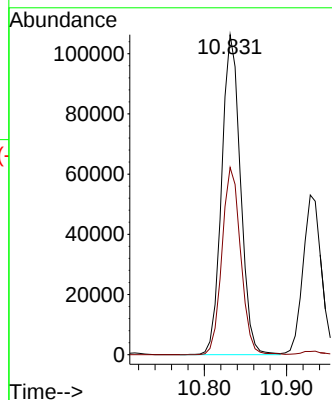
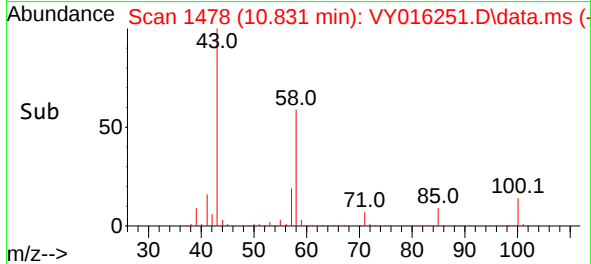
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



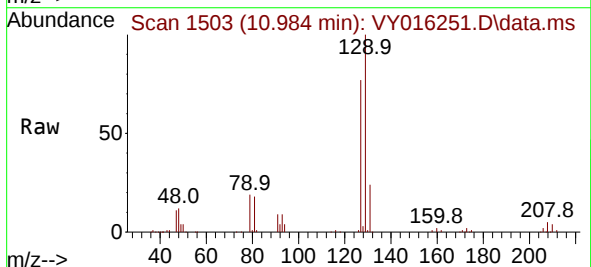
Tgt Ion: 43 Resp: 168920
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3

Manual Integrations
APPROVED

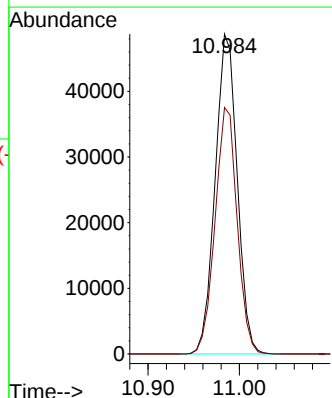
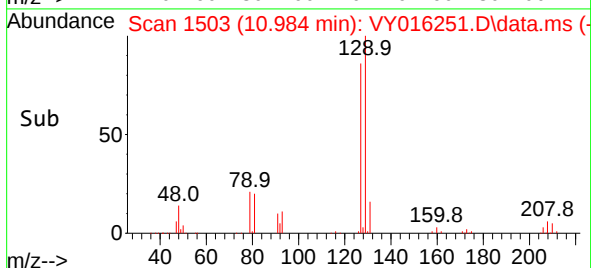
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

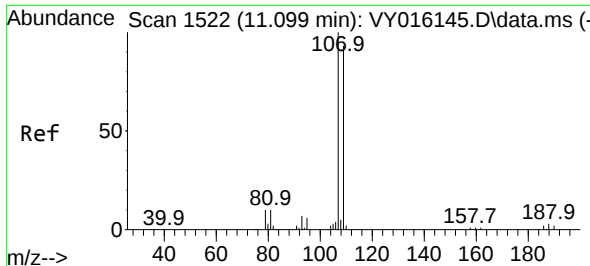


#60
Dibromochloromethane
Concen: 53.340 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27



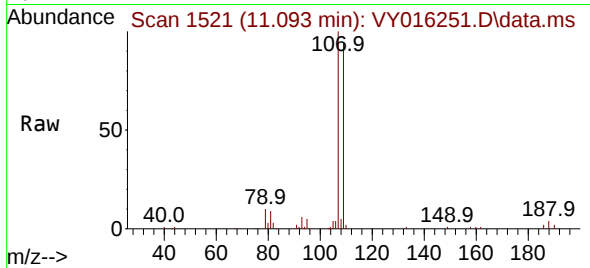
Tgt Ion:129 Resp: 81670
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.747 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

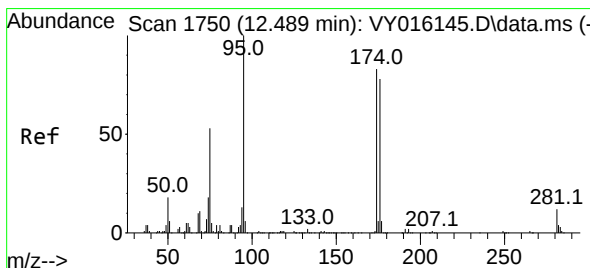
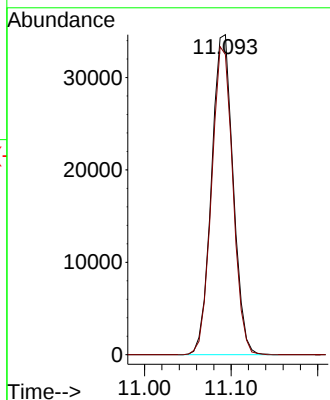
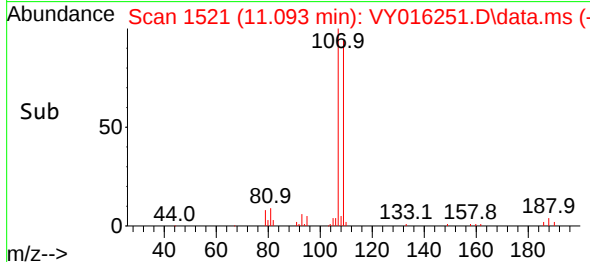
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



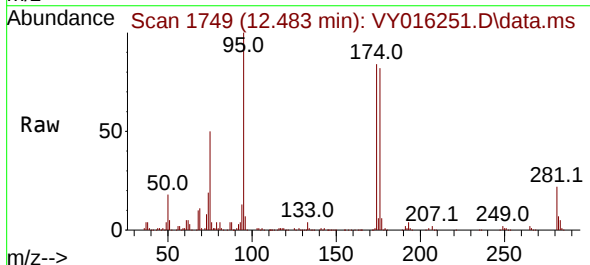
Tgt Ion:107 Resp: 6007
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

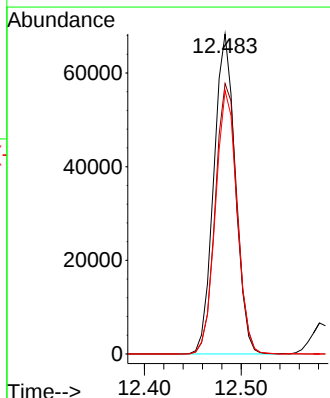
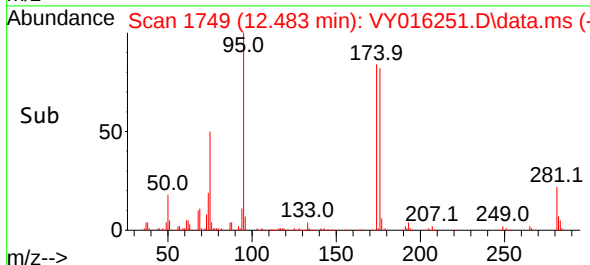
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

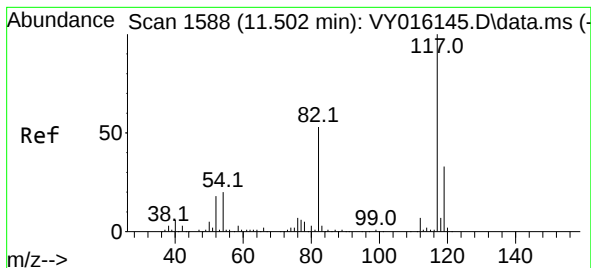


#62
4-Bromofluorobenzene
Concen: 50.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27



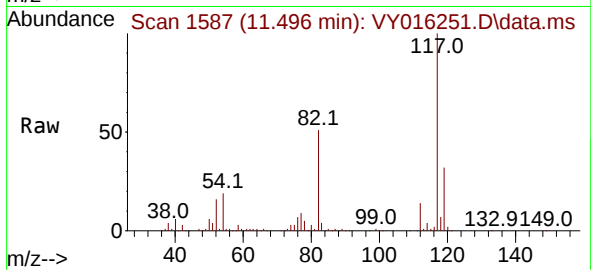
Tgt Ion: 95 Resp: 105193
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

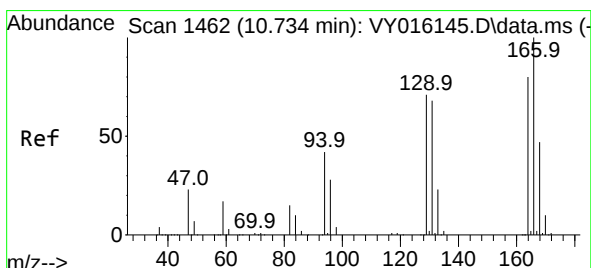
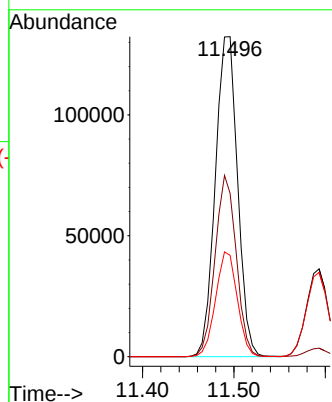
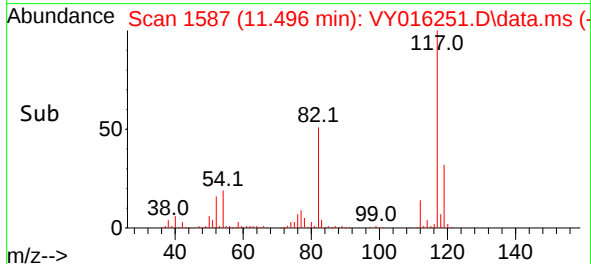
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 224074
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.7 26.3 39.5

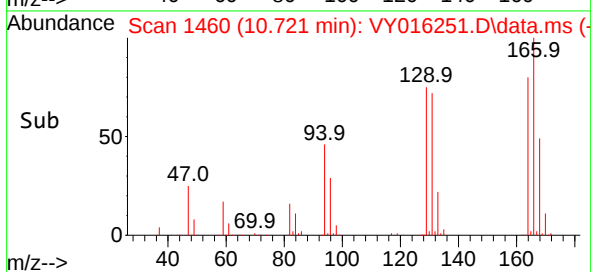
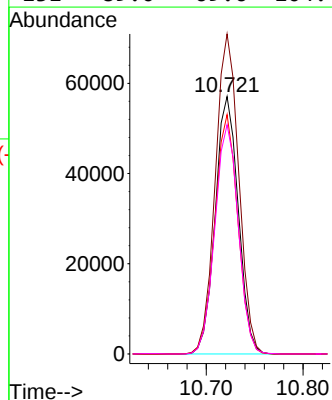
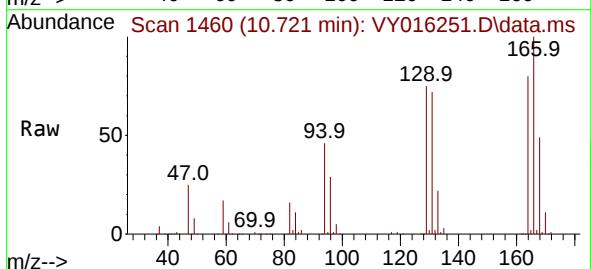
Manual Integrations
APPROVED

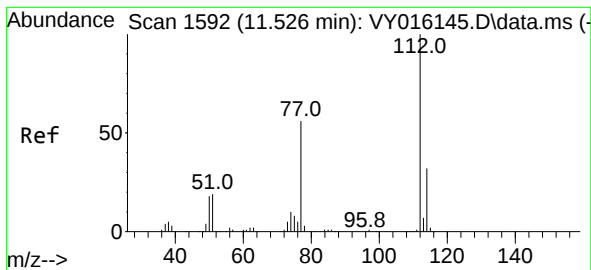
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 47.435 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:164 Resp: 94544
Ion Ratio Lower Upper
164 100
166 124.3 103.0 154.6
129 93.0 77.2 115.8
131 89.0 69.6 104.4





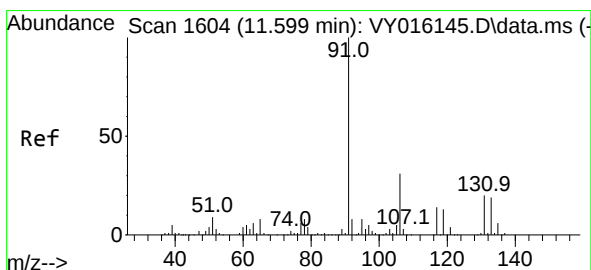
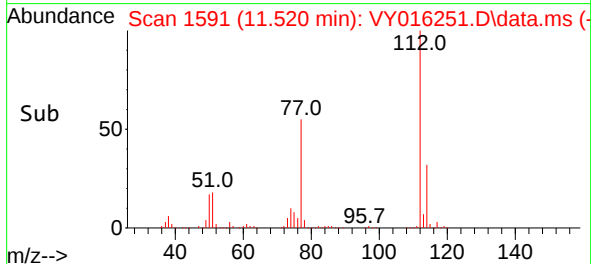
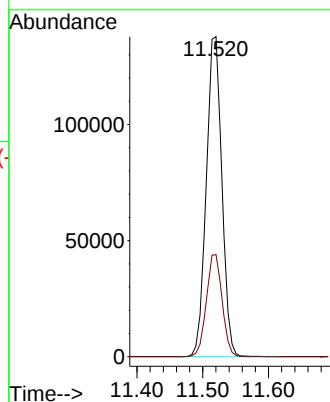
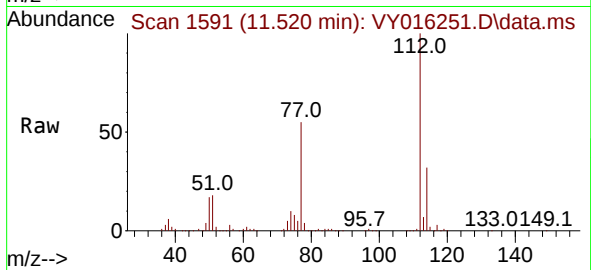
#65
Chlorobenzene
Concen: 51.044 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 227238
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

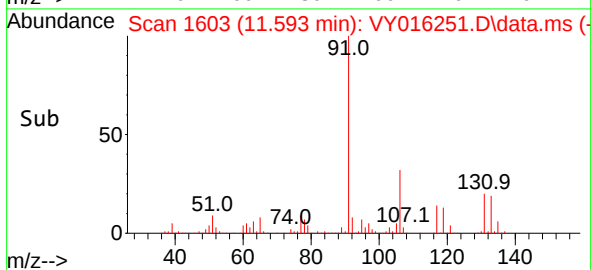
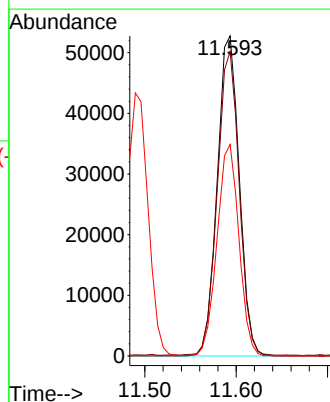
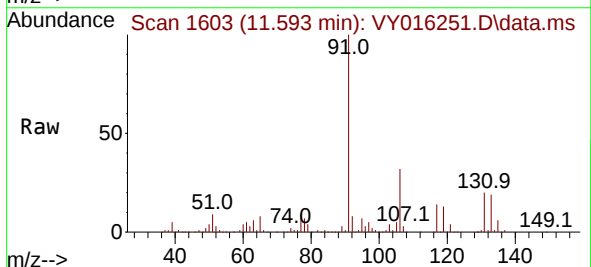
Manual Integrations
APPROVED

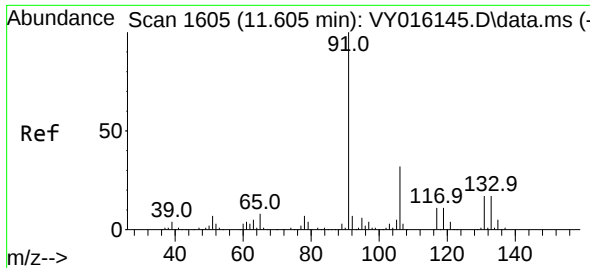
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.632 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:131 Resp: 88434
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 65.8 31.6 94.7





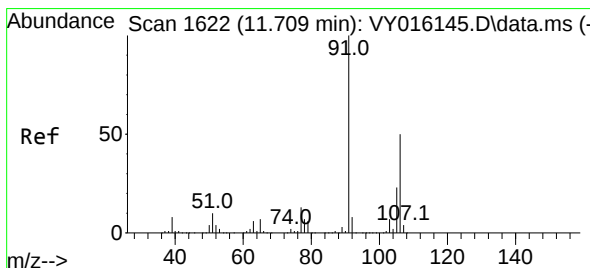
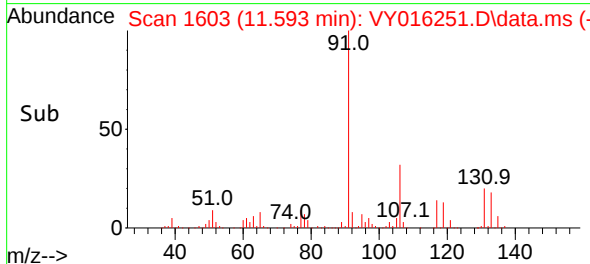
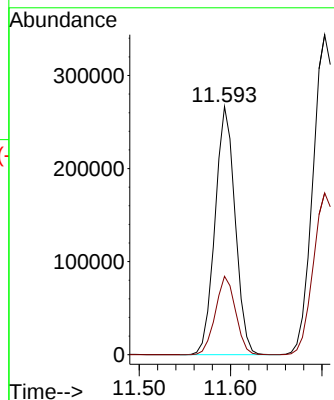
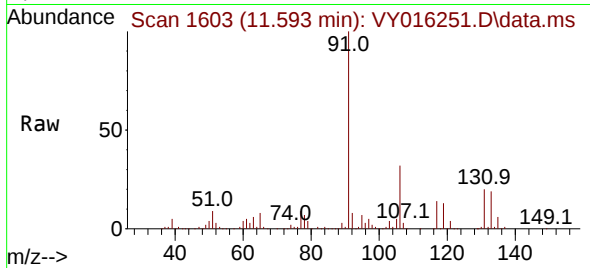
#67
Ethyl Benzene
Concen: 51.174 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 407470
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

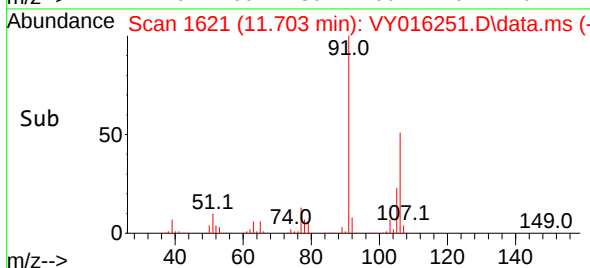
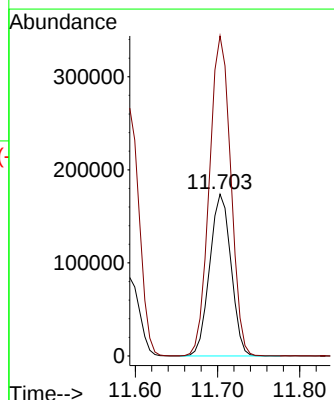
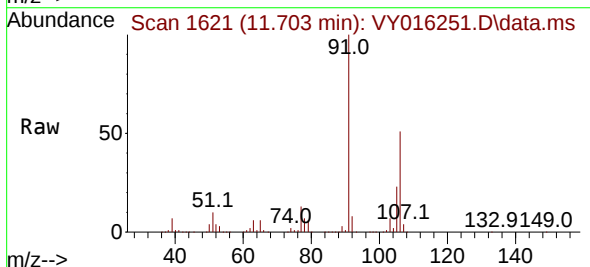
Manual Integrations
APPROVED

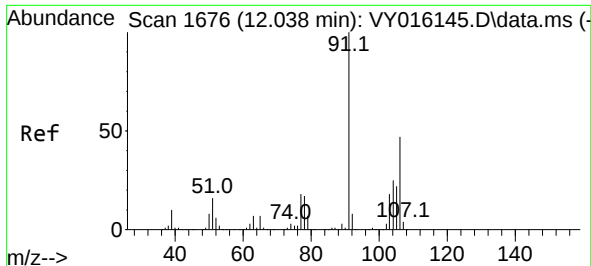
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#68
m/p-Xylenes
Concen: 101.948 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:106 Resp: 313681
Ion Ratio Lower Upper
106 100
91 198.7 166.1 249.1





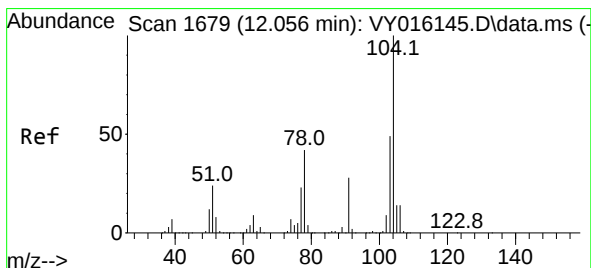
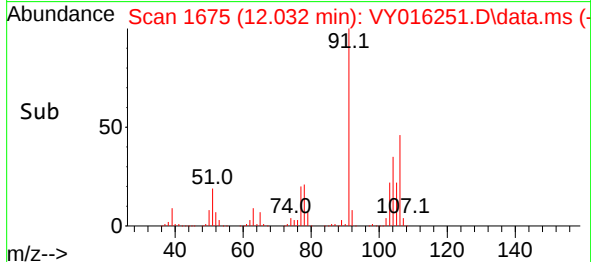
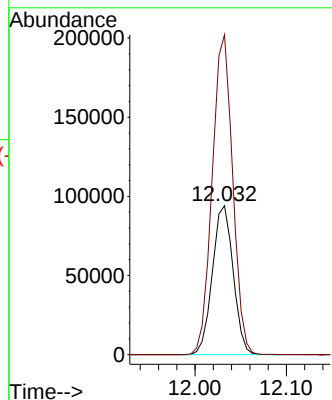
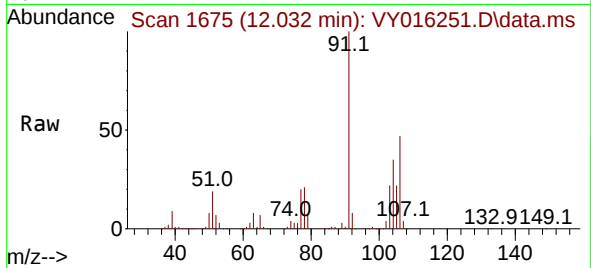
#69
o-Xylene
Concen: 50.635 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 148752
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.3

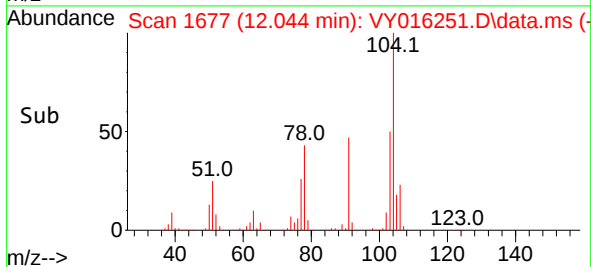
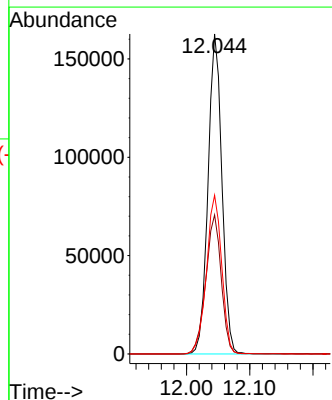
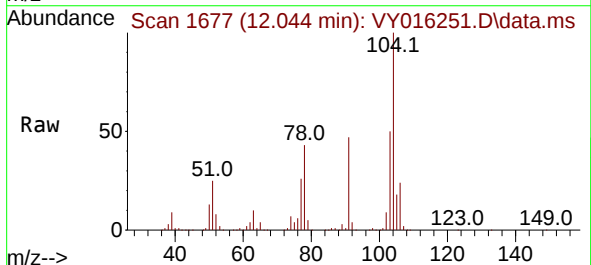
Manual Integrations
APPROVED

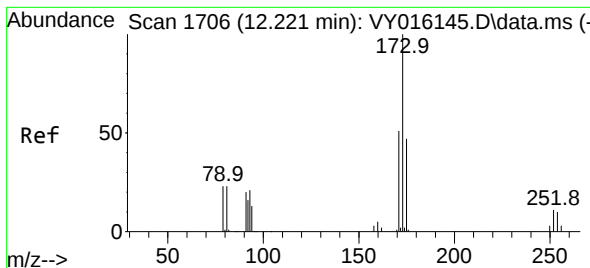
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 50.914 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:104 Resp: 248653
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 53.888 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 49294

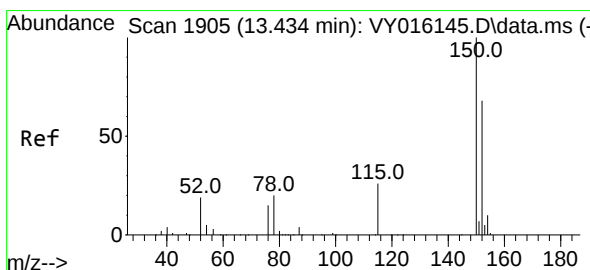
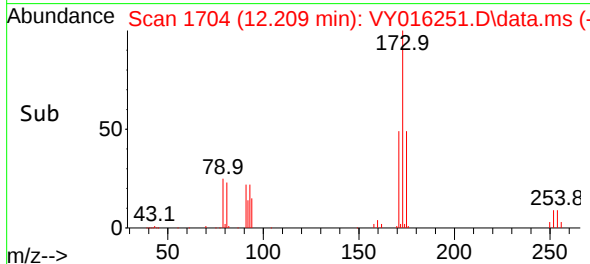
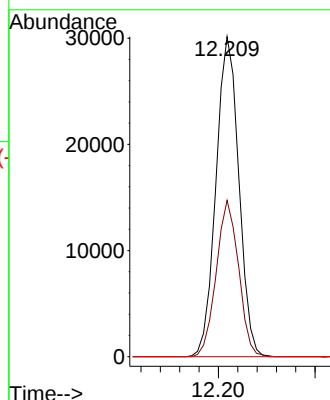
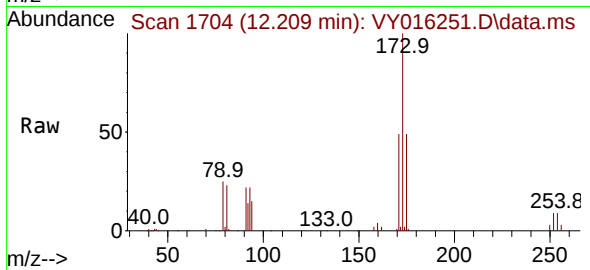
Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.8
254	0.0	0.2	0.2

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: 13.428 min Scan# 1904

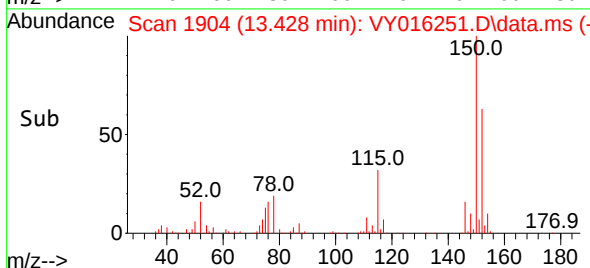
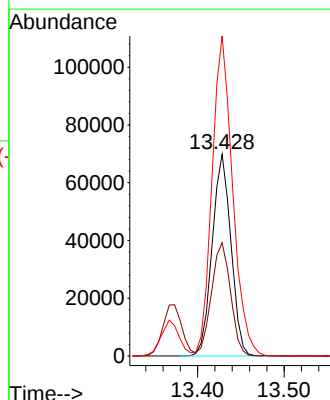
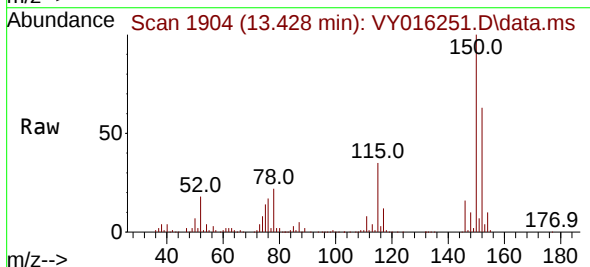
Delta R.T. -0.006 min

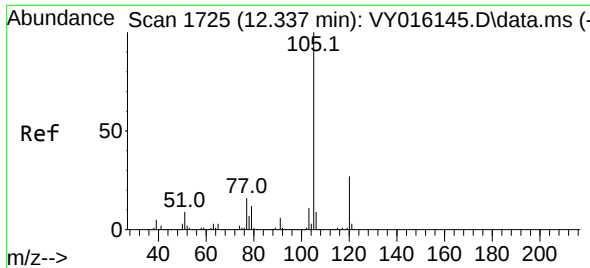
Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Tgt Ion:152 Resp: 105348

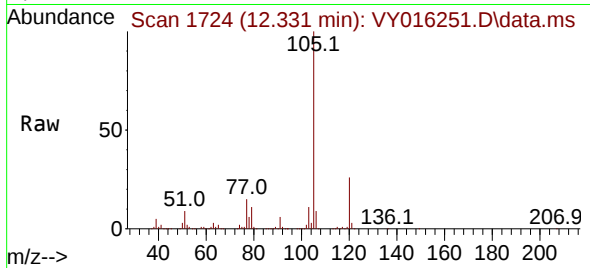
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.8	86.5
150	174.0	0.0	348.8





#73
Isopropylbenzene
Concen: 50.787 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

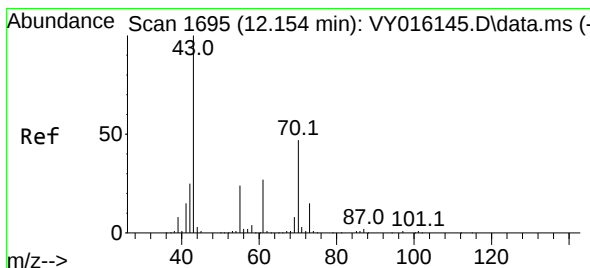
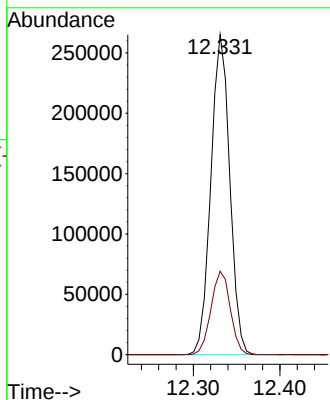
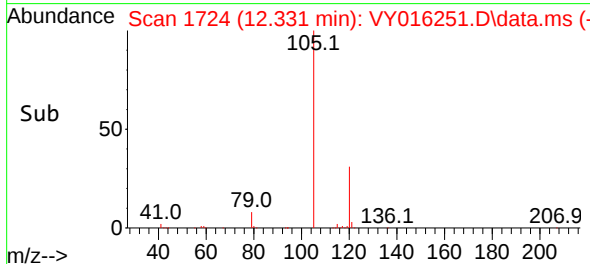
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 401339
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

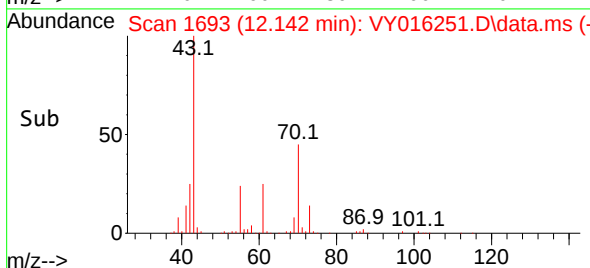
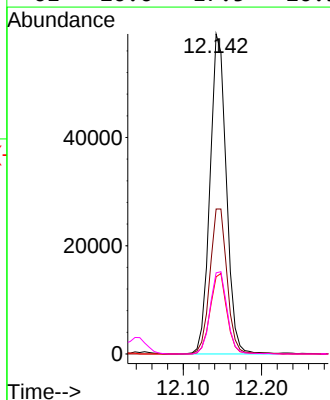
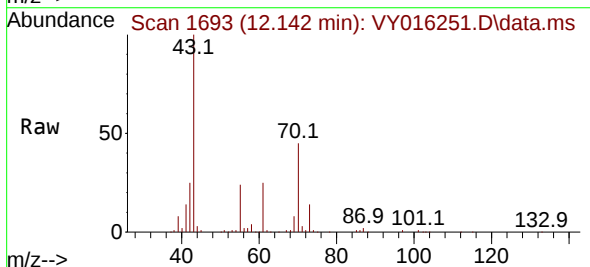
Manual Integrations
APPROVED

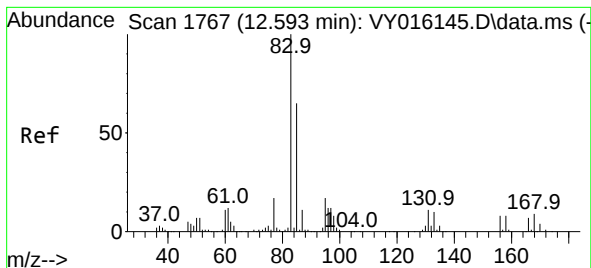
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#74
N-ethyl acetate
Concen: 49.897 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 43 Resp: 85685
Ion Ratio Lower Upper
43 100
70 47.2 29.7 44.5#
55 25.6 18.3 27.5
61 26.6 17.5 26.3#





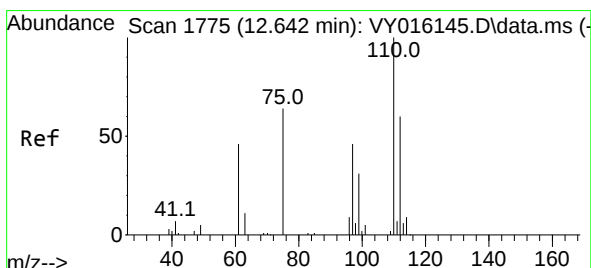
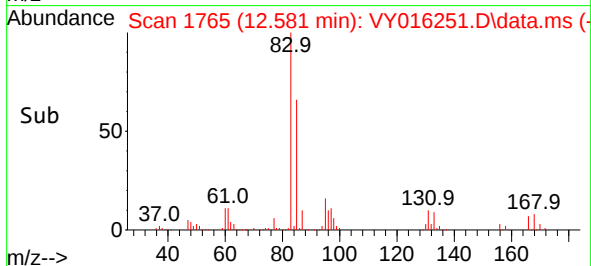
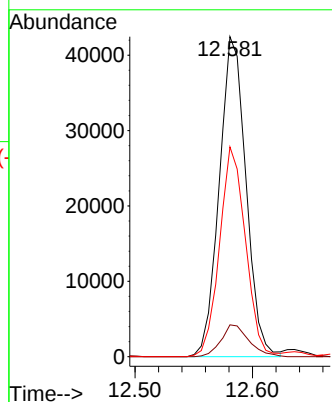
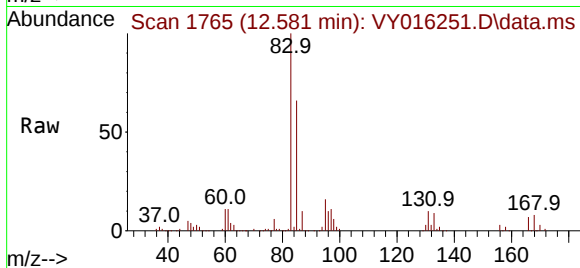
#75
1,1,2,2-Tetrachloroethane
Concen: 53.304 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 67029
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 63.8 31.8 95.4

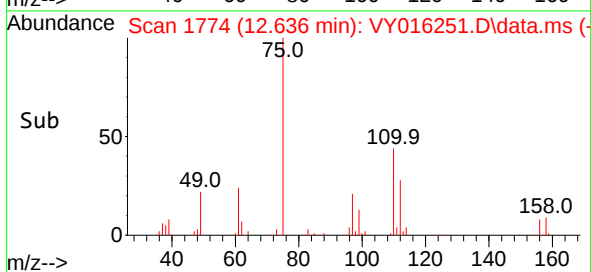
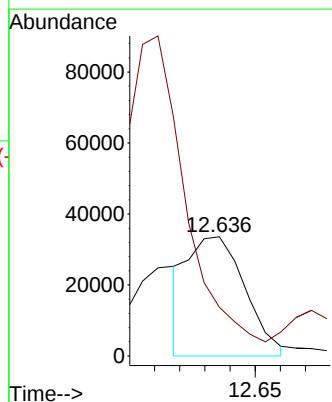
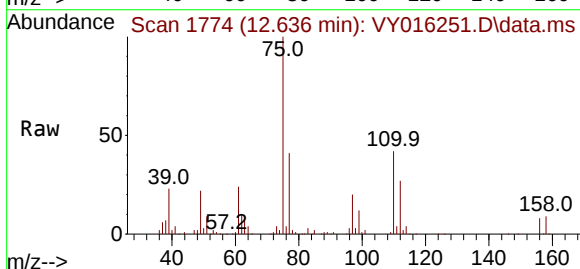
Manual Integrations
APPROVED

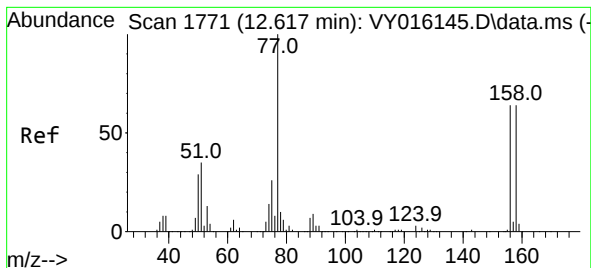
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 53.696 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 75 Resp: 53270
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.698 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

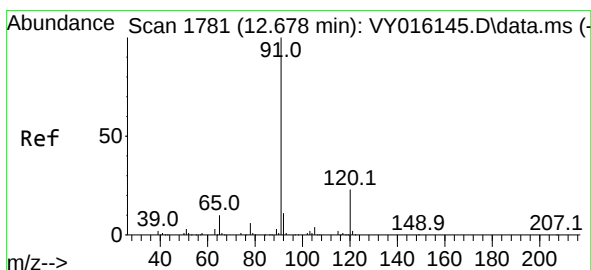
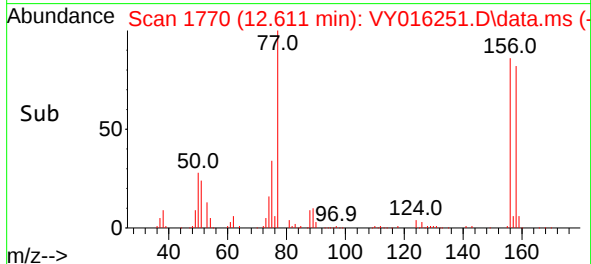
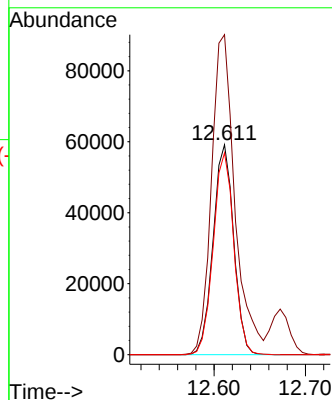
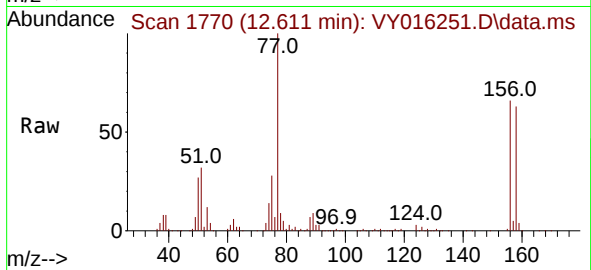
Tgt Ion:	156	Resp:	92500
Ion Ratio	Lower	Upper	
156	100		
77	173.2	92.8	278.6
158	96.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 51.352 ug/l

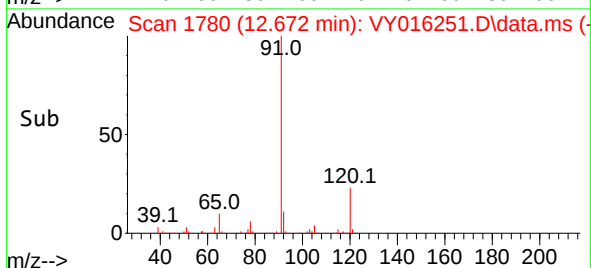
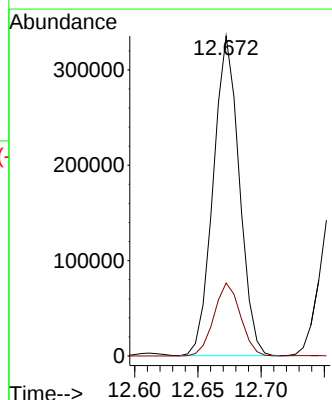
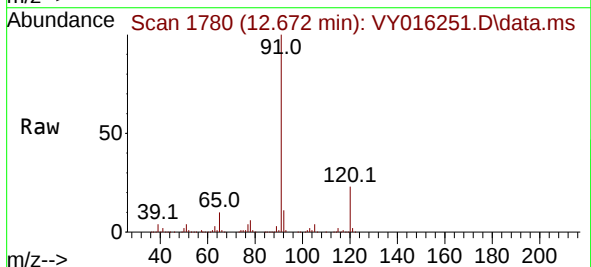
RT: 12.672 min Scan# 1780

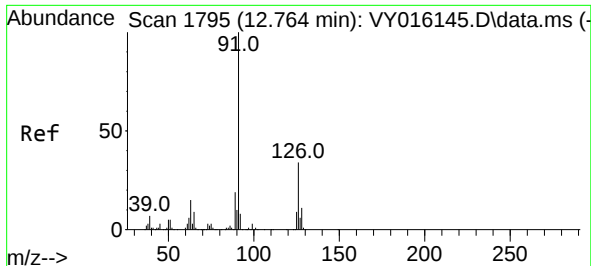
Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Tgt Ion:	91	Resp:	479770
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.839 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 264918

Ion Ratio Lower Upper

91 100

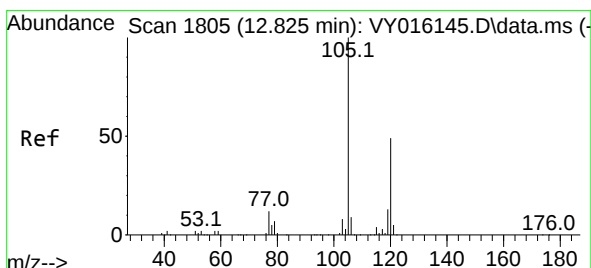
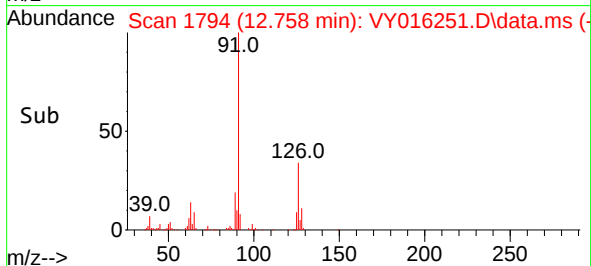
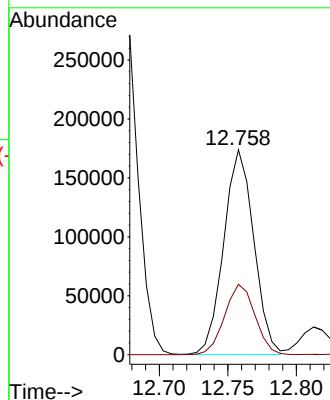
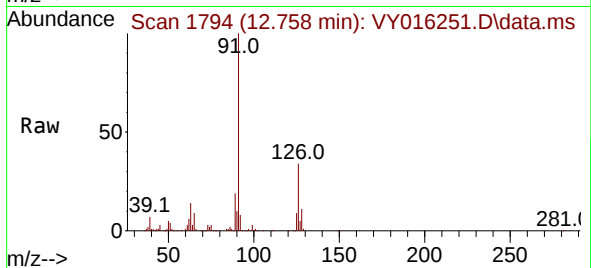
126 34.7 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#80

1,3,5-Trimethylbenzene

Concen: 50.747 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.012 min

Lab File: VY016251.D

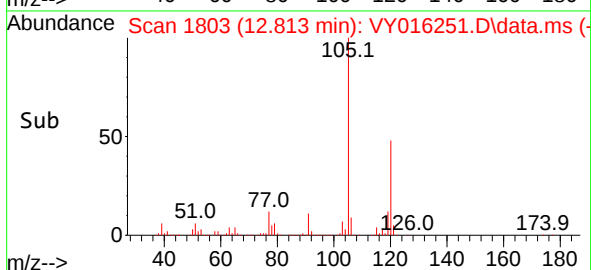
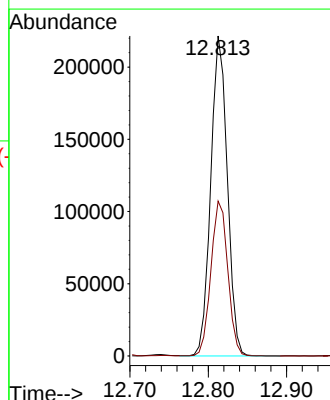
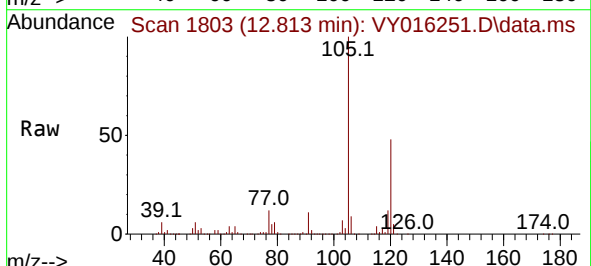
Acq: 07 Nov 2023 17:27

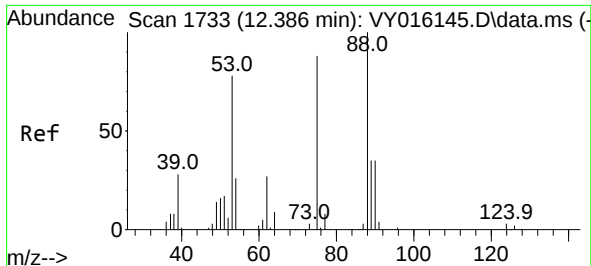
Tgt Ion:105 Resp: 324899

Ion Ratio Lower Upper

105 100

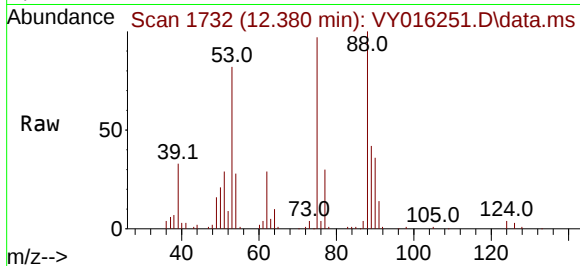
120 49.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 51.743 ug/l
RT: 12.380 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

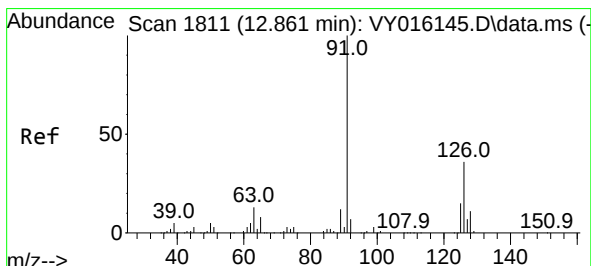
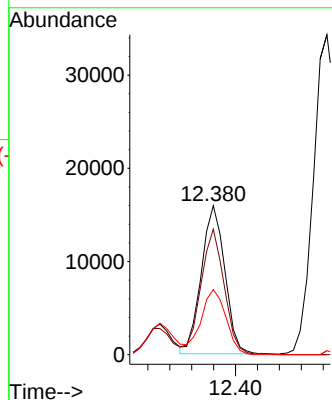
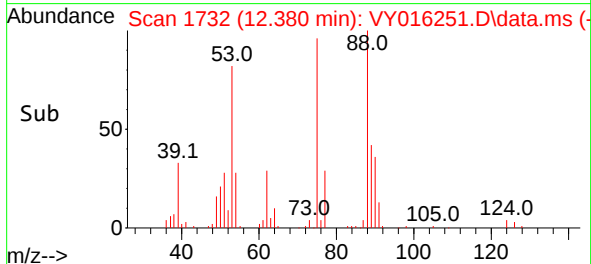
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 23679
Ion Ratio Lower Upper
75 100
53 84.8 77.8 116.8
89 46.0 37.4 56.0

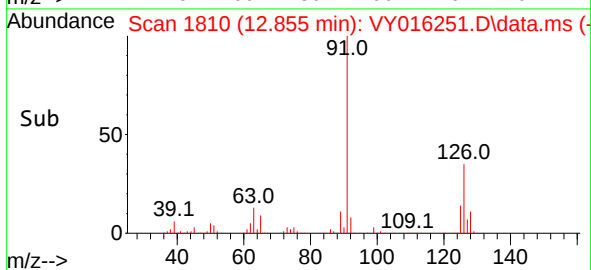
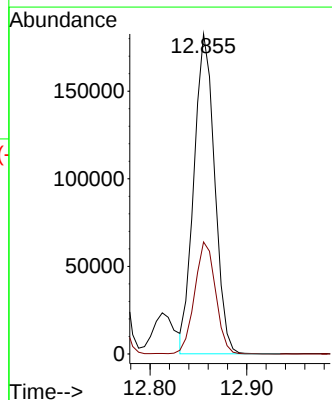
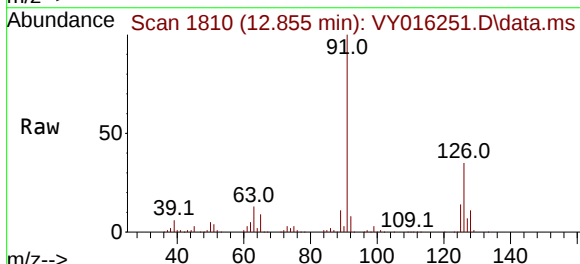
Manual Integrations
APPROVED

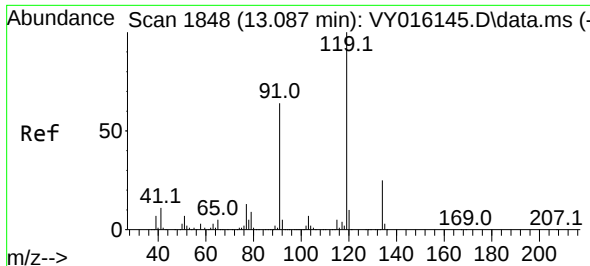
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 50.689 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion: 91 Resp: 271230
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





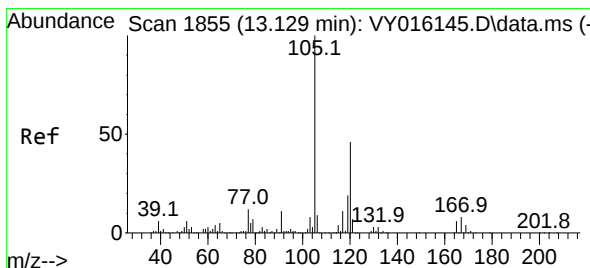
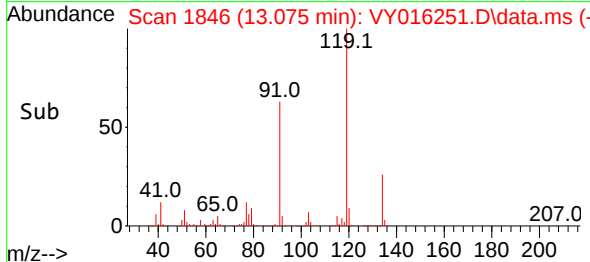
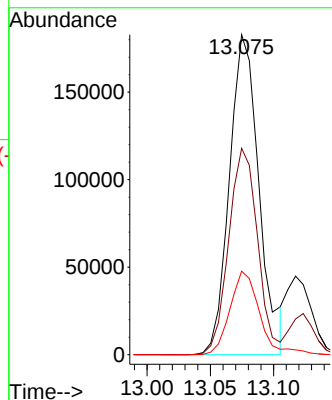
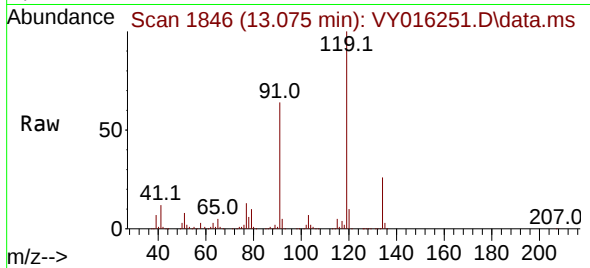
#83
tert-Butylbenzene
Concen: 51.920 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 297425
Ion Ratio Lower Upper
119 100
91 63.1 32.9 98.6
134 26.2 13.0 38.9

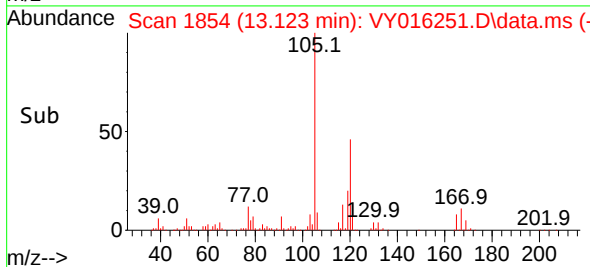
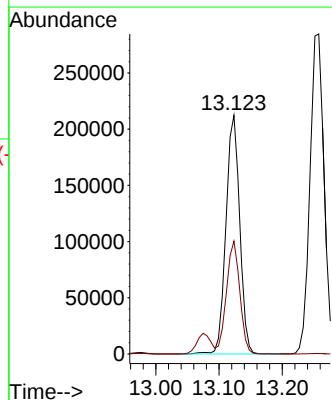
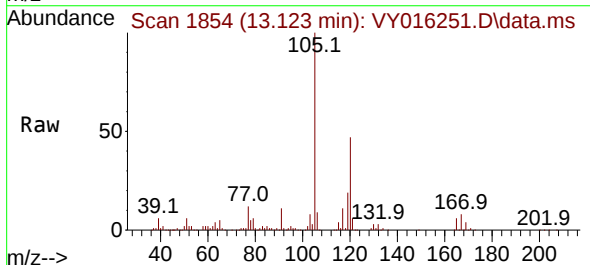
Manual Integrations
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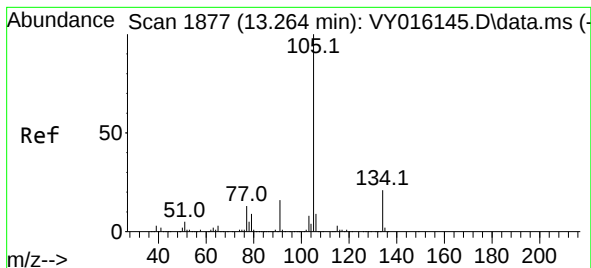
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.437 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:105 Resp: 319519
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.903 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 436394

Ion Ratio Lower Upper

105 100

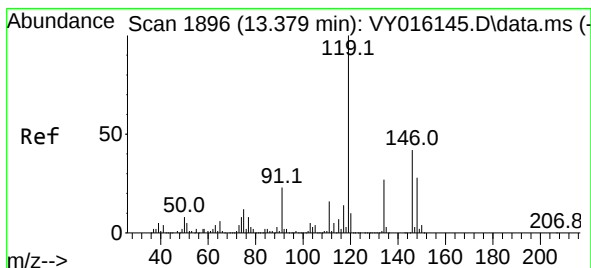
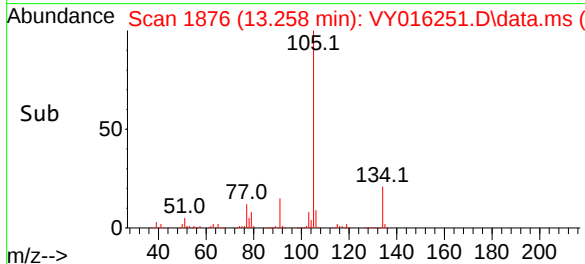
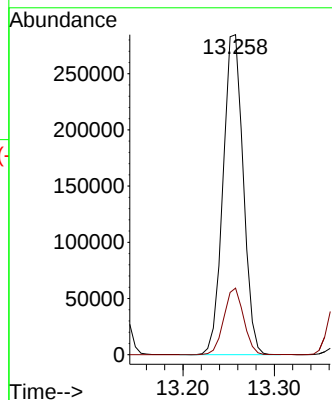
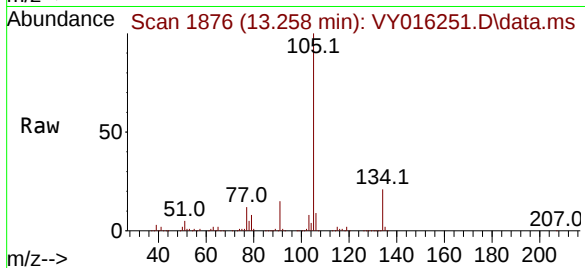
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#86

p-Isopropyltoluene

Concen: 51.471 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

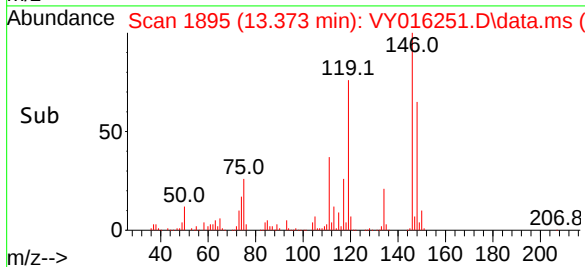
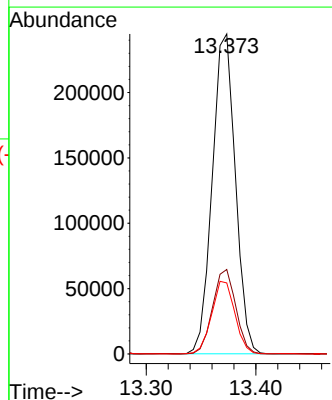
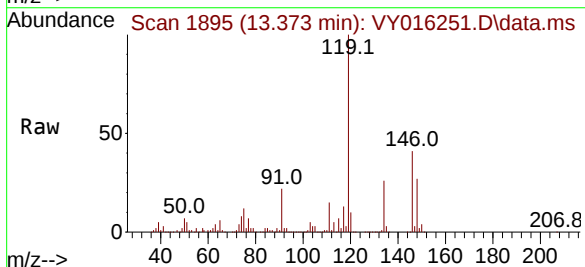
Tgt Ion:119 Resp: 358667

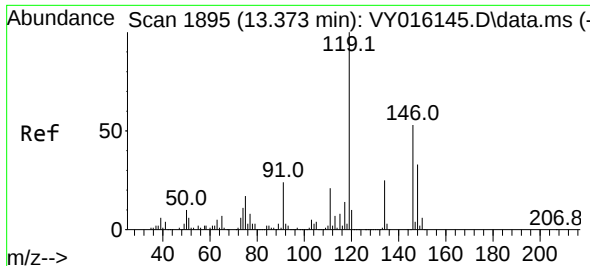
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

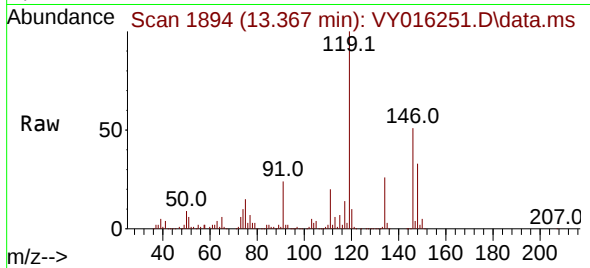
91 22.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 50.691 ug/l
RT: 13.367 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

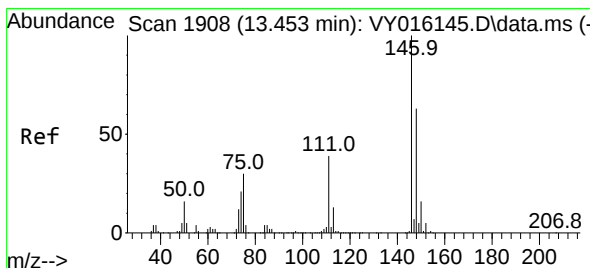
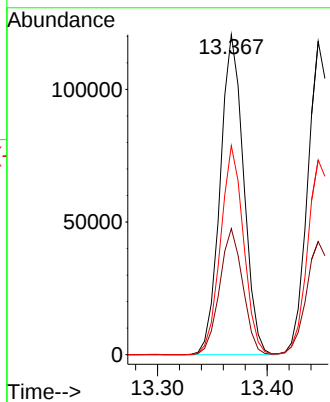
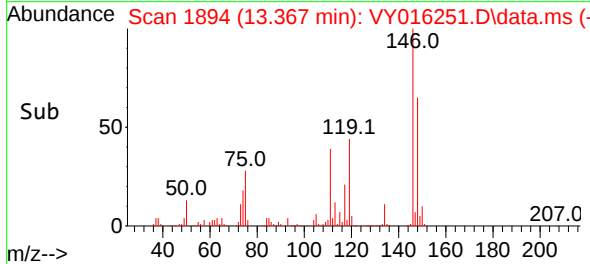
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



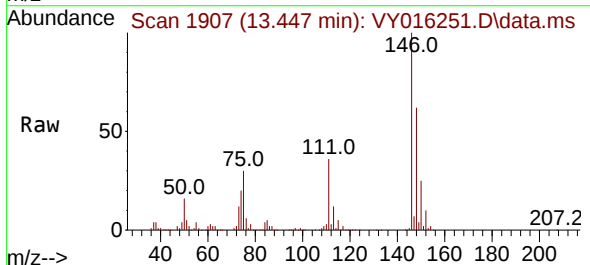
Tgt Ion:146 Resp: 179389
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 64.1 31.9 95.5

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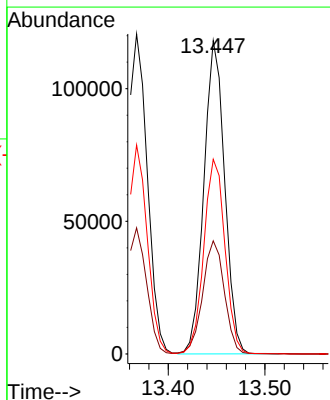
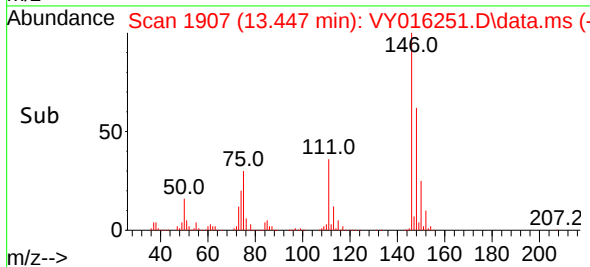
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

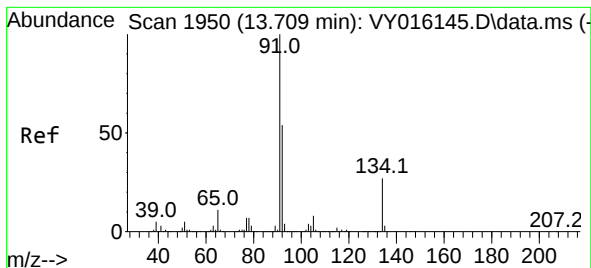


#88
1,4-Dichlorobenzene
Concen: 50.411 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27



Tgt Ion:146 Resp: 176321
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 51.587 ug/l

RT: 13.697 min Scan# 1950

Delta R.T. -0.012 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

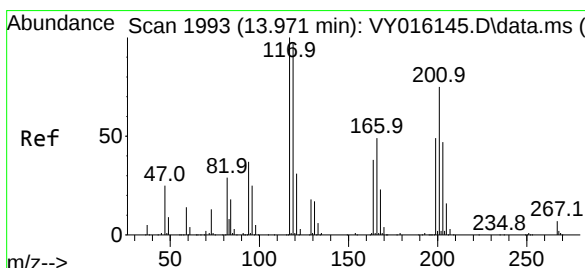
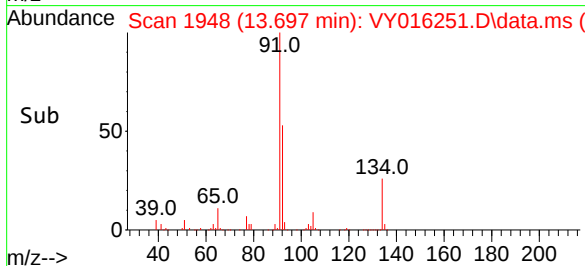
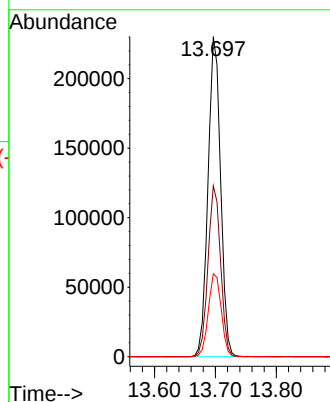
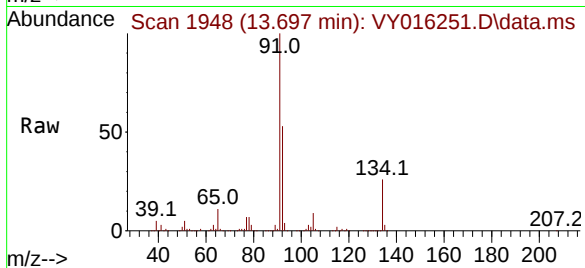
Tgt Ion: 91	Resp: 330300
Ion Ratio	Lower Upper
91	100
92	53.3 25.4 76.0
134	26.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 56.825 ug/l

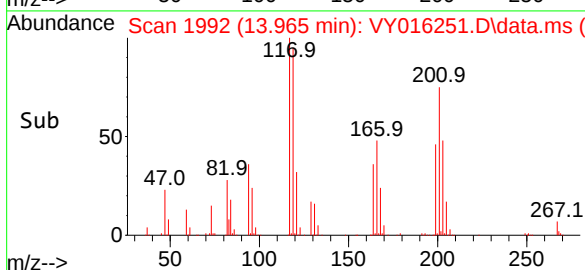
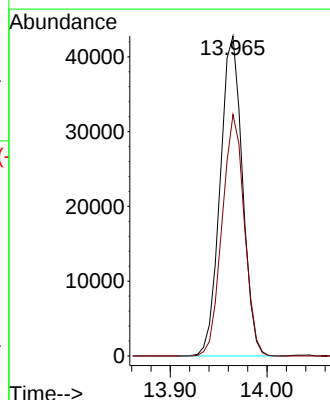
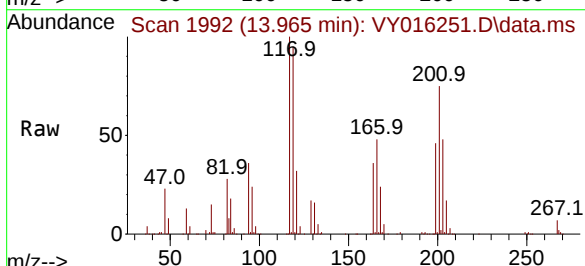
RT: 13.965 min Scan# 1992

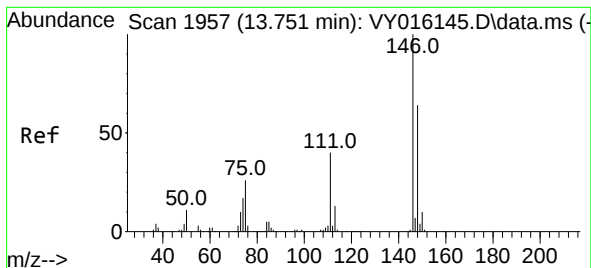
Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

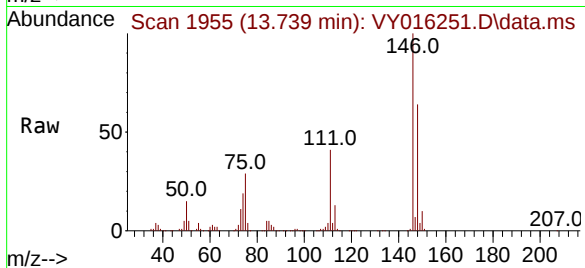
Tgt Ion:117	Resp: 68239
Ion Ratio	Lower Upper
117	100
201	75.1 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 51.024 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.012 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

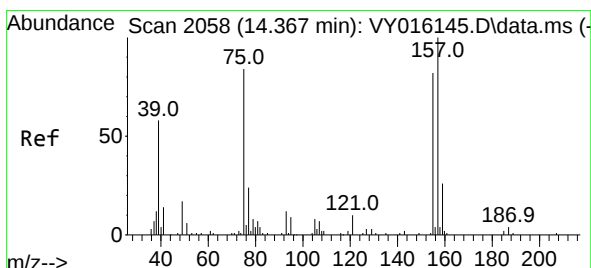
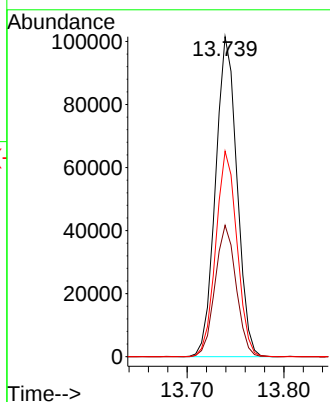
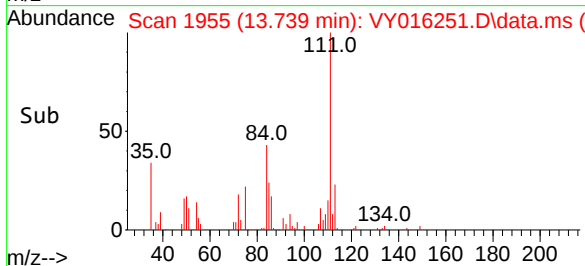
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



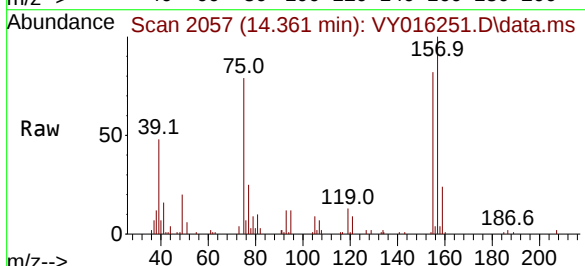
Tgt Ion:146 Resp: 15601
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.5 32.0 96.2

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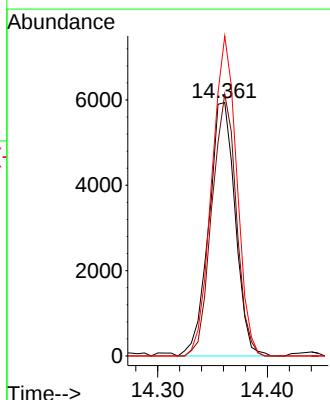
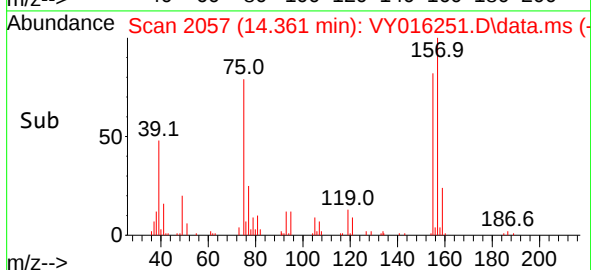
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

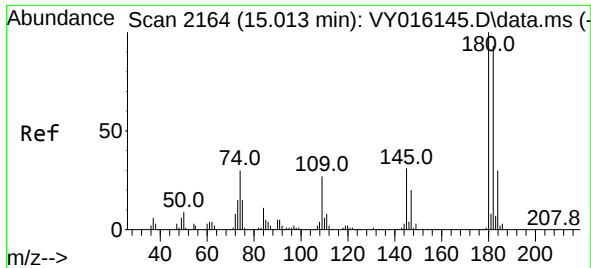


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.196 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27



Tgt Ion: 75 Resp: 9946
Ion Ratio Lower Upper
75 100
155 94.8 41.5 124.6
157 118.5 51.8 155.5





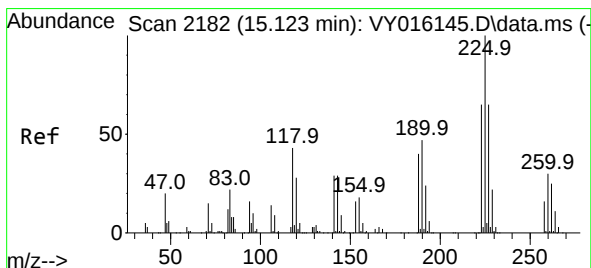
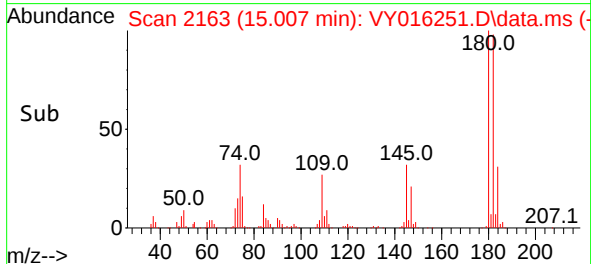
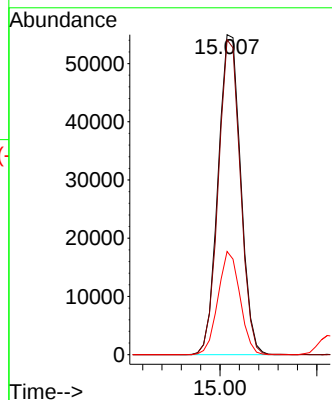
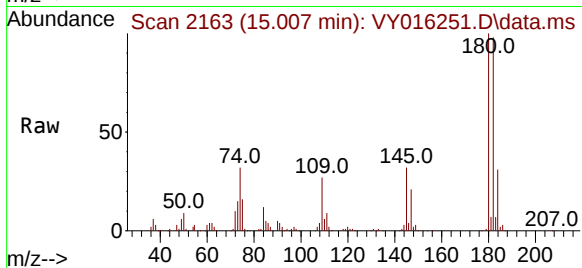
#93
1,2,4-Trichlorobenzene
Concen: 47.211 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 89098
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.2
145 31.3 14.5 43.5

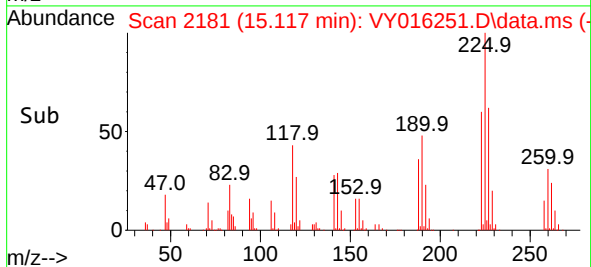
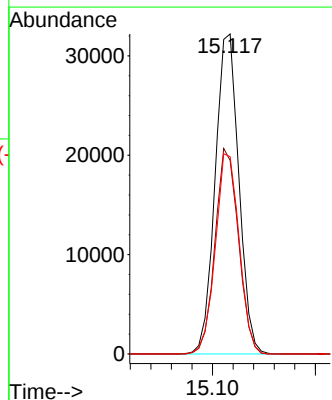
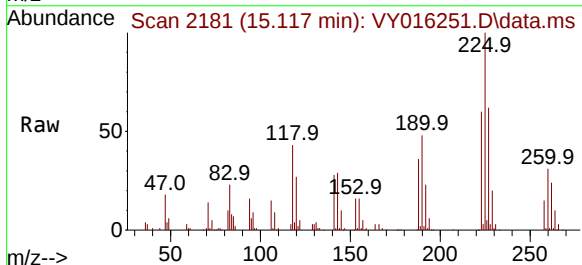
Manual Integrations
APPROVED

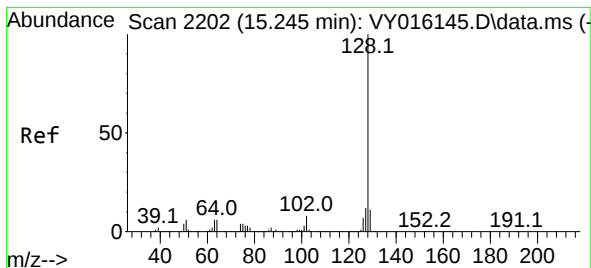
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#94
Hexachlorobutadiene
Concen: 49.844 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY016251.D
Acq: 07 Nov 2023 17:27

Tgt Ion:225 Resp: 51402
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.9
227 63.0 33.0 98.9





#95

Naphthalene

Concen: 45.051 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

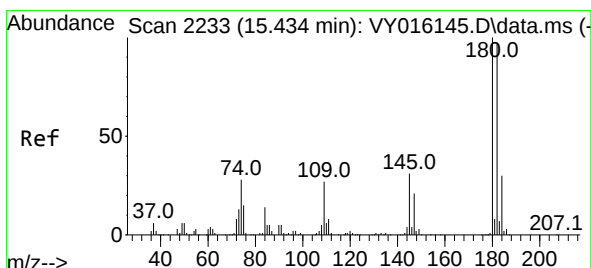
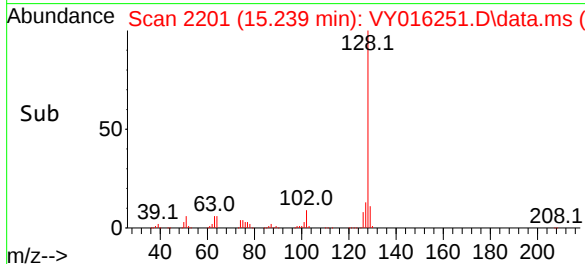
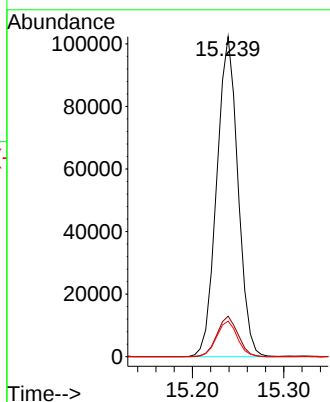
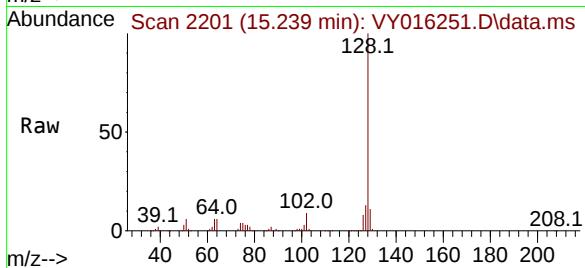
Tgt Ion:128 Resp: 165170
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.8 16.2
 129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.848 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016251.D

Acq: 07 Nov 2023 17:27

Tgt Ion:180 Resp: 73913
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 141.8
 145 32.3 15.4 46.2

