

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016204.D
 Acq On : 03 Nov 2023 10:22
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 22:59:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	166711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	264061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78293	50.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.722	113	77898	49.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.960%	
50) Toluene-d8	10.185	98	317634	50.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	102260	47.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21113	19.854	ug/l	99
3) Chloromethane	2.119	50	26525	18.015	ug/l	95
4) Vinyl Chloride	2.259	62	30562	20.111	ug/l	98
5) Bromomethane	2.656	94	20066	19.566	ug/l	100
6) Chloroethane	2.802	64	20862	19.500	ug/l	98
7) Trichlorofluoromethane	3.131	101	50669	22.086	ug/l	97
8) Diethyl Ether	3.534	74	16183	21.283	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	30828	21.330	ug/l	98
10) Methyl Iodide	4.101	142	30906	19.230	ug/l	98
11) Tert butyl alcohol	4.954	59	12252	105.120	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	27529	20.869	ug/l	87
13) Acrolein	3.741	56	12099	108.215	ug/l	100
14) Allyl chloride	4.491	41	42480	22.514	ug/l #	95
15) Acrylonitrile	5.167	53	35386	108.908	ug/l	96
16) Acetone	3.954	43	26418	94.198	ug/l	92
17) Carbon Disulfide	4.204	76	62180	18.880	ug/l	99
18) Methyl Acetate	4.485	43	25657	20.451	ug/l	91
19) Methyl tert-butyl Ether	5.234	73	80051	21.334	ug/l	96
20) Methylene Chloride	4.722	84	36875	21.505	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	32330	21.040	ug/l	87
22) Diisopropyl ether	6.131	45	100696	22.064	ug/l	89
23) Vinyl Acetate	6.070	43	239627	106.940	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	60212	22.044	ug/l	96
25) 2-Butanone	6.996	43	43710	101.561	ug/l	94
26) 2,2-Dichloropropane	6.996	77	56749	21.979	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	38951	21.540	ug/l	93
28) Bromochloromethane	7.338	49	21797	21.326	ug/l	90
29) Tetrahydrofuran	7.356	42	28175	104.434	ug/l	90
30) Chloroform	7.515	83	64423	21.664	ug/l	96
31) Cyclohexane	7.795	56	49684	20.719	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	58387	21.409	ug/l	98
36) 1,1-Dichloropropene	7.923	75	47407	20.855	ug/l	99
37) Ethyl Acetate	7.082	43	20606	20.352	ug/l	95
38) Carbon Tetrachloride	7.905	117	51940	23.063	ug/l	98
39) Methylcyclohexane	9.191	83	55800	20.564	ug/l	92
40) Benzene	8.167	78	138347	21.199	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10489	17.848	ug/l	96
42) 1,2-Dichloroethane	8.246	62	38656	21.225	ug/l	93
43) Isopropyl Acetate	8.277	43	41565	20.754	ug/l	93
44) Trichloroethene	8.947	130	39646	20.759	ug/l	92
45) 1,2-Dichloropropane	9.222	63	33900	21.593	ug/l	94
46) Dibromomethane	9.313	93	18724	21.024	ug/l	98
47) Bromodichloromethane	9.502	83	48781	21.558	ug/l	97
48) Methyl methacrylate	9.301	41	18138	19.917	ug/l	87
49) 1,4-Dioxane	9.307	88	4033	299.317	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	105731	105.805	ug/l	92
52) Toluene	10.252	92	90692	21.446	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	47922	21.215	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	55659	20.999	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	26927	21.494	ug/l	95
56) Ethyl methacrylate	10.514	69	33418	20.541	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	45566	21.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	81916	103.835	ug/l	94
59) 2-Hexanone	10.837	43	72096	105.283	ug/l	89
60) Dibromochloromethane	10.990	129	33157	21.097	ug/l	99
61) 1,2-Dibromoethane	11.093	107	24673	20.706	ug/l	99
64) Tetrachloroethene	10.727	164	39355	19.541	ug/l	97
65) Chlorobenzene	11.520	112	95989	21.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36097	21.665	ug/l	97
67) Ethyl Benzene	11.599	91	174765	21.721	ug/l	99
68) m/p-Xylenes	11.709	106	132065	42.477	ug/l	95
69) o-Xylene	12.032	106	62430	21.031	ug/l	97
70) Styrene	12.050	104	103259	20.924	ug/l	96
71) Bromoform	12.215	173	19687	21.299	ug/l #	98
73) Isopropylbenzene	12.337	105	169580	21.611	ug/l	99
74) N-amyl acetate	12.148	43	34462	20.210	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	27763	22.235	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37598	38.166	ug/l #	100
77) Bromobenzene	12.611	156	37389	21.043	ug/l	96
78) n-propylbenzene	12.672	91	199834	21.541	ug/l	99
79) 2-Chlorotoluene	12.764	91	111730	21.593	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	135010	21.237	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	9527	20.969	ug/l	96
82) 4-Chlorotoluene	12.861	91	114071	21.469	ug/l	99
83) tert-Butylbenzene	13.081	119	125822	22.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	133770	21.265	ug/l	98
85) sec-Butylbenzene	13.257	105	183421	21.970	ug/l	99
86) p-Isopropyltoluene	13.373	119	149570	21.616	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	74911	21.318	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	73551	21.177	ug/l	98
89) n-Butylbenzene	13.702	91	137050	21.556	ug/l	96
90) Hexachloroethane	13.965	117	27502	23.064	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	64901	21.376	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4172	18.670	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	38164	20.365	ug/l	99
94) Hexachlorobutadiene	15.117	225	23045	22.504	ug/l	96
95) Naphthalene	15.239	128	68042	18.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31547	19.707	ug/l	98

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QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

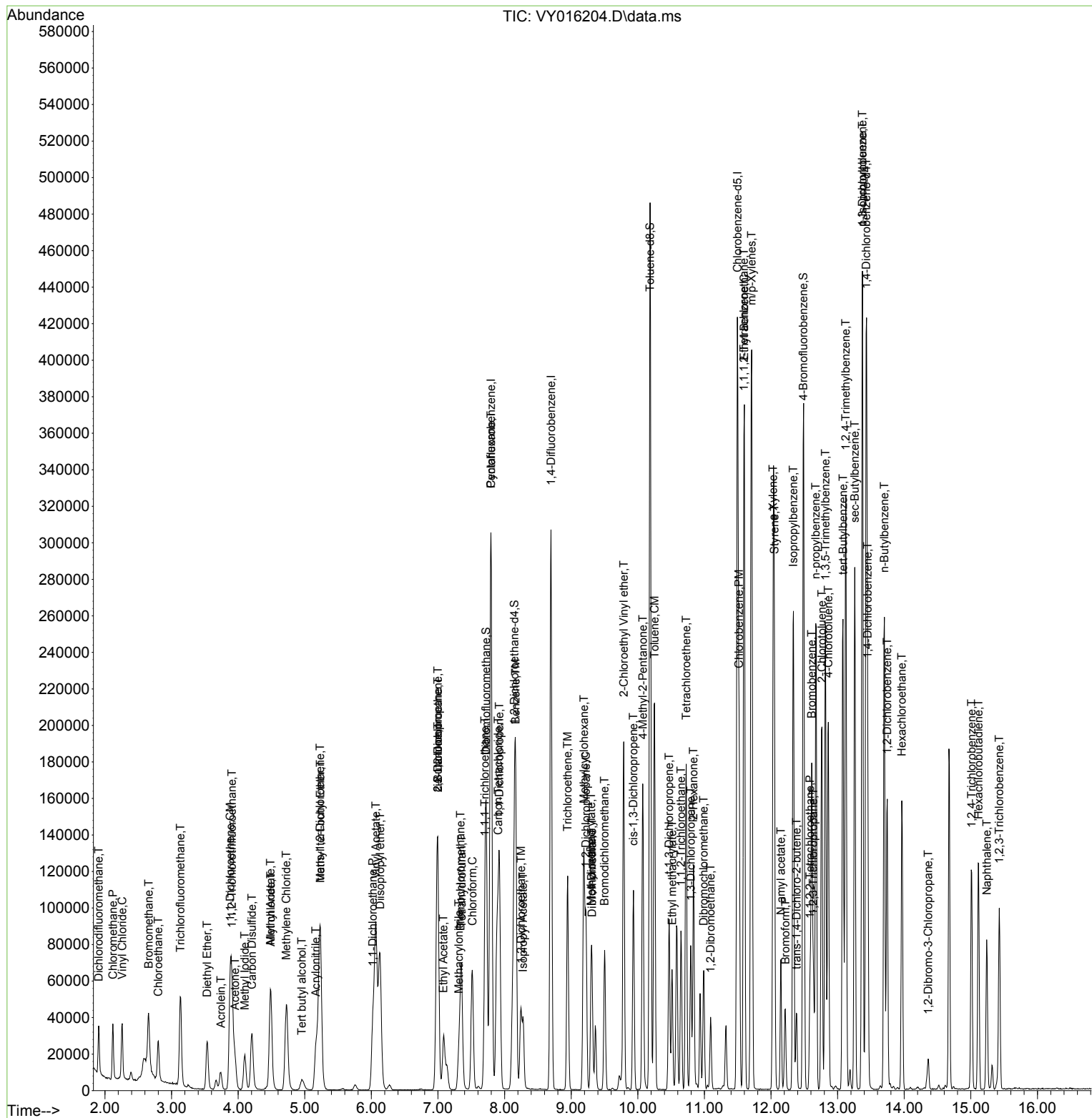
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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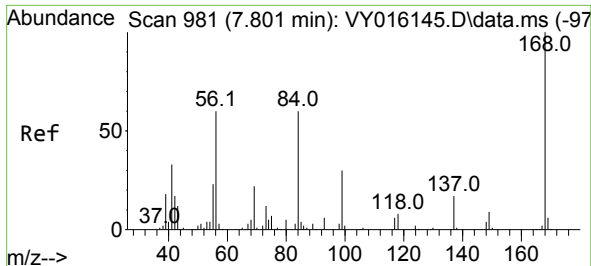
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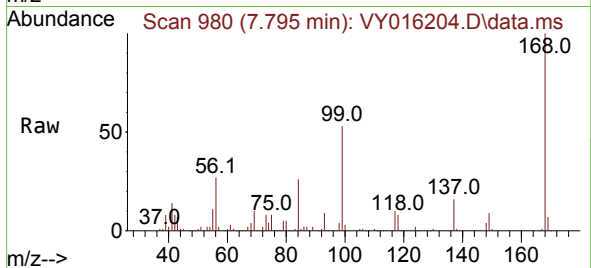
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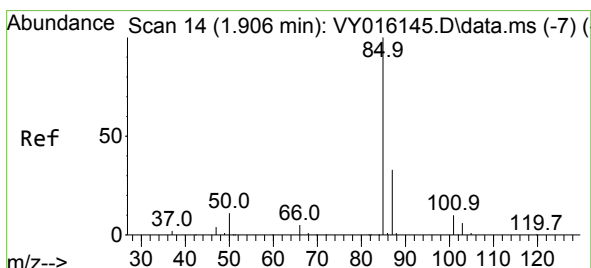
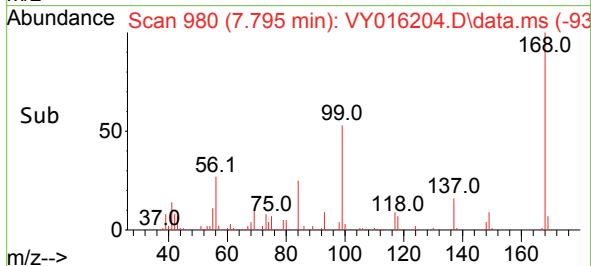
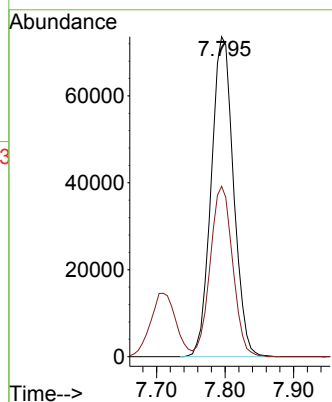


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016204.D
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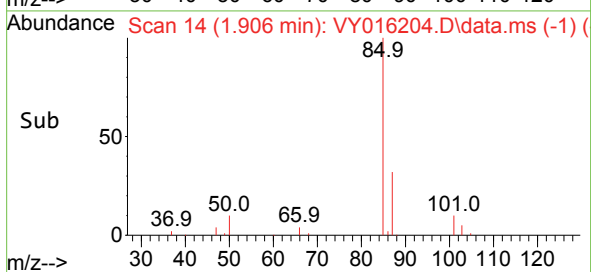
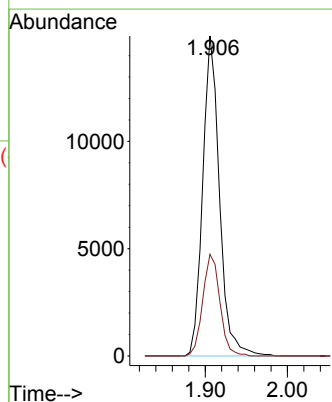
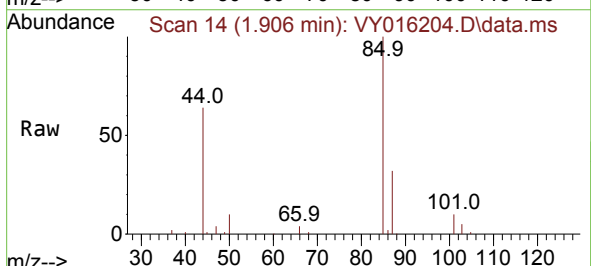


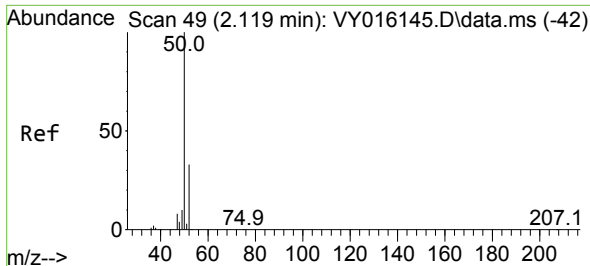
Tgt Ion:168 Resp: 166711
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.854 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

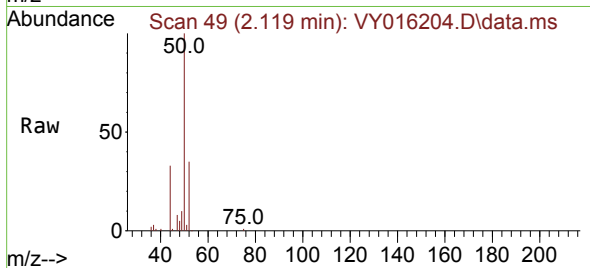
Tgt Ion: 85 Resp: 21113
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8



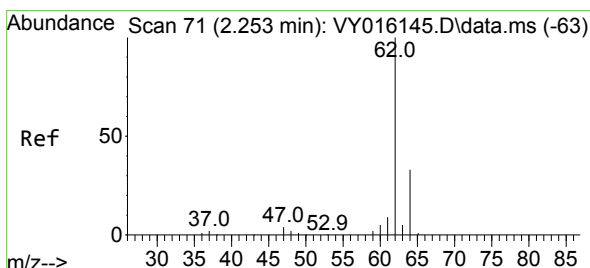
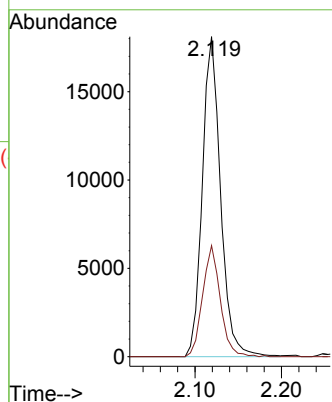
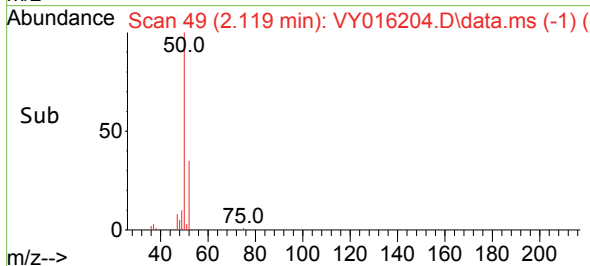


#3
Chloromethane
Concen: 18.015 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Instrument :
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ClientSampleId :

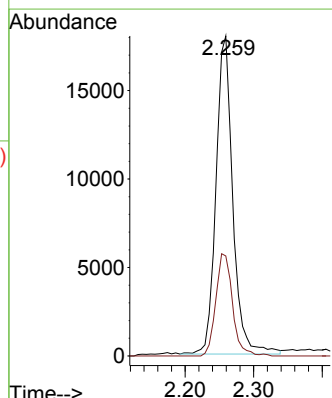
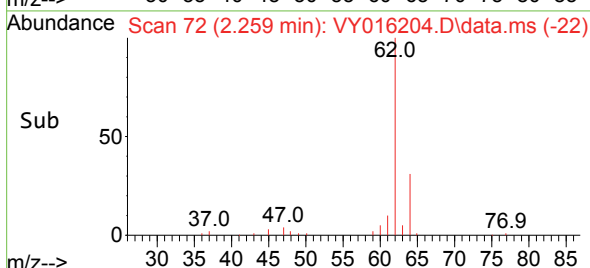
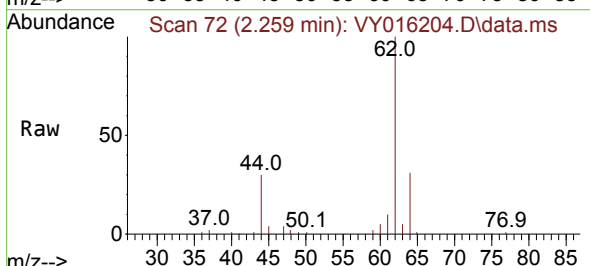


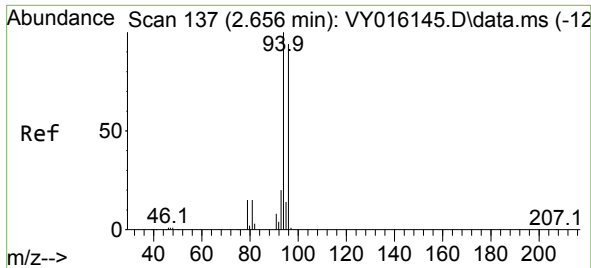
Tgt Ion: 50 Resp: 26525
Ion Ratio Lower Upper
50 100
52 34.7 25.4 38.2



#4
Vinyl Chloride
Concen: 20.111 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 62 Resp: 30562
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

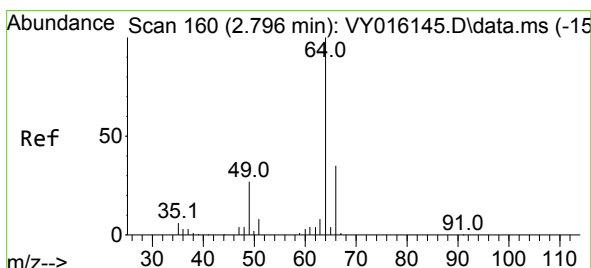
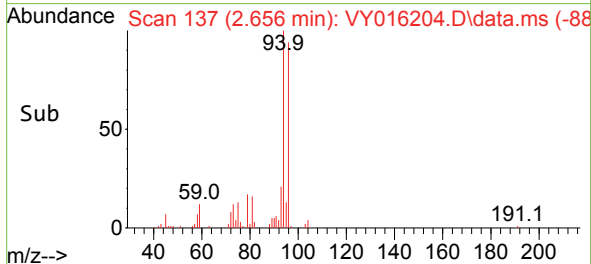
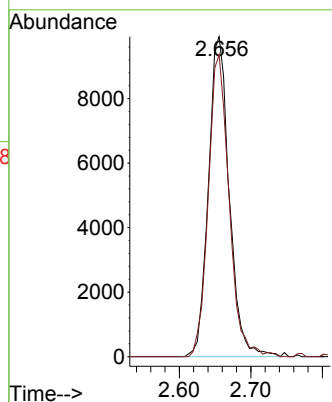
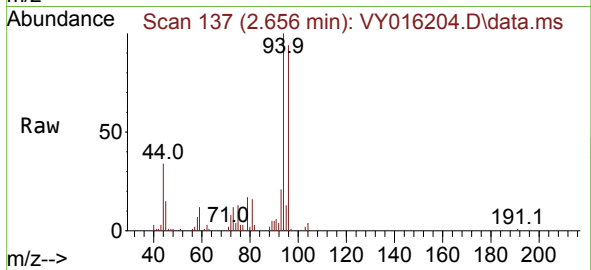




#5
Bromomethane
Concen: 19.566 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016204.D
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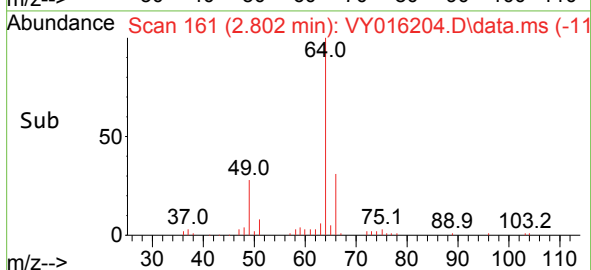
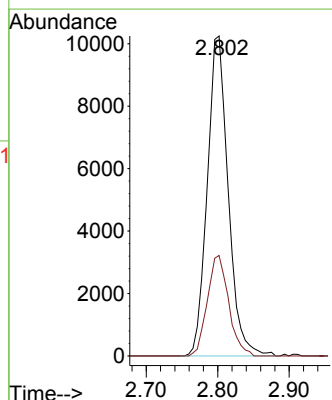
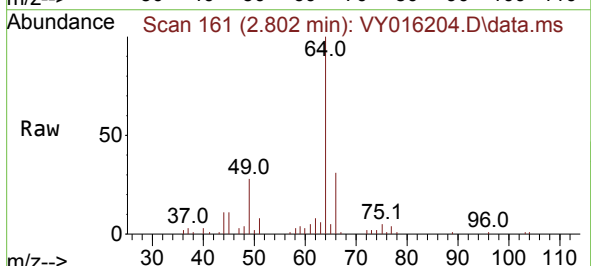
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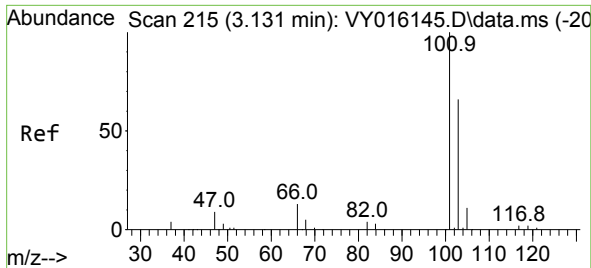
Tgt Ion: 94 Resp: 20066
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.6



#6
Chloroethane
Concen: 19.500 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 64 Resp: 20862
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

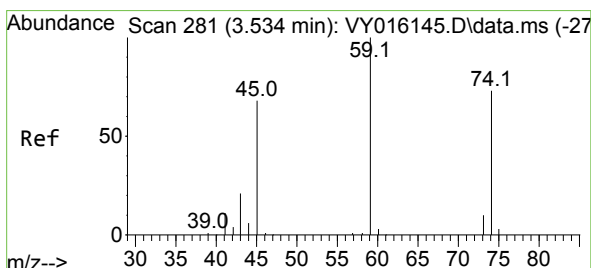
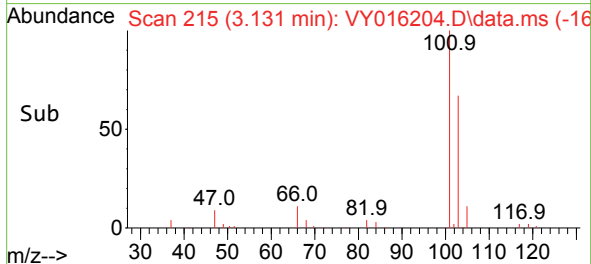
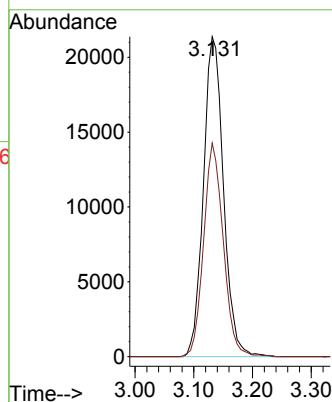
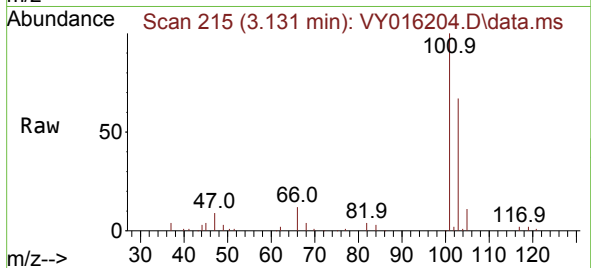




#7
Trichlorofluoromethane
Concen: 22.086 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

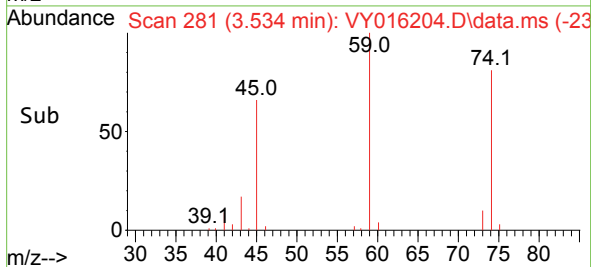
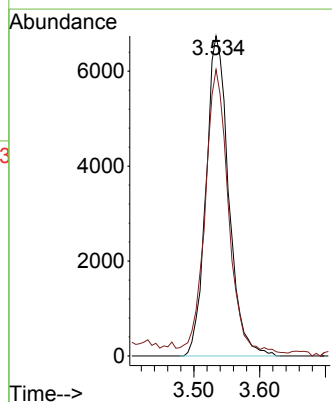
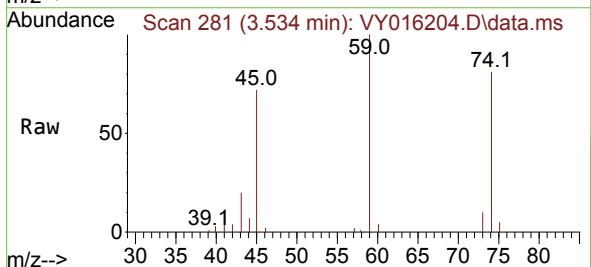
Instrument :
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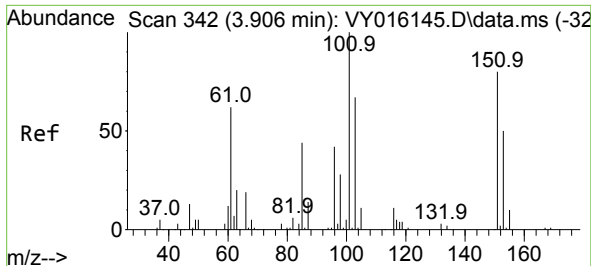
Tgt Ion:101 Resp: 50669
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0



#8
Diethyl Ether
Concen: 21.283 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016204.D
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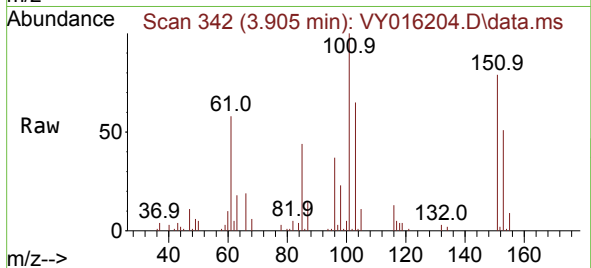
Tgt Ion: 74 Resp: 16183
Ion Ratio Lower Upper
74 100
45 91.8 51.5 154.5



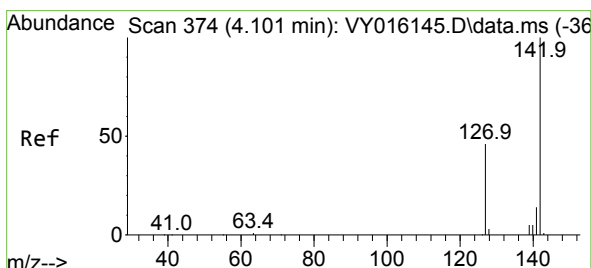
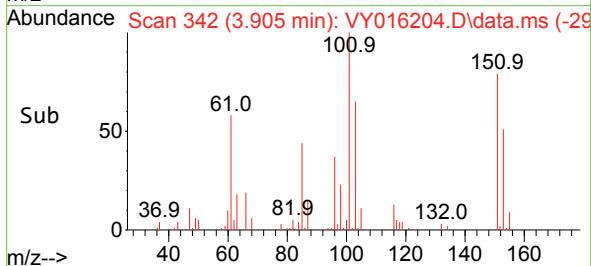
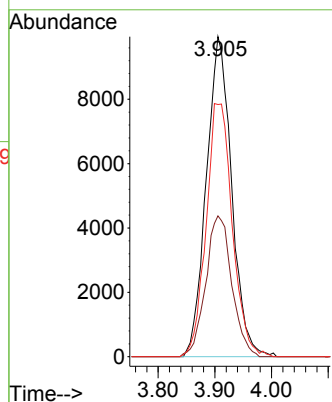


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.330 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :

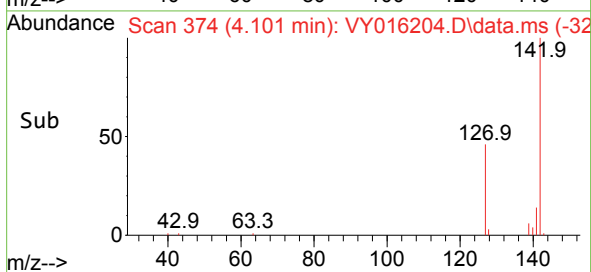
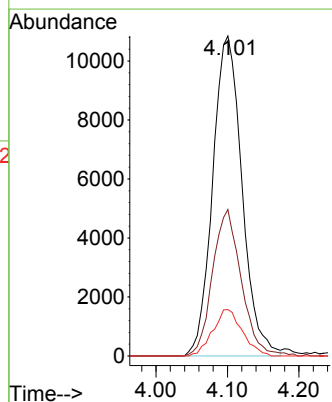
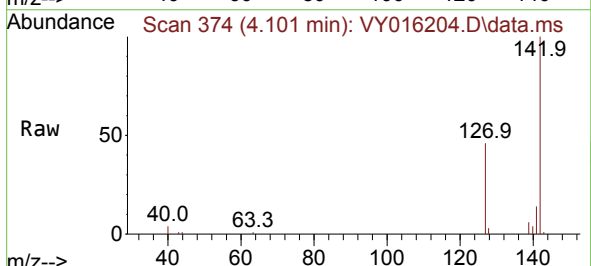


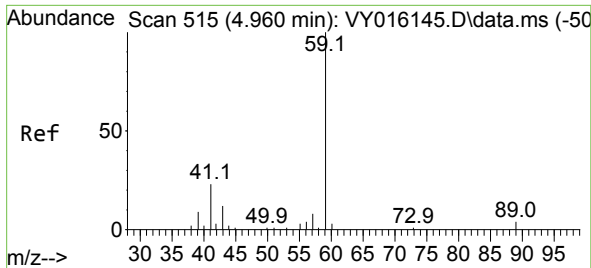
Tgt Ion:101 Resp: 30828
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 81.9 67.0 100.6



#10
Methyl Iodide
Concen: 19.230 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

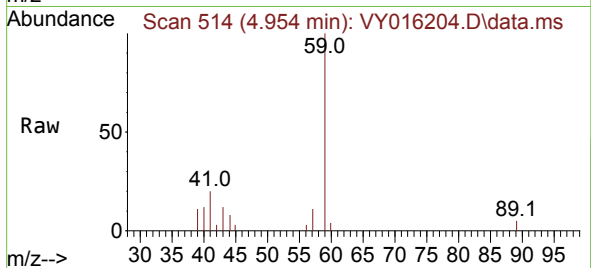
Tgt Ion:142 Resp: 30906
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.6 11.8 17.8



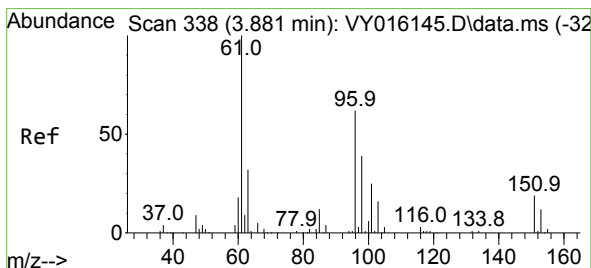
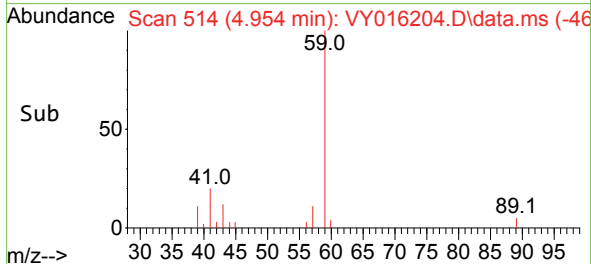
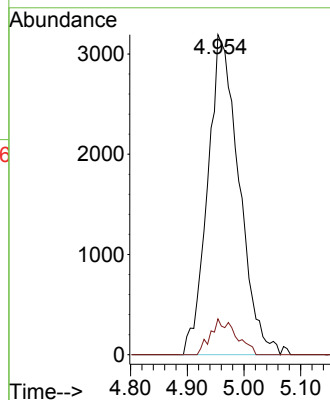


#11
Tert butyl alcohol
Concen: 105.120 ug/l
RT: 4.954 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :

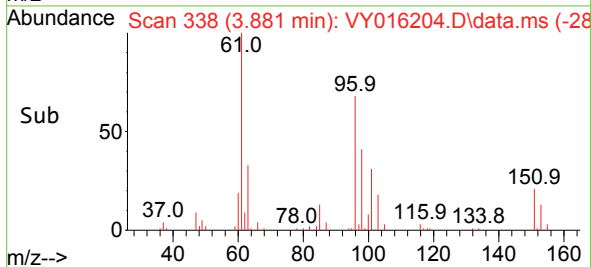
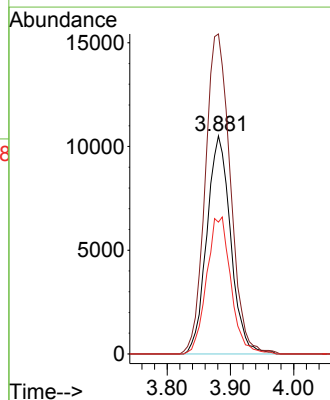
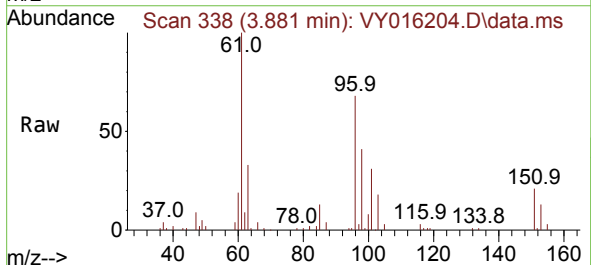


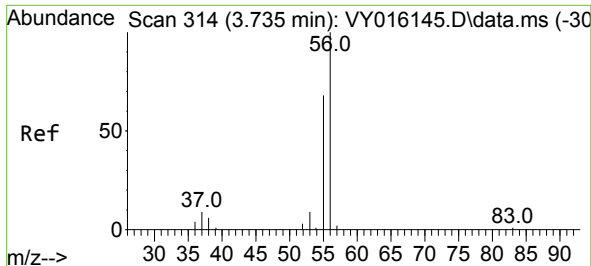
Tgt Ion: 59 Resp: 12252
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.869 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 96 Resp: 27529
Ion Ratio Lower Upper
96 100
61 146.7 136.4 204.6
98 60.4 49.4 74.2

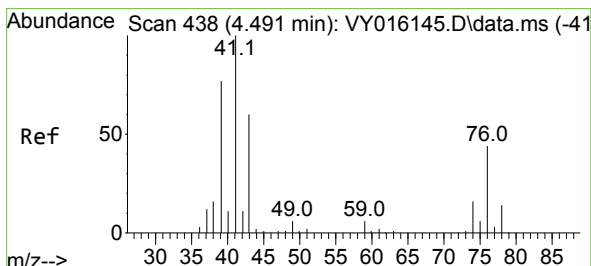
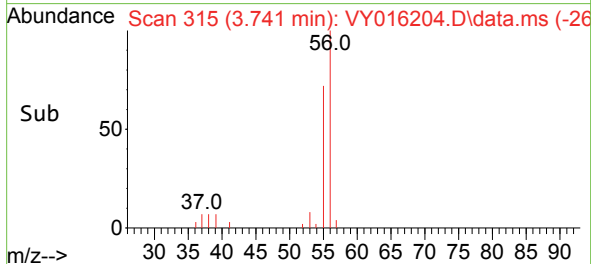
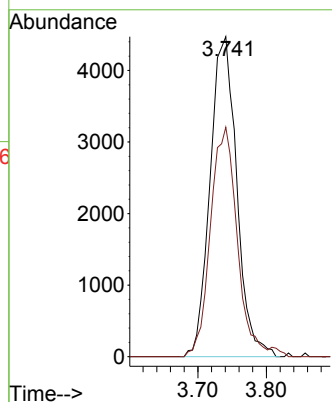
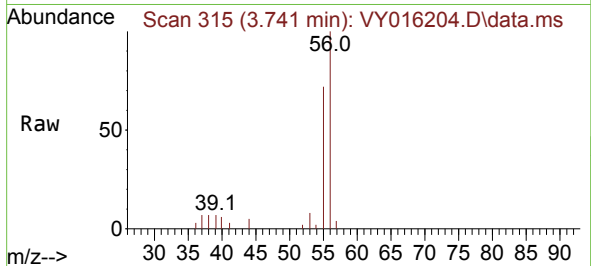




#13
Acrolein
Concen: 108.215 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

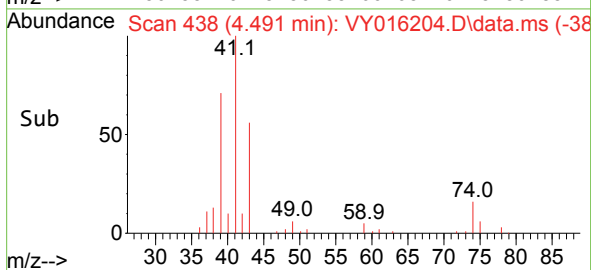
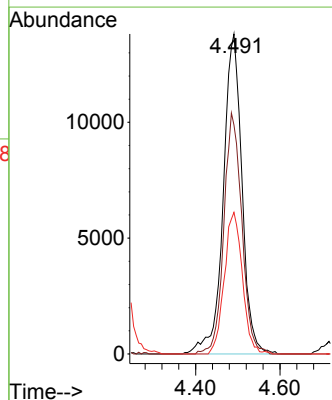
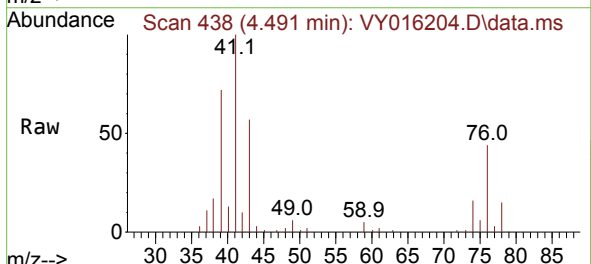
Instrument :
MSVOA_Y
ClientSampleId :

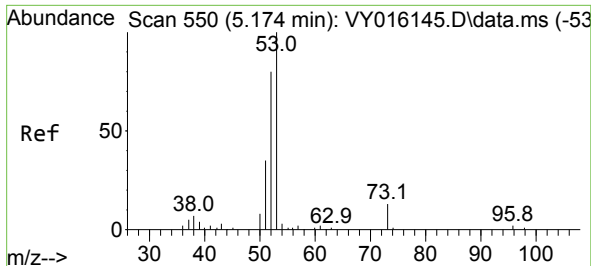
Tgt Ion: 56 Resp: 12099
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.4



#14
Allyl chloride
Concen: 22.514 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 41 Resp: 42480
Ion Ratio Lower Upper
41 100
39 72.3 58.0 87.0
76 42.5 27.4 41.2#

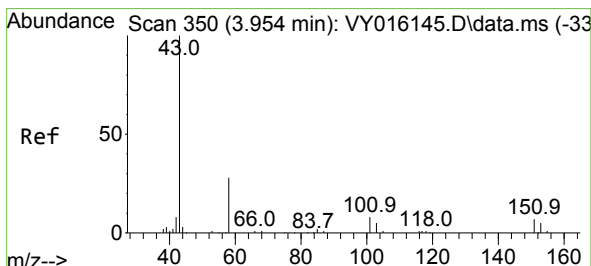
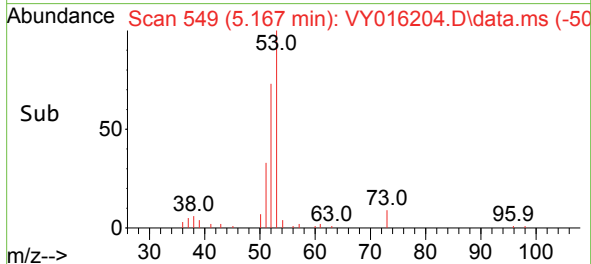
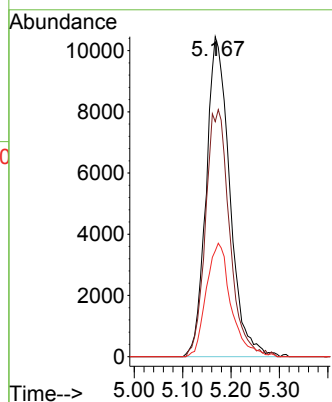
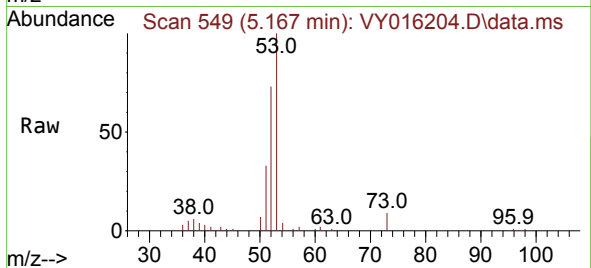




#15
Acrylonitrile
Concen: 108.908 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

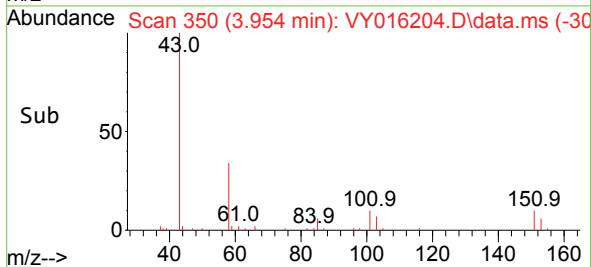
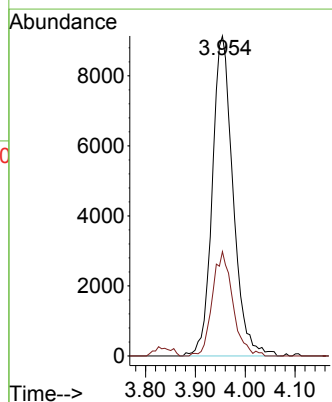
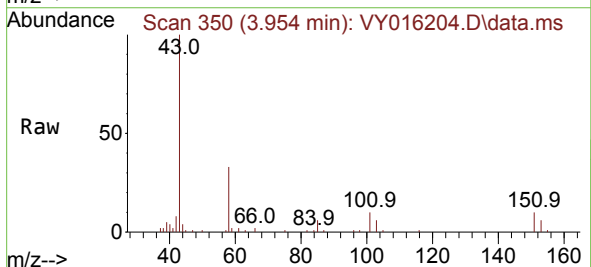
Instrument :
MSVOA_Y
ClientSampleId :

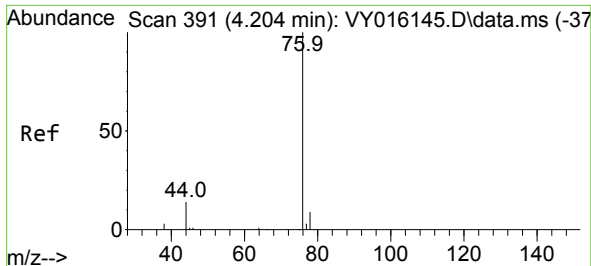
Tgt Ion: 53 Resp: 35386
Ion Ratio Lower Upper
53 100
52 78.9 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 94.198 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 43 Resp: 26418
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1

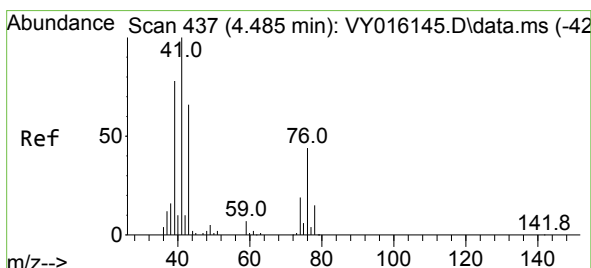
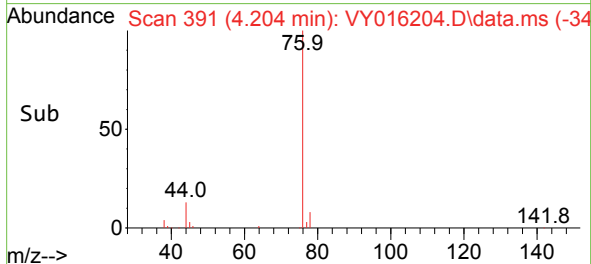
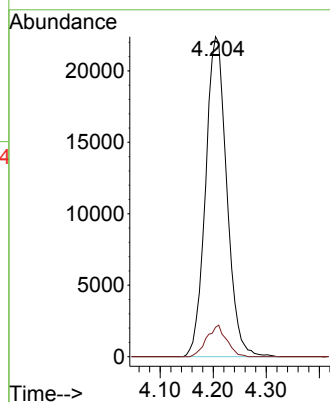
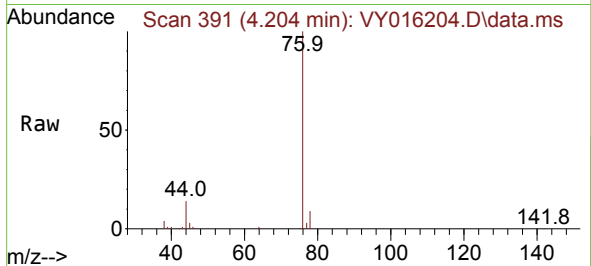




#17
Carbon Disulfide
Concen: 18.880 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

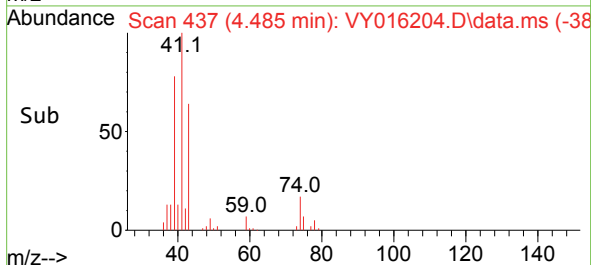
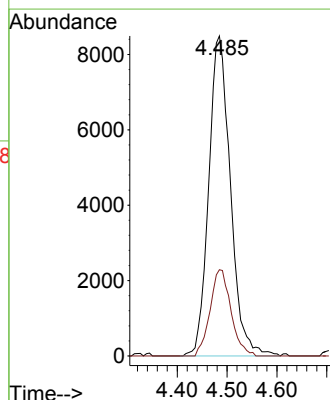
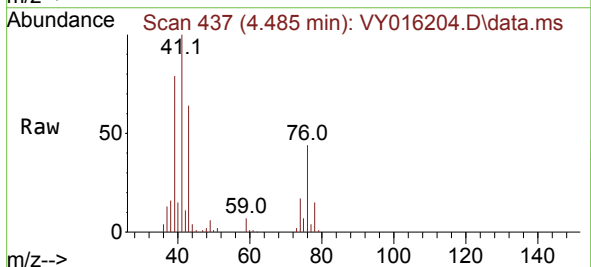
Instrument :
MSVOA_Y
ClientSampleId :

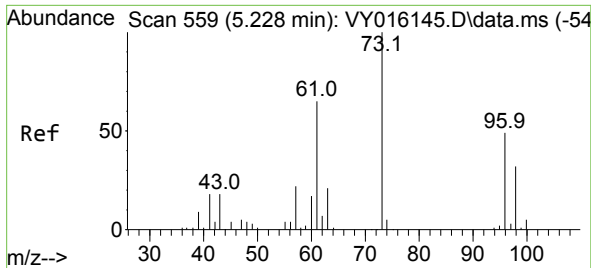
Tgt Ion: 76 Resp: 62180
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 20.451 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 43 Resp: 25657
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

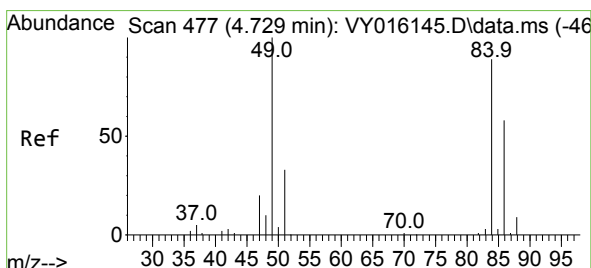
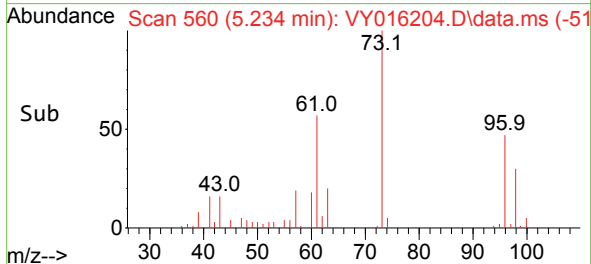
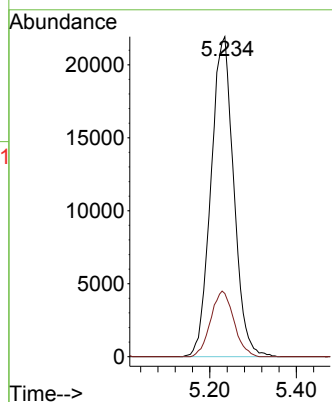
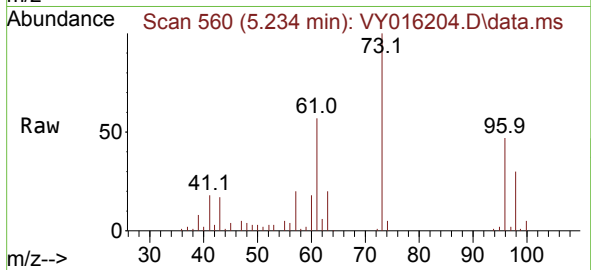




#19
Methyl tert-butyl Ether
Concen: 21.334 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

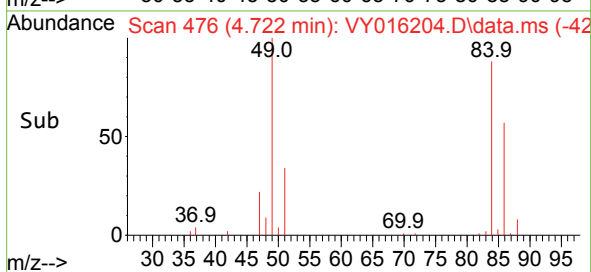
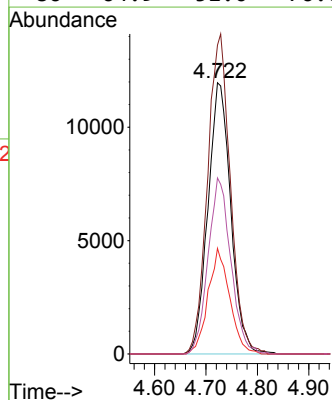
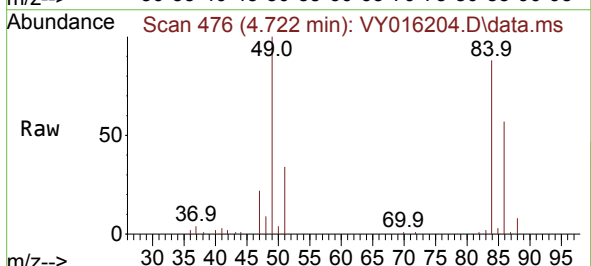
Instrument :
MSVOA_Y
ClientSampleId :

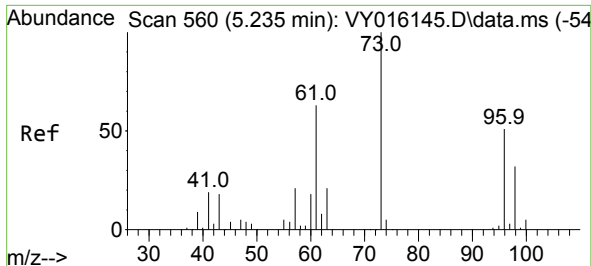
Tgt Ion: 73 Resp: 80051
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 21.505 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

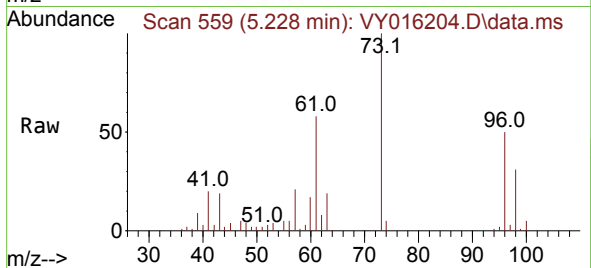
Tgt Ion: 84 Resp: 36875
Ion Ratio Lower Upper
84 100
49 113.9 106.9 160.3
51 39.0 33.2 49.8
86 64.9 51.0 76.6



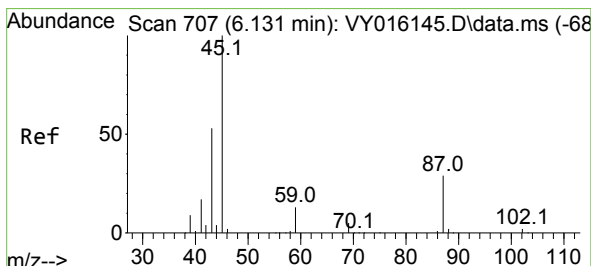
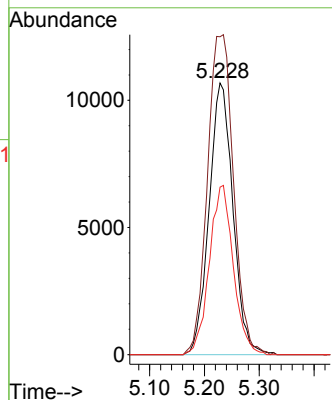
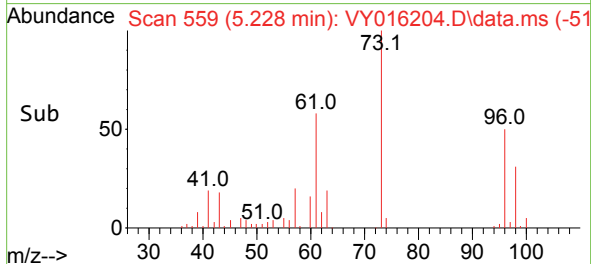


#21
trans-1,2-Dichloroethene
Concen: 21.040 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

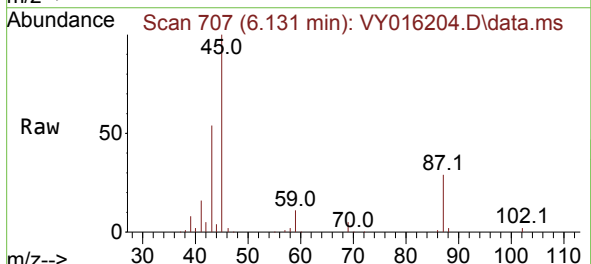
Instrument :
MSVOA_Y
ClientSampleId :



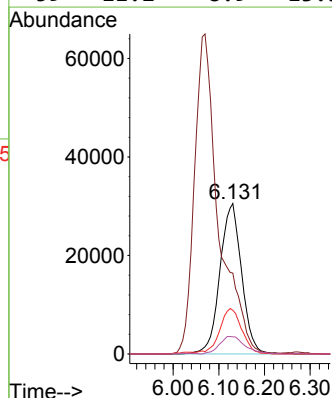
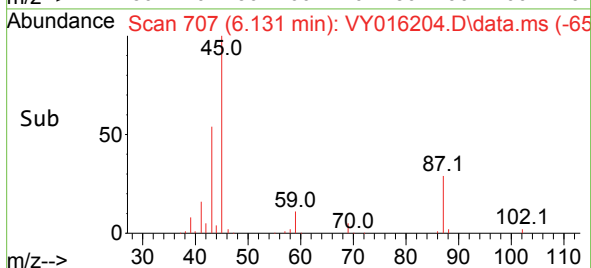
Tgt Ion: 96 Resp: 32330
Ion Ratio Lower Upper
96 100
61 117.0 110.2 165.4
98 61.7 51.8 77.6

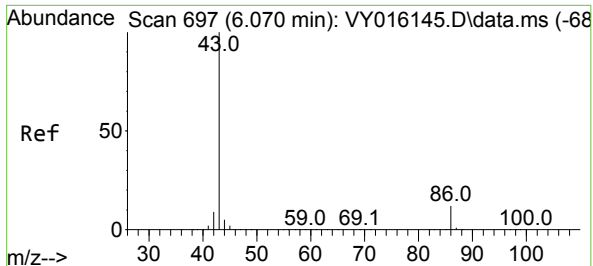


#22
Diisopropyl ether
Concen: 22.064 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22



Tgt Ion: 45 Resp: 100696
Ion Ratio Lower Upper
45 100
43 53.2 52.2 78.4
87 29.0 21.0 31.6
59 11.2 8.9 13.3

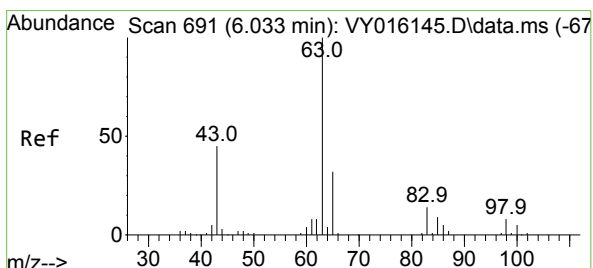
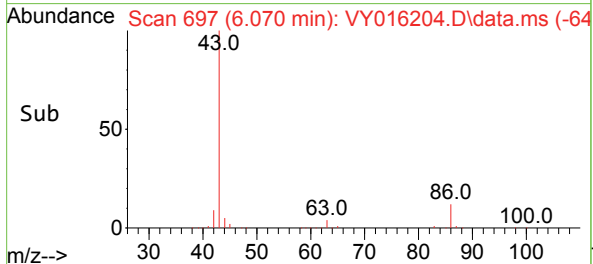
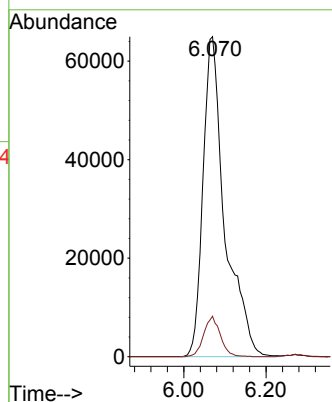
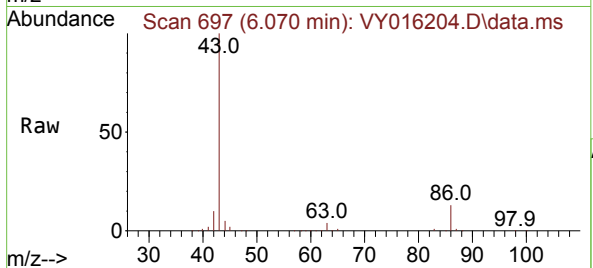




#23
 Vinyl Acetate
 Concen: 106.940 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016204.D
 Acq: 03 Nov 2023 10:22

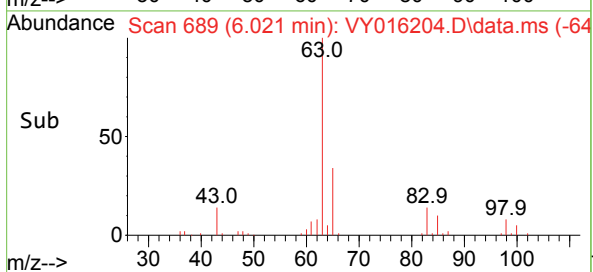
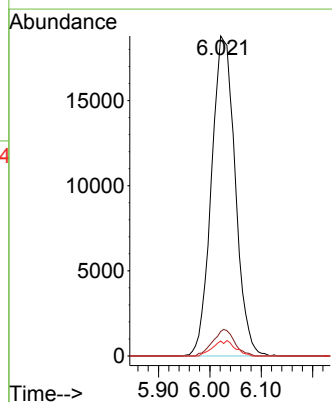
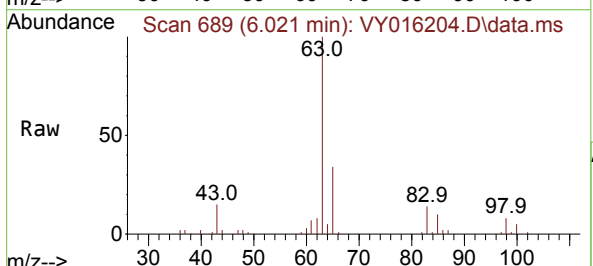
Instrument :
 MSVOA_Y
 ClientSampleId :

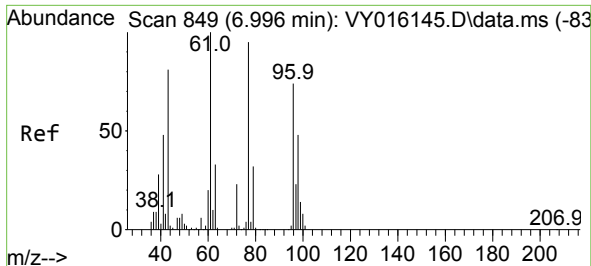
Tgt Ion: 43 Resp: 239627
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 22.044 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY016204.D
 Acq: 03 Nov 2023 10:22

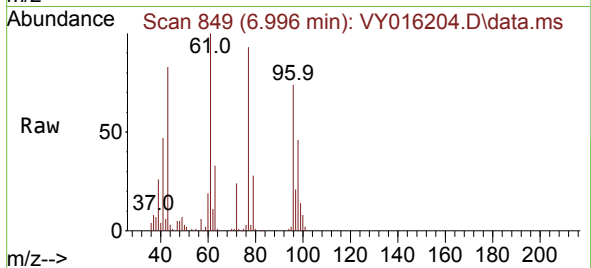
Tgt Ion: 63 Resp: 60212
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.7 1.8 5.5



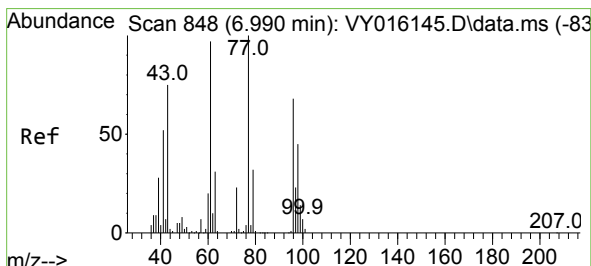
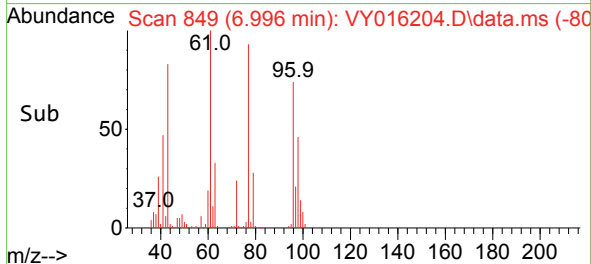
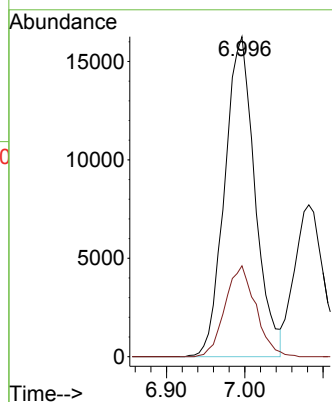


#25
2-Butanone
Concen: 101.561 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :

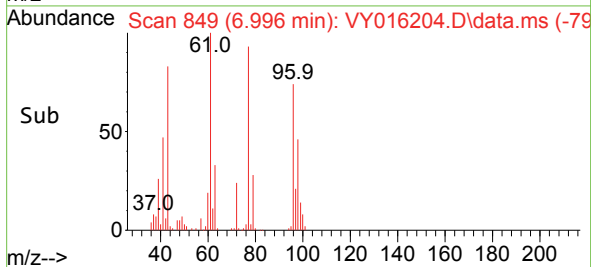
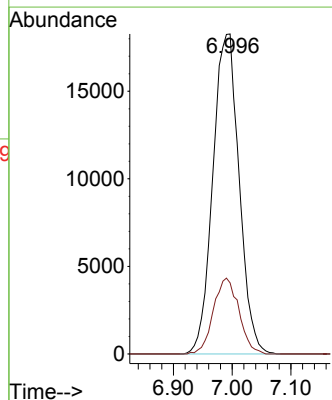
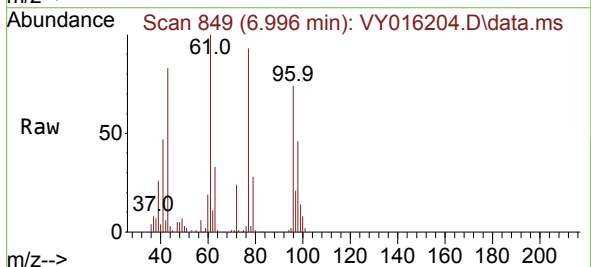


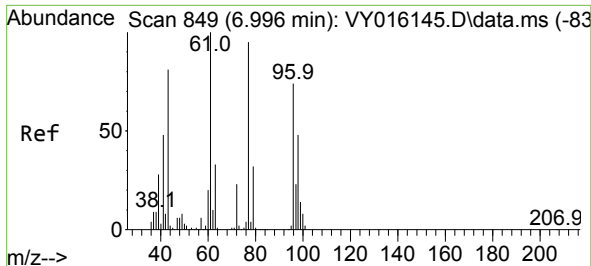
Tgt Ion: 43 Resp: 43710
Ion Ratio Lower Upper
43 100
72 28.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.979 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 77 Resp: 56749
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.540 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

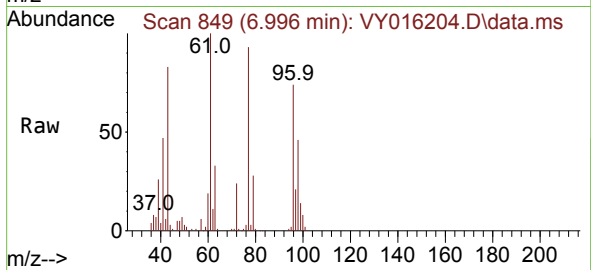
Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :



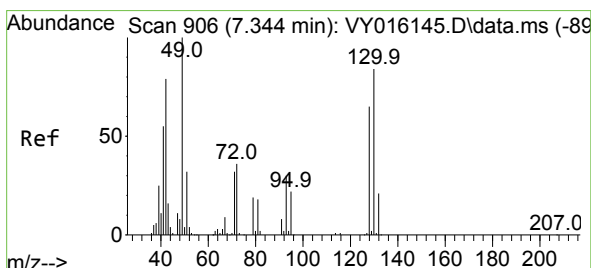
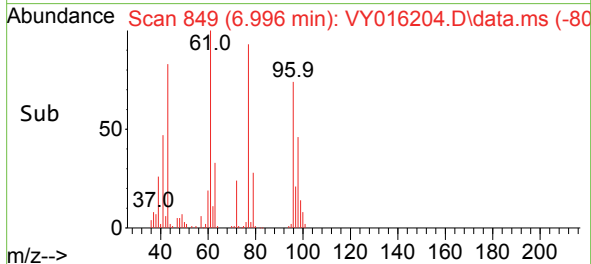
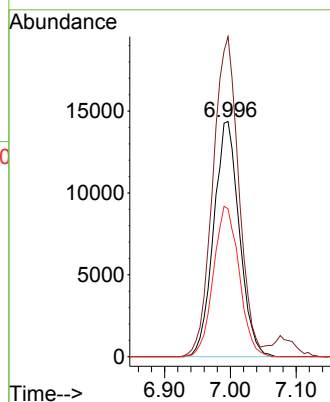
Tgt Ion: 96 Resp: 38951

Ion Ratio Lower Upper

96 100

61 137.8 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.326 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

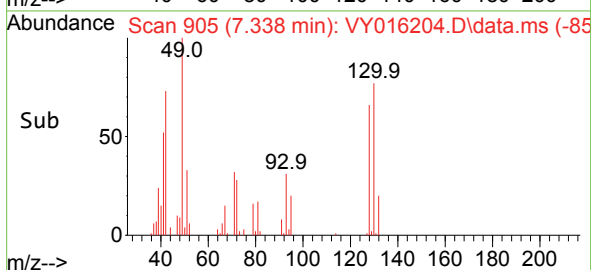
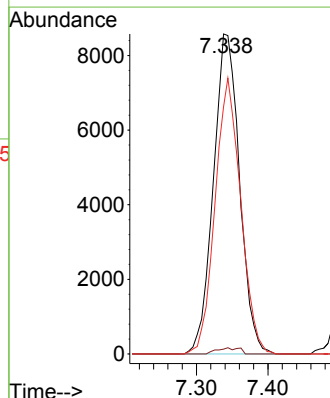
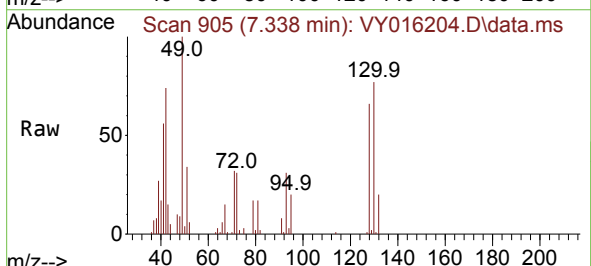
Tgt Ion: 49 Resp: 21797

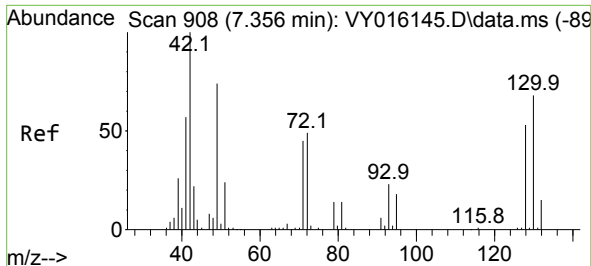
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 84.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.434 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

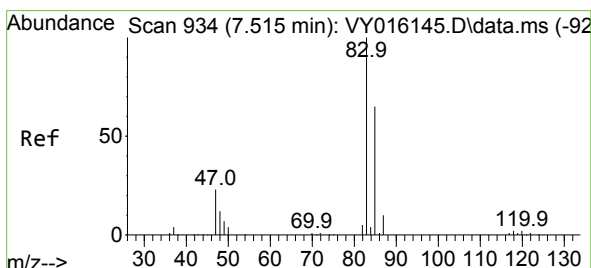
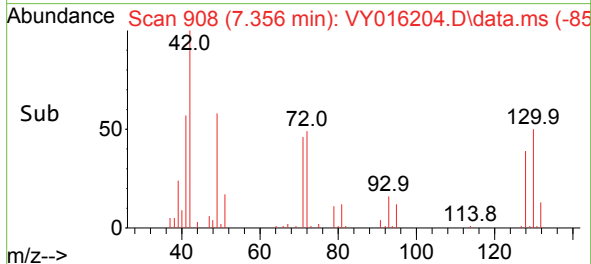
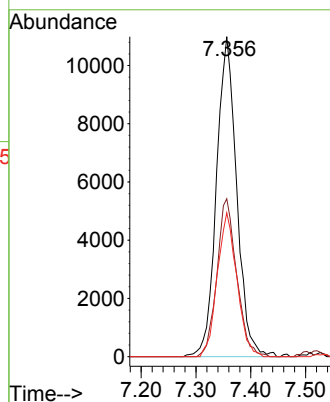
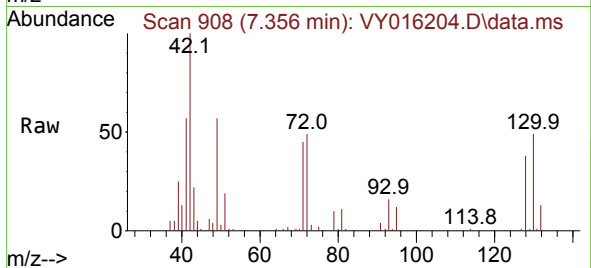
Tgt Ion: 42 Resp: 28175

Ion Ratio Lower Upper

42 100

72 48.1 32.8 49.2

71 43.6 31.0 46.4



#30

Chloroform

Concen: 21.664 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016204.D

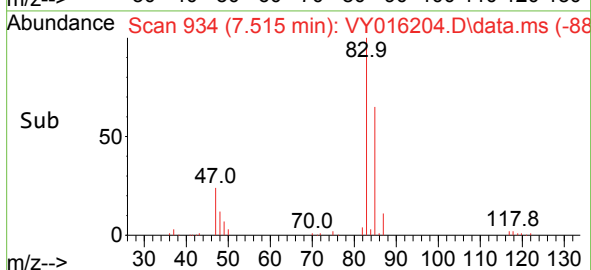
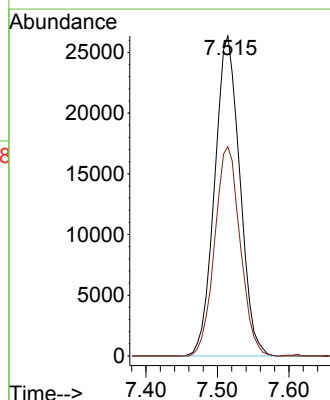
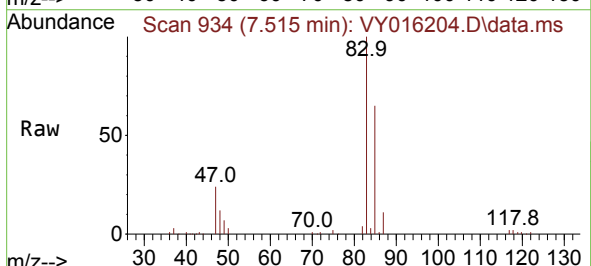
Acq: 03 Nov 2023 10:22

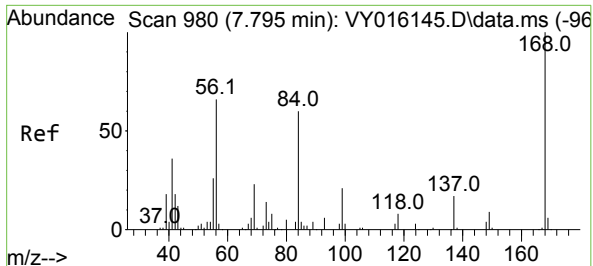
Tgt Ion: 83 Resp: 64423

Ion Ratio Lower Upper

83 100

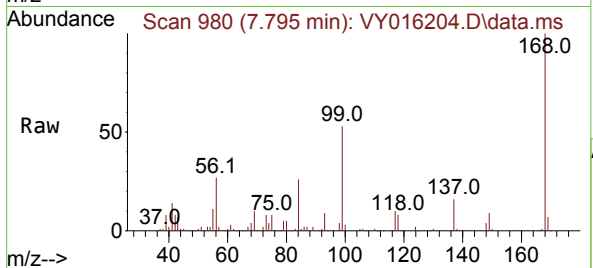
85 65.4 49.7 74.5



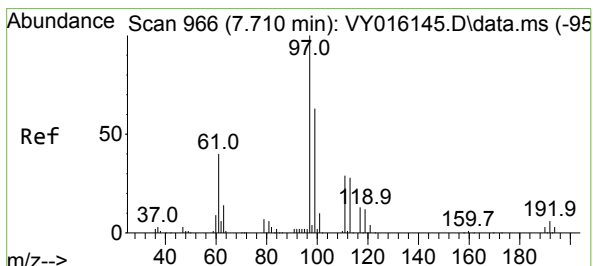
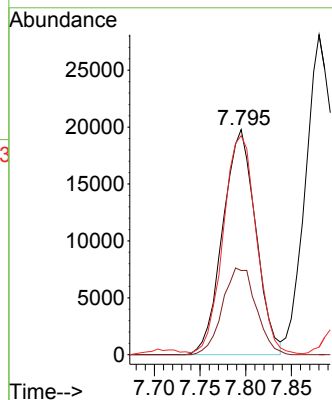
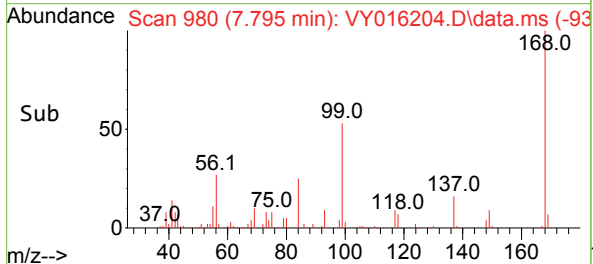


#31
Cyclohexane
Concen: 20.719 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :

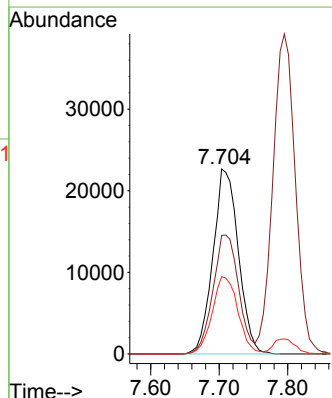
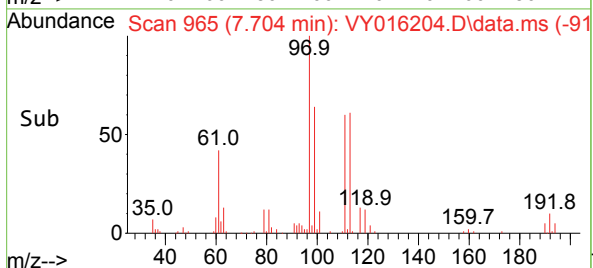
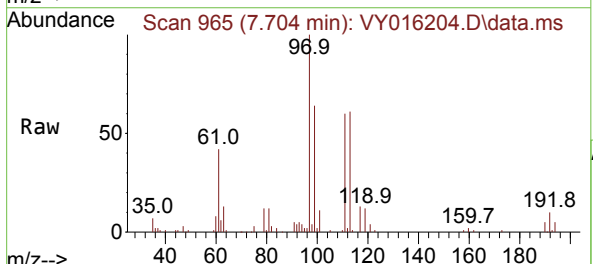


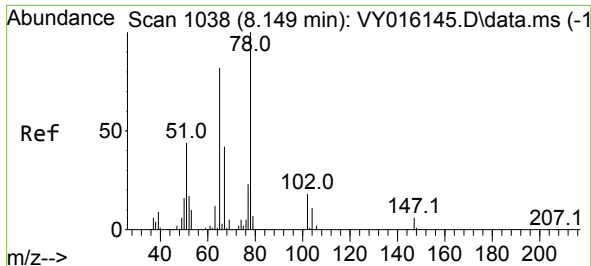
Tgt Ion: 56 Resp: 49684
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.6
84 96.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.409 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 97 Resp: 58387
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 42.4 35.1 52.7

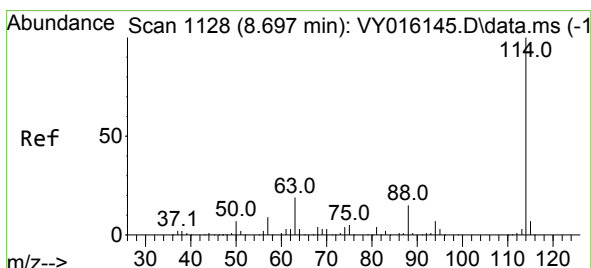
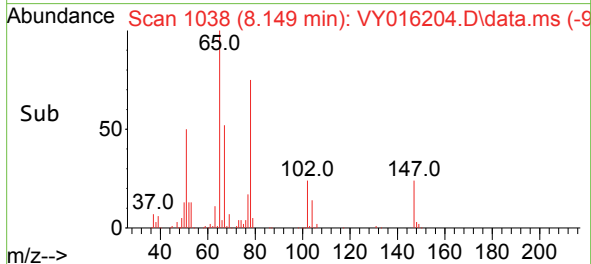
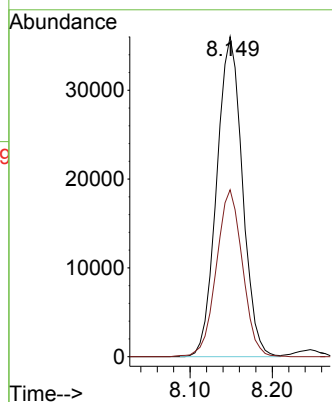
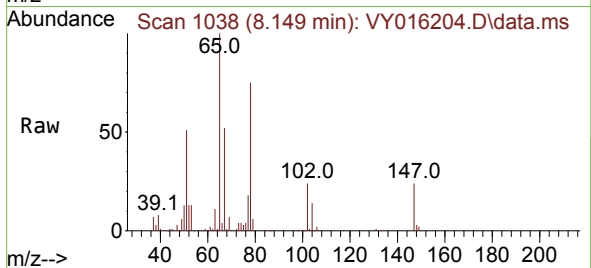




#33
1,2-Dichloroethane-d4
Concen: 50.189 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

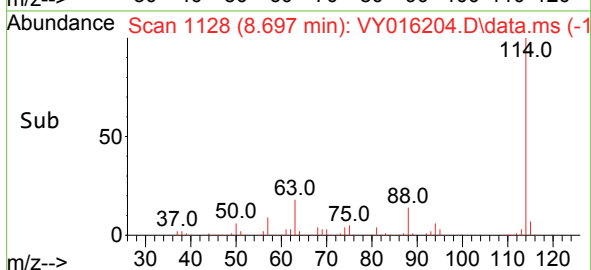
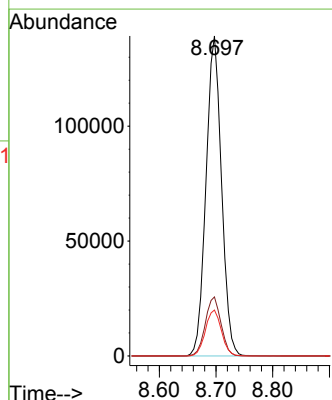
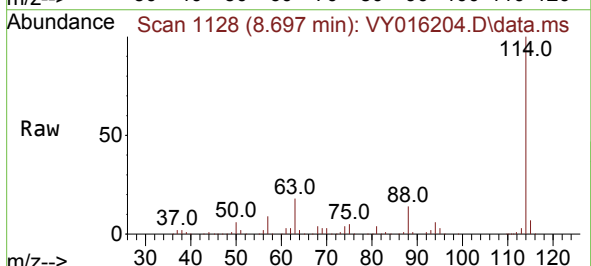
Instrument :
MSVOA_Y
ClientSampleId :

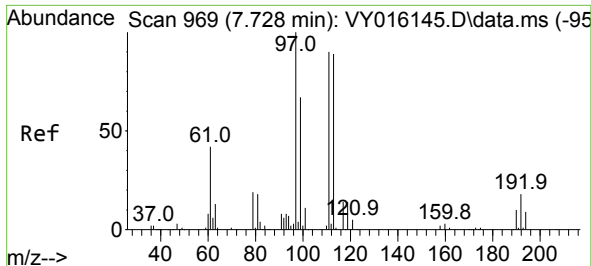
Tgt Ion: 65 Resp: 78293
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

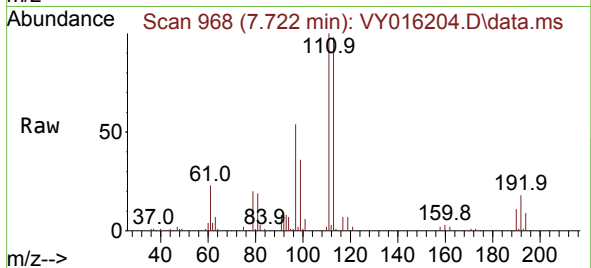
Tgt Ion:114 Resp: 264061
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 14.4 0.0 30.6



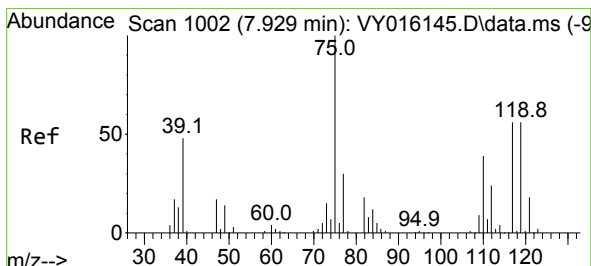
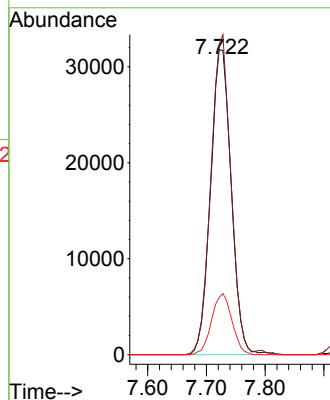
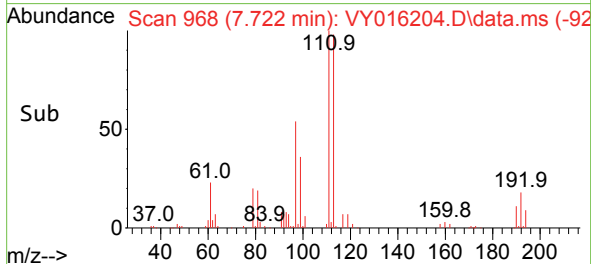


#35
Dibromofluoromethane
Concen: 49.482 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

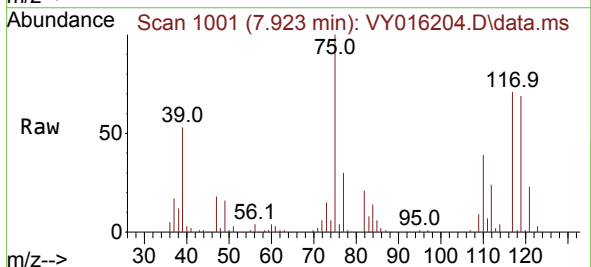
Instrument :
MSVOA_Y
ClientSampleId :



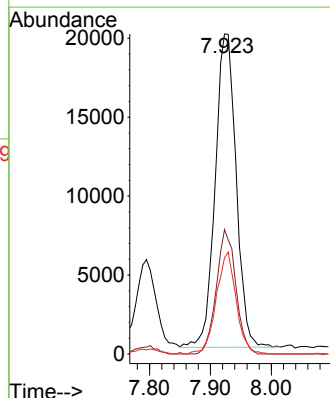
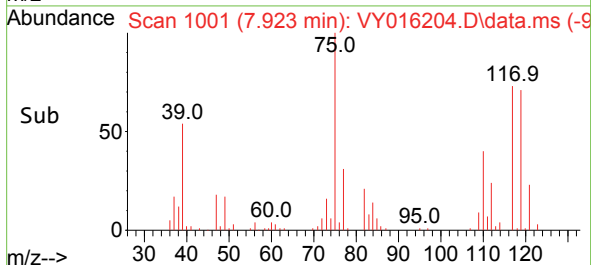
Tgt Ion:113 Resp: 77898
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.7 16.9 25.3

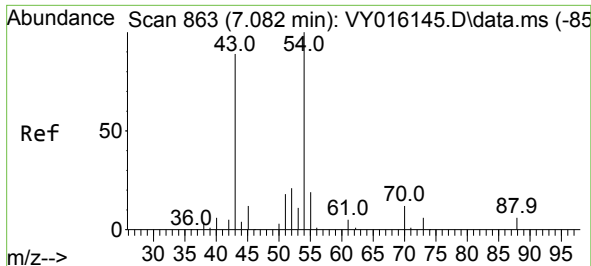


#36
1,1-Dichloropropene
Concen: 20.855 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22



Tgt Ion: 75 Resp: 47407
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 20.352 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

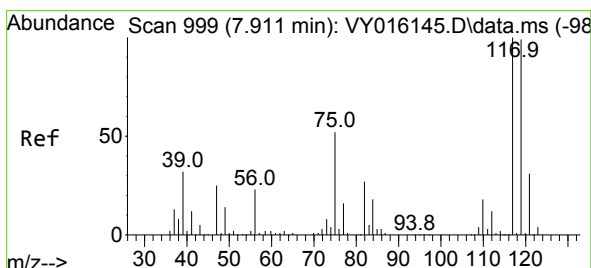
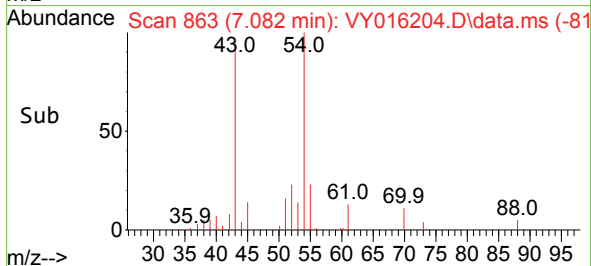
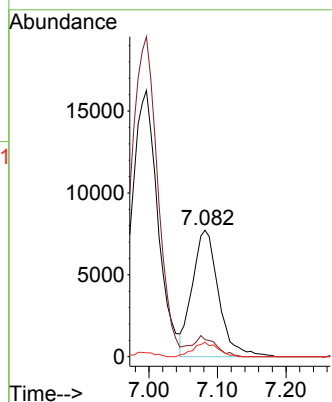
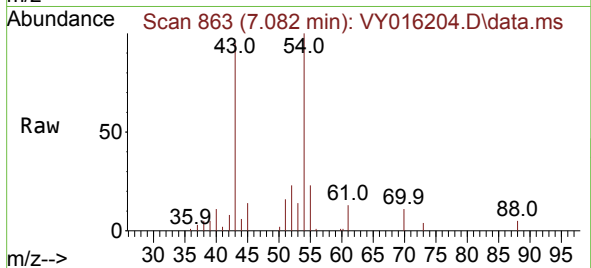
Tgt Ion: 43 Resp: 20606

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 23.063 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

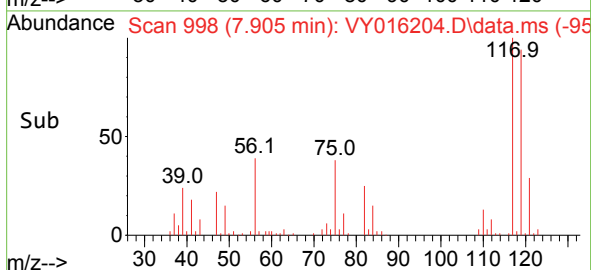
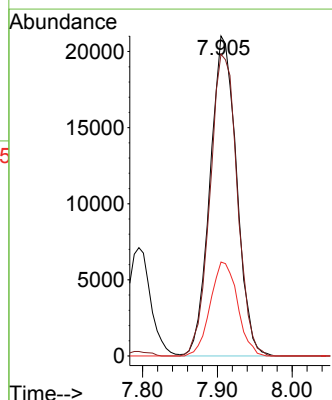
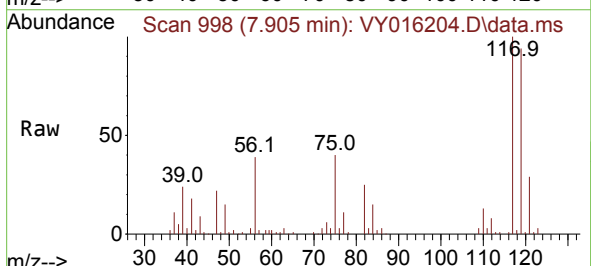
Tgt Ion: 117 Resp: 51940

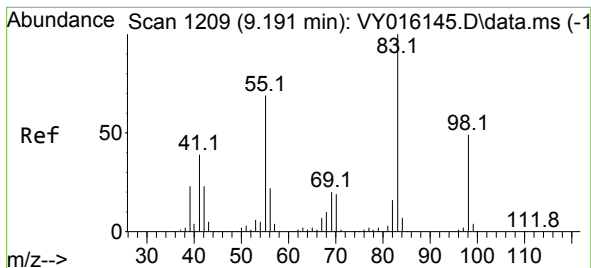
Ion Ratio Lower Upper

117 100

119 94.3 76.4 114.6

121 29.3 25.8 38.6





#39

Methylcyclohexane

Concen: 20.564 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

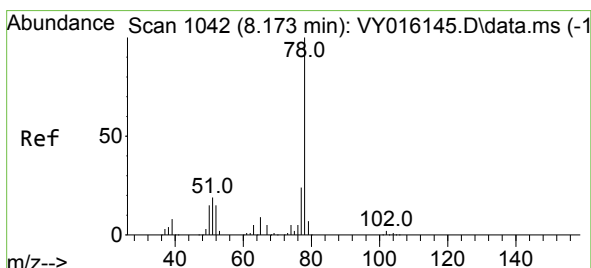
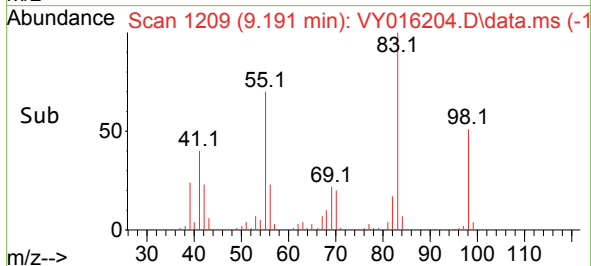
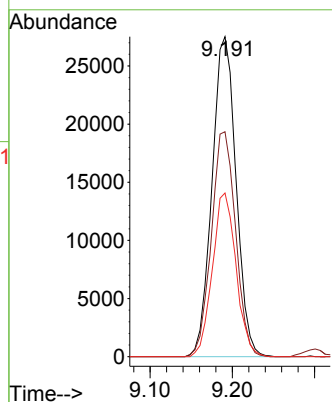
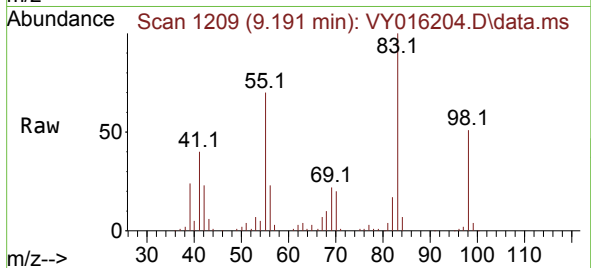
Tgt Ion: 83 Resp: 55800

Ion Ratio Lower Upper

83 100

55 70.3 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 21.199 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016204.D

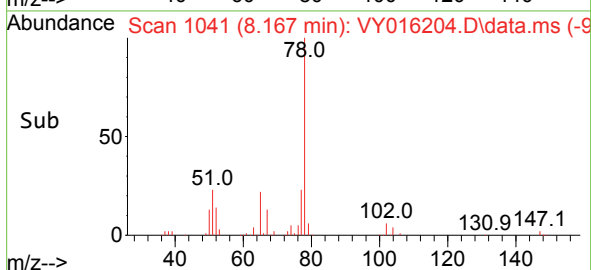
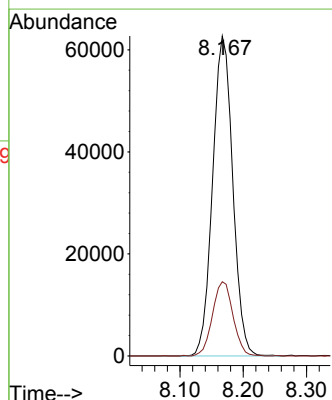
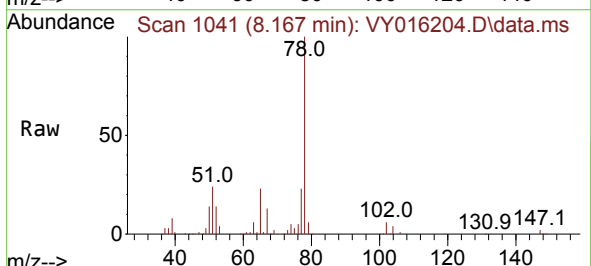
Acq: 03 Nov 2023 10:22

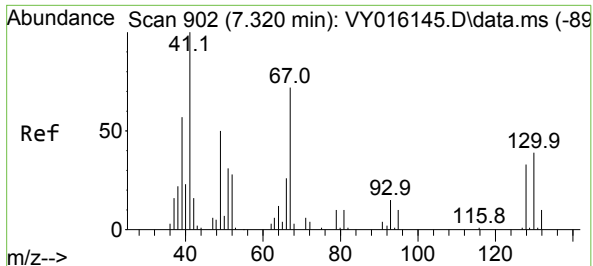
Tgt Ion: 78 Resp: 138347

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

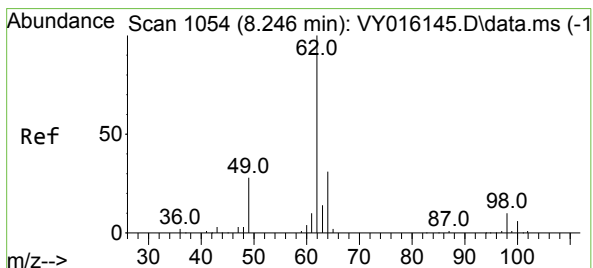
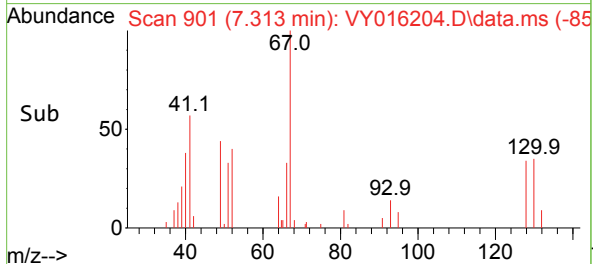
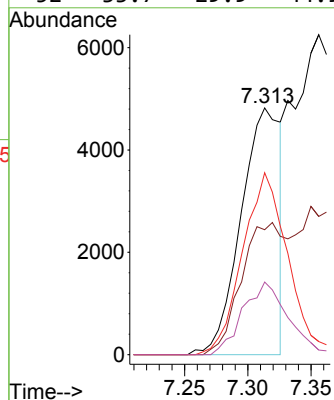
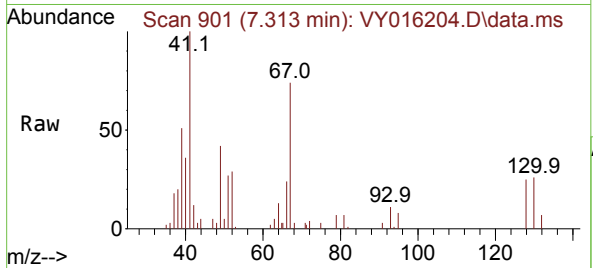




#41
Methacrylonitrile
Concen: 17.848 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

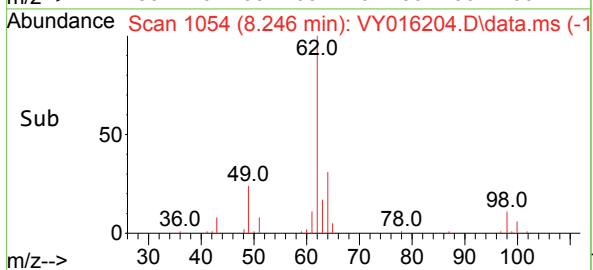
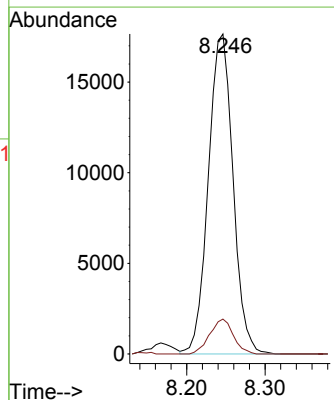
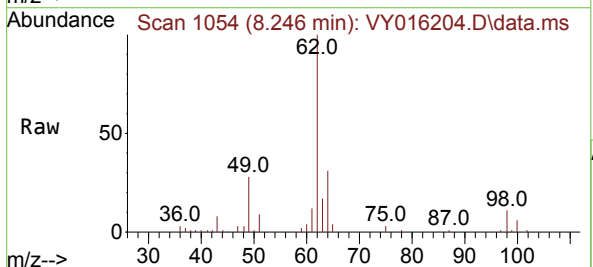
Instrument :
MSVOA_Y
ClientSampleId :

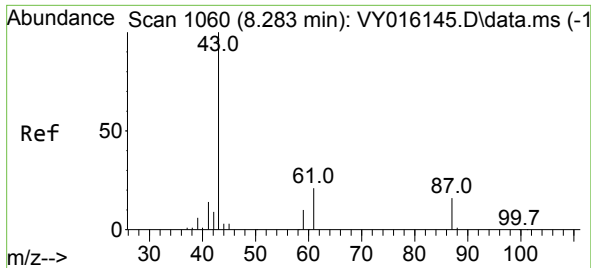
Tgt Ion: 41 Resp: 10489
Ion Ratio Lower Upper
41 100
39 61.2 52.1 78.1
67 84.1 66.2 99.2
52 33.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.225 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 62 Resp: 38656
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

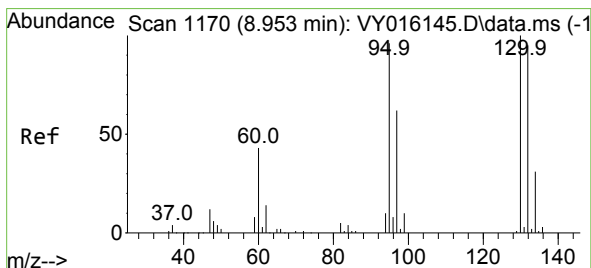
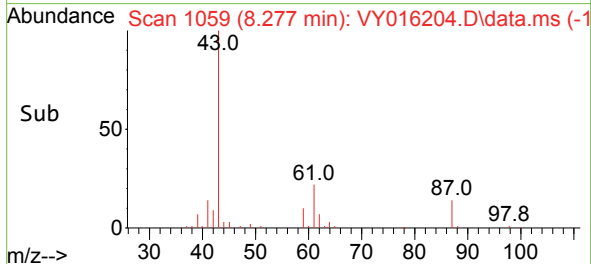
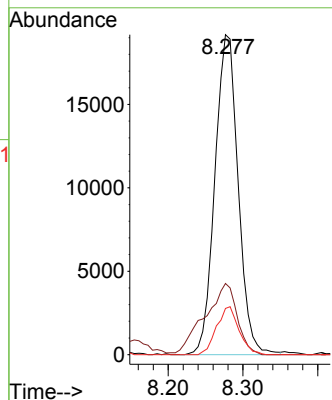
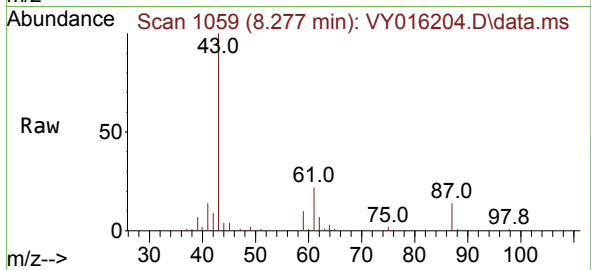




#43
Isopropyl Acetate
Concen: 20.754 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

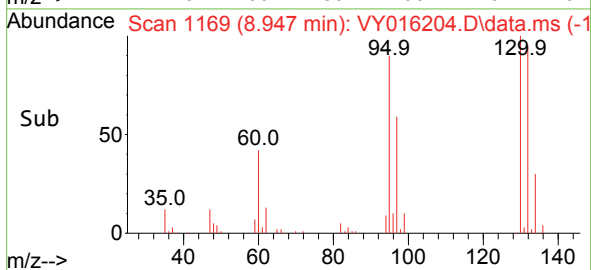
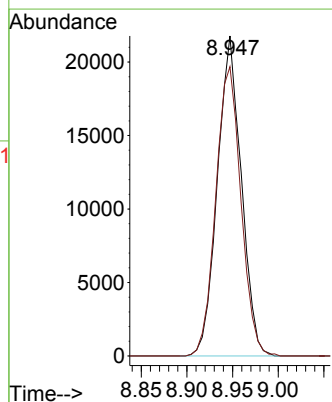
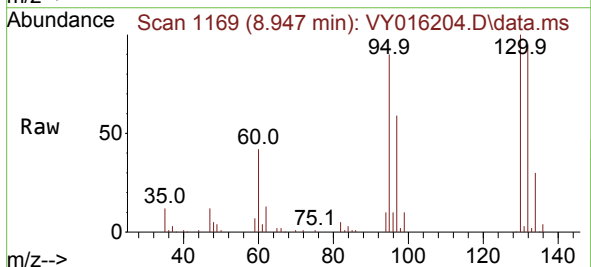
Instrument :
MSVOA_Y
ClientSampleId :

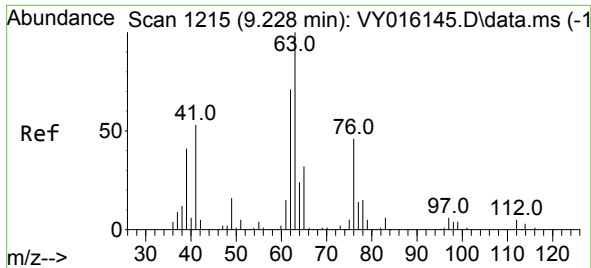
Tgt Ion: 43 Resp: 41565
Ion Ratio Lower Upper
43 100
61 30.7 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 20.759 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion:130 Resp: 39646
Ion Ratio Lower Upper
130 100
95 90.4 0.0 196.0

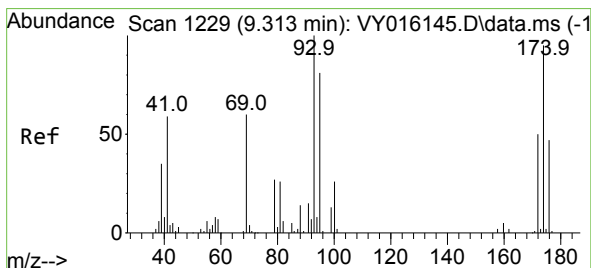
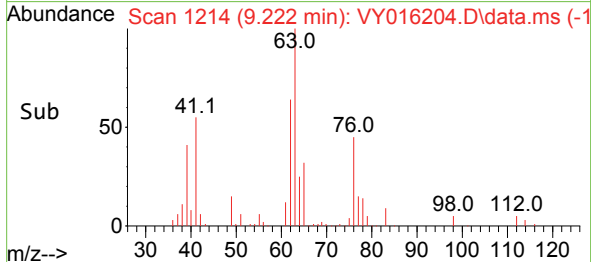
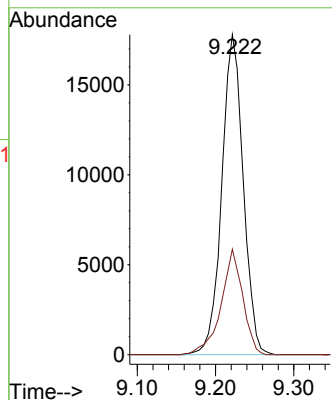
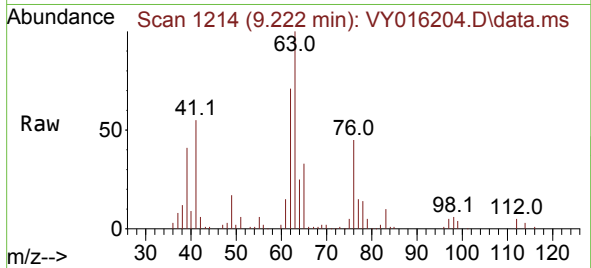




#45
1,2-Dichloropropane
Concen: 21.593 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

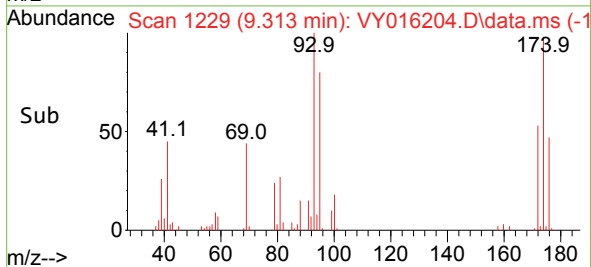
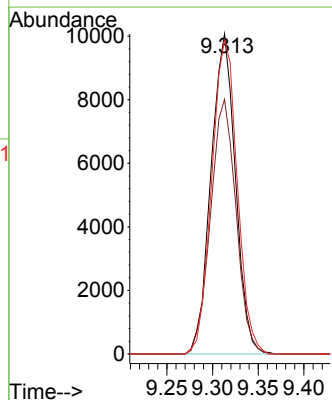
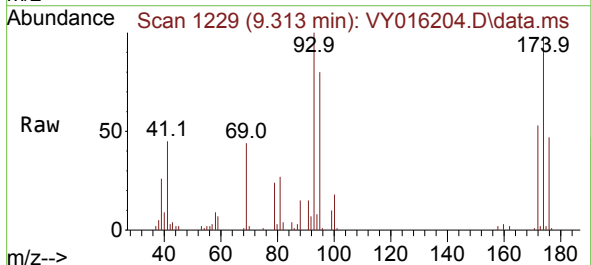
Instrument :
MSVOA_Y
ClientSampleId :

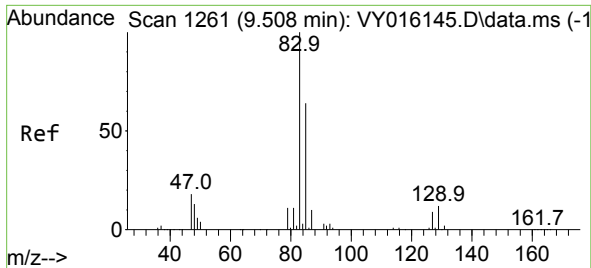
Tgt Ion: 63 Resp: 33900
Ion Ratio Lower Upper
63 100
65 33.0 23.8 35.6



#46
Dibromomethane
Concen: 21.024 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 93 Resp: 18724
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 102.2 84.8 127.2

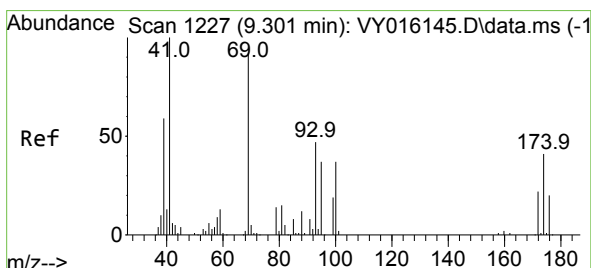
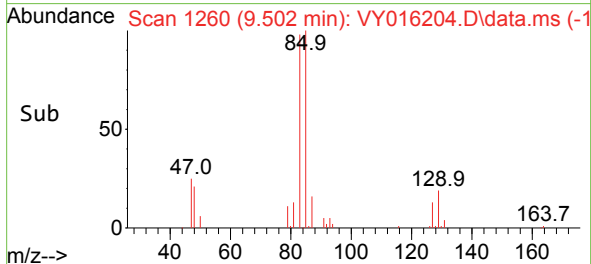
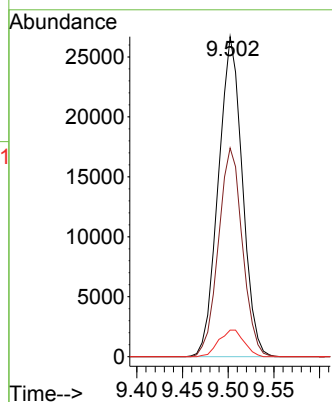
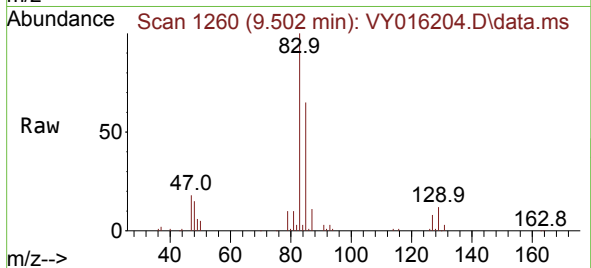




#47
Bromodichloromethane
Concen: 21.558 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

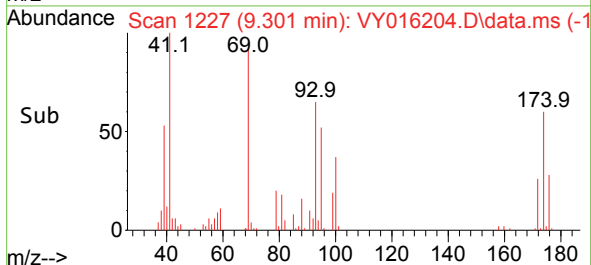
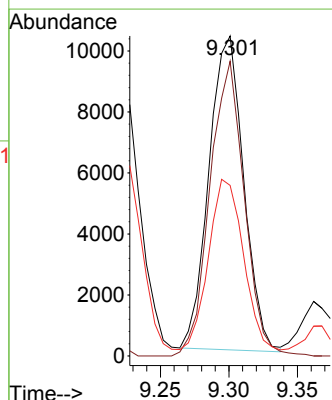
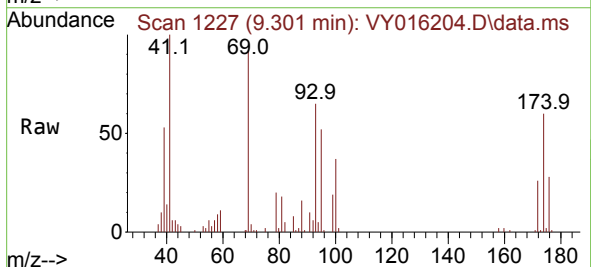
Instrument :
MSVOA_Y
ClientSampleId :

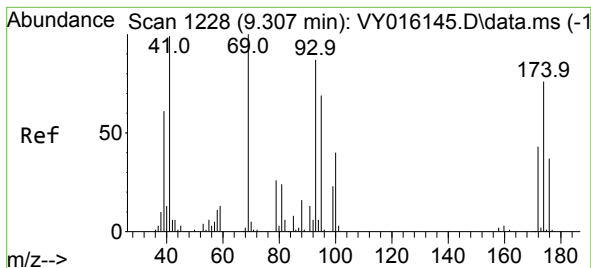
Tgt Ion: 83 Resp: 48781
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 19.917 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 41 Resp: 18138
Ion Ratio Lower Upper
41 100
69 93.1 64.5 96.7
39 55.2 50.8 76.2





#49

1,4-Dioxane

Concen: 299.317 ug/l

RT: 9.307 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

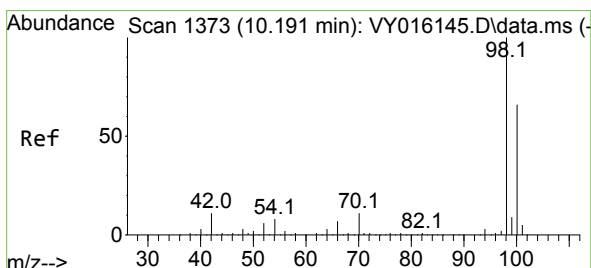
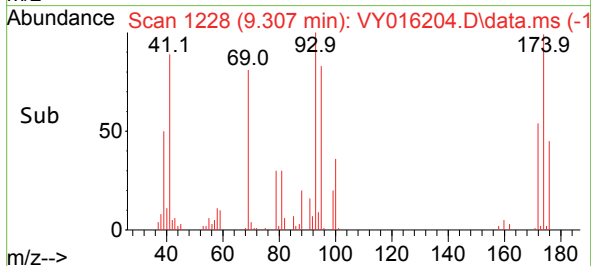
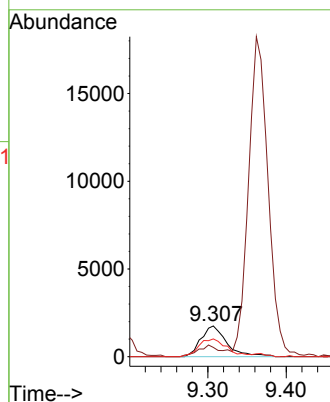
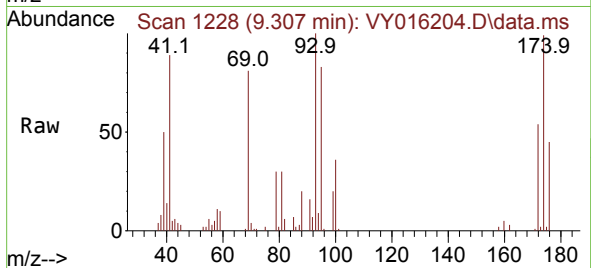
Tgt Ion: 88 Resp: 4033

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 63.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.890 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016204.D

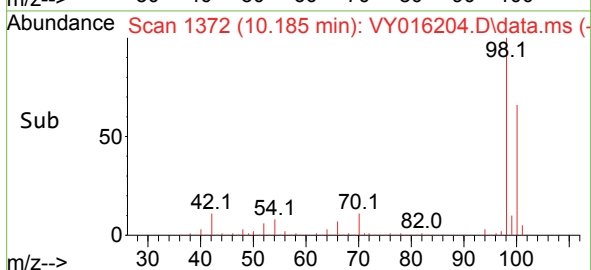
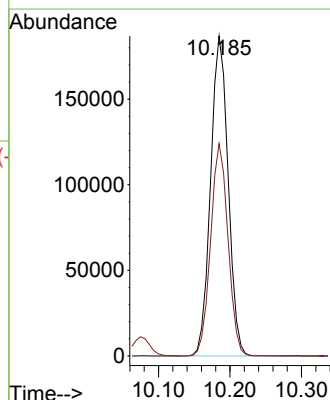
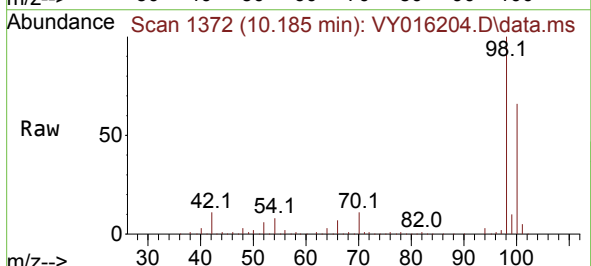
Acq: 03 Nov 2023 10:22

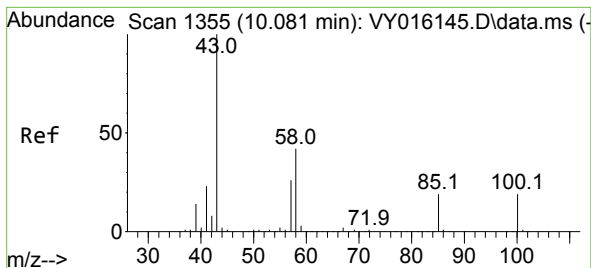
Tgt Ion: 98 Resp: 317634

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

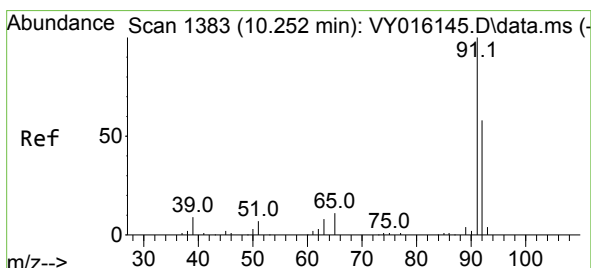
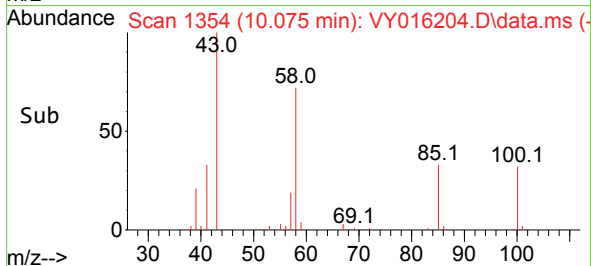
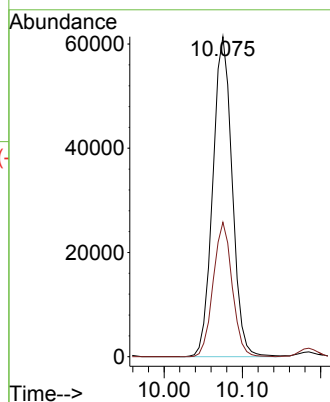
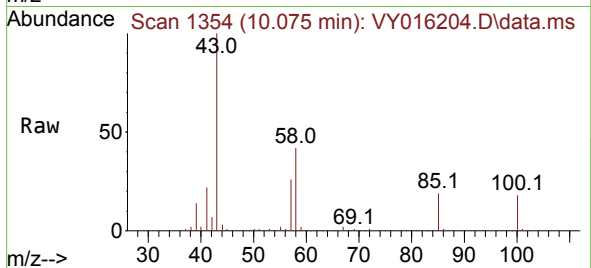




#51
4-Methyl-2-Pentanone
Concen: 105.805 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

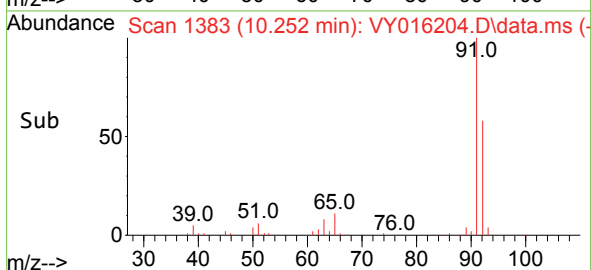
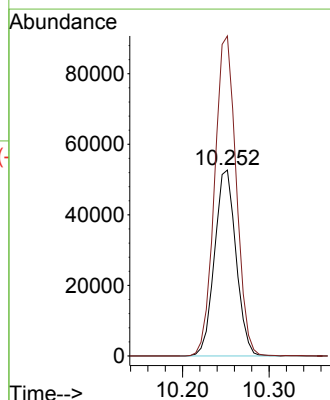
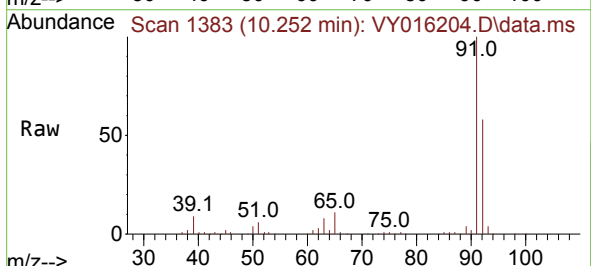
Instrument :
MSVOA_Y
ClientSampleId :

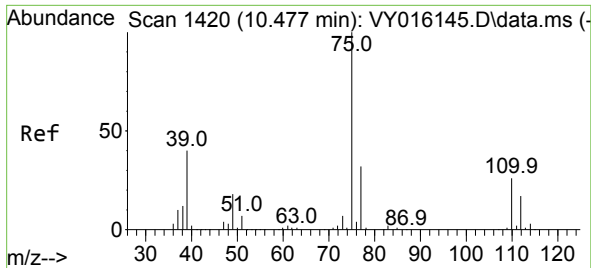
Tgt Ion: 43 Resp: 105731
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 21.446 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 92 Resp: 90692
Ion Ratio Lower Upper
92 100
91 173.1 143.8 215.6

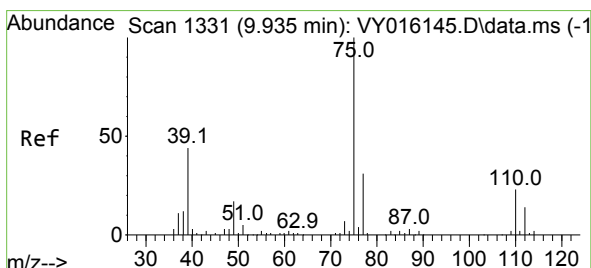
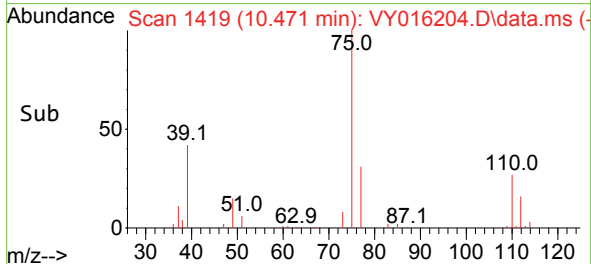
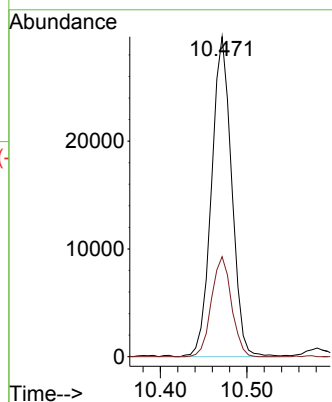
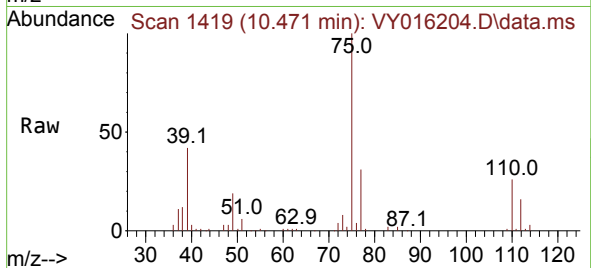




#53
 t-1,3-Dichloropropene
 Concen: 21.215 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016204.D
 Acq: 03 Nov 2023 10:22

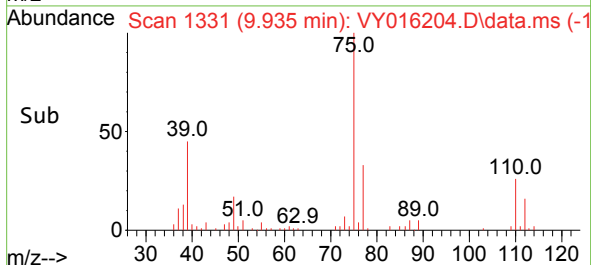
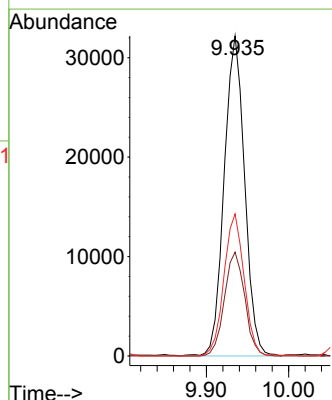
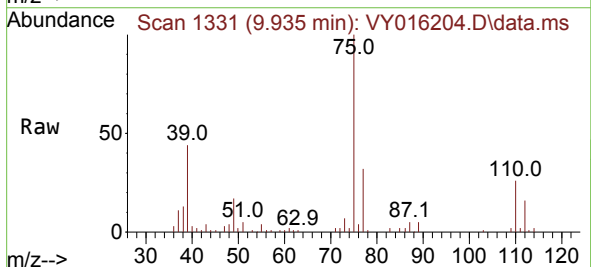
Instrument :
 MSVOA_Y
 ClientSampleId :

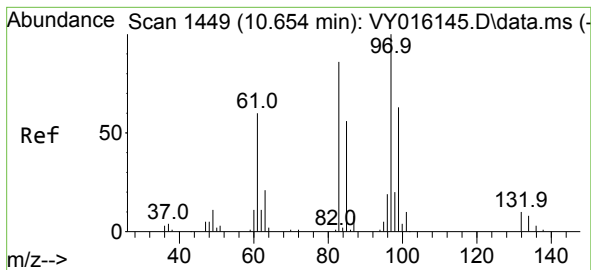
Tgt Ion: 75 Resp: 47922
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.999 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016204.D
 Acq: 03 Nov 2023 10:22

Tgt Ion: 75 Resp: 55659
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 44.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.494 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

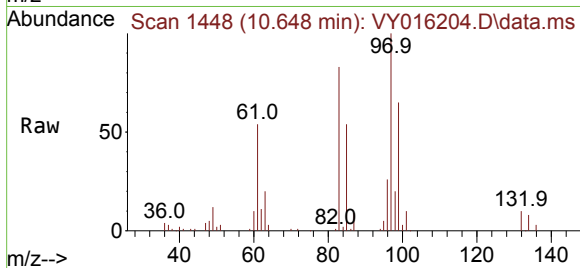
Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 26927

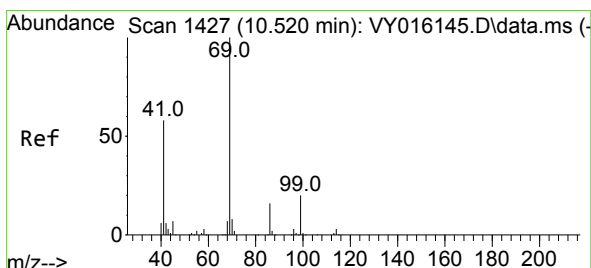
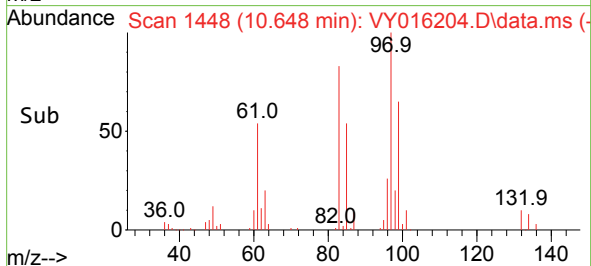
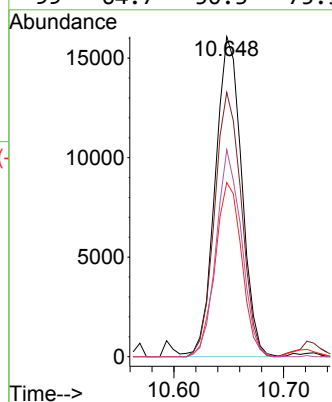
Ion Ratio Lower Upper

97 100

83 82.6 72.0 108.0

85 54.4 45.4 68.0

99 64.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.541 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

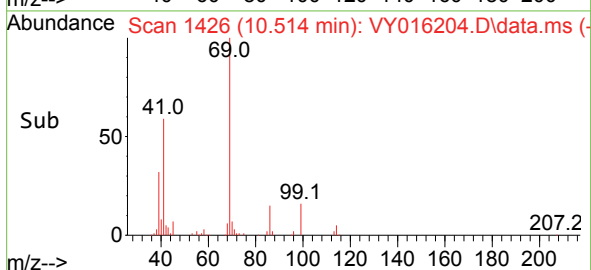
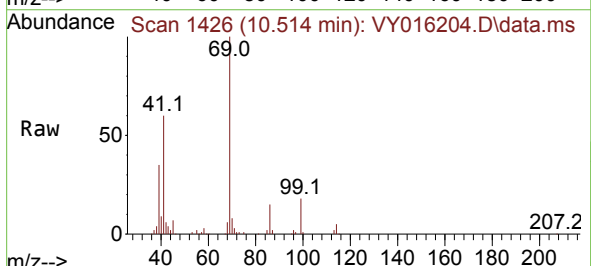
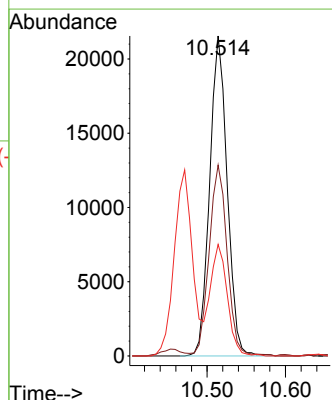
Tgt Ion: 69 Resp: 33418

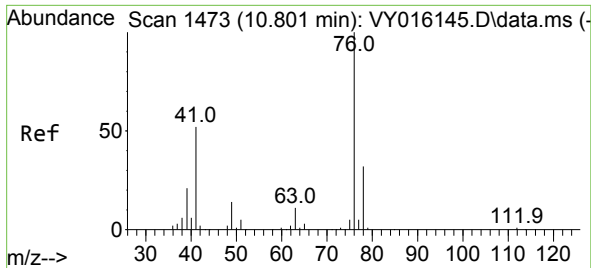
Ion Ratio Lower Upper

69 100

41 61.7 57.6 86.4

39 33.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 21.366 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

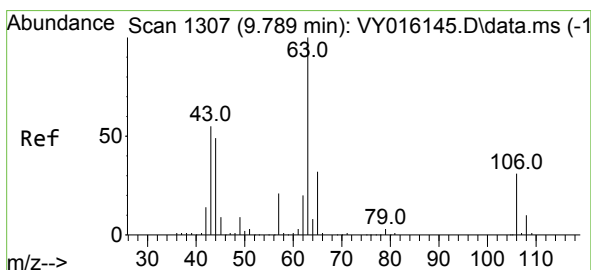
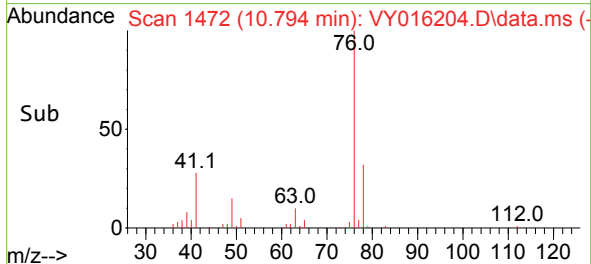
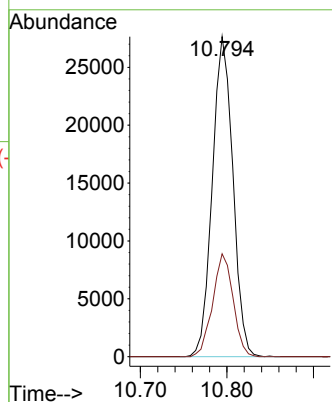
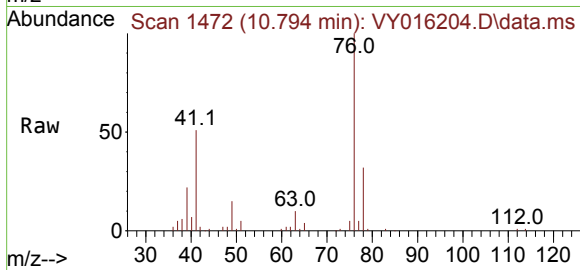
ClientSampleId :

Tgt Ion: 76 Resp: 45566

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.835 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016204.D

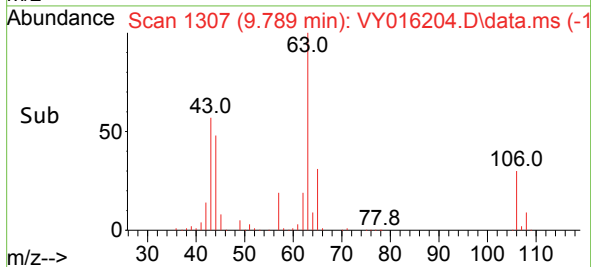
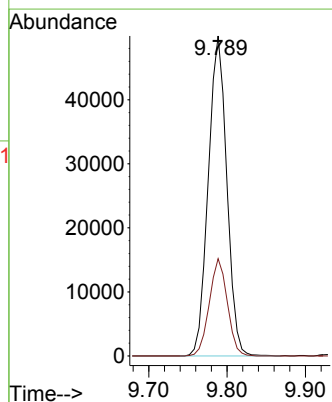
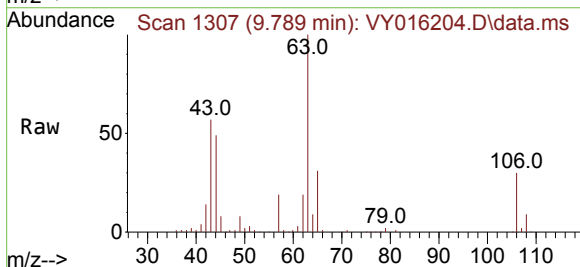
Acq: 03 Nov 2023 10:22

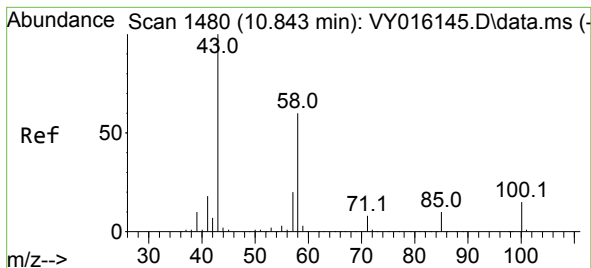
Tgt Ion: 63 Resp: 81916

Ion Ratio Lower Upper

63 100

106 29.6 21.2 31.8





#59

2-Hexanone

Concen: 105.283 ug/l

RT: 10.837 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

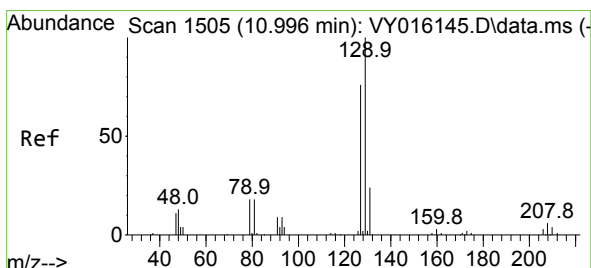
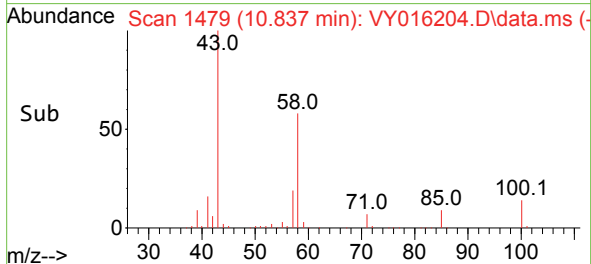
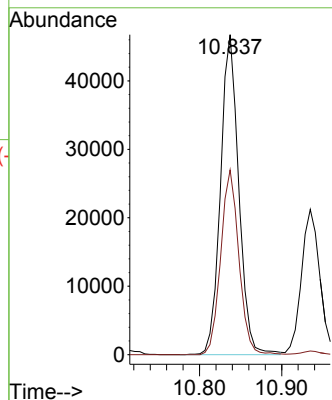
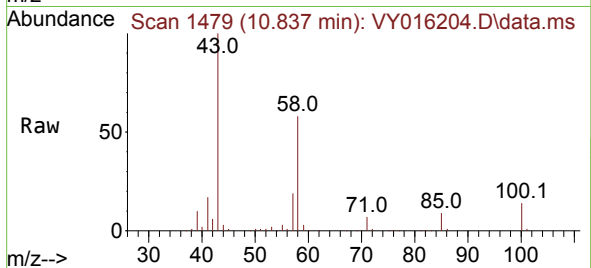
ClientSampleId :

Tgt Ion: 43 Resp: 72096

Ion Ratio Lower Upper

43 100

58 57.5 25.1 75.3



#60

Dibromochloromethane

Concen: 21.097 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. -0.006 min

Lab File: VY016204.D

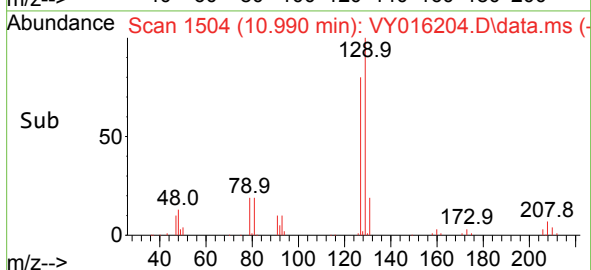
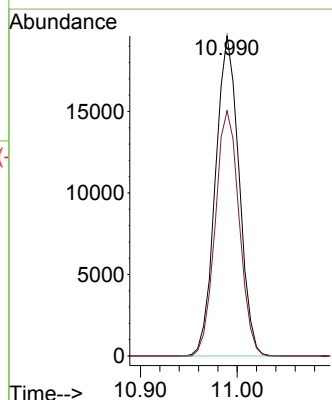
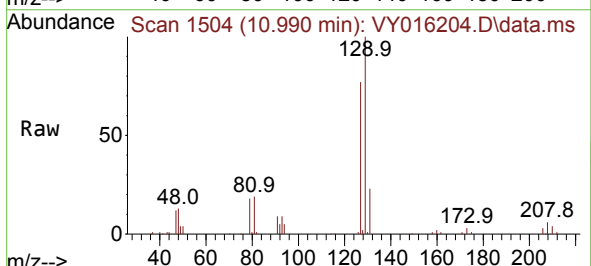
Acq: 03 Nov 2023 10:22

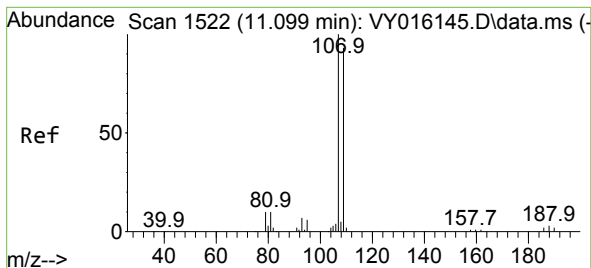
Tgt Ion:129 Resp: 33157

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.5

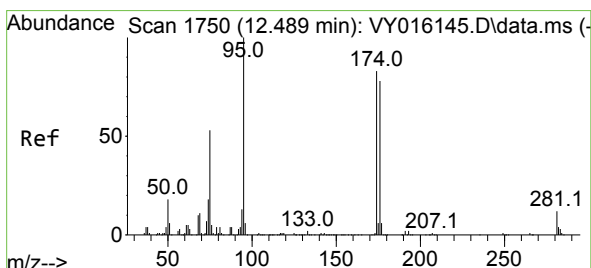
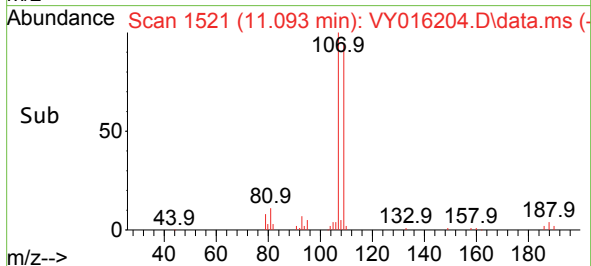
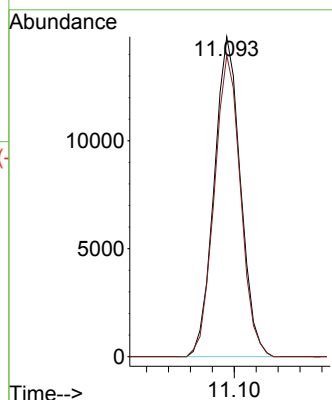
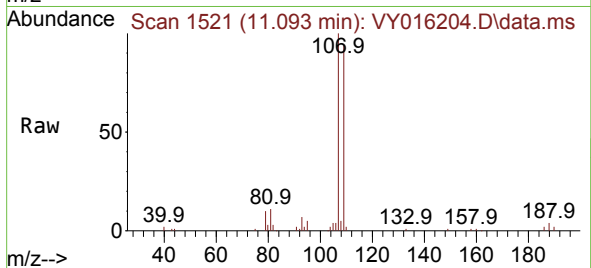




#61
1,2-Dibromoethane
Concen: 20.706 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

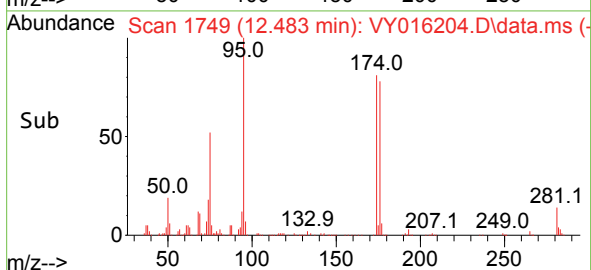
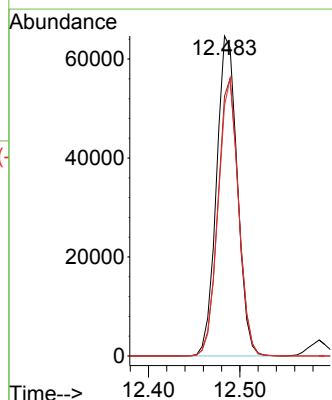
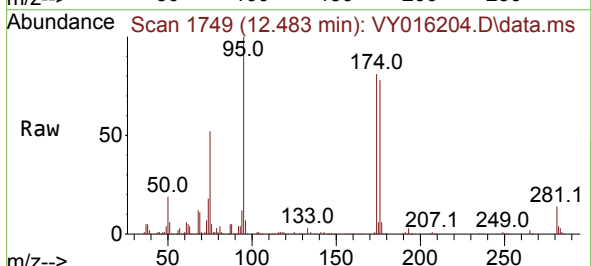
Instrument :
MSVOA_Y
ClientSampleId :

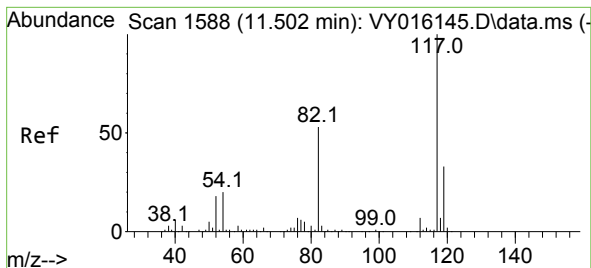
Tgt Ion:107 Resp: 24673
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 95 Resp: 102260
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 84.5 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: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

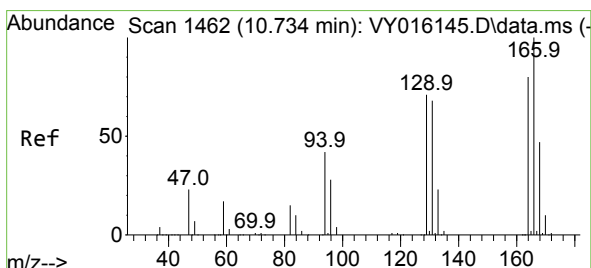
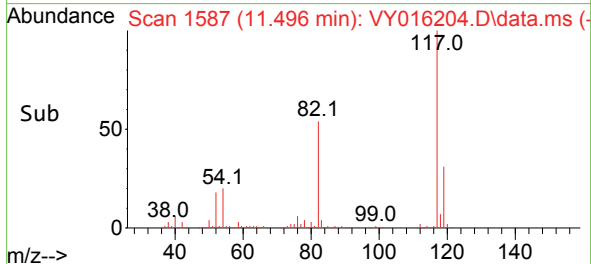
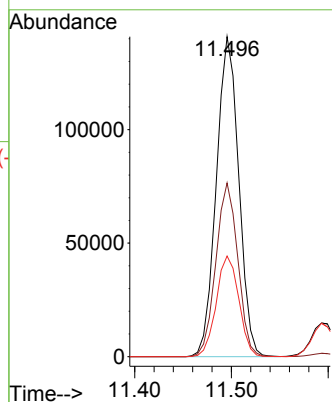
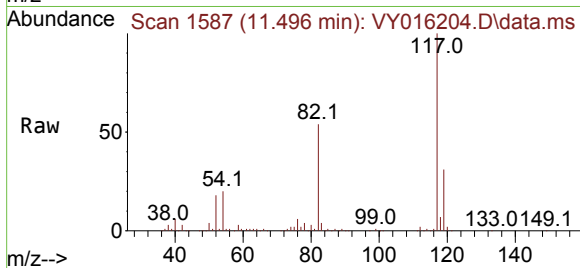
Tgt Ion:117 Resp: 226421

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 19.541 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Tgt Ion:164 Resp: 39355

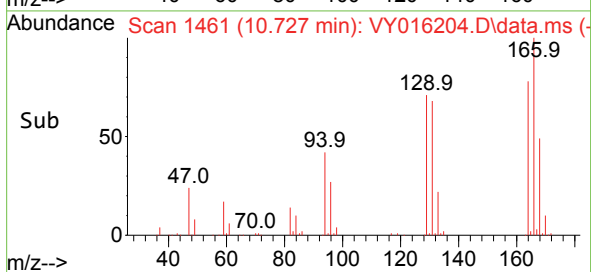
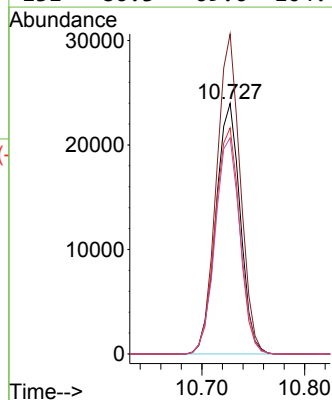
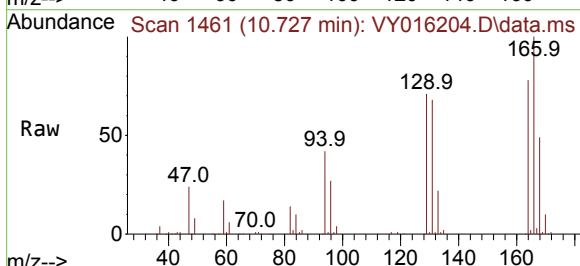
Ion Ratio Lower Upper

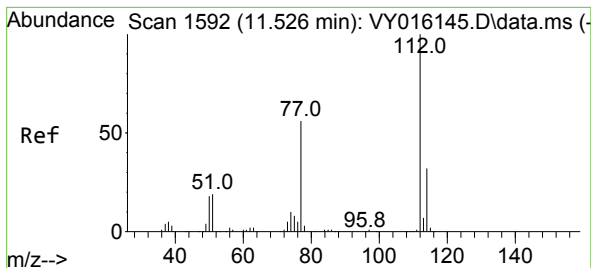
164 100

166 127.7 103.0 154.6

129 90.3 77.2 115.8

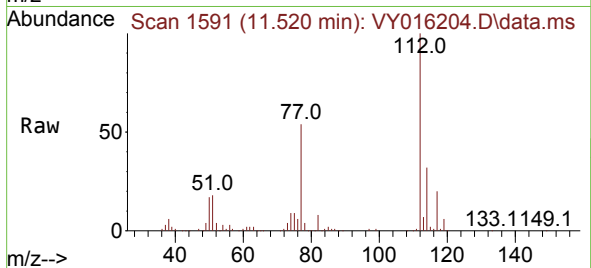
131 86.3 69.6 104.4



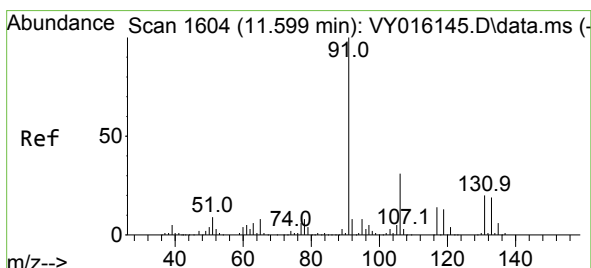
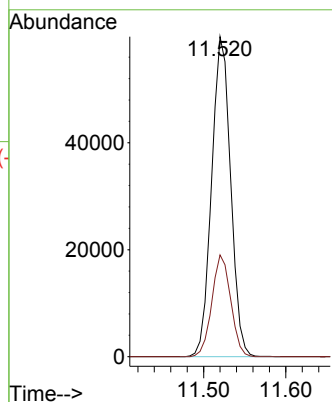
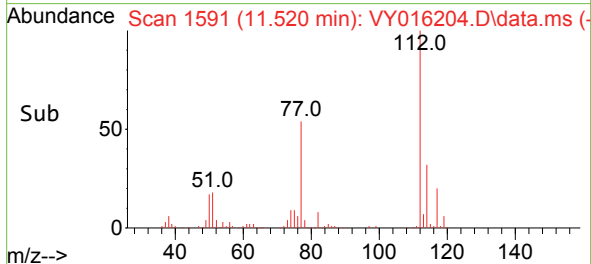


#65
Chlorobenzene
Concen: 21.338 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

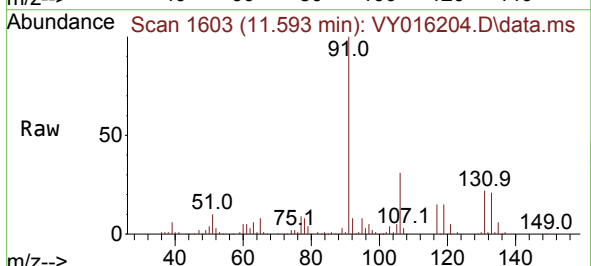
Instrument :
MSVOA_Y
ClientSampleId :



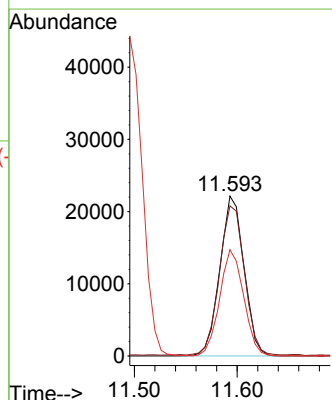
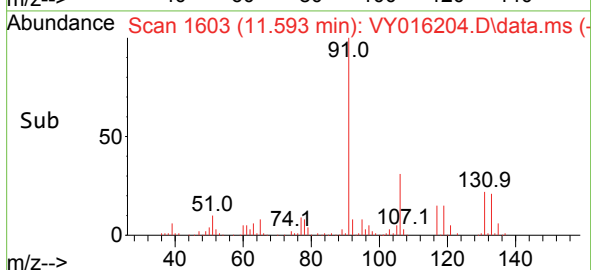
Tgt Ion:112 Resp: 95989
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

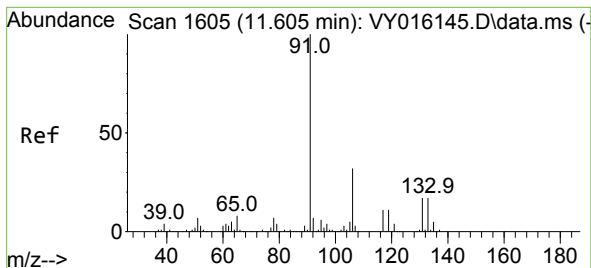


#66
1,1,1,2-Tetrachloroethane
Concen: 21.665 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22



Tgt Ion:131 Resp: 36097
Ion Ratio Lower Upper
131 100
133 97.1 47.5 142.6
119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 21.721 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

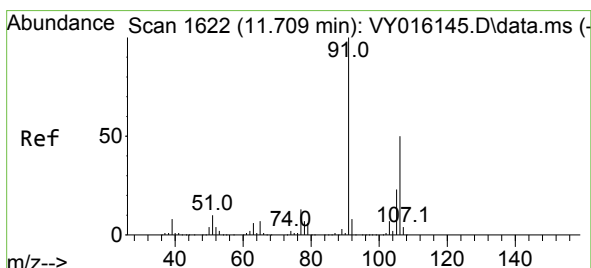
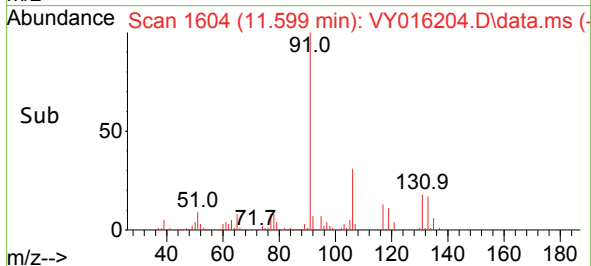
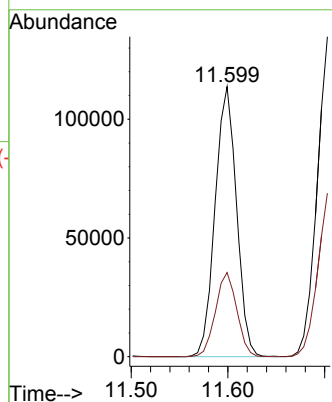
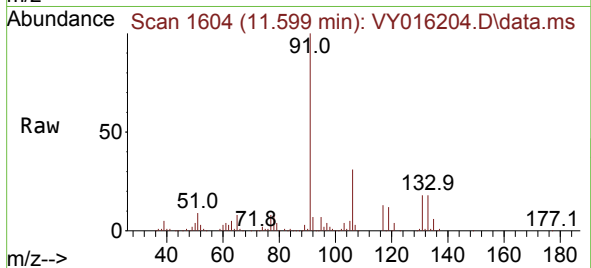
ClientSampleId :

Tgt Ion: 91 Resp: 174765

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 42.477 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016204.D

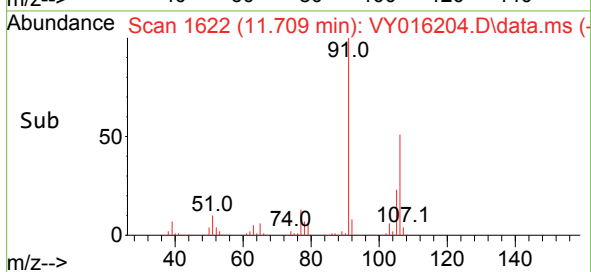
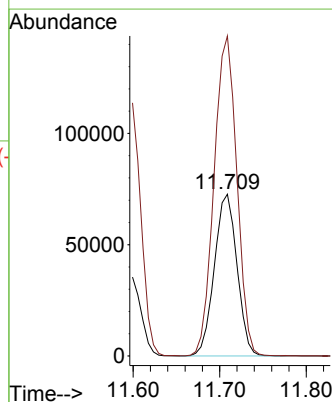
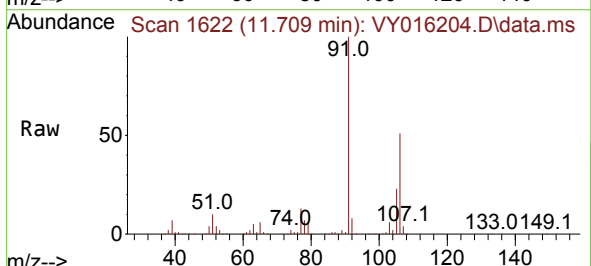
Acq: 03 Nov 2023 10:22

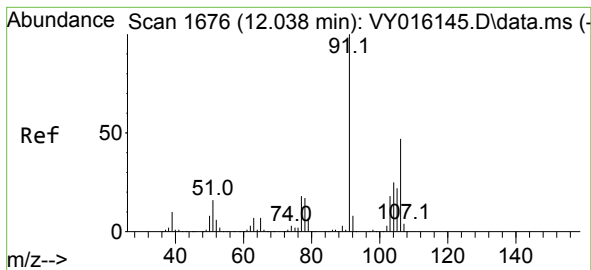
Tgt Ion: 106 Resp: 132065

Ion Ratio Lower Upper

106 100

91 199.4 166.1 249.1

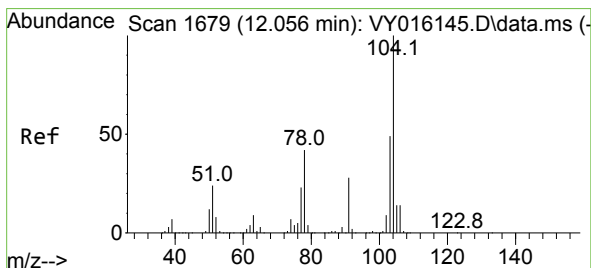
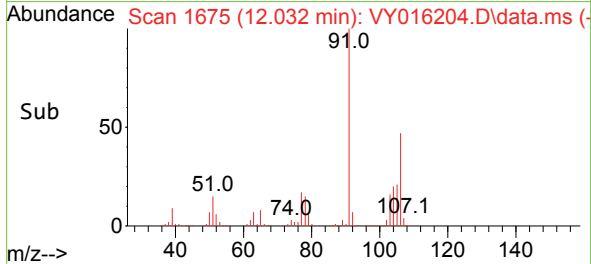
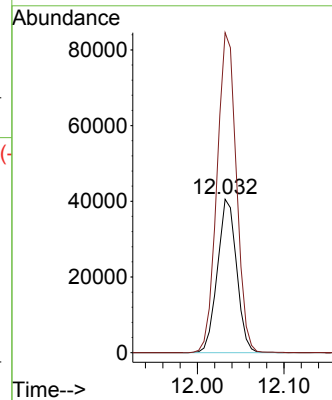
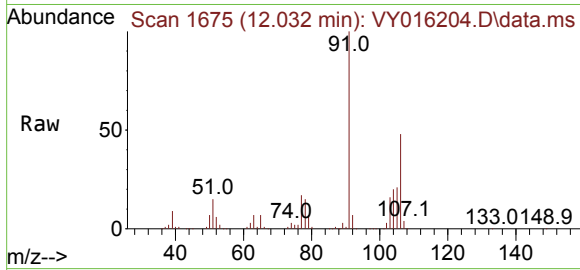




#69
o-Xylene
Concen: 21.031 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

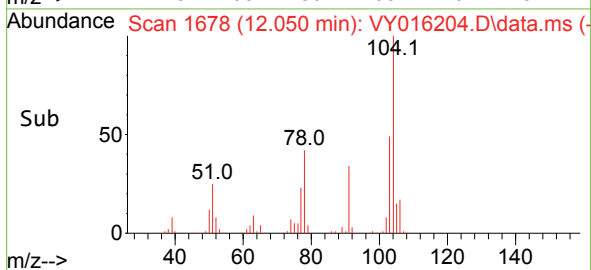
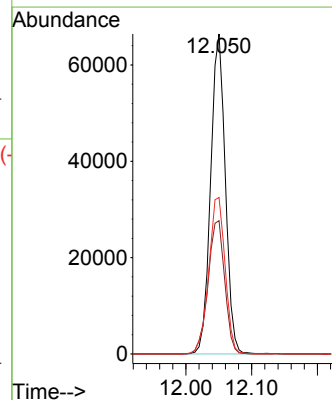
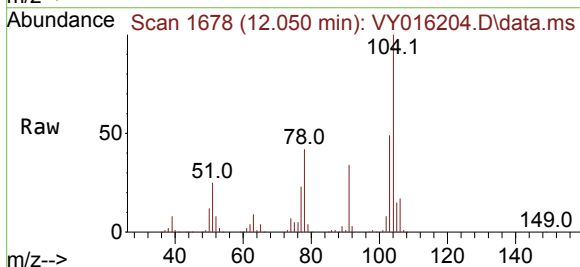
Instrument :
MSVOA_Y
ClientSampleId :

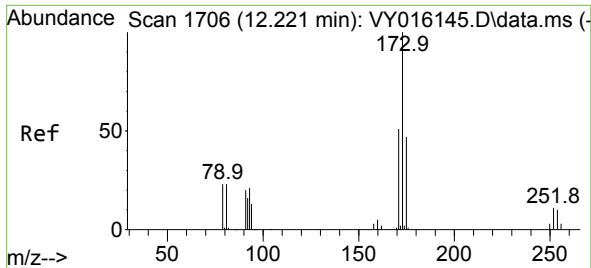
Tgt Ion:106 Resp: 62430
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.3



#70
Styrene
Concen: 20.924 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion:104 Resp: 103259
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 54.6 44.6 67.0

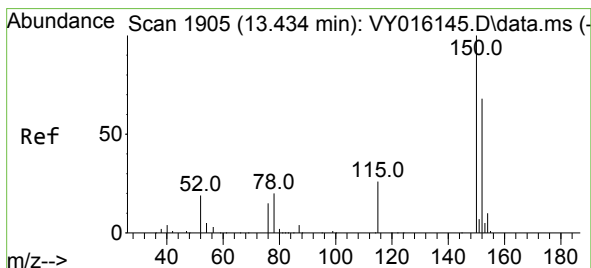
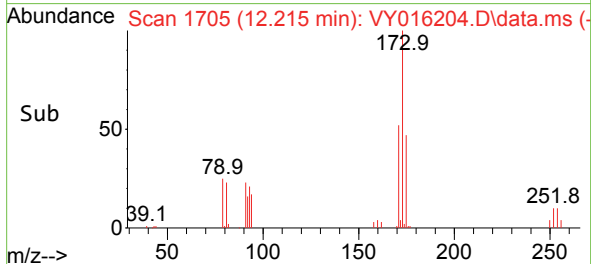
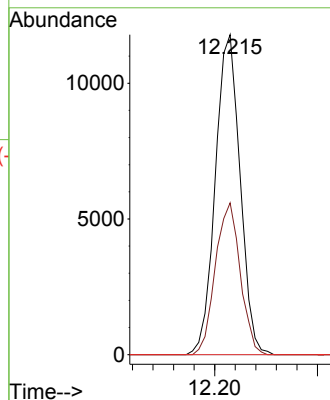
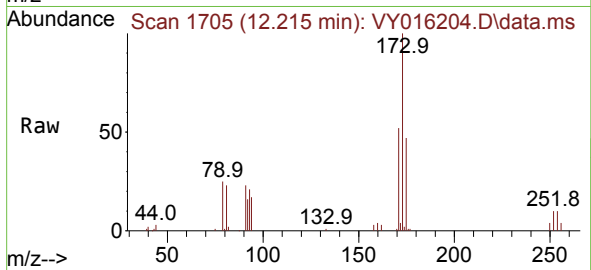




#71
Bromoform
Concen: 21.299 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

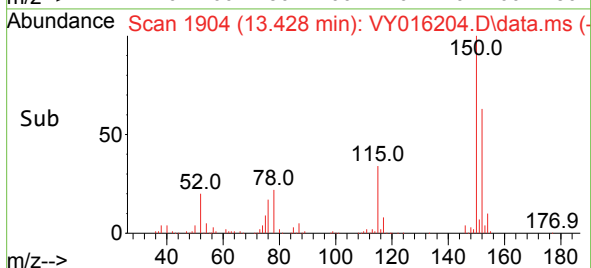
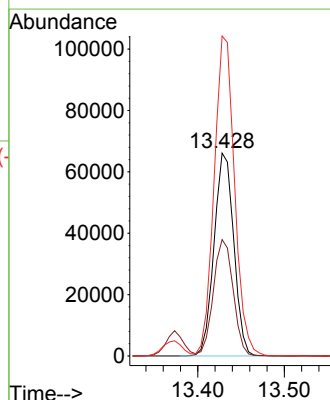
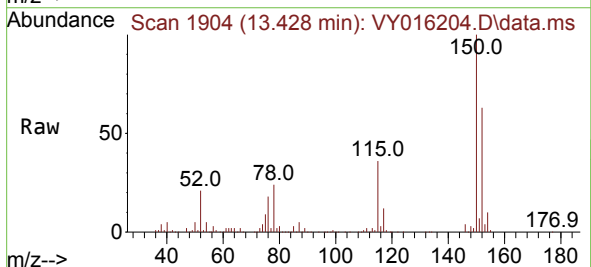
Instrument :
MSVOA_Y
ClientSampleId :

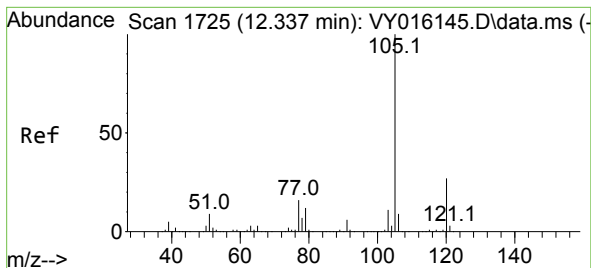
Tgt Ion:173 Resp: 19687
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion:152 Resp: 104608
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 163.3 0.0 348.8





#73

Isopropylbenzene

Concen: 21.611 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

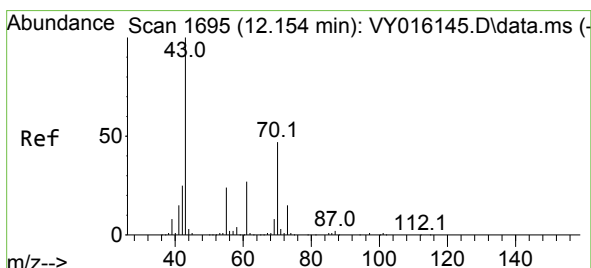
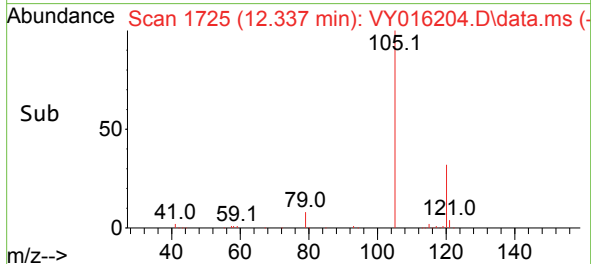
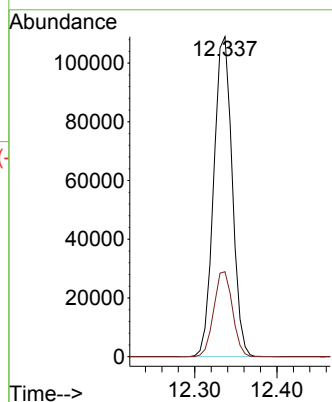
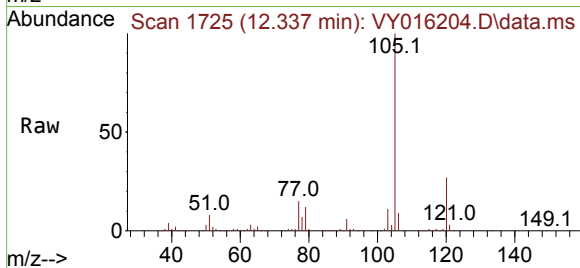
ClientSampleId :

Tgt Ion:105 Resp: 169580

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 20.210 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Tgt Ion: 43 Resp: 34462

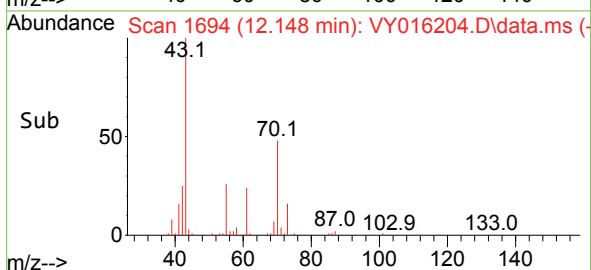
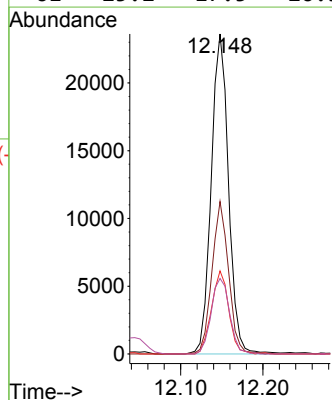
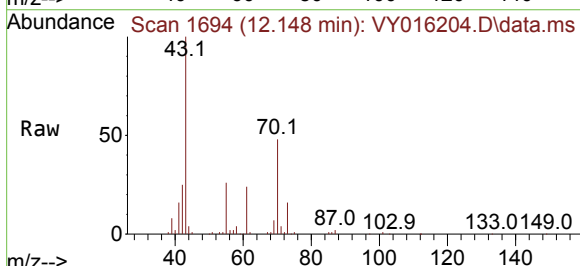
Ion Ratio Lower Upper

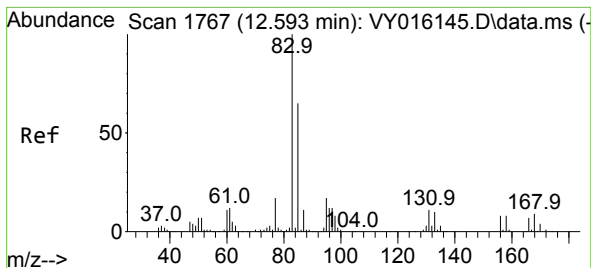
43 100

70 45.9 29.7 44.5#

55 25.9 18.3 27.5

61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.235 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

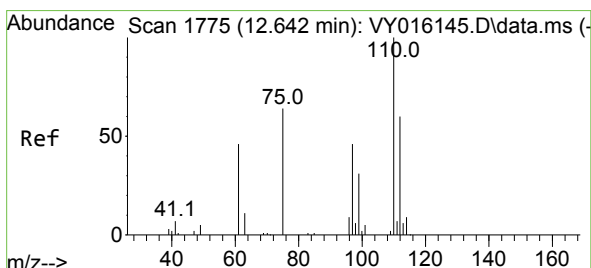
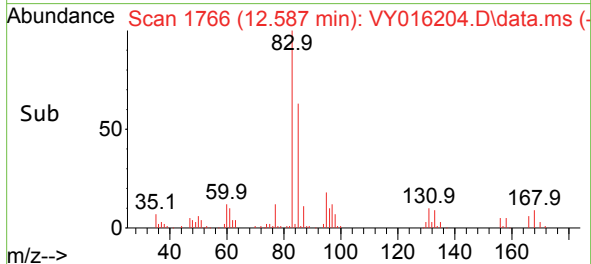
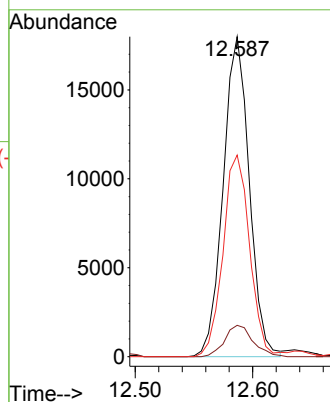
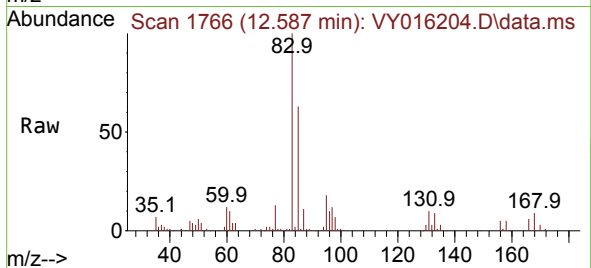
Tgt Ion: 83 Resp: 27763

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.166 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016204.D

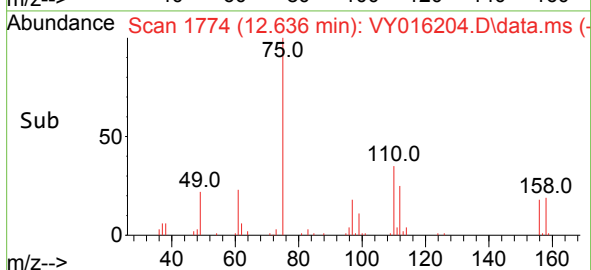
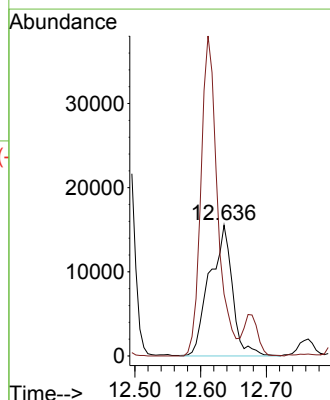
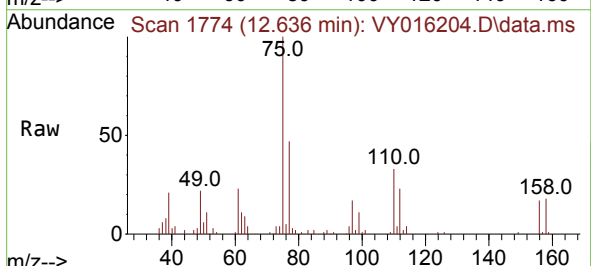
Acq: 03 Nov 2023 10:22

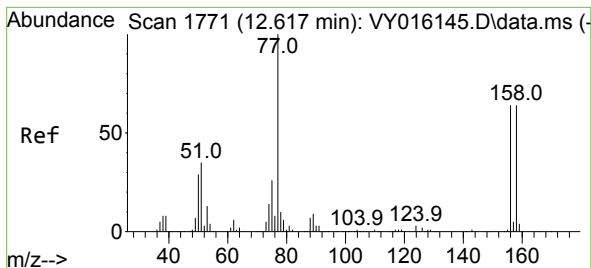
Tgt Ion: 75 Resp: 37598

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.043 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

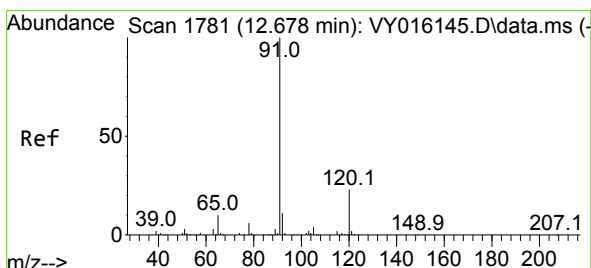
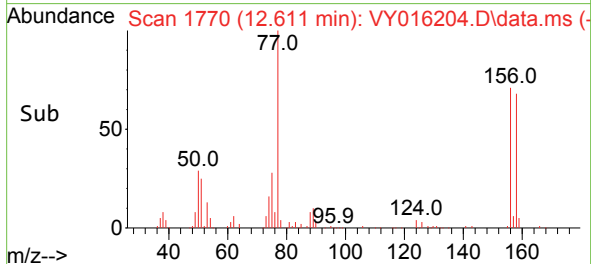
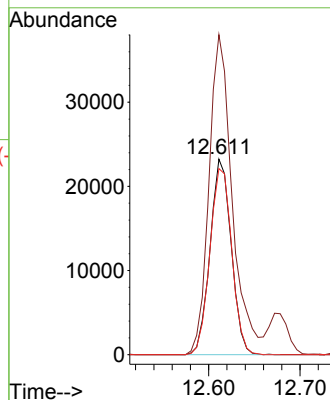
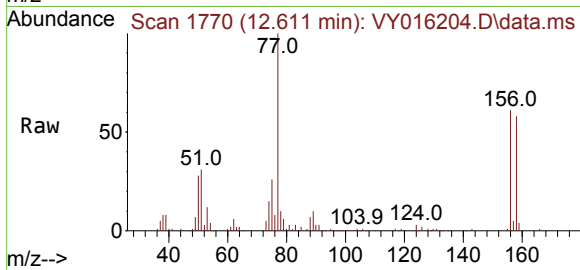
Tgt Ion:156 Resp: 37389

Ion Ratio Lower Upper

156 100

77 178.2 92.8 278.6

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 21.541 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016204.D

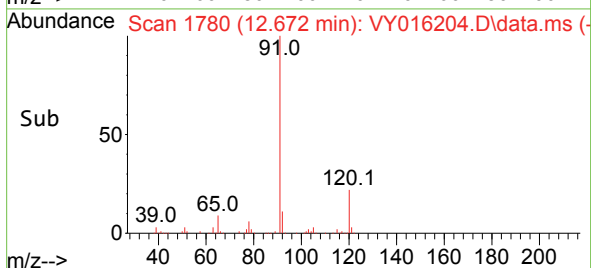
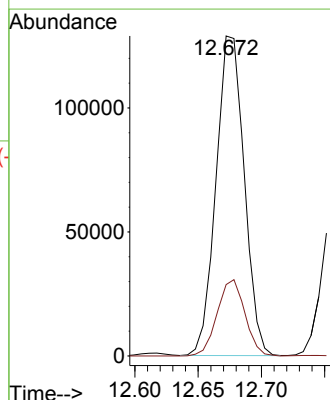
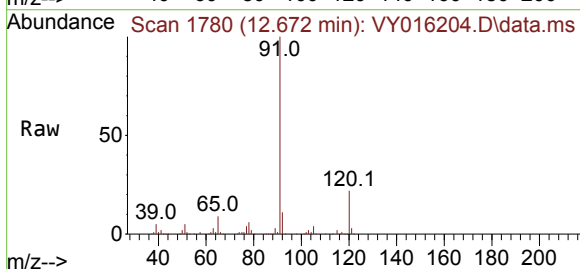
Acq: 03 Nov 2023 10:22

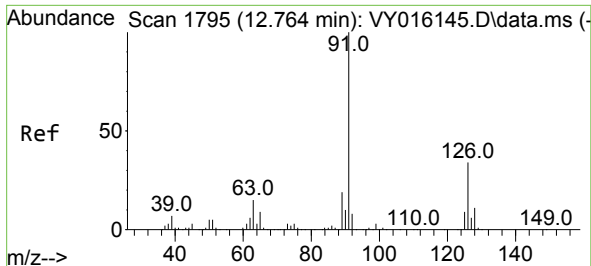
Tgt Ion: 91 Resp: 199834

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

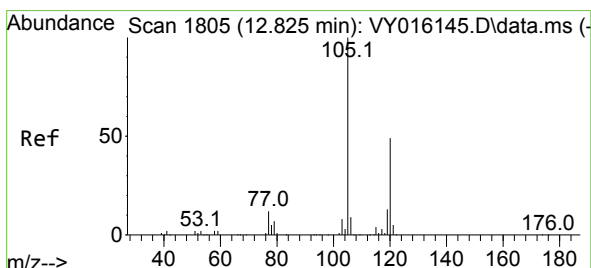
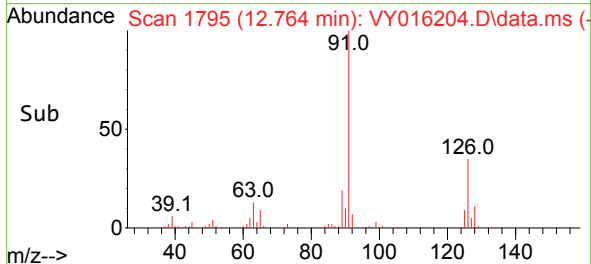
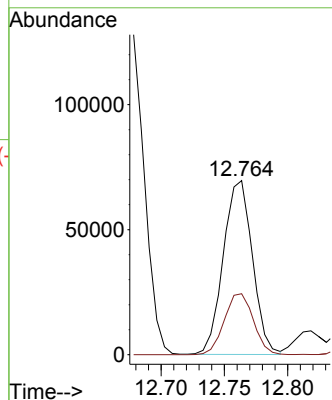
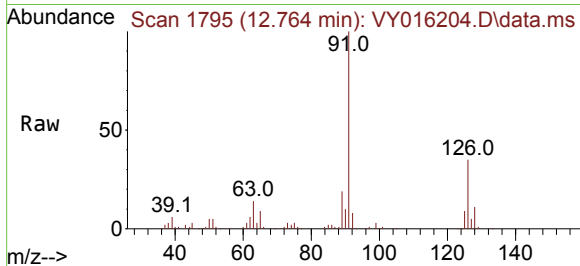




#79
2-Chlorotoluene
Concen: 21.593 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

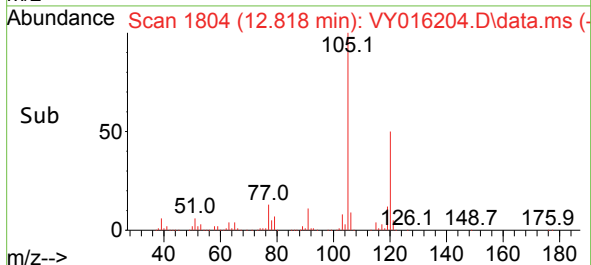
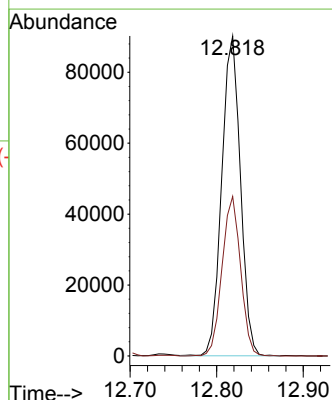
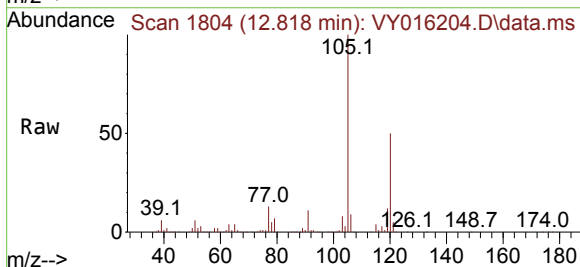
Instrument :
MSVOA_Y
ClientSampleId :

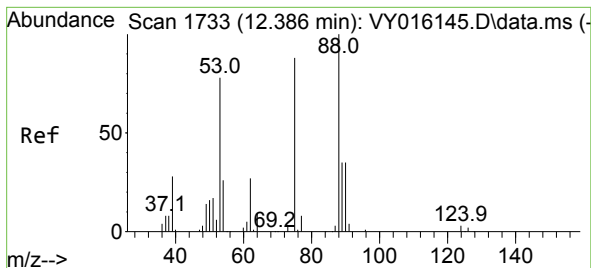
Tgt Ion: 91 Resp: 111730
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.237 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion:105 Resp: 135010
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

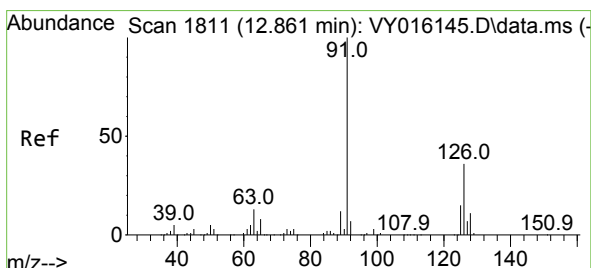
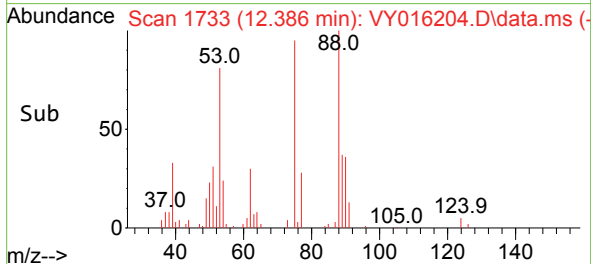
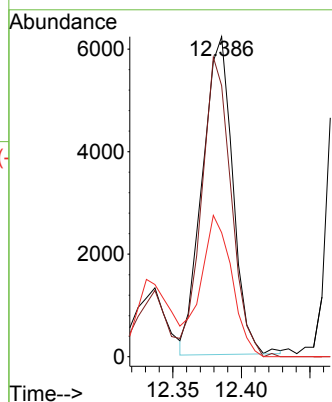
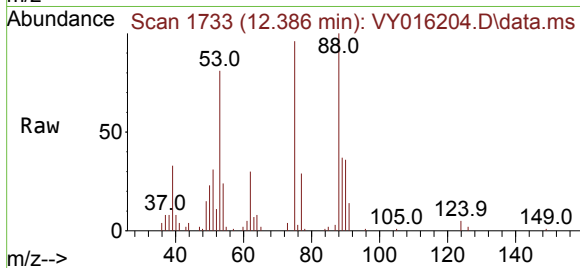




#81
trans-1,4-Dichloro-2-butene
Concen: 20.969 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

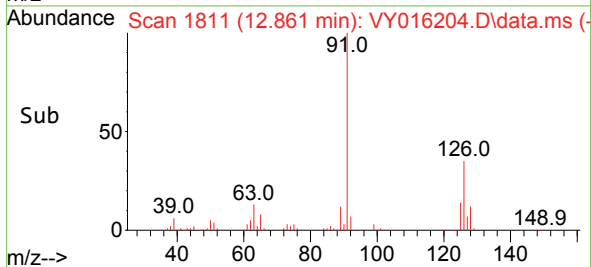
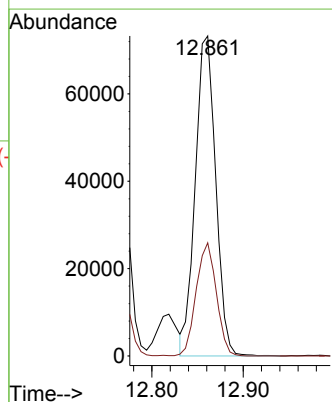
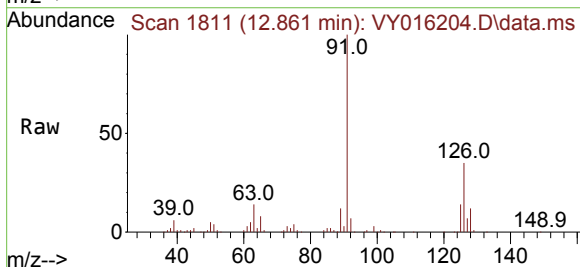
Instrument :
MSVOA_Y
ClientSampleId :

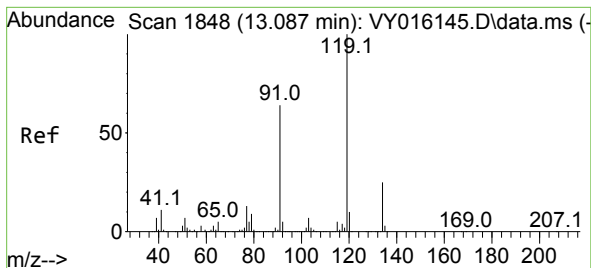
Tgt Ion: 75 Resp: 9527
Ion Ratio Lower Upper
75 100
53 91.3 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.469 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 91 Resp: 114071
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.120 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

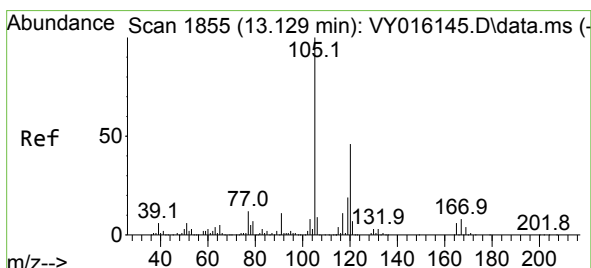
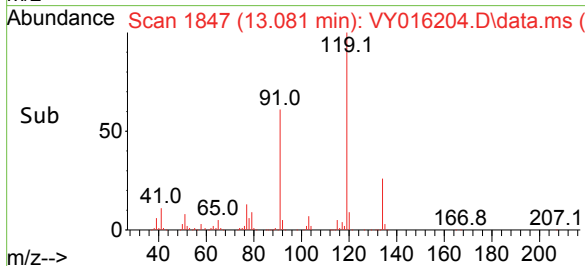
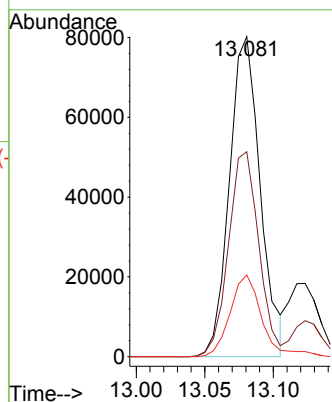
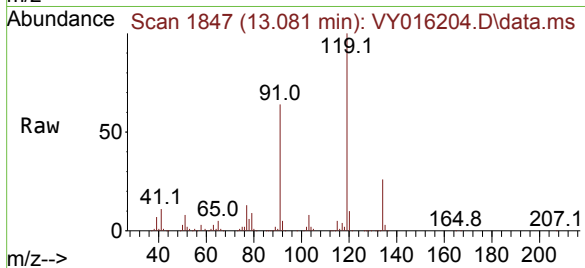
Tgt Ion:119 Resp: 125822

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.265 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016204.D

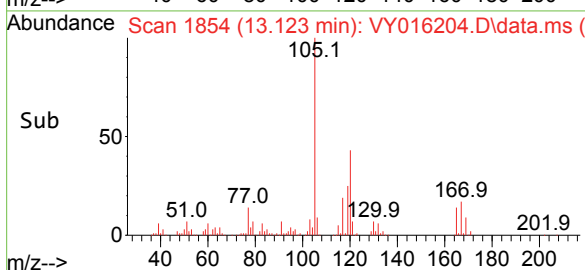
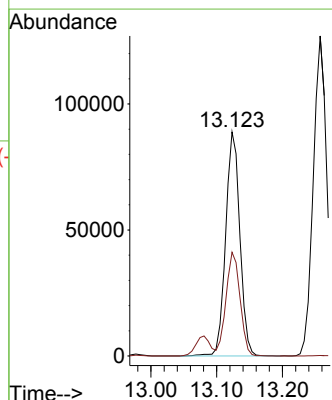
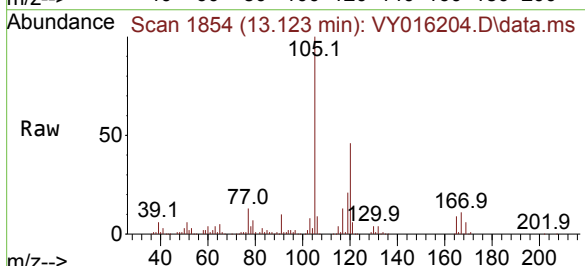
Acq: 03 Nov 2023 10:22

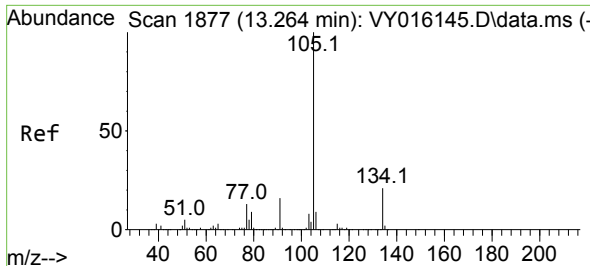
Tgt Ion:105 Resp: 133770

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6

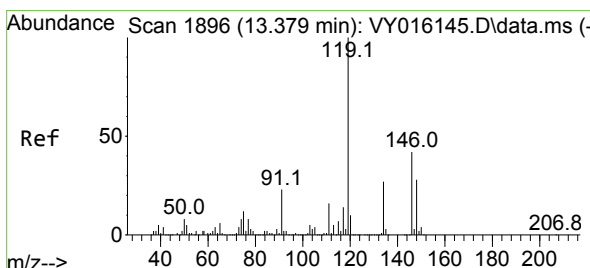
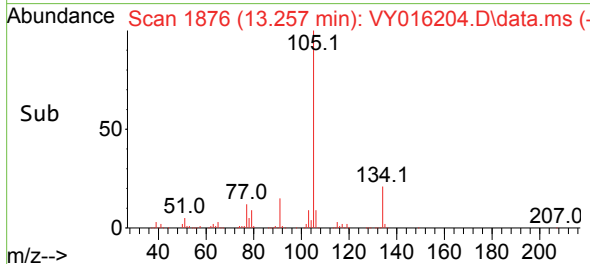
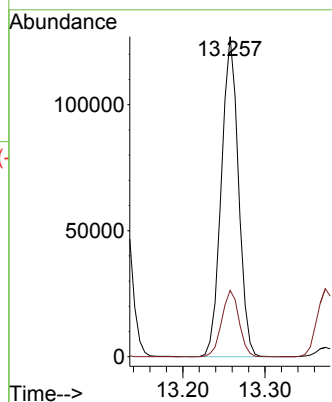
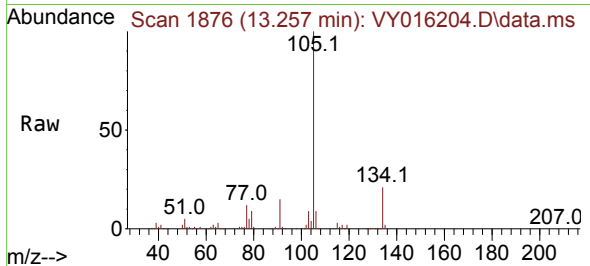




#85
 sec-Butylbenzene
 Concen: 21.970 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016204.D
 Acq: 03 Nov 2023 10:22

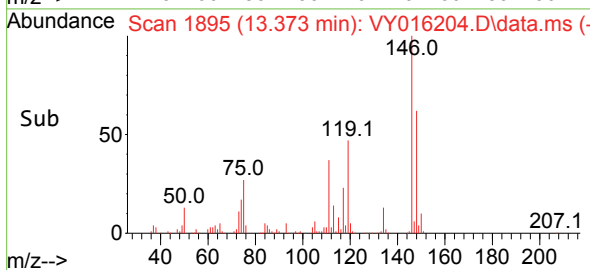
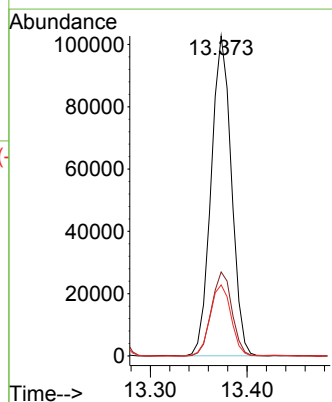
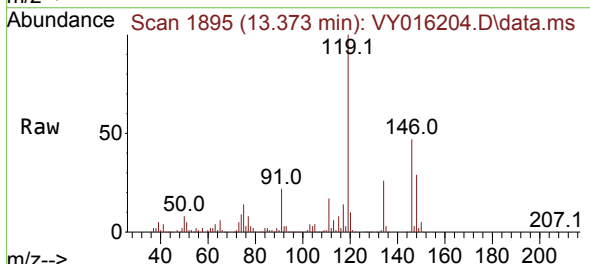
Instrument :
 MSVOA_Y
 ClientSampleId :

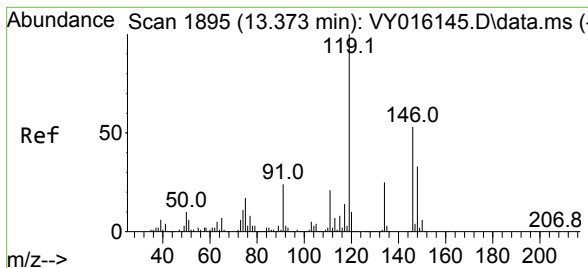
Tgt Ion:105 Resp: 183421
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 21.616 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016204.D
 Acq: 03 Nov 2023 10:22

Tgt Ion:119 Resp: 149570
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.318 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

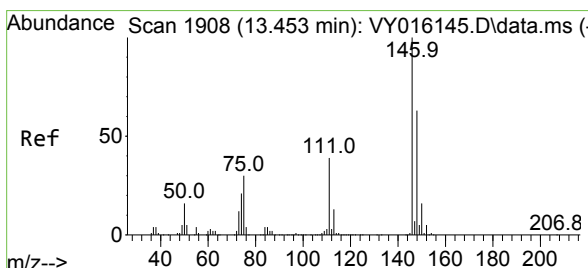
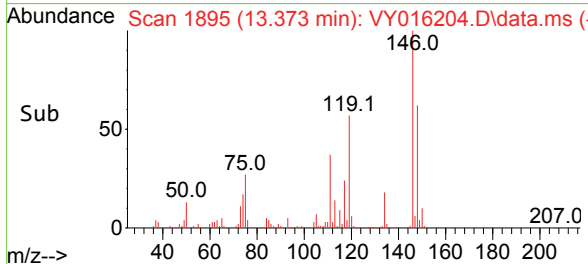
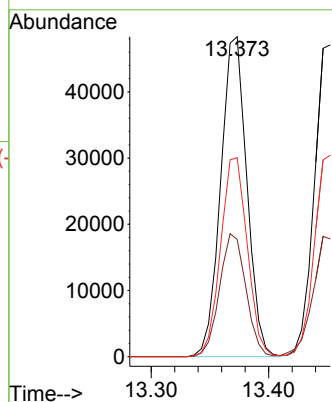
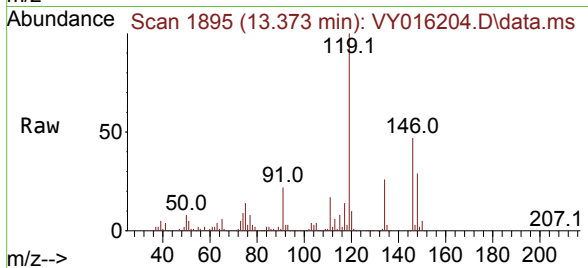
Tgt Ion:146 Resp: 74911

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.177 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

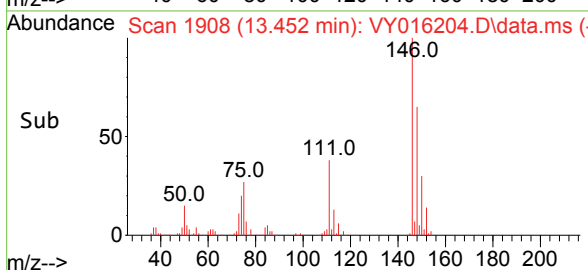
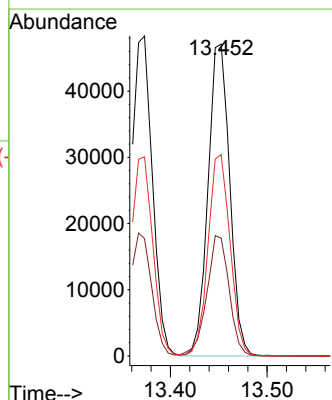
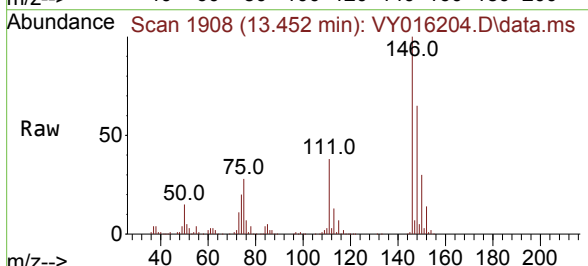
Tgt Ion:146 Resp: 73551

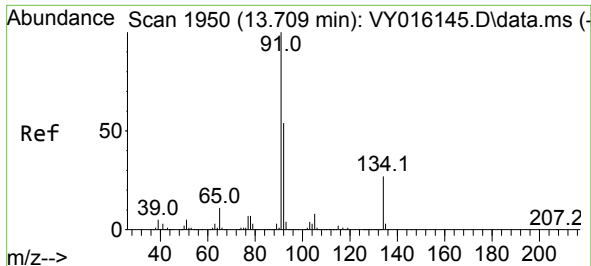
Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.556 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

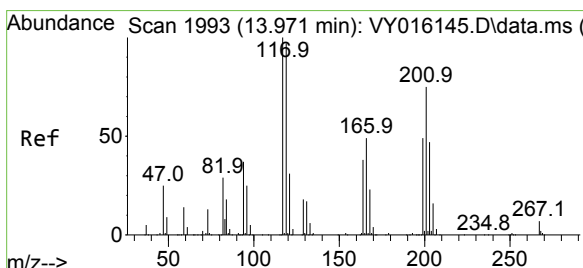
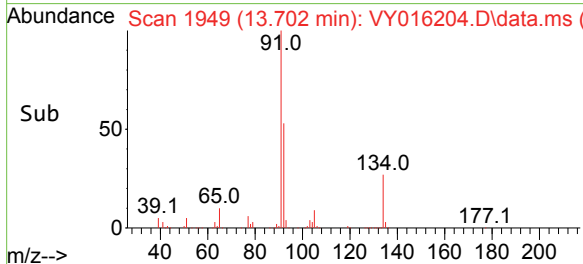
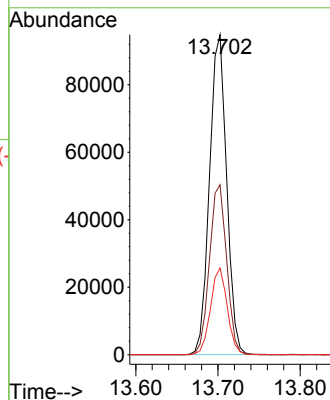
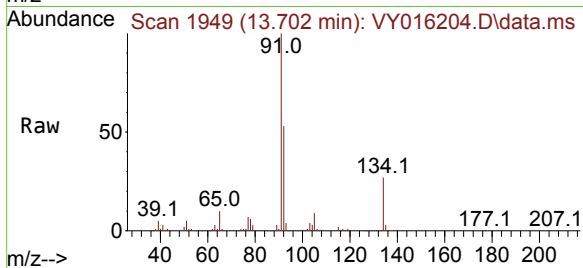
Tgt Ion: 91 Resp: 137050

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 23.064 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016204.D

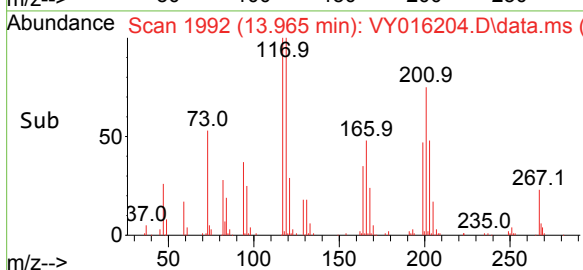
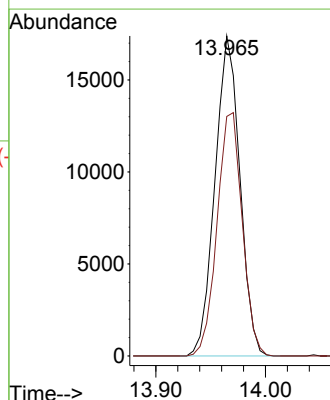
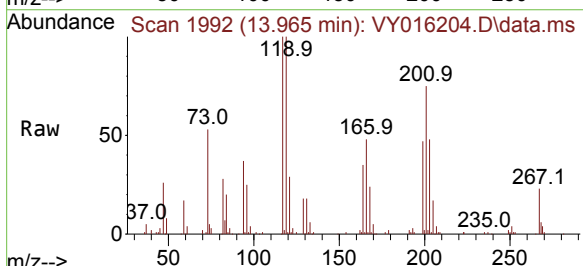
Acq: 03 Nov 2023 10:22

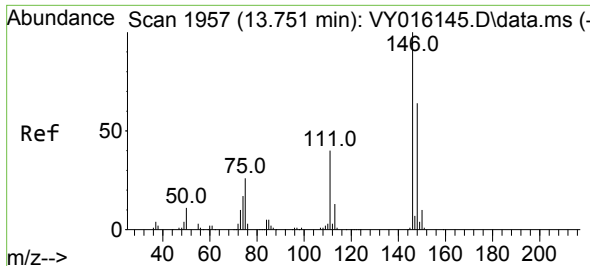
Tgt Ion: 117 Resp: 27502

Ion Ratio Lower Upper

117 100

201 76.8 41.6 124.8

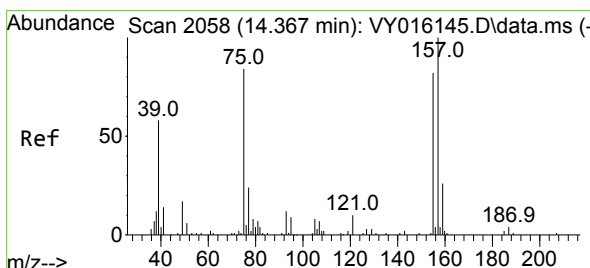
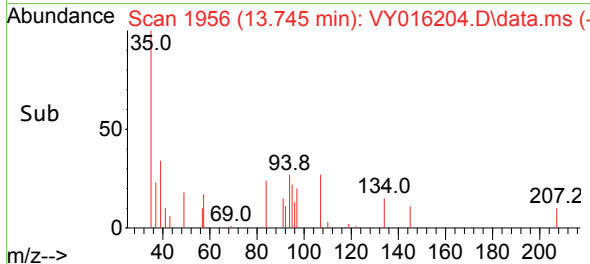
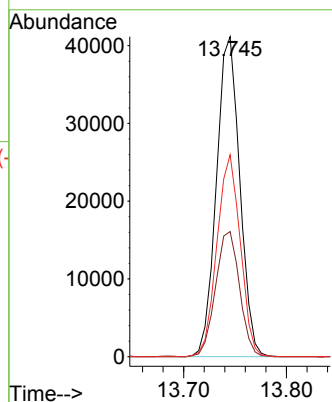
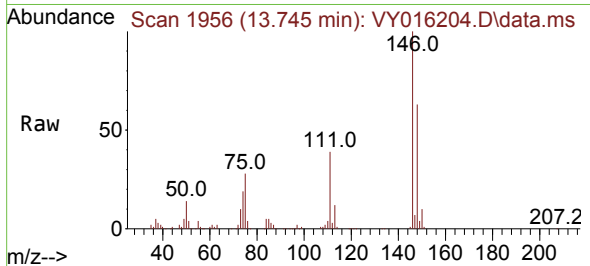




#91
1,2-Dichlorobenzene
Concen: 21.376 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

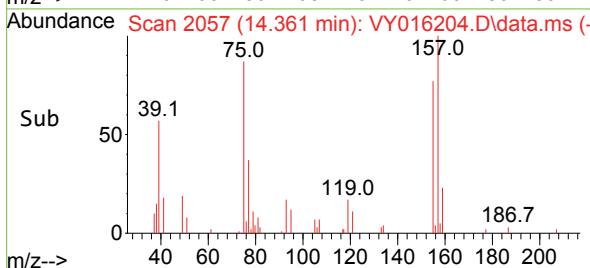
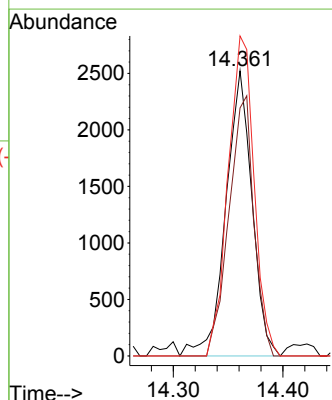
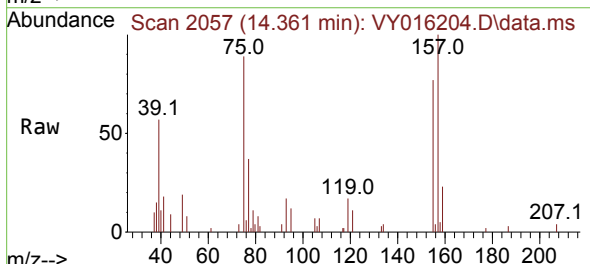
Instrument :
MSVOA_Y
ClientSampleId :

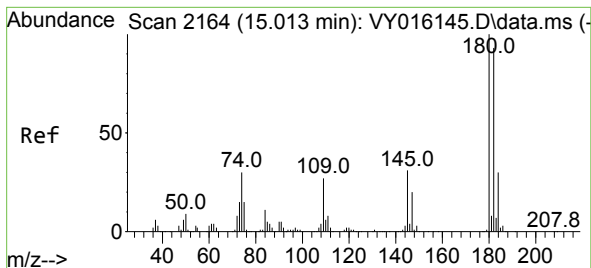
Tgt Ion:146 Resp: 64901
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 62.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.670 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion: 75 Resp: 4172
Ion Ratio Lower Upper
75 100
155 87.2 41.5 124.6
157 111.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.365 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

Instrument :

MSVOA_Y

ClientSampleId :

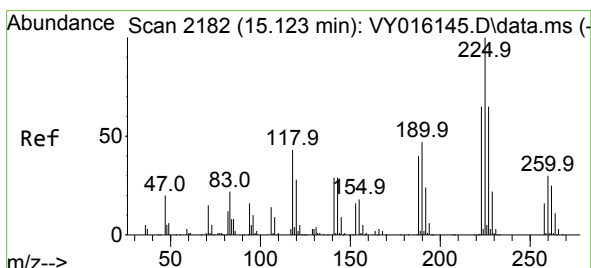
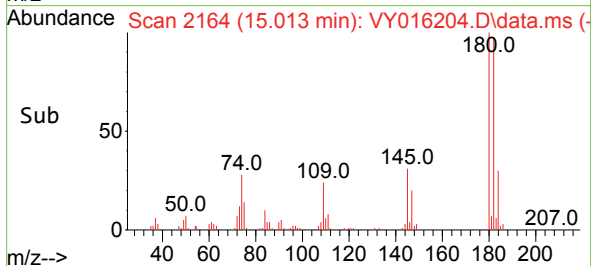
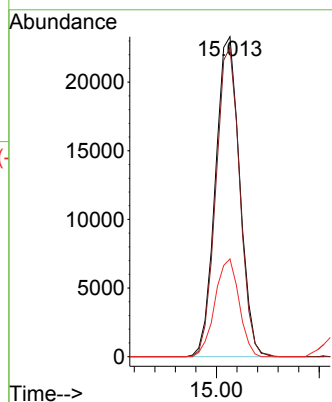
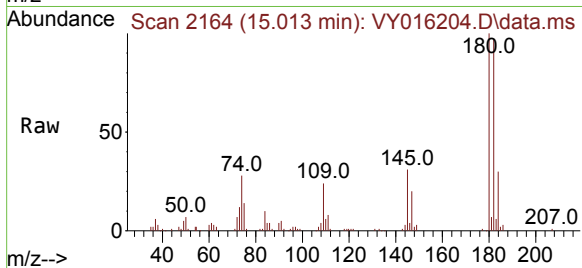
Tgt Ion:180 Resp: 38164

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.504 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016204.D

Acq: 03 Nov 2023 10:22

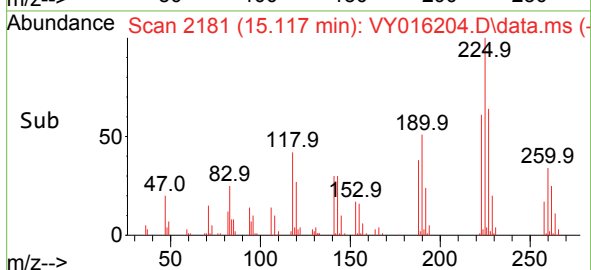
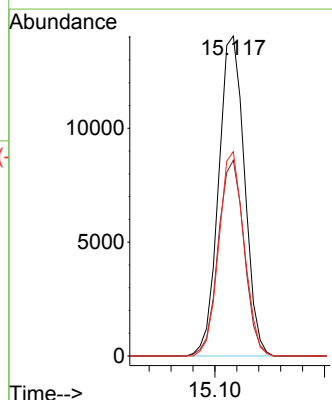
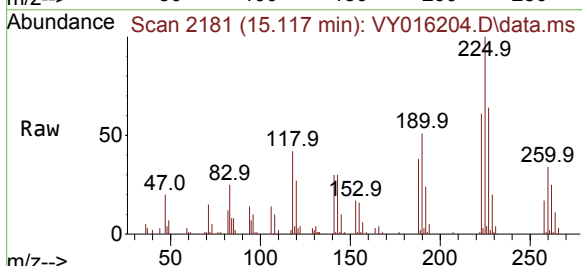
Tgt Ion:225 Resp: 23045

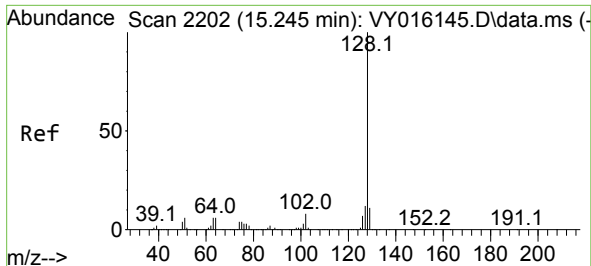
Ion Ratio Lower Upper

225 100

223 61.1 31.9 95.9

227 61.8 33.0 98.9

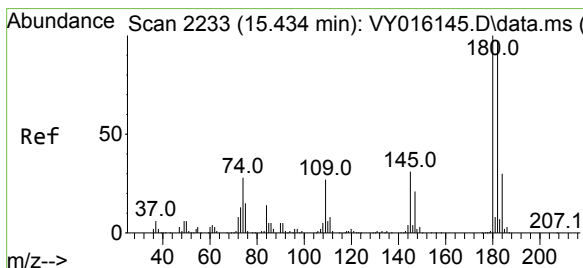
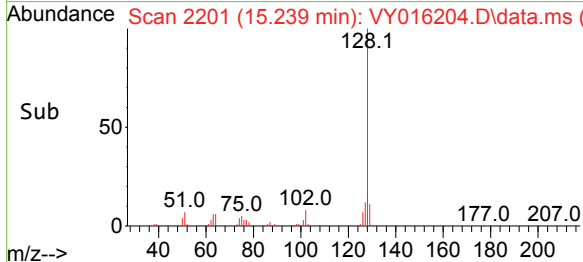
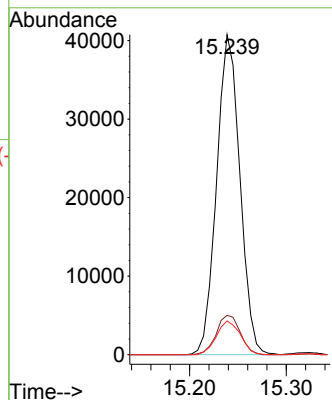
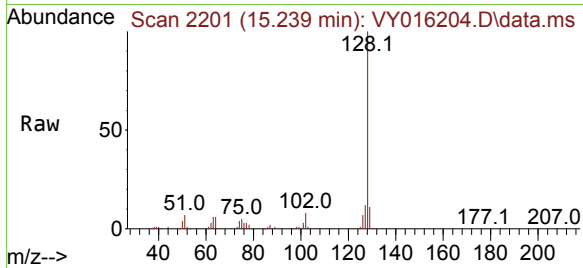




#95
Naphthalene
Concen: 18.690 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 68042
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.707 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016204.D
Acq: 03 Nov 2023 10:22

Tgt Ion:180 Resp: 31547
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 31.7 15.4 46.2

