

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016533.D
 Acq On : 29 Nov 2023 12:27
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	178139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.715	114	276412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	237320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	107951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	71293	50.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.320%
35) Dibromofluoromethane	7.746	113	81189	50.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.203	98	312699	49.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.501	95	99667	50.493	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	68415	44.089	ug/l	100
3) Chloromethane	2.131	50	71846	46.413	ug/l	97
4) Vinyl Chloride	2.272	62	81706	46.765	ug/l	95
5) Bromomethane	2.680	94	54362	48.066	ug/l	98
6) Chloroethane	2.820	64	51386	45.558	ug/l	96
7) Trichlorofluoromethane	3.156	101	142461	47.100	ug/l	99
8) Diethyl Ether	3.558	74	39595	49.287	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.936	101	80860	47.094	ug/l	97
10) Methyl Iodide	4.131	142	94009	48.395	ug/l	97
11) Tert butyl alcohol	4.991	59	21204	237.710	ug/l #	78
12) 1,1-Dichloroethene	3.905	96	77569	48.340	ug/l	83
13) Acrolein	3.759	56	46839	277.109	ug/l	98
14) Allyl chloride	4.521	41	90944	49.299	ug/l #	87
15) Acrylonitrile	5.204	53	73913	260.000	ug/l	96
16) Acetone	3.979	43	60208	219.617	ug/l #	82
17) Carbon Disulfide	4.228	76	220503	48.706	ug/l	100
18) Methyl Acetate	4.509	43	55648	53.417	ug/l #	81
19) Methyl tert-butyl Ether	5.259	73	179042	51.200	ug/l	95
20) Methylene Chloride	4.753	84	81612	49.566	ug/l #	79
21) trans-1,2-Dichloroethene	5.265	96	86400	48.343	ug/l	88
22) Diisopropyl ether	6.155	45	193983	50.149	ug/l #	84
23) Vinyl Acetate	6.094	43	455727	255.482	ug/l #	87
24) 1,1-Dichloroethane	6.057	63	132042	48.370	ug/l	96
25) 2-Butanone	7.021	43	87456	230.321	ug/l #	82
26) 2,2-Dichloropropane	7.015	77	128647	47.682	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	94566	49.250	ug/l	86
28) Bromochloromethane	7.368	49	49492	50.165	ug/l #	65
29) Tetrahydrofuran	7.380	42	54095	265.186	ug/l #	77
30) Chloroform	7.539	83	147302	48.413	ug/l	93
31) Cyclohexane	7.813	56	113105	45.777	ug/l #	84
32) 1,1,1-Trichloroethane	7.734	97	140053	47.500	ug/l	94
36) 1,1-Dichloropropene	7.947	75	113585	47.413	ug/l	97
37) Ethyl Acetate	7.106	43	38292	50.998	ug/l #	90
38) Carbon Tetrachloride	7.929	117	131608	46.806	ug/l	99
39) Methylcyclohexane	9.209	83	142126	47.564	ug/l	87
40) Benzene	8.191	78	323110	47.569	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	19103	46.022	ug/l #	86
42) 1,2-Dichloroethane	8.264	62	82387	48.946	ug/l	91
43) Isopropyl Acetate	8.301	43	75497	51.133	ug/l #	82
44) Trichloroethene	8.965	130	100795	48.177	ug/l	92
45) 1,2-Dichloropropane	9.240	63	73156	47.730	ug/l	98
46) Dibromomethane	9.331	93	42766	49.622	ug/l	98
47) Bromodichloromethane	9.520	83	109804	48.256	ug/l	97
48) Methyl methacrylate	9.313	41	42951	51.816	ug/l #	78
49) 1,4-Dioxane	9.325	88	8012	1003.922	ug/l #	72
51) 4-Methyl-2-Pentanone	10.093	43	195490	253.802	ug/l #	83
52) Toluene	10.270	92	210146	48.162	ug/l	94
53) t-1,3-Dichloropropene	10.490	75	105166	49.877	ug/l	100
54) cis-1,3-Dichloropropene	9.953	75	126722	49.596	ug/l #	84
55) 1,1,2-Trichloroethane	10.666	97	61478	49.435	ug/l	93
56) Ethyl methacrylate	10.532	69	54762	52.034	ug/l #	73
57) 1,3-Dichloropropane	10.813	76	99548	49.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	175967	270.388	ug/l #	86
59) 2-Hexanone	10.855	43	140979	231.715	ug/l	80
60) Dibromochloromethane	11.008	129	81141	49.917	ug/l	100
61) 1,2-Dibromoethane	11.111	107	58874	50.131	ug/l	100
64) Tetrachloroethene	10.746	164	99410	47.068	ug/l	97
65) Chlorobenzene	11.538	112	225608	47.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	87376	47.958	ug/l	100
67) Ethyl Benzene	11.611	91	398971	47.822	ug/l	96
68) m/p-Xylenes	11.727	106	308473	95.539	ug/l	93
69) o-Xylene	12.050	106	144283	48.676	ug/l	95
70) Styrene	12.069	104	210391	49.331	ug/l	96
71) Bromoform	12.227	173	46827	49.759	ug/l #	100
73) Isopropylbenzene	12.349	105	396954	48.489	ug/l	99
74) N-amyl acetate	12.166	43	60026	51.921	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.605	83	60908	50.121	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	79835	87.791	ug/l #	100
77) Bromobenzene	12.629	156	92216	48.377	ug/l	87
78) n-propylbenzene	12.690	91	450446	48.095	ug/l	97
79) 2-Chlorotoluene	12.776	91	248906	47.782	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	319458	48.544	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	20994	50.516	ug/l #	86
82) 4-Chlorotoluene	12.873	91	255087	47.693	ug/l	97
83) tert-Butylbenzene	13.093	119	288868	48.640	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	310320	48.435	ug/l	96
85) sec-Butylbenzene	13.276	105	398142	48.472	ug/l	98
86) p-Isopropyltoluene	13.391	119	345235	48.646	ug/l	97
87) 1,3-Dichlorobenzene	13.385	146	172730	47.989	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	166849	47.360	ug/l	99
89) n-Butylbenzene	13.715	91	306684	49.302	ug/l	95
90) Hexachloroethane	13.983	117	66025	47.683	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	147638	48.399	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8525	49.866	ug/l	75
93) 1,2,4-Trichlorobenzene	15.025	180	86853	46.722	ug/l	99
94) Hexachlorobutadiene	15.129	225	52296	49.501	ug/l	99
95) Naphthalene	15.257	128	150413	45.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	69004	45.671	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 30 02:51:41 2023
Response via : Initial Calibration

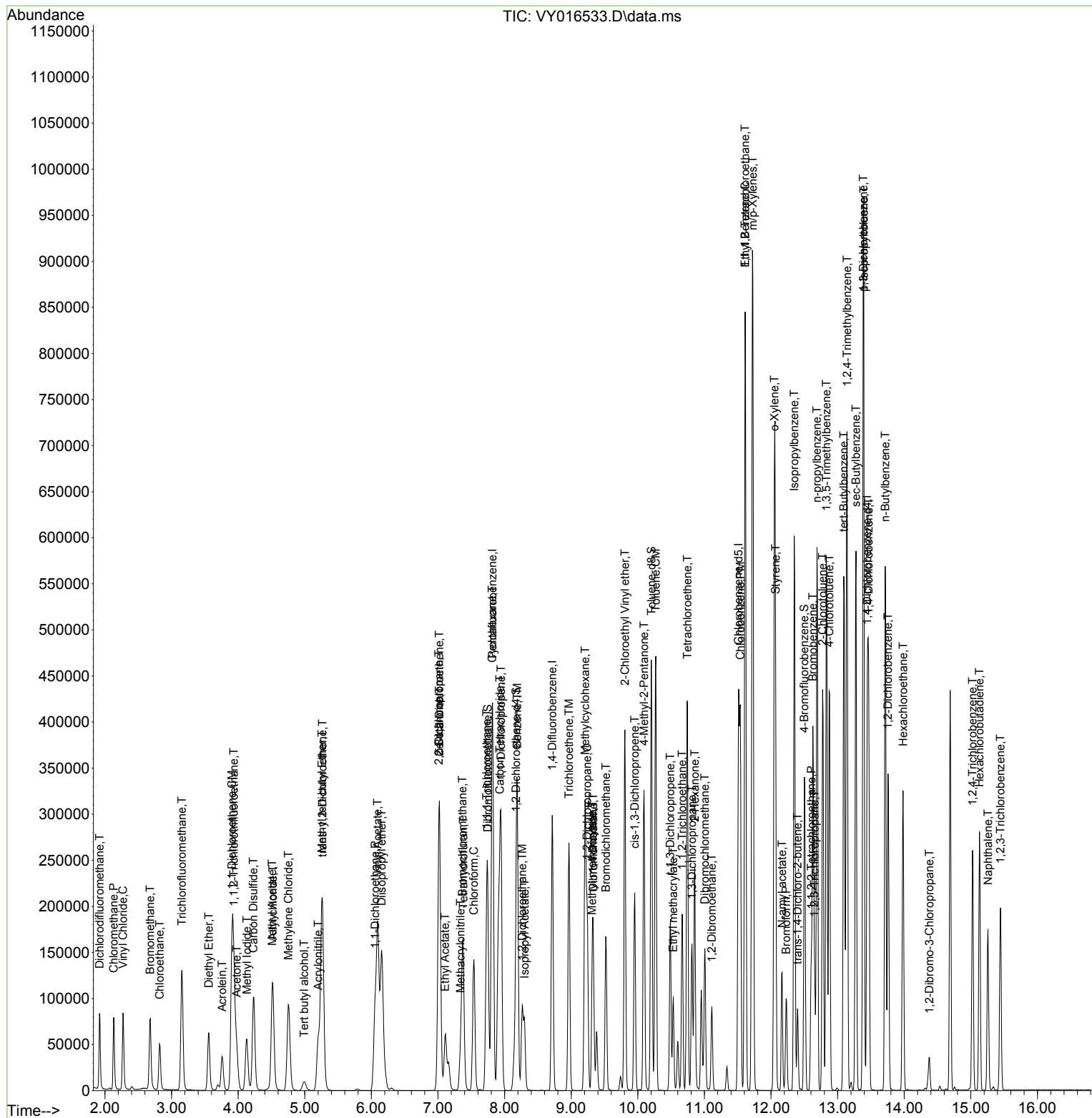
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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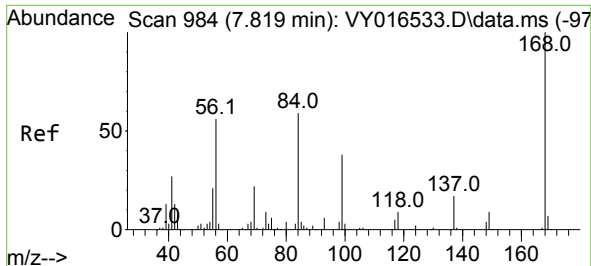
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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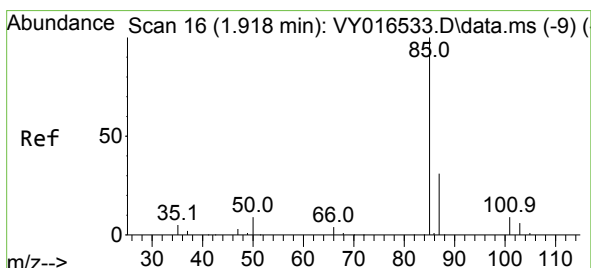
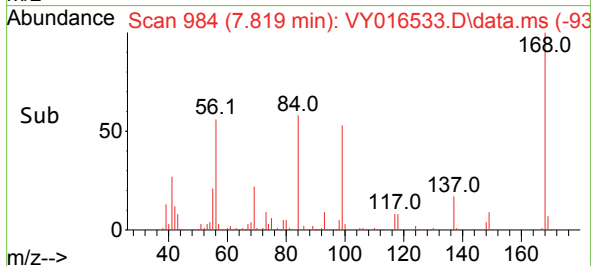
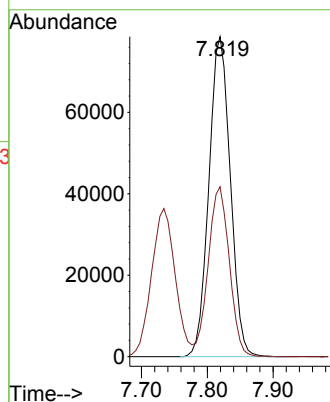
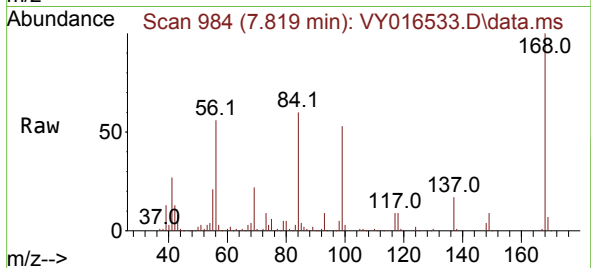




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016533.D
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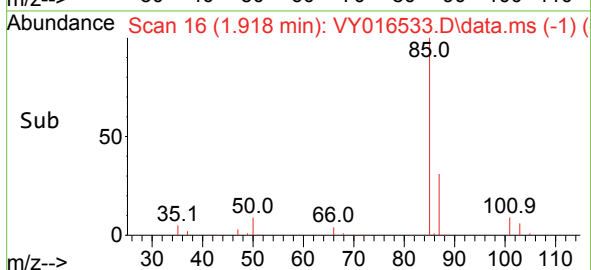
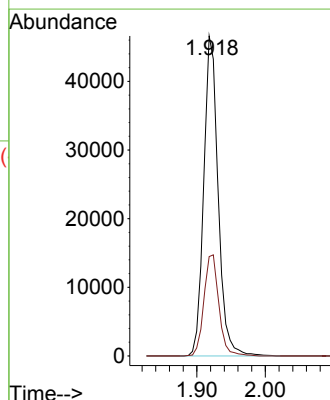
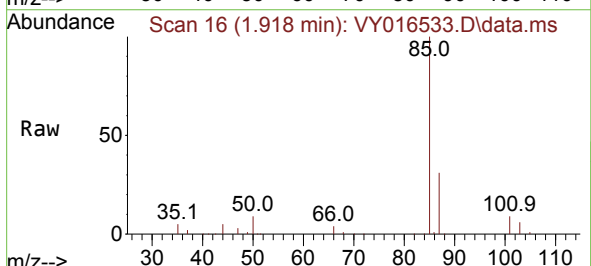
Instrument :
MSVOA_Y
ClientSampleId :

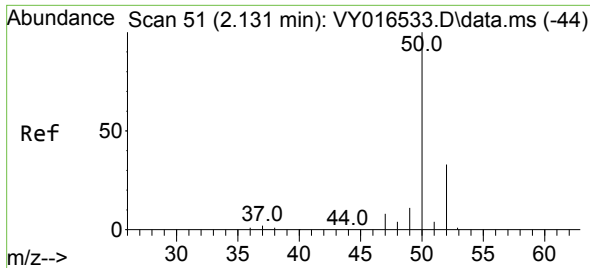
Tgt Ion:168 Resp: 178139
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.089 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 85 Resp: 68415
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.8



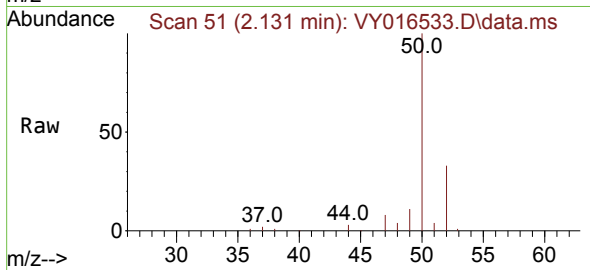


#3
 Chloromethane
 Concen: 46.413 ug/l
 RT: 2.131 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

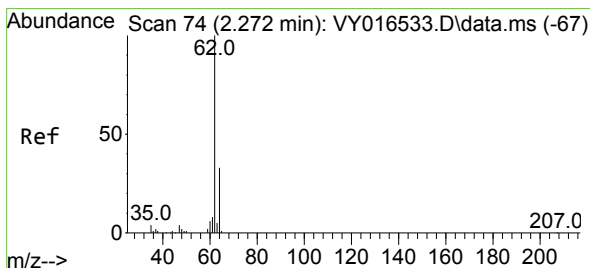
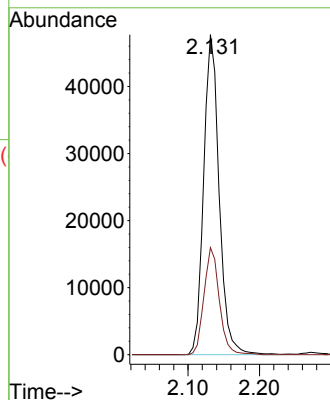
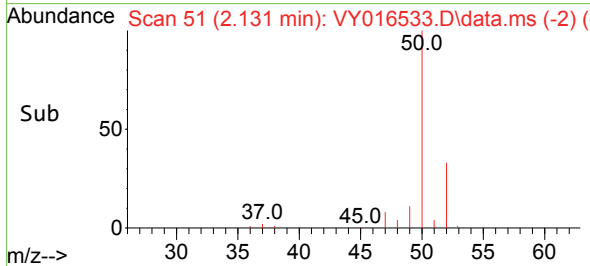
Instrument :

MSVOA_Y

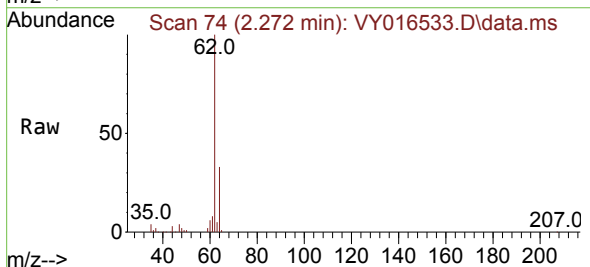
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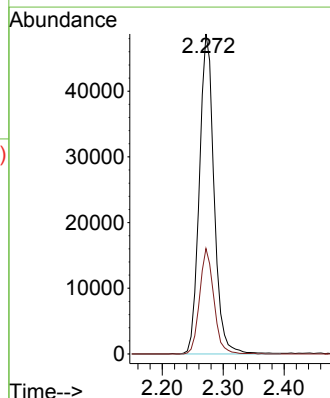
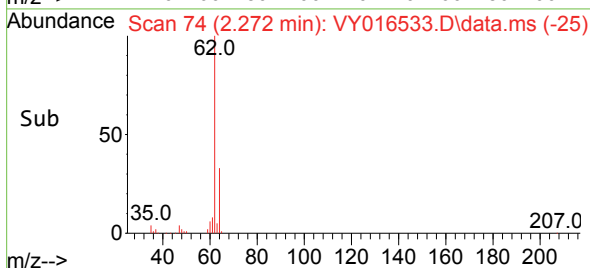
Tgt Ion: 50 Resp: 71846
 Ion Ratio Lower Upper
 50 100
 52 33.5 25.4 38.2

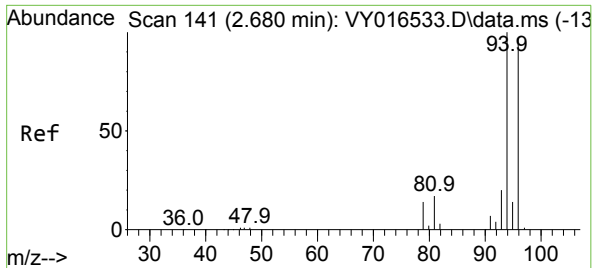


#4
 Vinyl Chloride
 Concen: 46.765 ug/l
 RT: 2.272 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27



Tgt Ion: 62 Resp: 81706
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.3 36.5

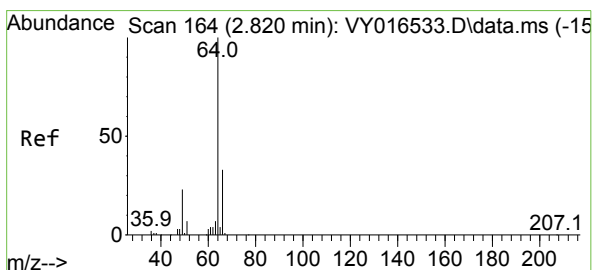
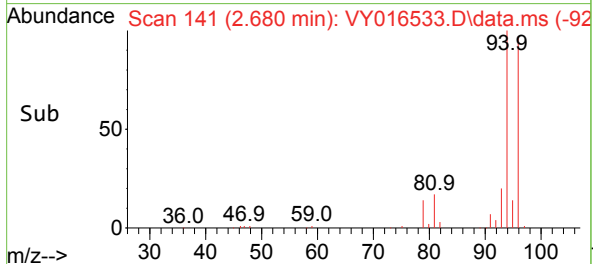
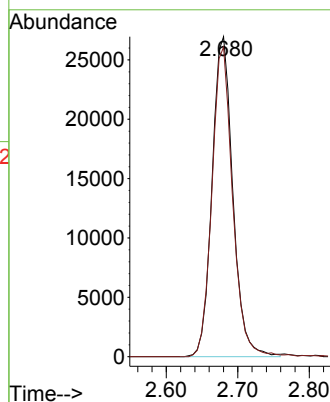
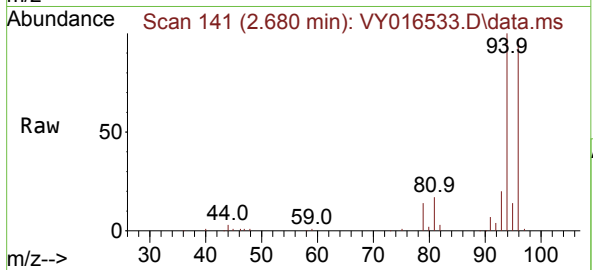




#5
Bromomethane
Concen: 48.066 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.000 min
Lab File: VY016533.D
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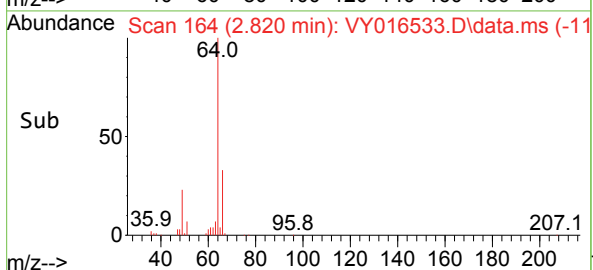
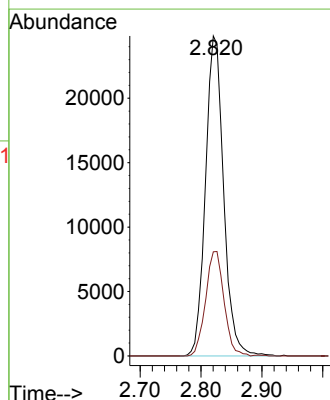
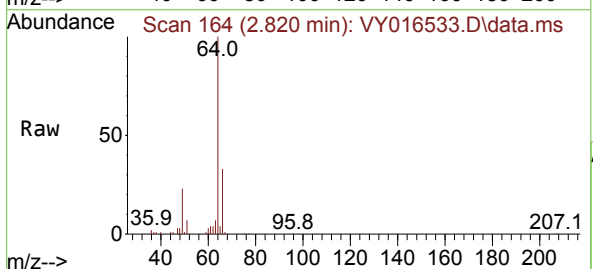
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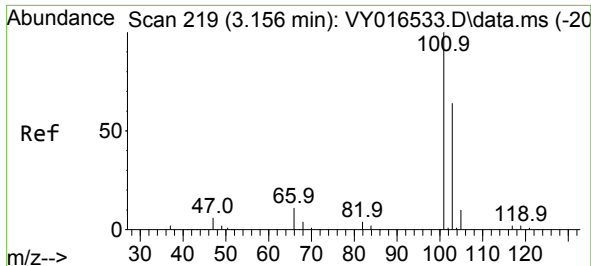
Tgt Ion: 94 Resp: 54362
Ion Ratio Lower Upper
94 100
96 96.8 75.8 113.6



#6
Chloroethane
Concen: 45.558 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.000 min
Lab File: VY016533.D
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Tgt Ion: 64 Resp: 51386
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

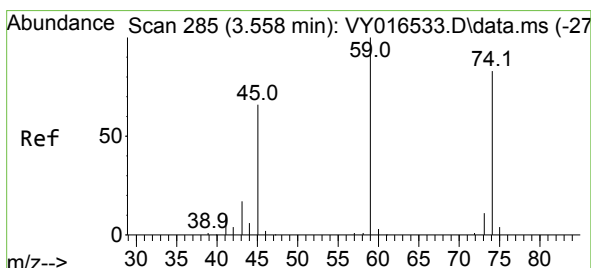
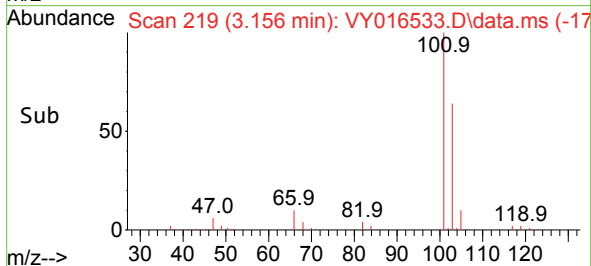
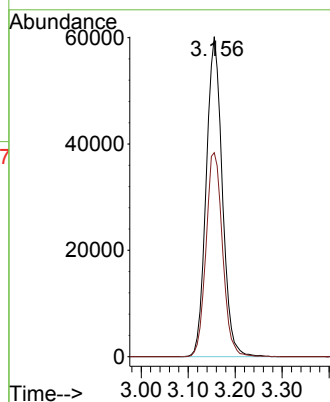
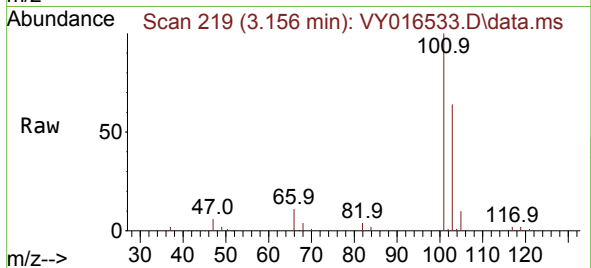




#7
Trichlorofluoromethane
Concen: 47.100 ug/l
RT: 3.156 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

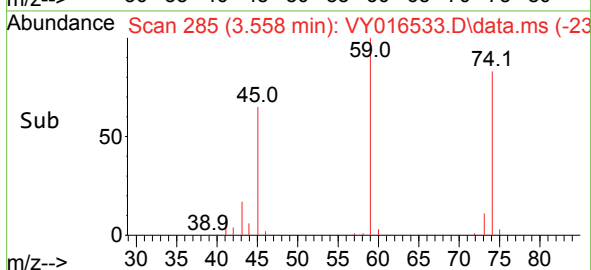
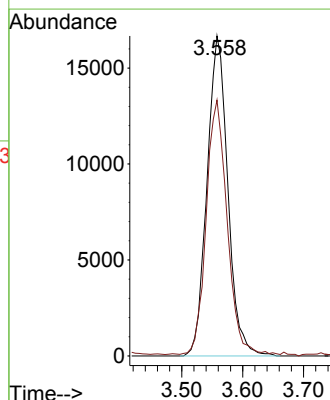
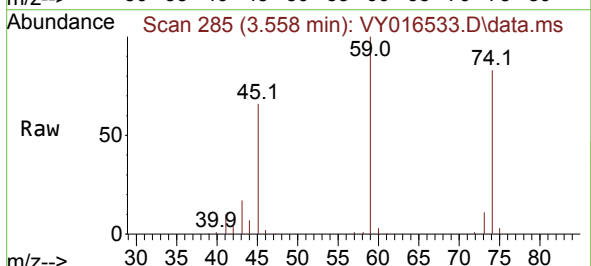
Instrument :
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ClientSampleId :

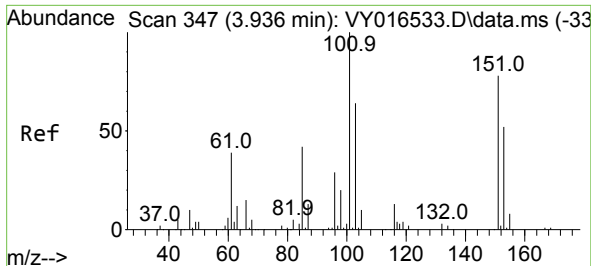
Tgt Ion:101 Resp: 142461
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 49.287 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY016533.D
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Tgt Ion: 74 Resp: 39595
Ion Ratio Lower Upper
74 100
45 79.8 51.5 154.5

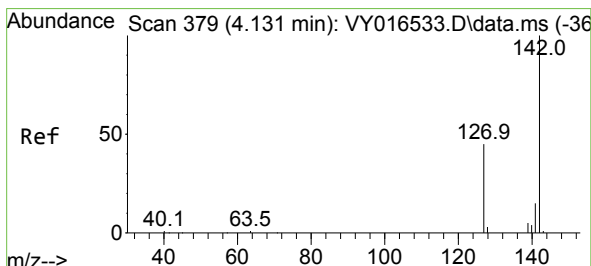
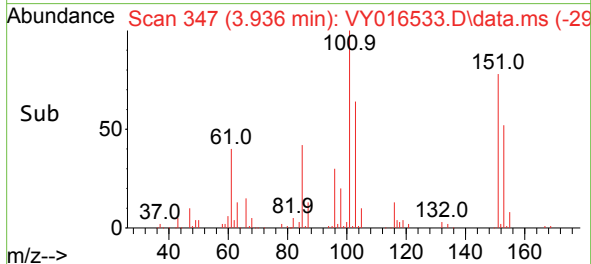
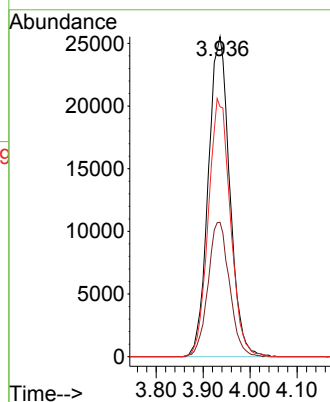
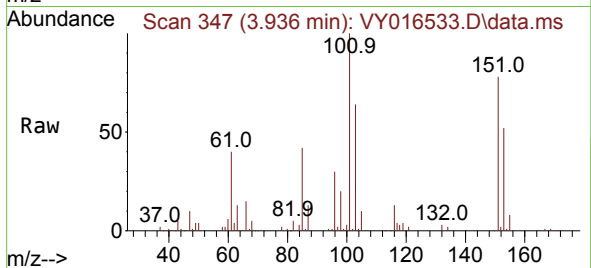




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.094 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

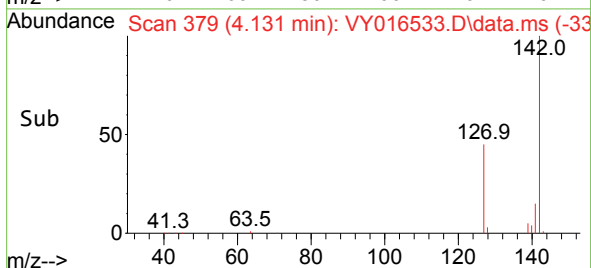
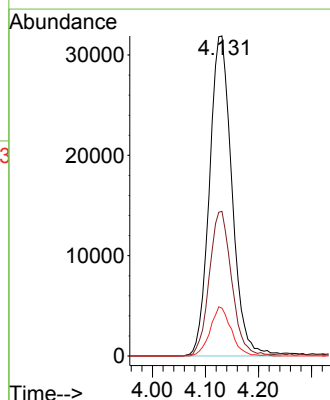
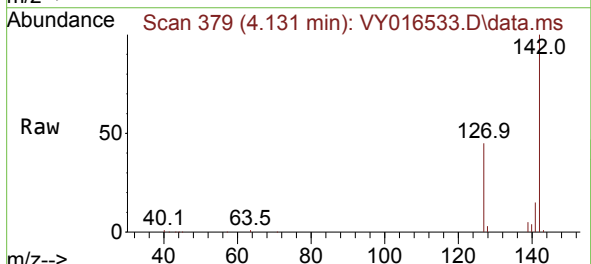
Instrument :
MSVOA_Y
ClientSampleId :

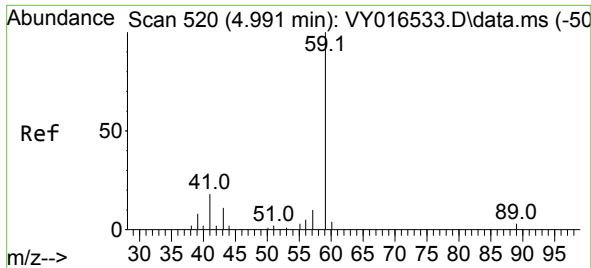
Tgt Ion:101 Resp: 80860
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 82.8 67.0 100.6



#10
Methyl Iodide
Concen: 48.395 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:142 Resp: 94009
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.3 11.8 17.8

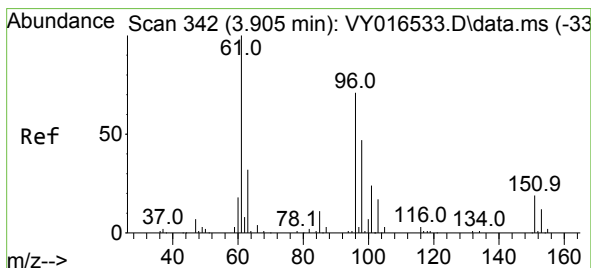
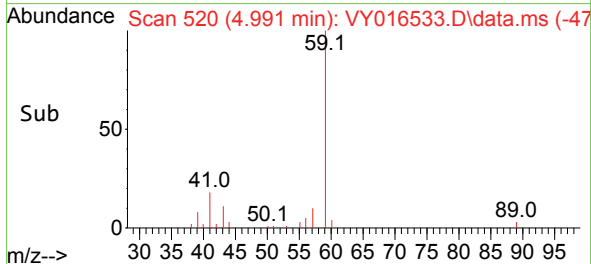
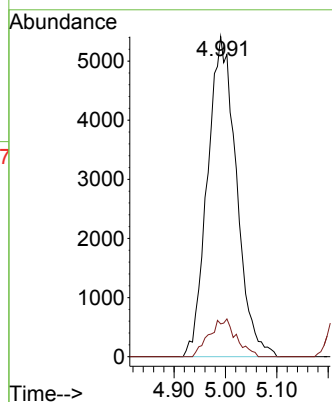
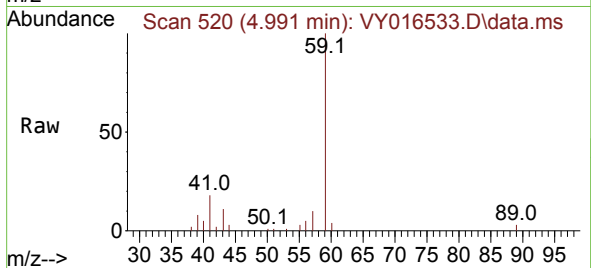




#11
Tert butyl alcohol
Concen: 237.710 ug/l
RT: 4.991 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

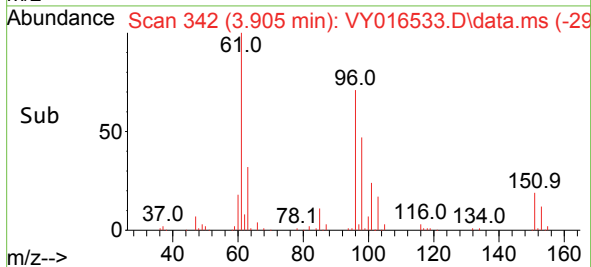
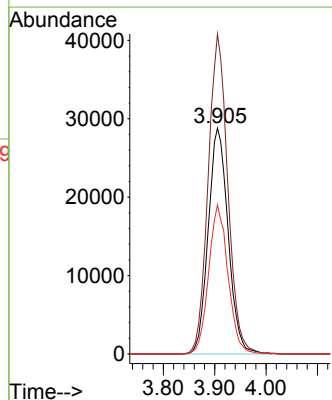
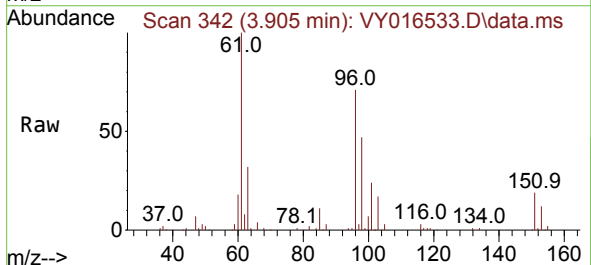
Instrument :
MSVOA_Y
ClientSampleId :

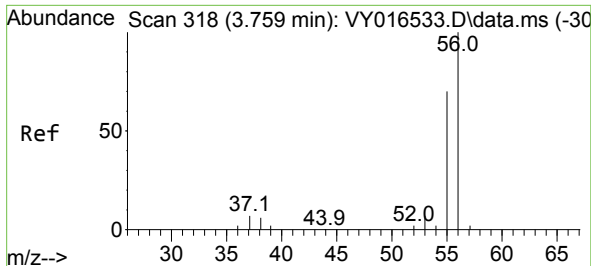
Tgt Ion: 59 Resp: 21204
Ion Ratio Lower Upper
59 100
57 11.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.340 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 96 Resp: 77569
Ion Ratio Lower Upper
96 100
61 141.7 136.4 204.6
98 66.0 49.4 74.2





#13

Acrolein

Concen: 277.109 ug/l

RT: 3.759 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

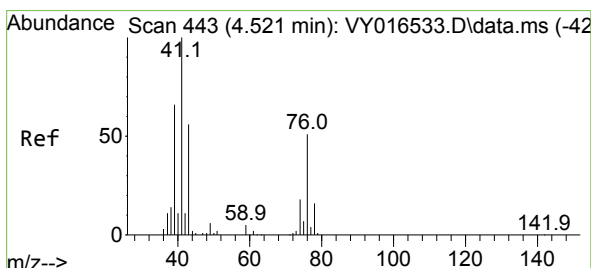
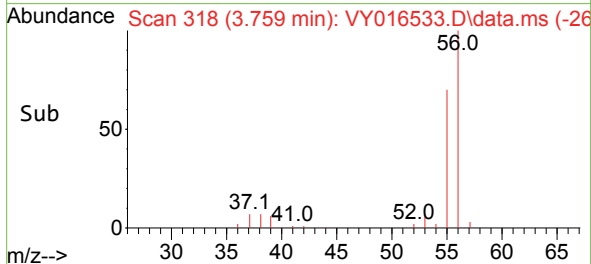
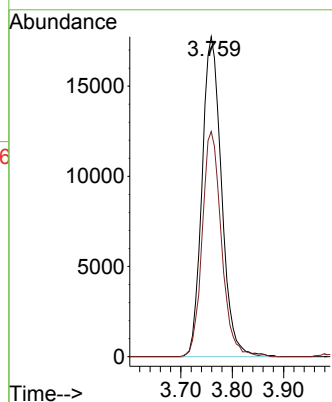
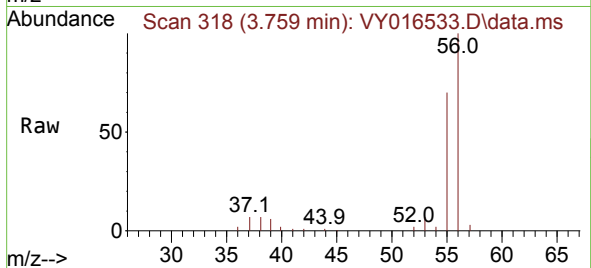
ClientSampleId :

Tgt Ion: 56 Resp: 46839

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



#14

Allyl chloride

Concen: 49.299 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

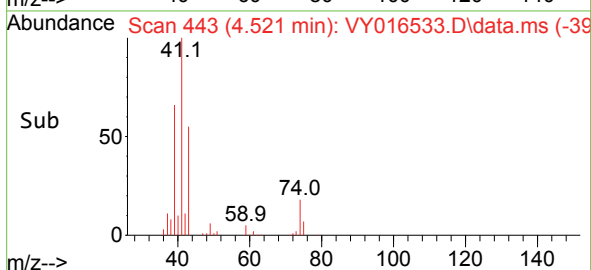
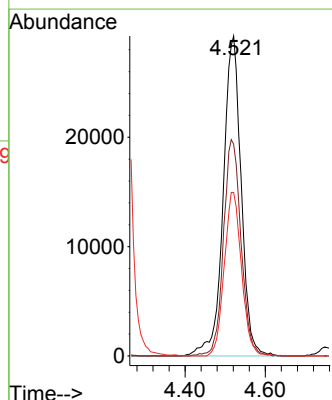
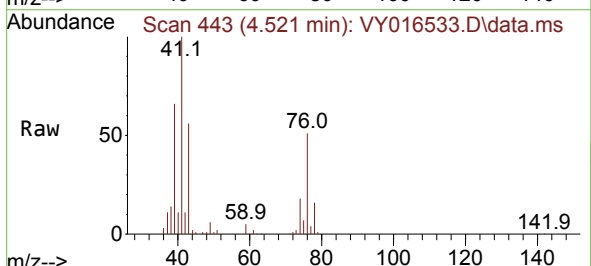
Tgt Ion: 41 Resp: 90944

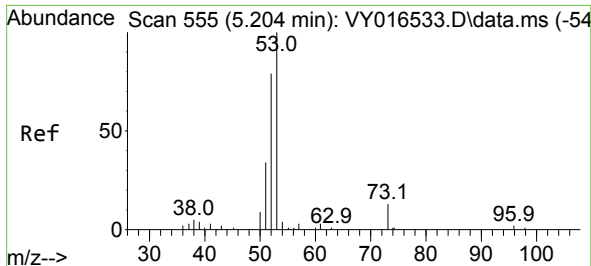
Ion Ratio Lower Upper

41 100

39 66.3 58.0 87.0

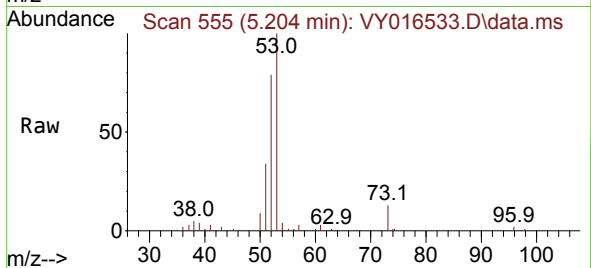
76 49.1 27.4 41.2#



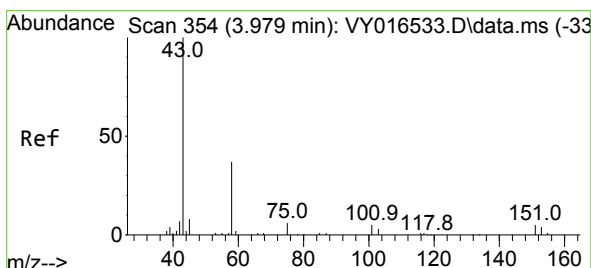
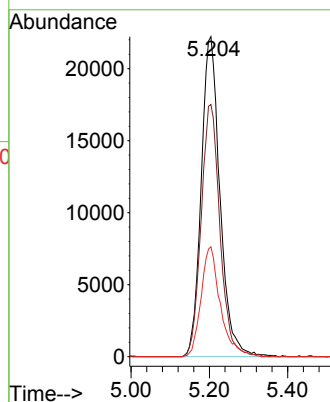
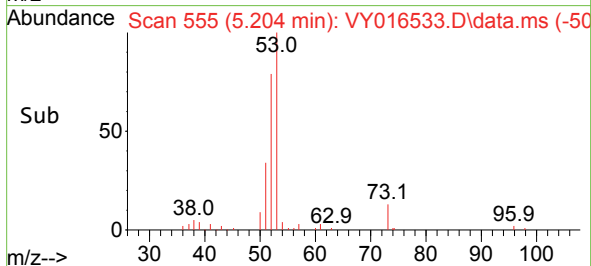


#15
Acrylonitrile
Concen: 260.000 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Instrument :
MSVOA_Y
ClientSampleId :

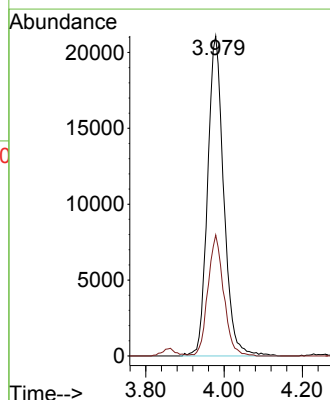
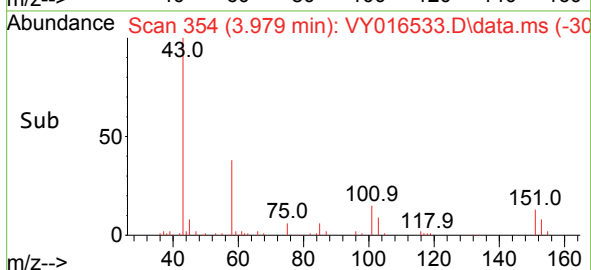
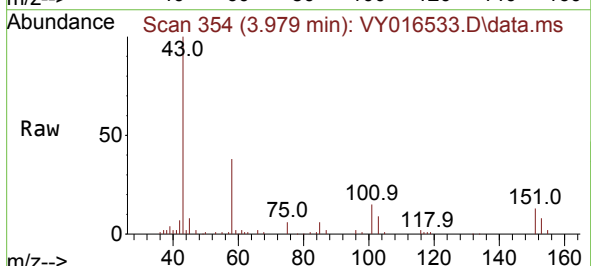


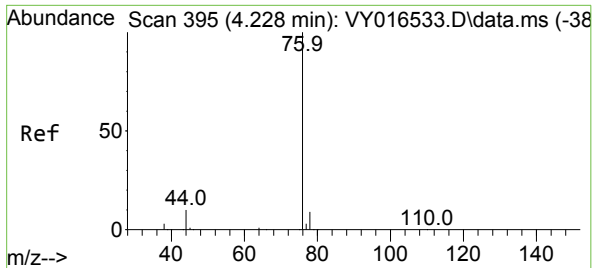
Tgt Ion: 53 Resp: 73913
Ion Ratio Lower Upper
53 100
52 79.0 66.9 100.3
51 35.4 29.8 44.6



#16
Acetone
Concen: 219.617 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 43 Resp: 60208
Ion Ratio Lower Upper
43 100
58 37.8 22.7 34.1#

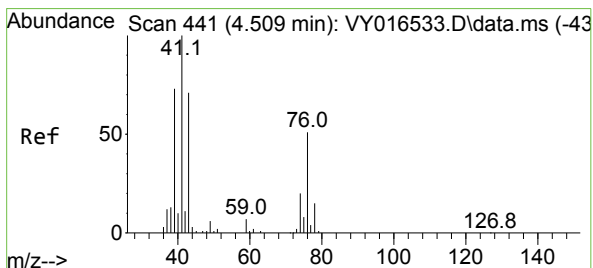
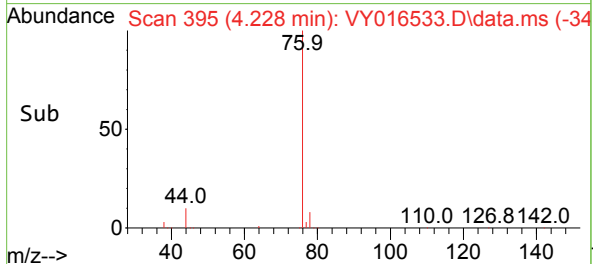
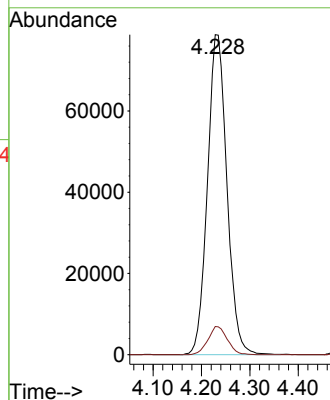
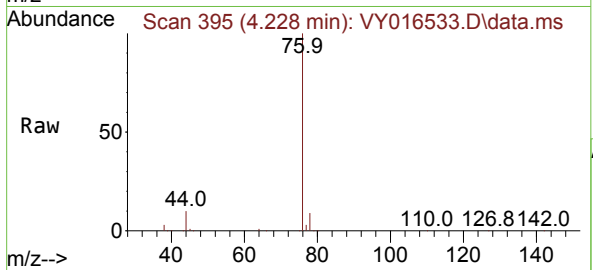




#17
Carbon Disulfide
Concen: 48.706 ug/l
RT: 4.228 min Scan# 395
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

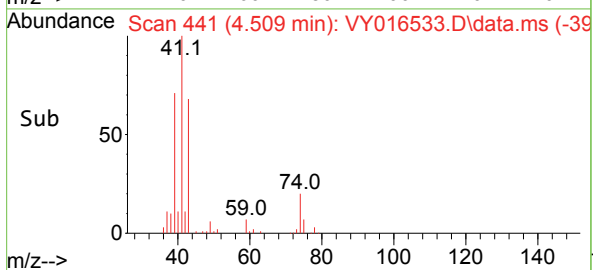
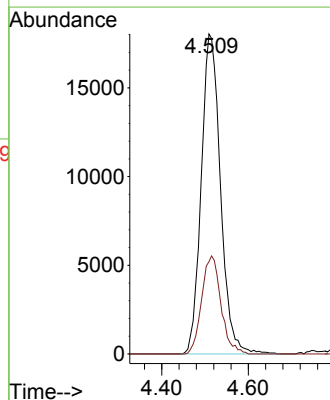
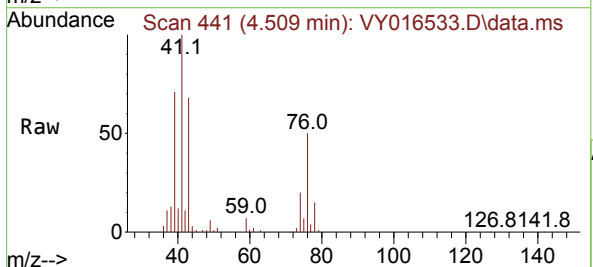
Instrument :
MSVOA_Y
ClientSampleId :

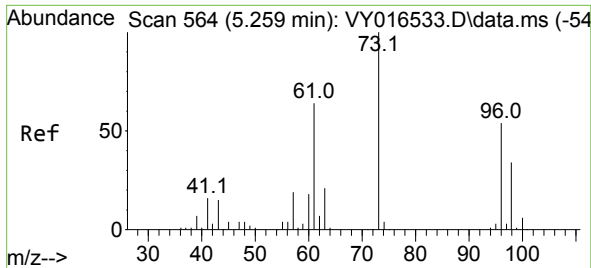
Tgt Ion: 76 Resp: 220503
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 53.417 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 43 Resp: 55648
Ion Ratio Lower Upper
43 100
74 30.6 17.4 26.0#

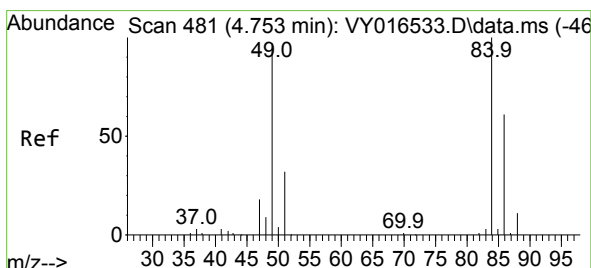
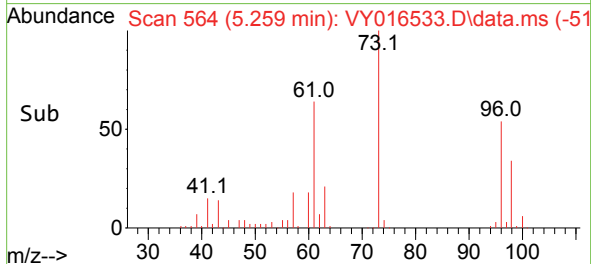
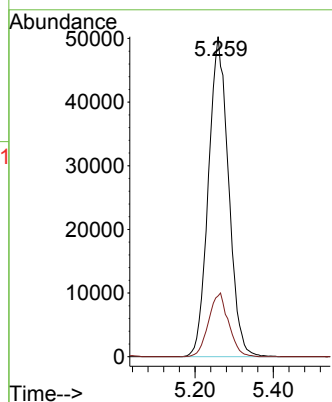
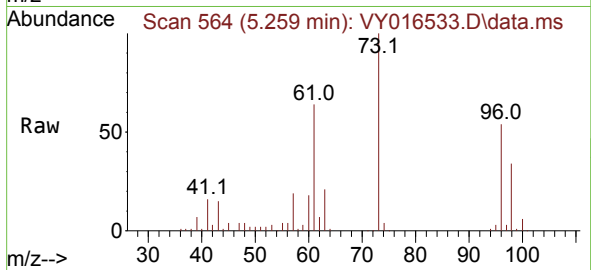




#19
Methyl tert-butyl Ether
Concen: 51.200 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

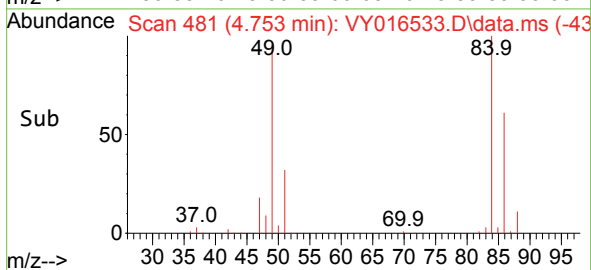
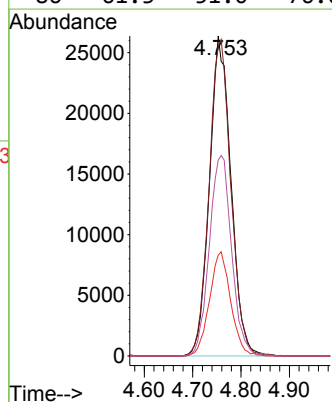
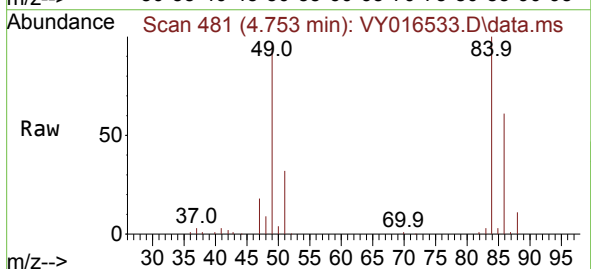
Instrument :
MSVOA_Y
ClientSampleId :

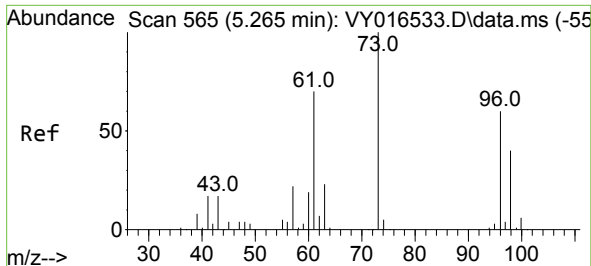
Tgt Ion: 73 Resp: 179042
Ion Ratio Lower Upper
73 100
57 19.0 17.3 25.9



#20
Methylene Chloride
Concen: 49.566 ug/l
RT: 4.753 min Scan# 481
Delta R.T. -0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 84 Resp: 81612
Ion Ratio Lower Upper
84 100
49 96.7 106.9 160.3#
51 31.6 33.2 49.8#
86 61.3 51.0 76.6

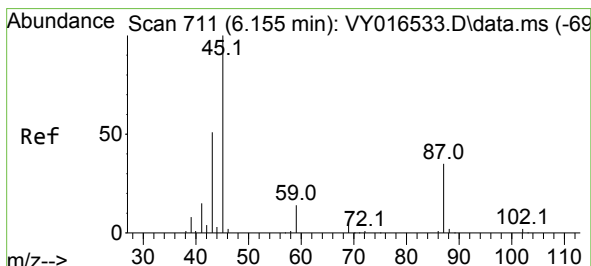
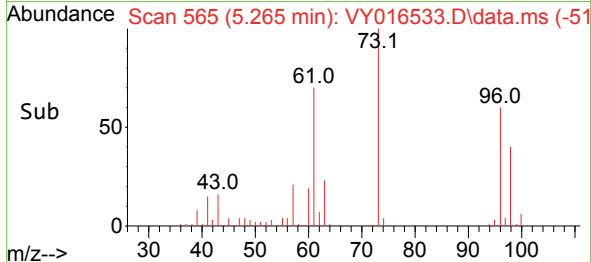
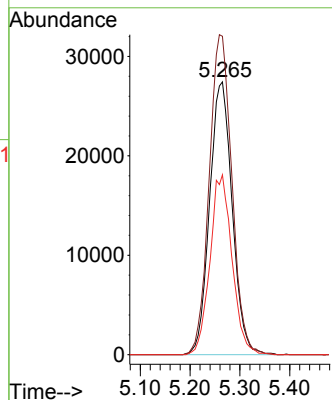
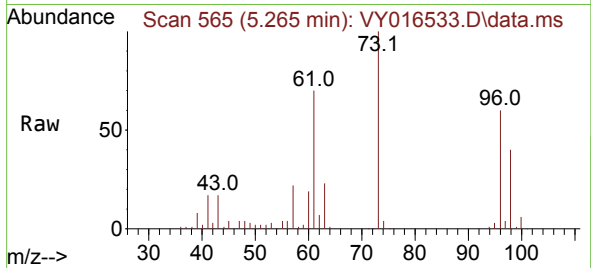




#21
trans-1,2-Dichloroethene
Concen: 48.343 ug/l
RT: 5.265 min Scan# 509
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

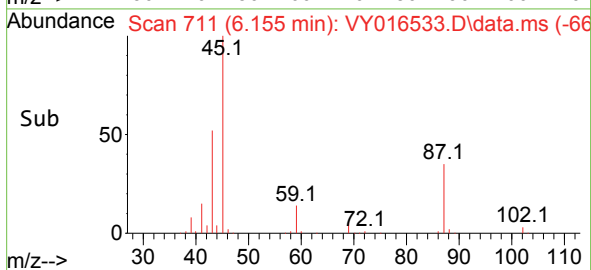
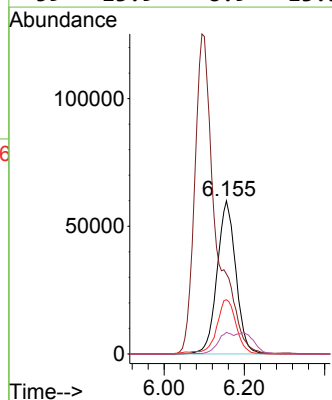
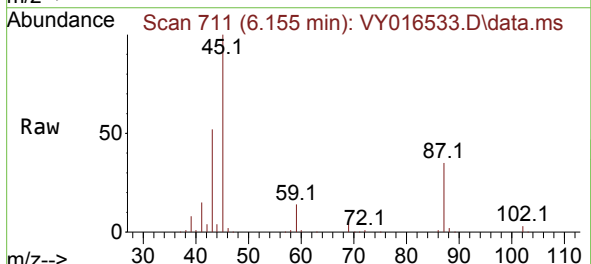
Instrument :
MSVOA_Y
ClientSampleId :

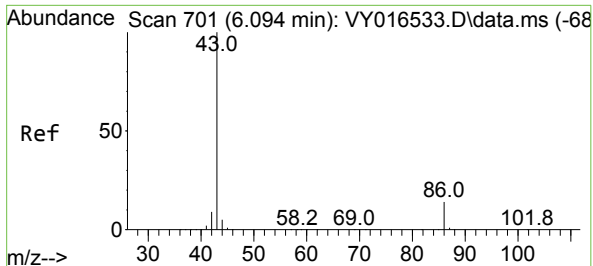
Tgt Ion: 96 Resp: 86400
Ion Ratio Lower Upper
96 100
61 116.7 110.2 165.4
98 65.9 51.8 77.6



#22
Diisopropyl ether
Concen: 50.149 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 45 Resp: 193983
Ion Ratio Lower Upper
45 100
43 51.8 52.2 78.4#
87 35.4 21.0 31.6#
59 13.9 8.9 13.3#

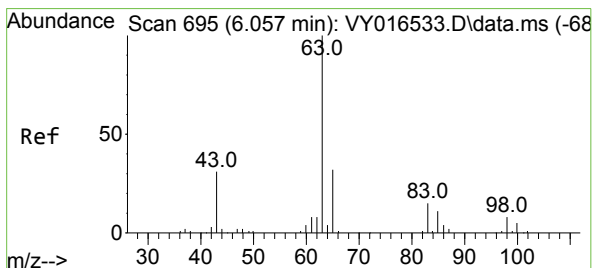
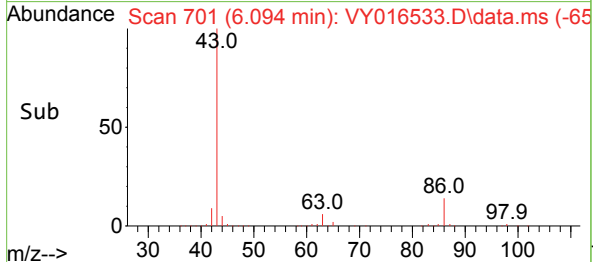
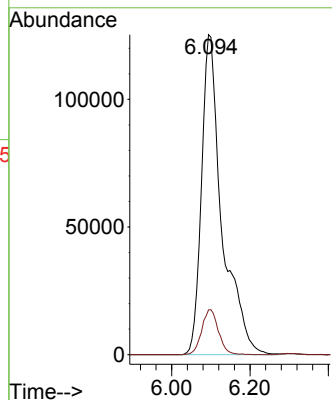
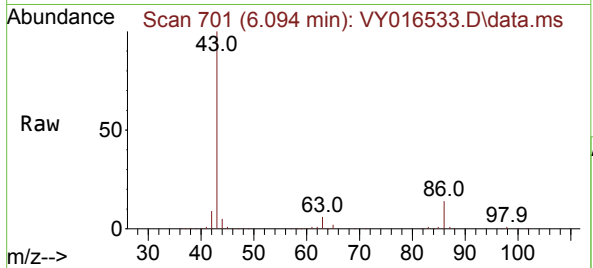




#23
 Vinyl Acetate
 Concen: 255.482 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

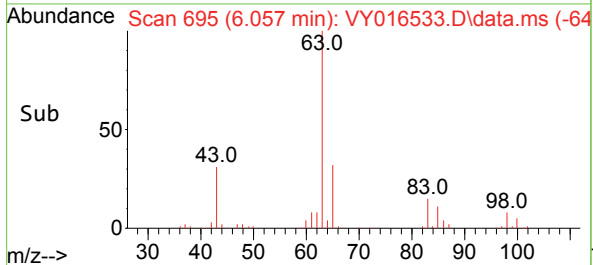
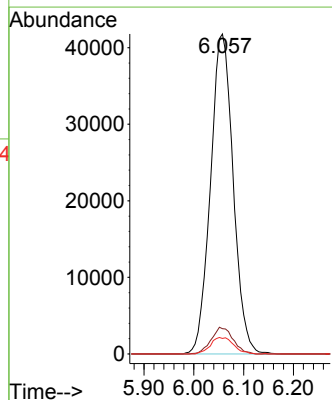
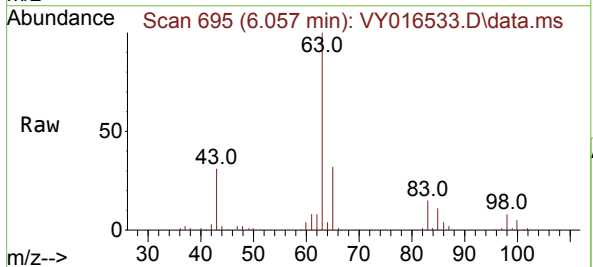
Instrument :
 MSVOA_Y
 ClientSampleId :

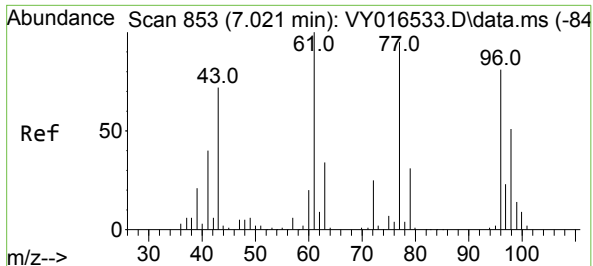
Tgt Ion: 43 Resp: 455727
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.370 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

Tgt Ion: 63 Resp: 132042
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 230.321 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

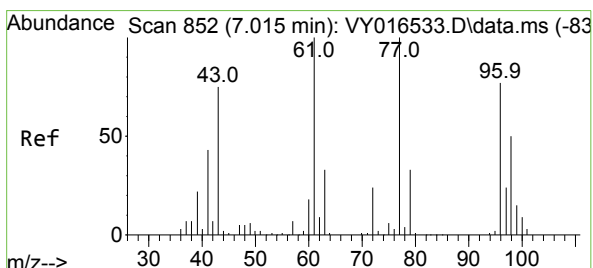
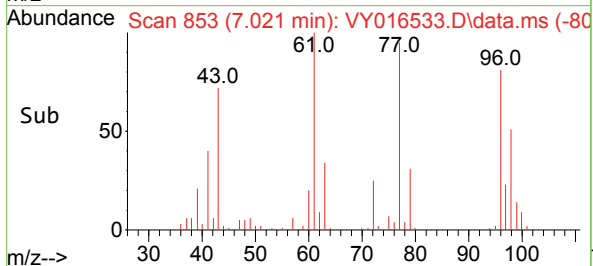
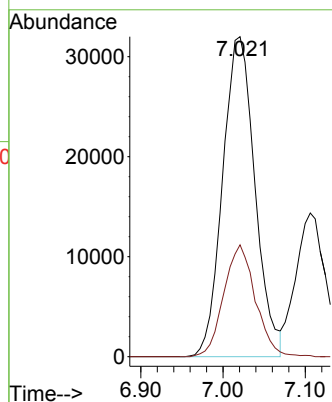
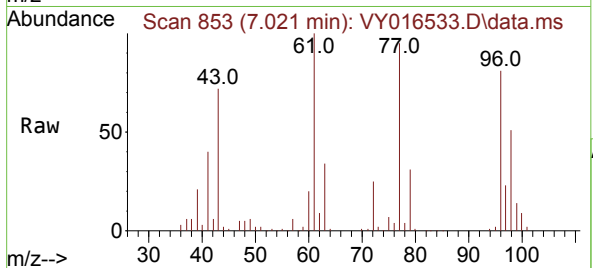
ClientSampleId :

Tgt Ion: 43 Resp: 87456

Ion Ratio Lower Upper

43 100

72 34.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 47.682 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.000 min

Lab File: VY016533.D

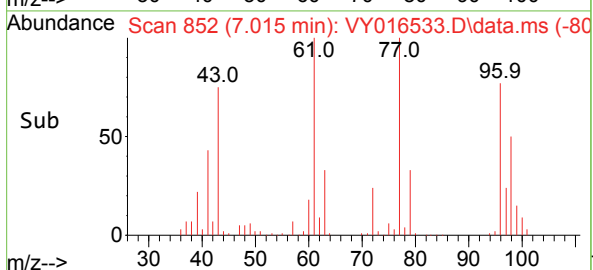
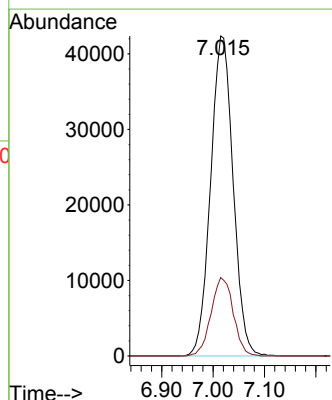
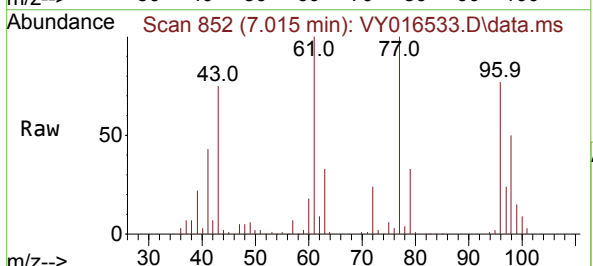
Acq: 29 Nov 2023 12:27

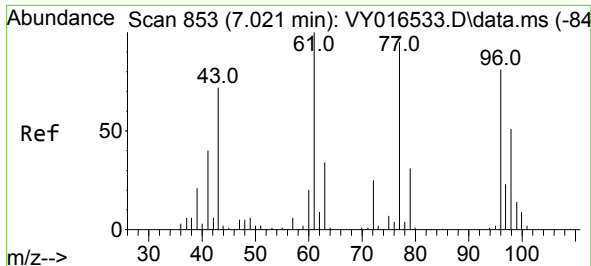
Tgt Ion: 77 Resp: 128647

Ion Ratio Lower Upper

77 100

97 24.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.250 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

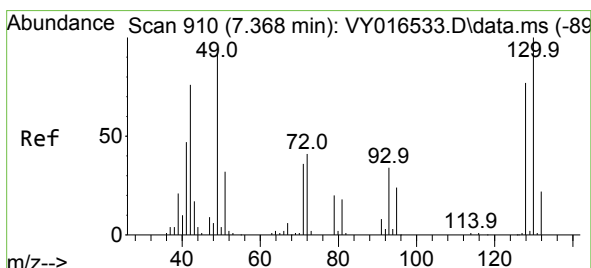
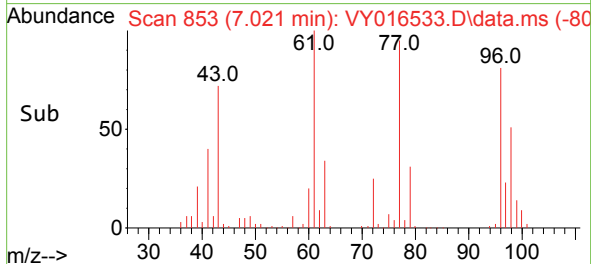
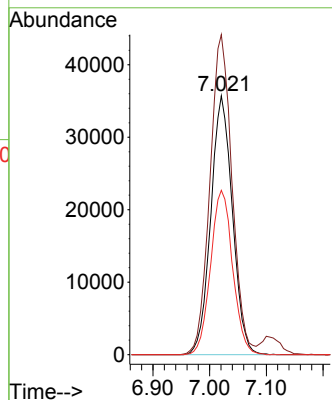
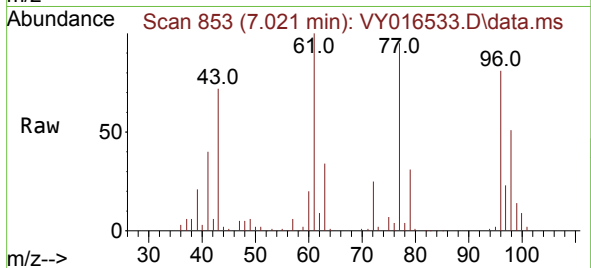
Tgt Ion: 96 Resp: 94566

Ion Ratio Lower Upper

96 100

61 126.3 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 50.165 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

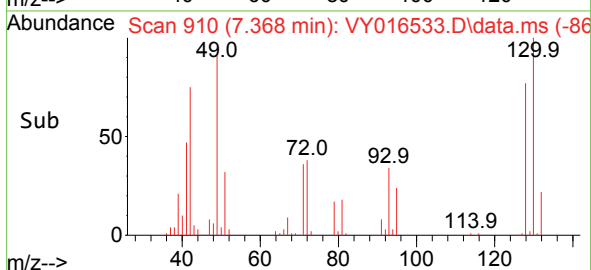
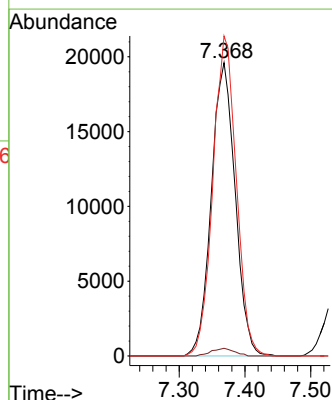
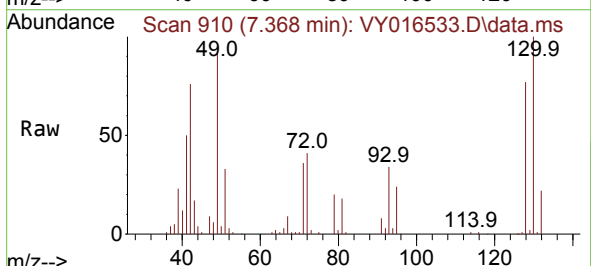
Tgt Ion: 49 Resp: 49492

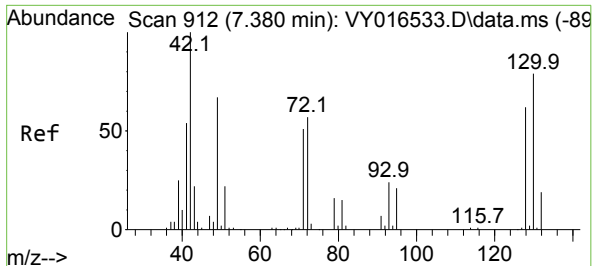
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 106.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 265.186 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

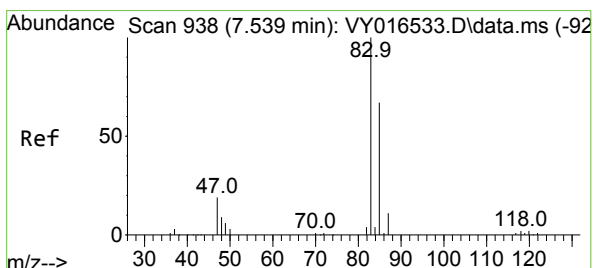
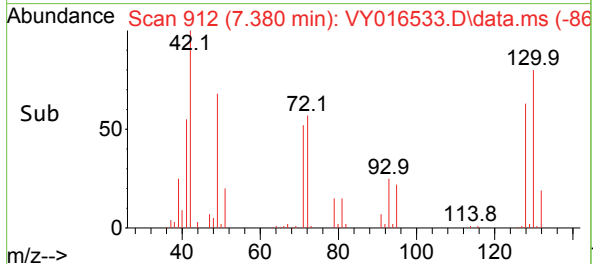
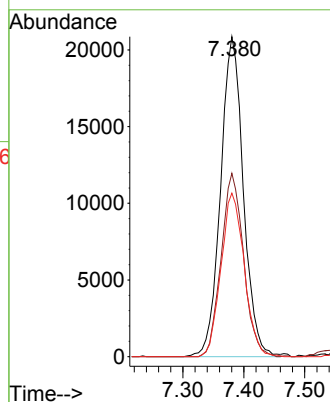
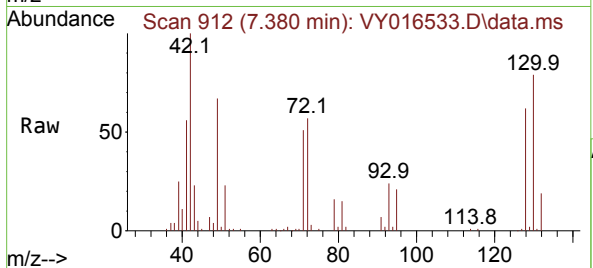
Tgt Ion: 42 Resp: 54095

Ion Ratio Lower Upper

42 100

72 56.3 32.8 49.2#

71 52.2 31.0 46.4#



#30

Chloroform

Concen: 48.413 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.000 min

Lab File: VY016533.D

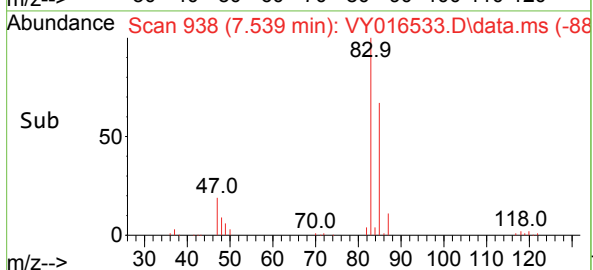
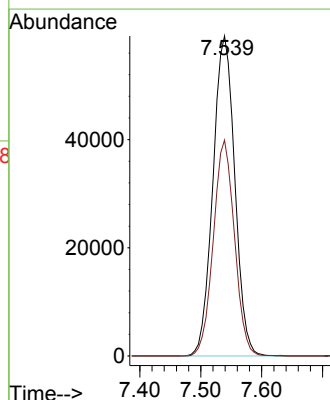
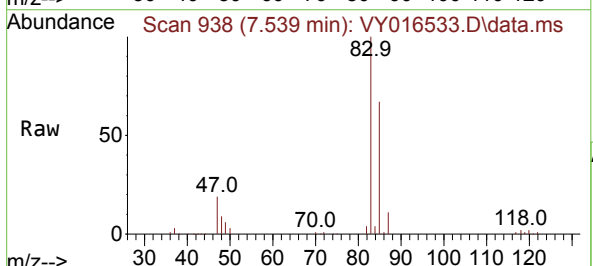
Acq: 29 Nov 2023 12:27

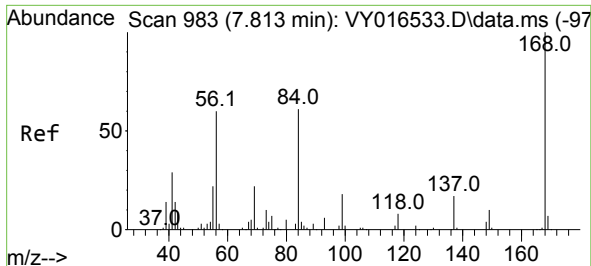
Tgt Ion: 83 Resp: 147302

Ion Ratio Lower Upper

83 100

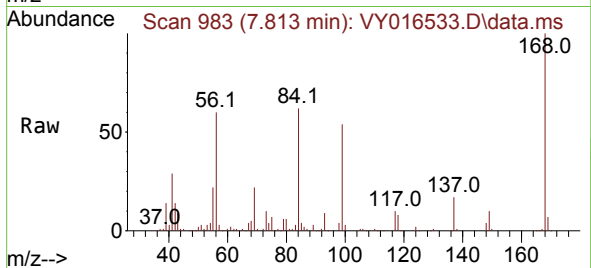
85 67.4 49.7 74.5



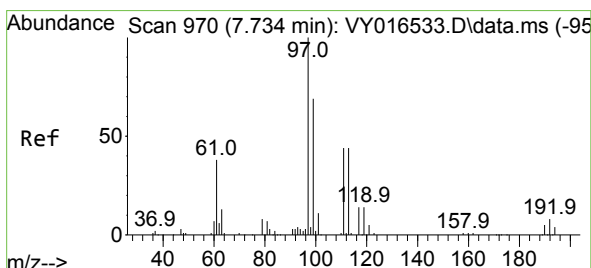
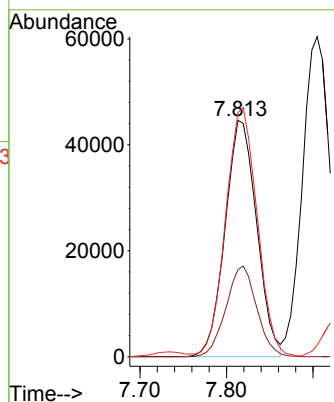
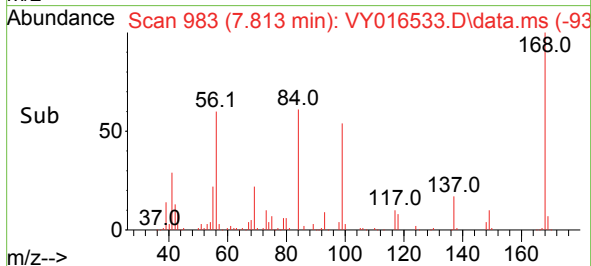


#31
Cyclohexane
Concen: 45.777 ug/l
RT: 7.813 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Instrument :
MSVOA_Y
ClientSampleId :

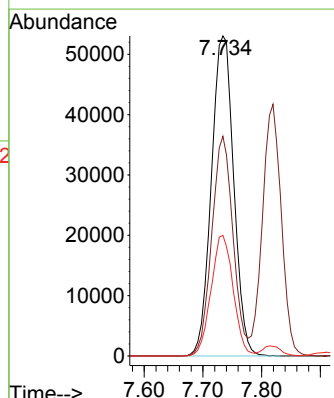
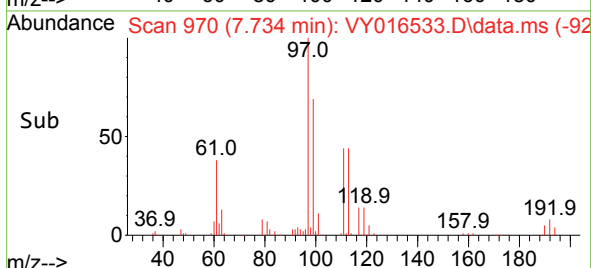
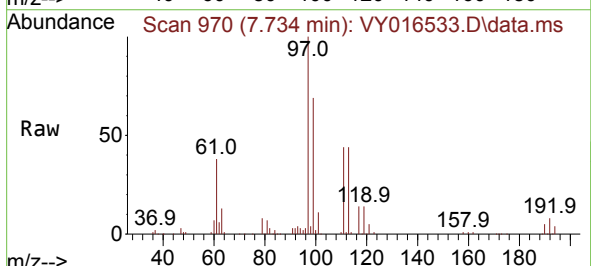


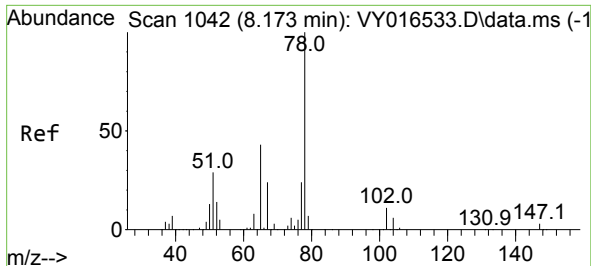
Tgt Ion: 56 Resp: 113105
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 101.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 47.500 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 97 Resp: 140053
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 37.4 35.1 52.7

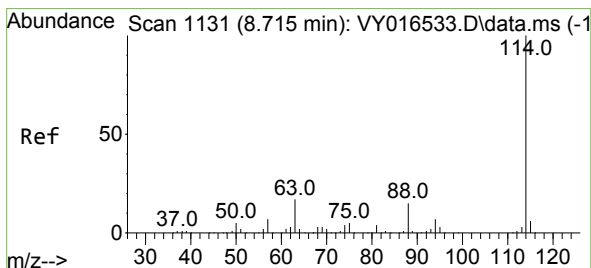
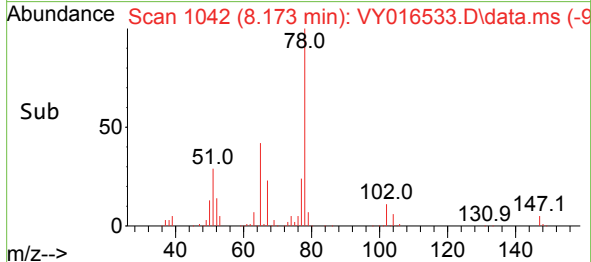
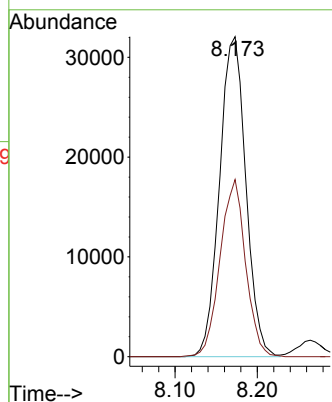
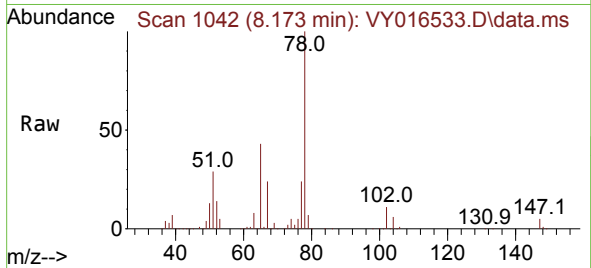




#33
 1,2-Dichloroethane-d4
 Concen: 50.657 ug/l
 RT: 8.173 min Scan# 1042
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

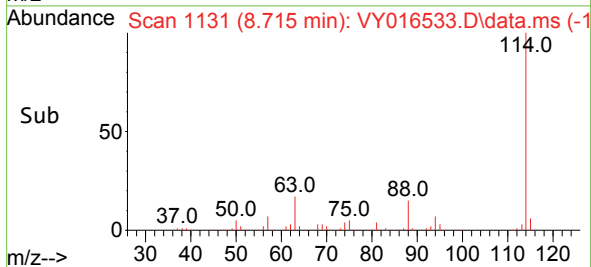
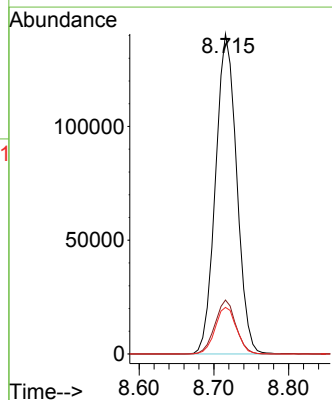
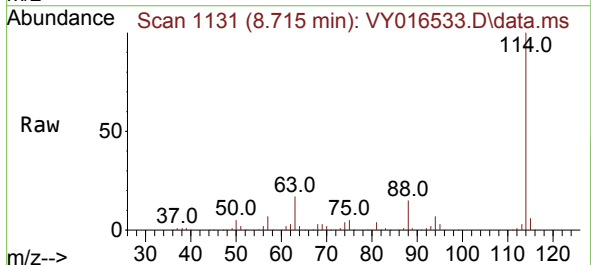
Instrument :
 MSVOA_Y
 ClientSampleId :

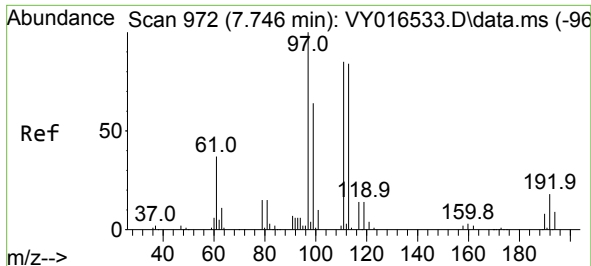
Tgt Ion: 65 Resp: 71293
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.715 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

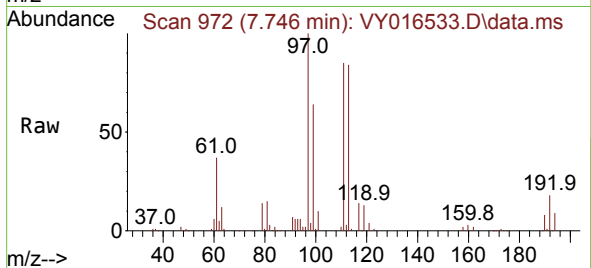
Tgt Ion: 114 Resp: 276412
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 42.4
 88 14.6 0.0 30.6



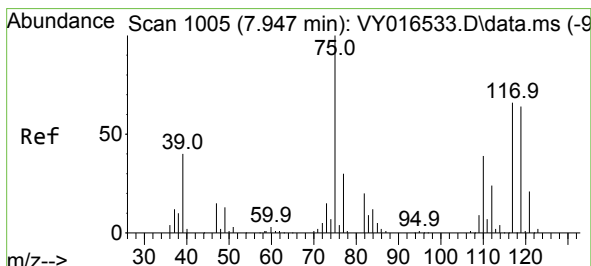
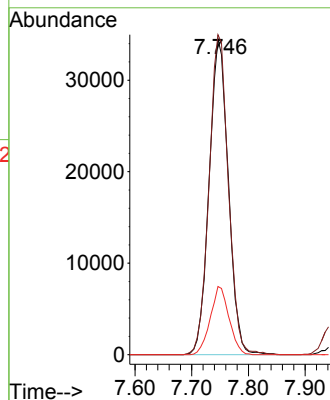
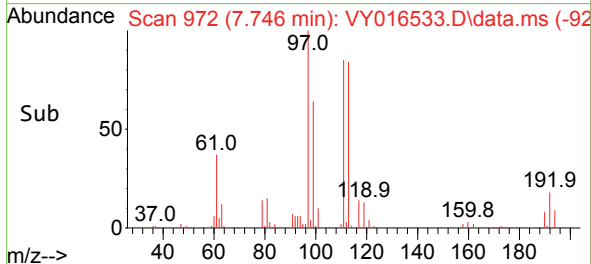


#35
Dibromofluoromethane
Concen: 50.046 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

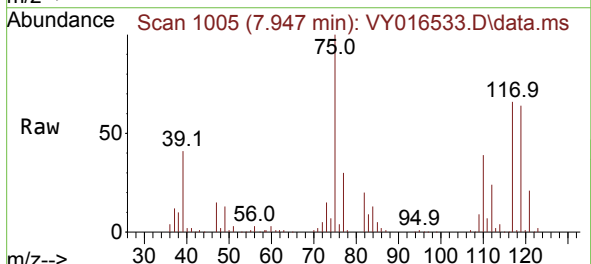
Instrument :
MSVOA_Y
ClientSampleId :



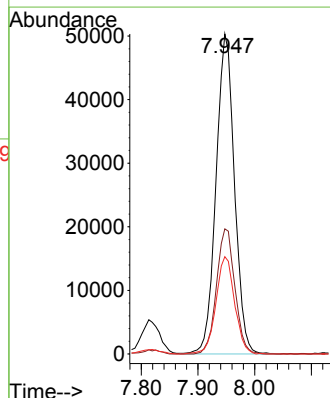
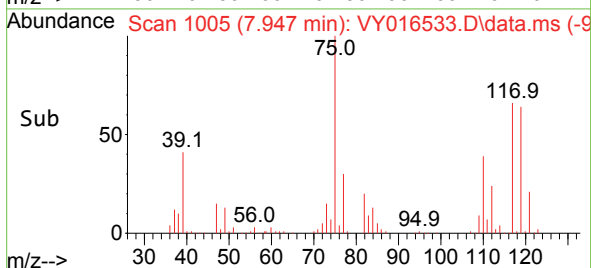
Tgt Ion:113 Resp: 81189
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.1 16.9 25.3

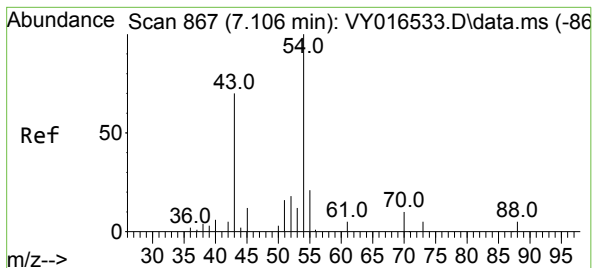


#36
1,1-Dichloropropene
Concen: 47.413 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27



Tgt Ion: 75 Resp: 113585
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 50.998 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

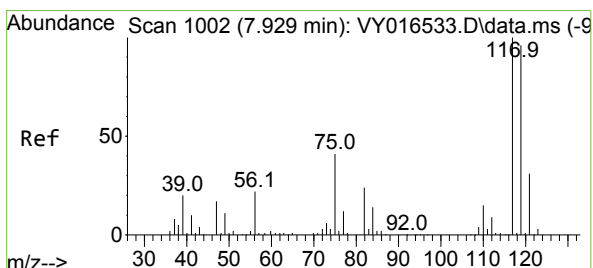
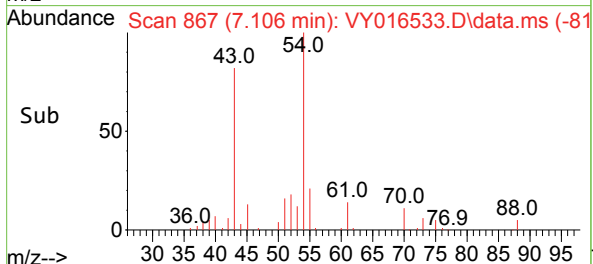
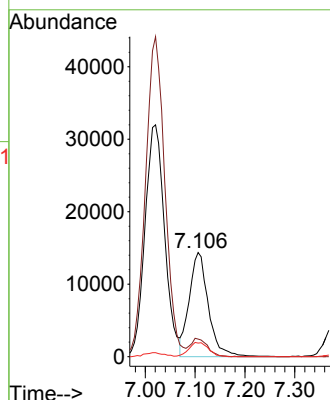
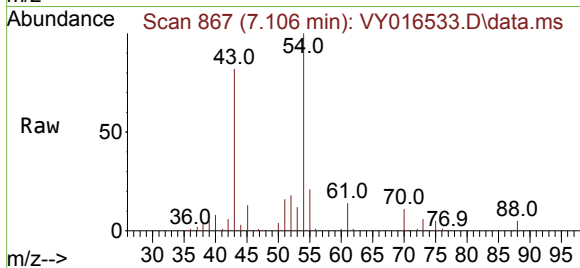
Tgt Ion: 43 Resp: 38292

Ion Ratio Lower Upper

43 100

61 15.6 10.1 15.1#

70 14.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 46.806 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

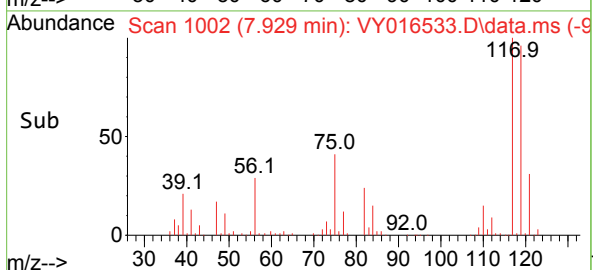
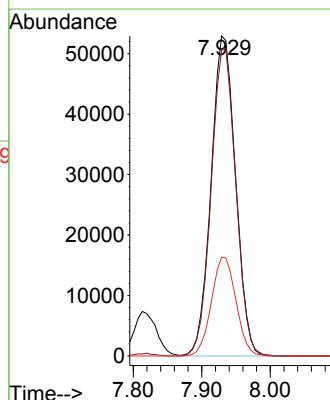
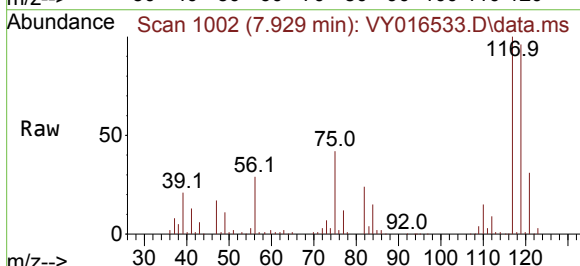
Tgt Ion: 117 Resp: 131608

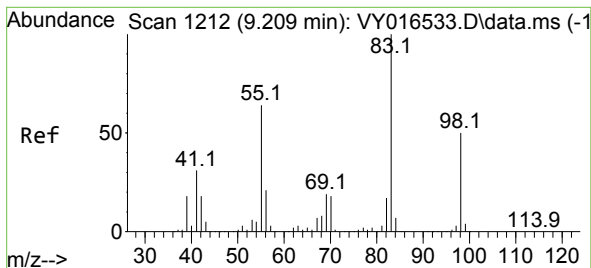
Ion Ratio Lower Upper

117 100

119 95.6 76.4 114.6

121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 47.564 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

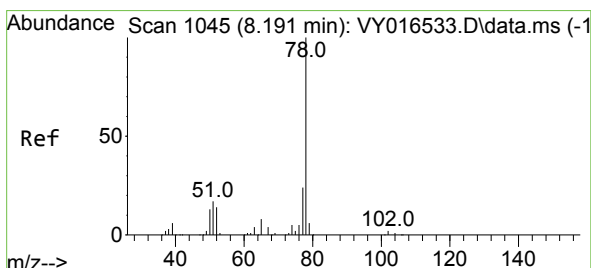
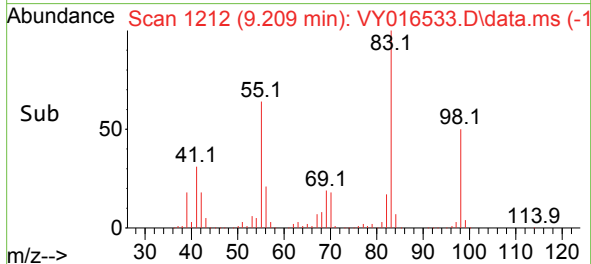
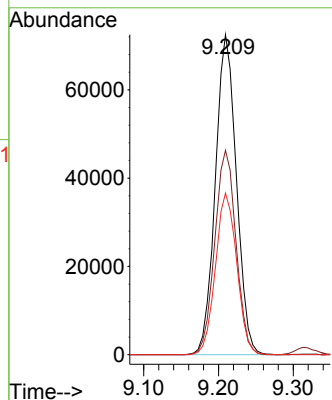
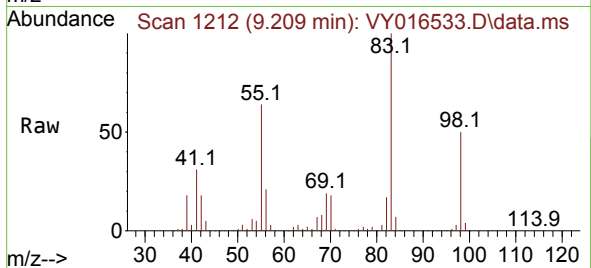
Tgt Ion: 83 Resp: 142126

Ion Ratio Lower Upper

83 100

55 63.9 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 47.569 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY016533.D

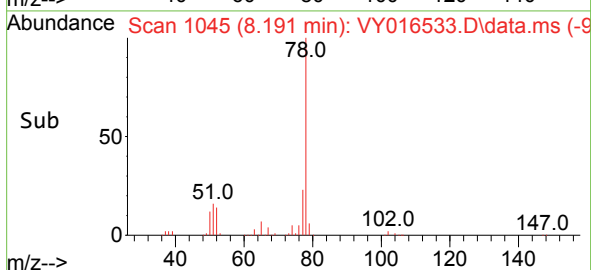
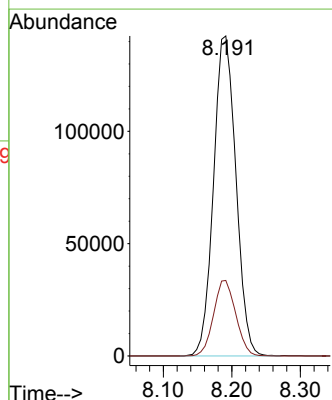
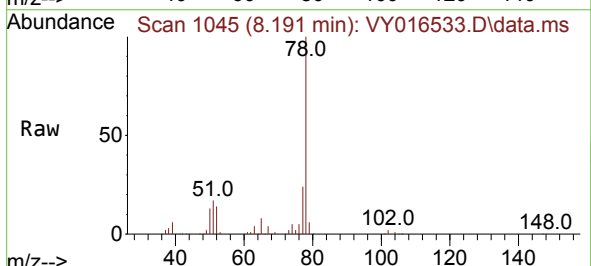
Acq: 29 Nov 2023 12:27

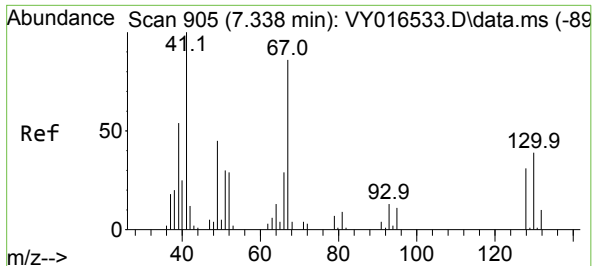
Tgt Ion: 78 Resp: 323110

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

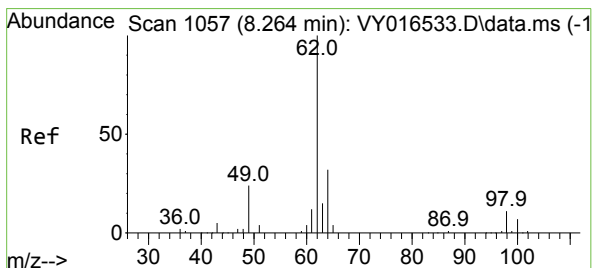
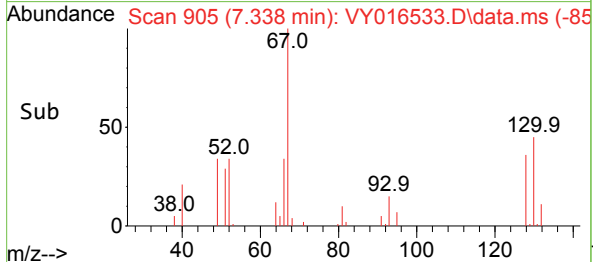
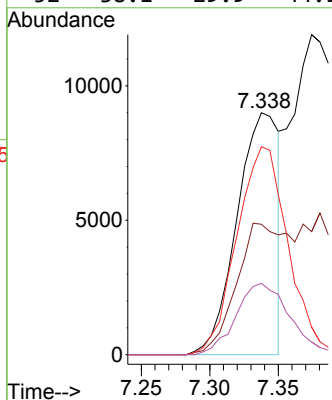
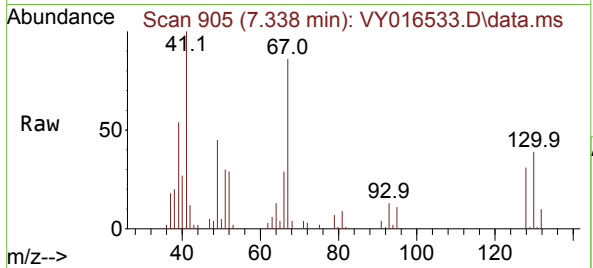




#41
Methacrylonitrile
Concen: 46.022 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

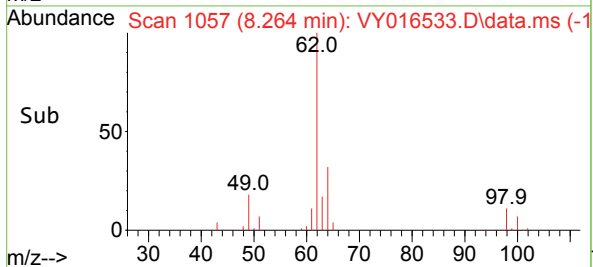
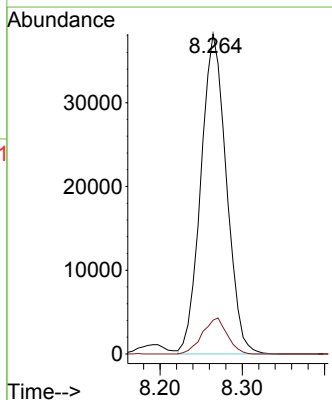
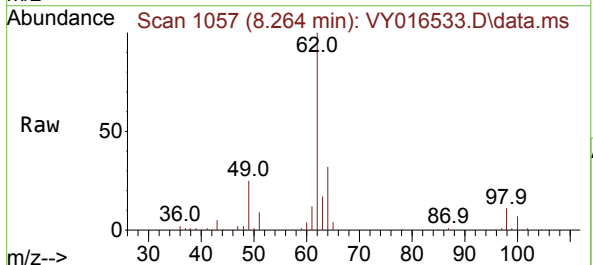
Instrument :
MSVOA_Y
ClientSampleId :

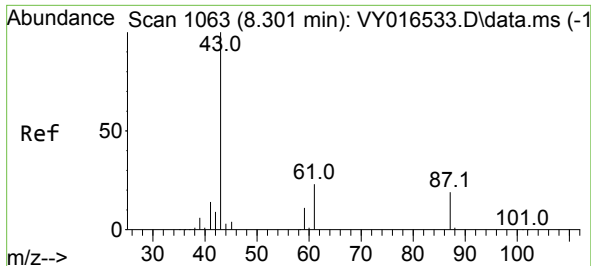
Tgt Ion:	41	Resp:	19103
Ion	Ratio	Lower	Upper
41	100		
39	70.7	52.1	78.1
67	105.7	66.2	99.2#
52	38.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 48.946 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:	62	Resp:	82387
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	15.8

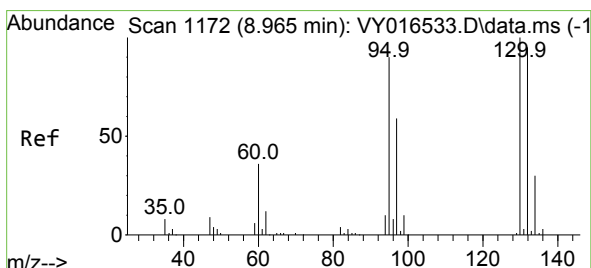
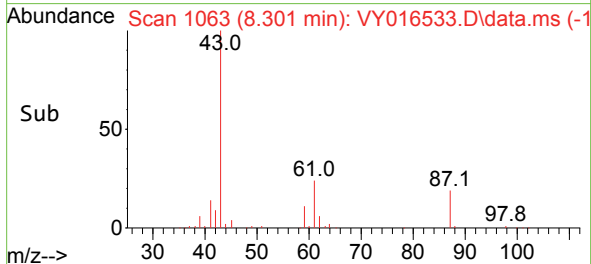
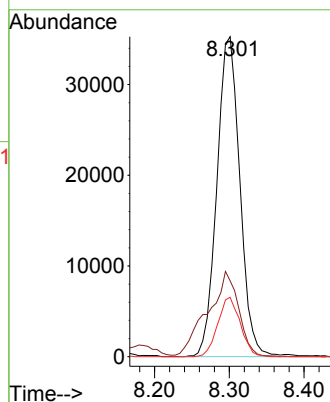
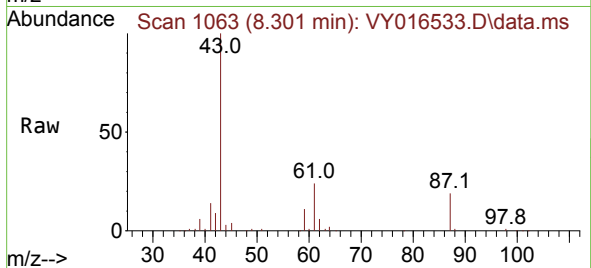




#43
Isopropyl Acetate
Concen: 51.133 ug/l
RT: 8.301 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

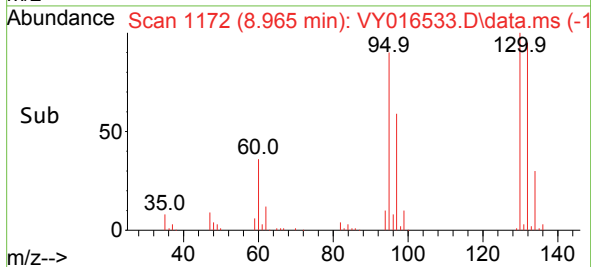
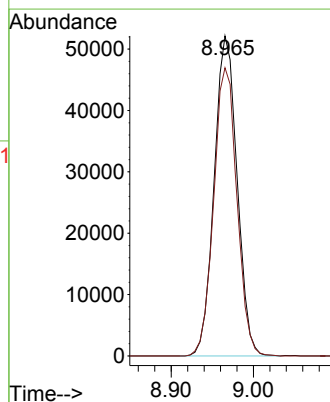
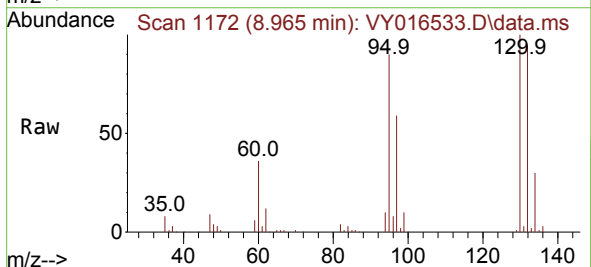
Instrument :
MSVOA_Y
ClientSampleId :

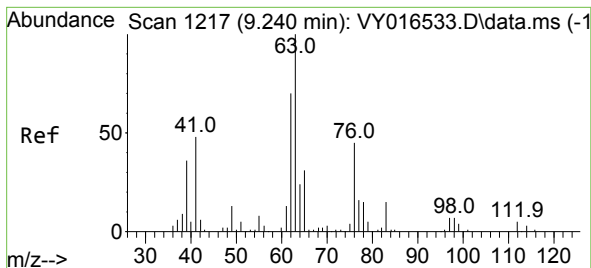
Tgt Ion: 43 Resp: 75497
Ion Ratio Lower Upper
43 100
61 36.0 21.1 31.7#
87 18.2 9.8 14.8#



#44
Trichloroethene
Concen: 48.177 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:130 Resp: 100795
Ion Ratio Lower Upper
130 100
95 90.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.730 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

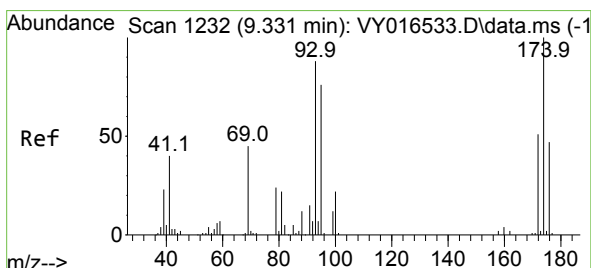
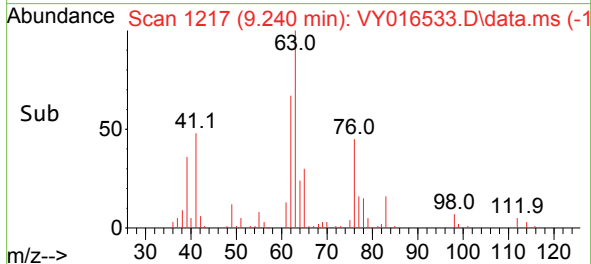
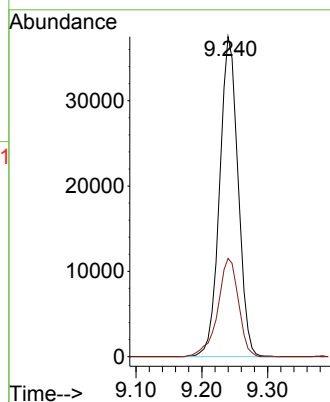
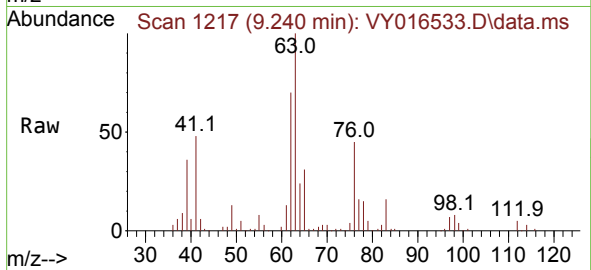
ClientSampleId :

Tgt Ion: 63 Resp: 73156

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 49.622 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

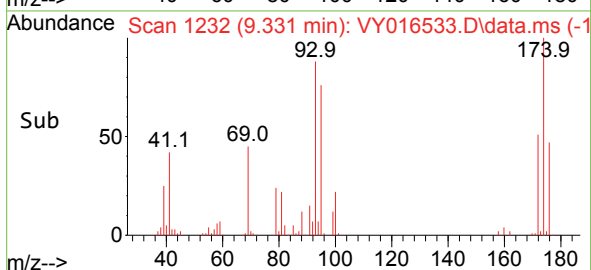
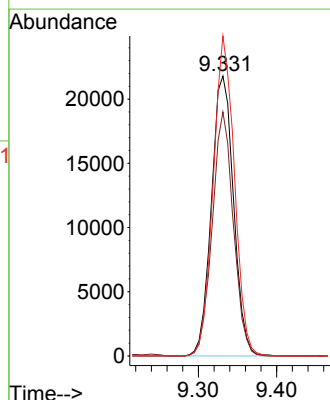
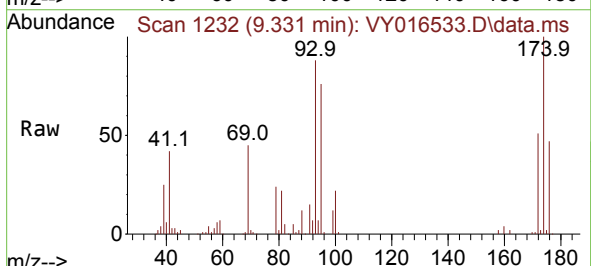
Tgt Ion: 93 Resp: 42766

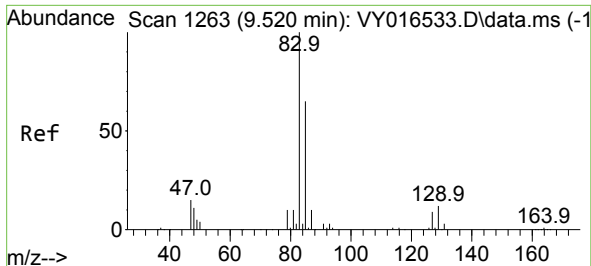
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

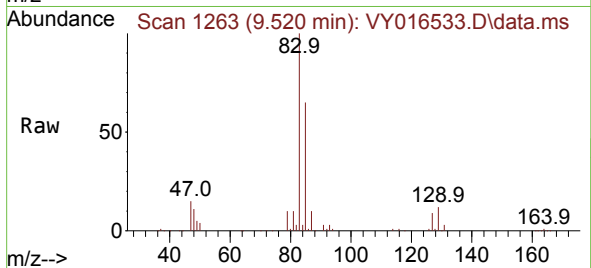
174 109.3 84.8 127.2



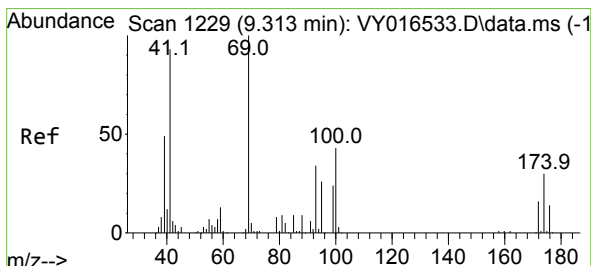
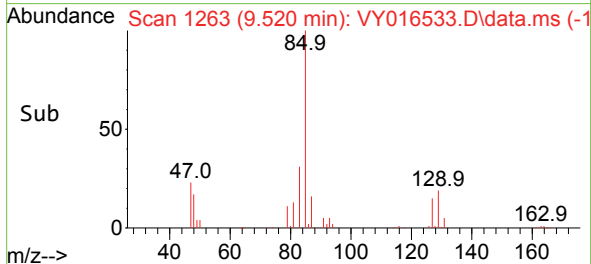
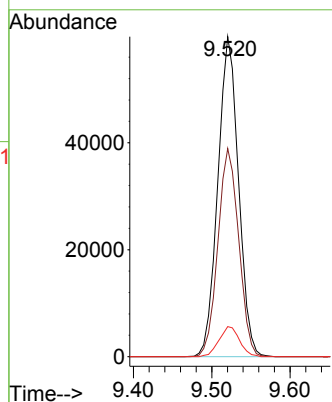


#47
Bromodichloromethane
Concen: 48.256 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Instrument :
MSVOA_Y
ClientSampleId :

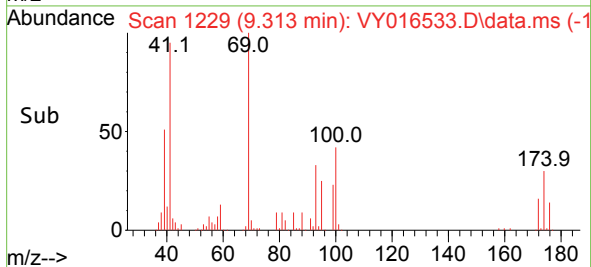
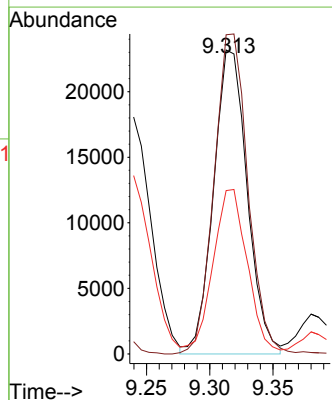
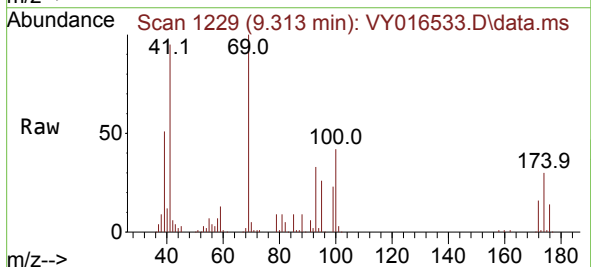


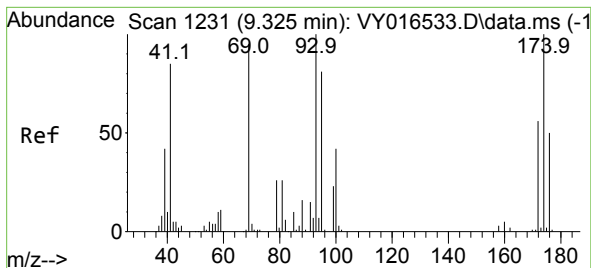
Tgt Ion: 83 Resp: 109804
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 51.816 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 41 Resp: 42951
Ion Ratio Lower Upper
41 100
69 105.9 64.5 96.7#
39 52.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1003.922 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

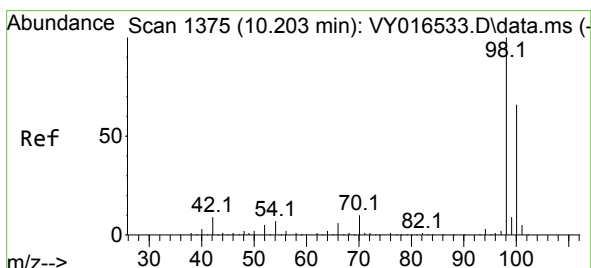
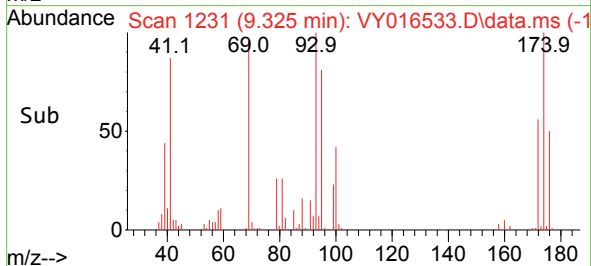
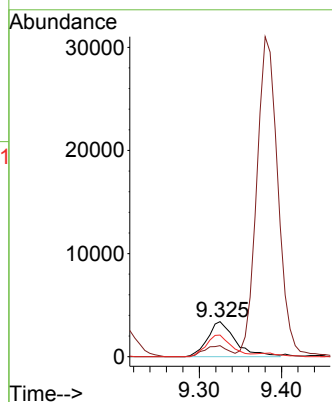
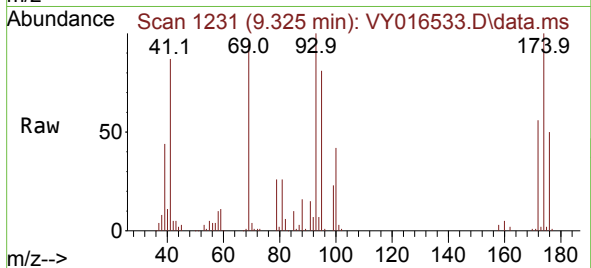
Tgt Ion: 88 Resp: 8012

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0#

58 55.5 30.9 46.3#



#50

Toluene-d8

Concen: 49.697 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016533.D

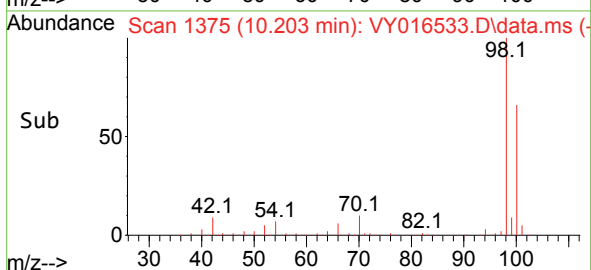
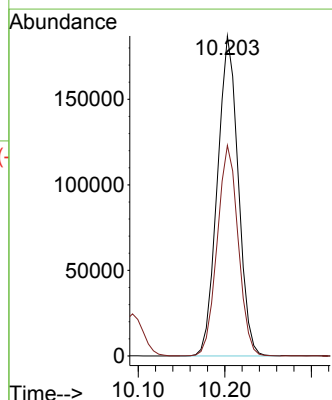
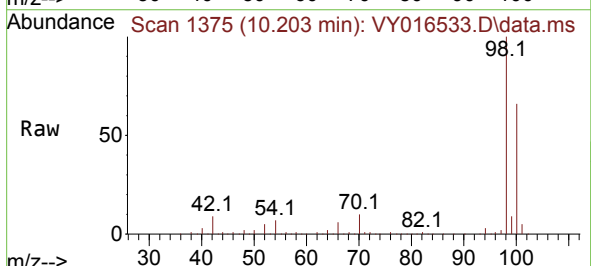
Acq: 29 Nov 2023 12:27

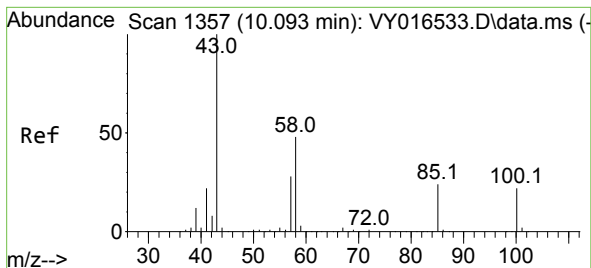
Tgt Ion: 98 Resp: 312699

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

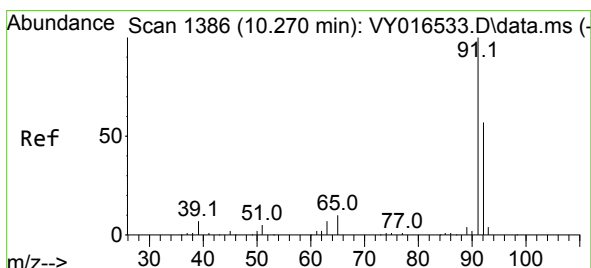
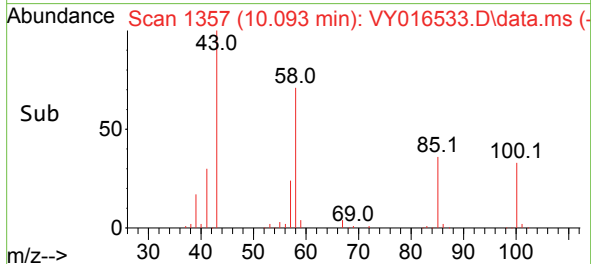
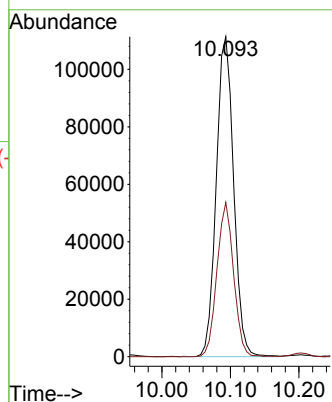
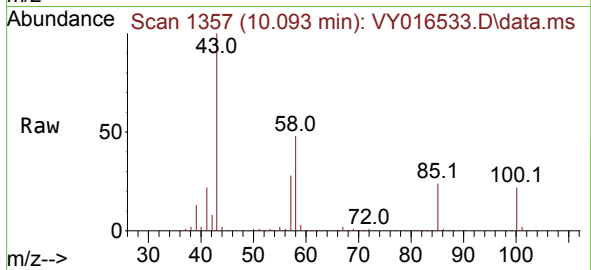




#51
4-Methyl-2-Pentanone
Concen: 253.802 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

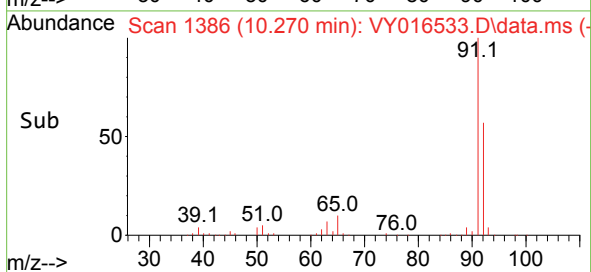
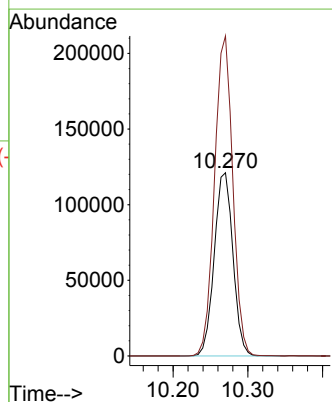
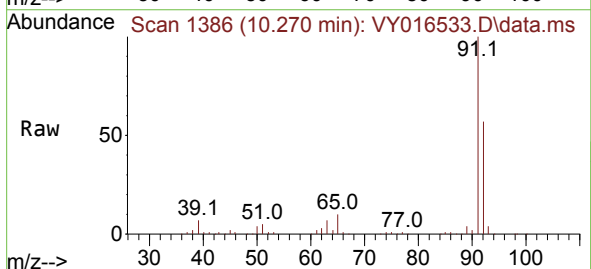
Instrument :
MSVOA_Y
ClientSampleId :

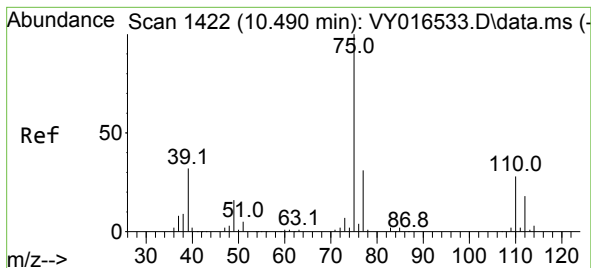
Tgt Ion: 43 Resp: 195490
Ion Ratio Lower Upper
43 100
58 46.2 29.0 43.6#



#52
Toluene
Concen: 48.162 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 92 Resp: 210146
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6

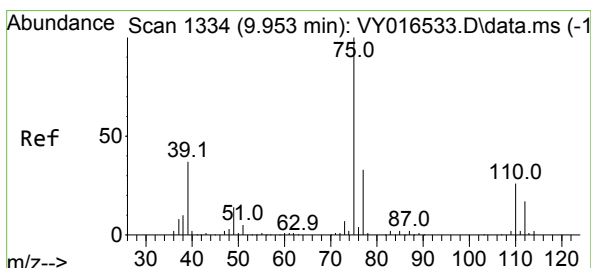
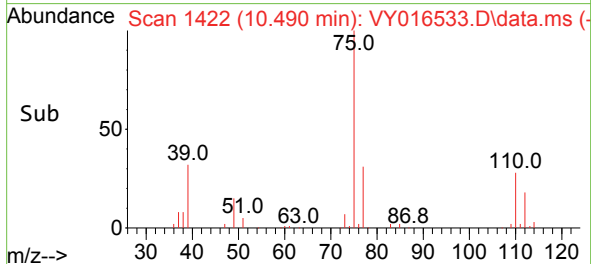
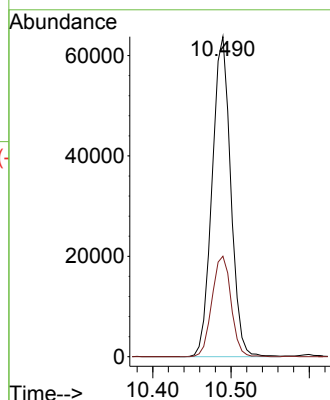
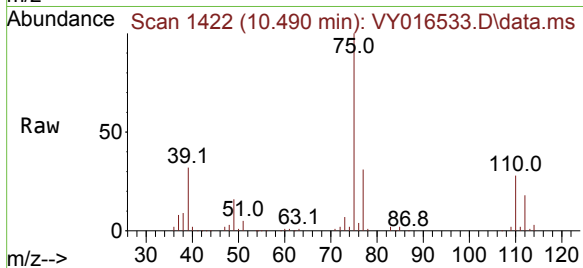




#53
t-1,3-Dichloropropene
Concen: 49.877 ug/l
RT: 10.490 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

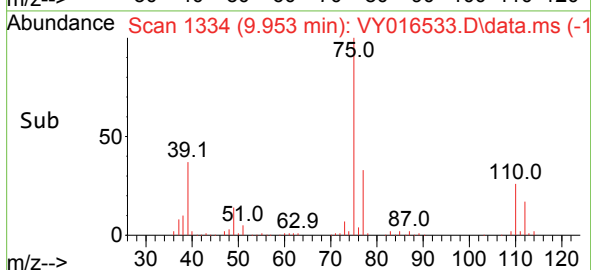
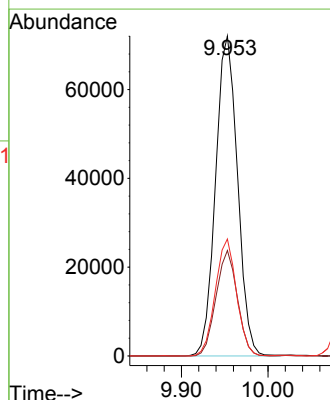
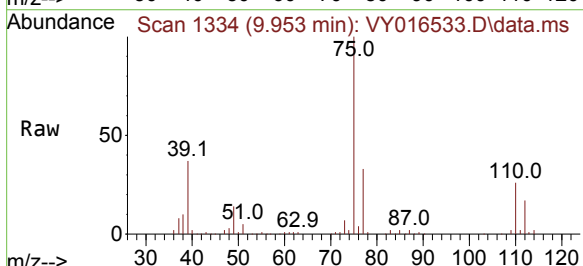
Instrument :
MSVOA_Y
ClientSampleId :

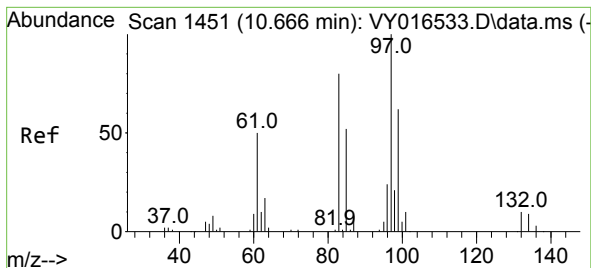
Tgt Ion: 75 Resp: 105166
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 49.596 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 75 Resp: 126722
Ion Ratio Lower Upper
75 100
77 33.0 24.2 36.4
39 36.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 49.435 ug/l

RT: 10.666 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 61478

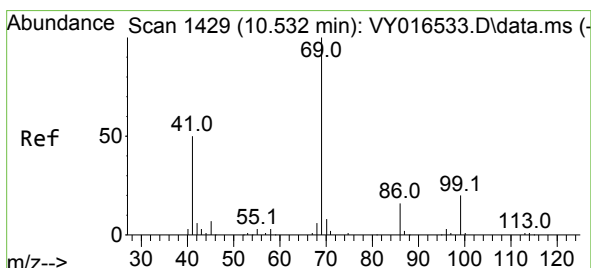
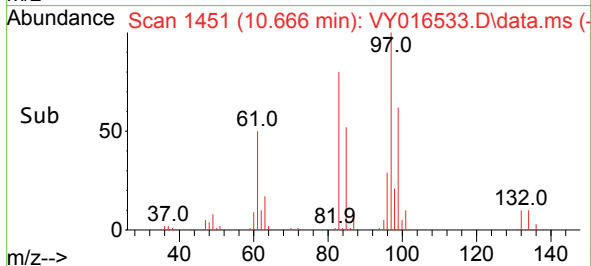
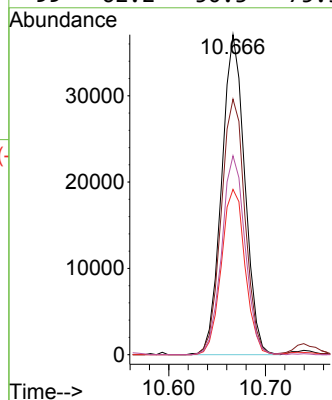
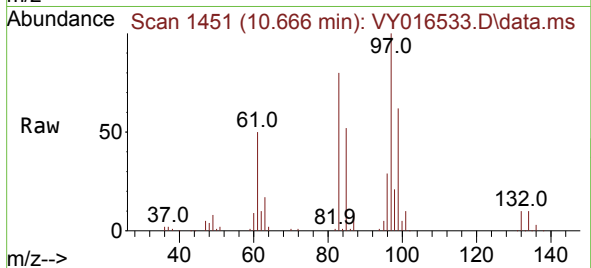
Ion Ratio Lower Upper

97 100

83 79.8 72.0 108.0

85 51.6 45.4 68.0

99 62.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.034 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

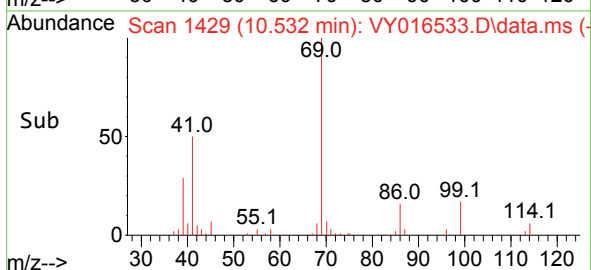
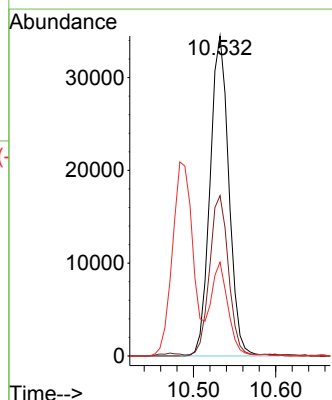
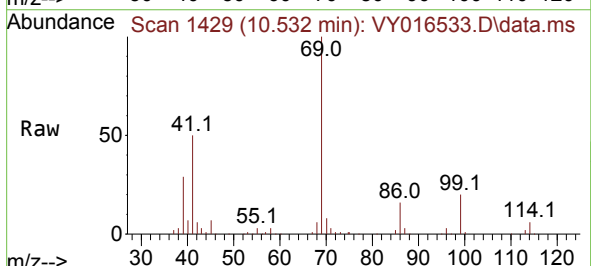
Tgt Ion: 69 Resp: 54762

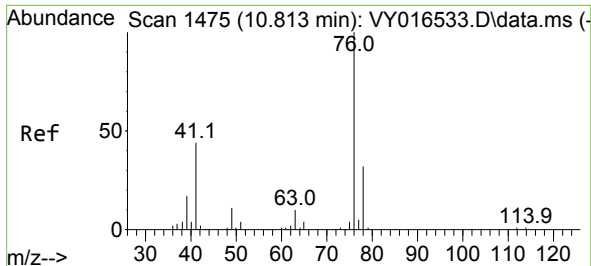
Ion Ratio Lower Upper

69 100

41 49.7 57.6 86.4#

39 25.7 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.695 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

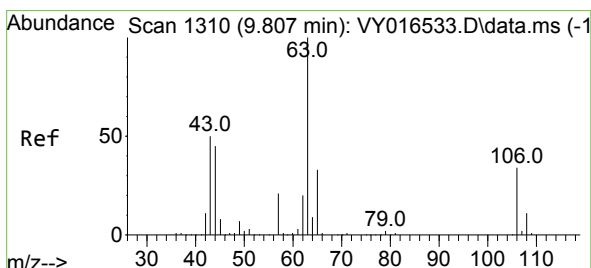
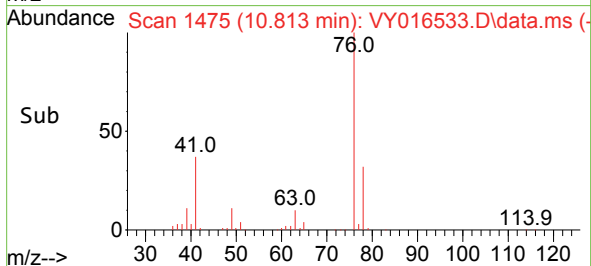
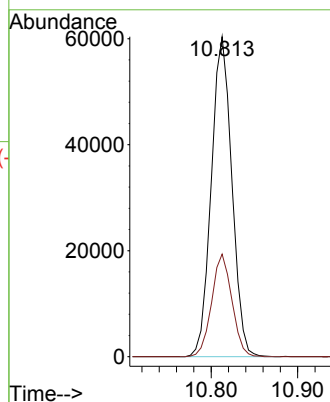
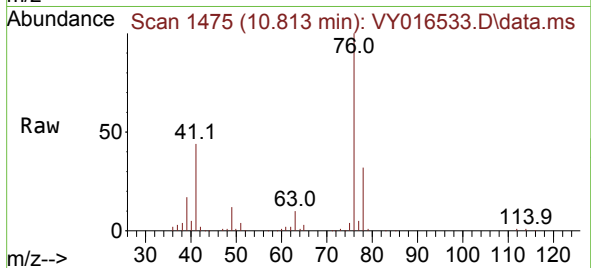
ClientSampleId :

Tgt Ion: 76 Resp: 99548

Ion Ratio Lower Upper

76 100

78 31.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 270.388 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY016533.D

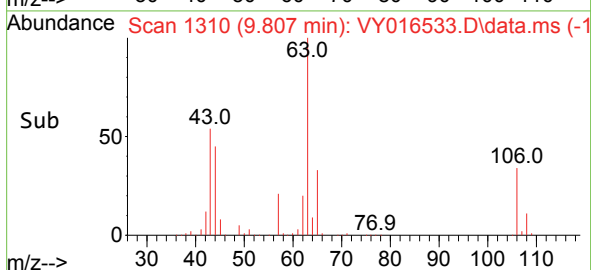
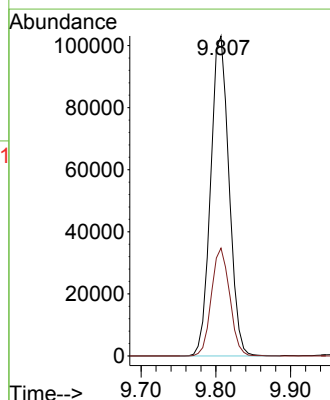
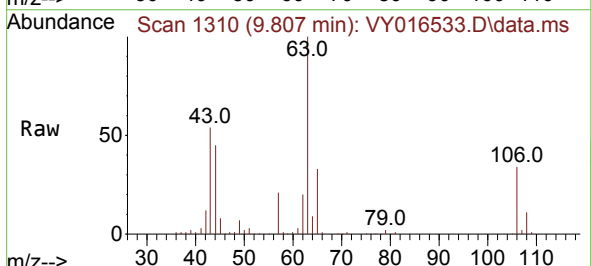
Acq: 29 Nov 2023 12:27

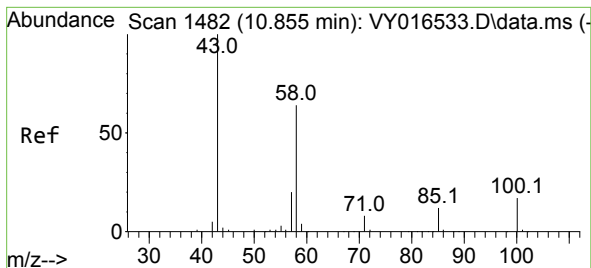
Tgt Ion: 63 Resp: 175967

Ion Ratio Lower Upper

63 100

106 33.5 21.2 31.8#

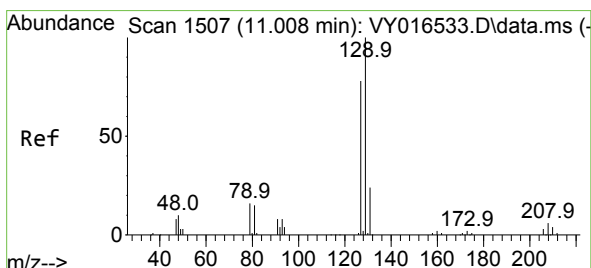
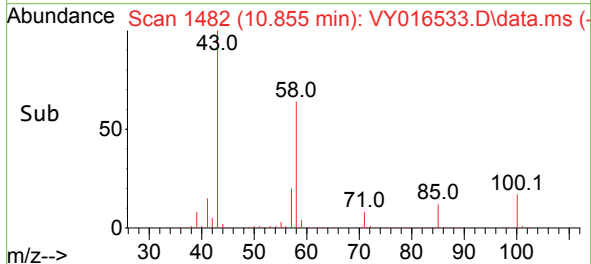
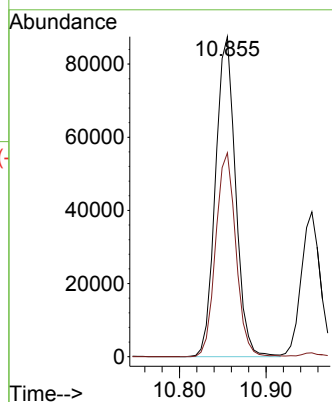
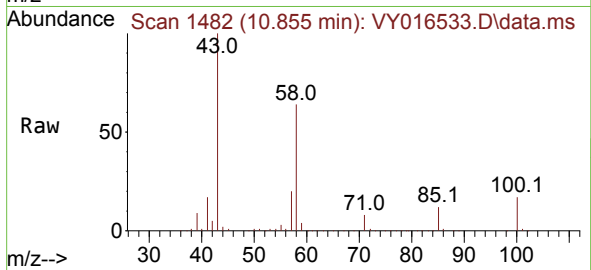




#59
2-Hexanone
Concen: 231.715 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

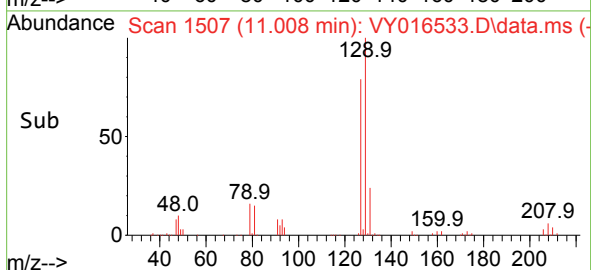
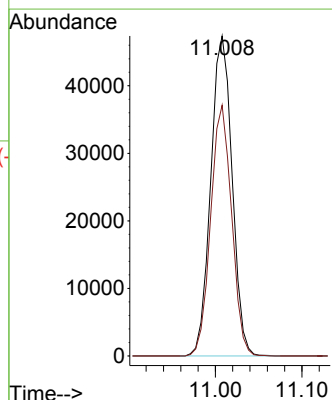
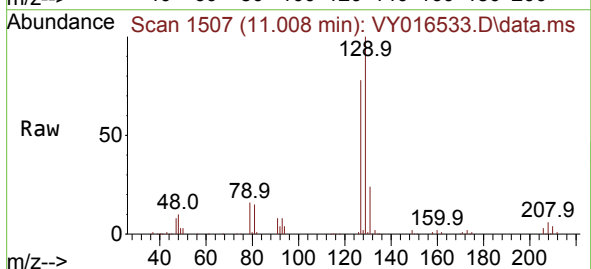
Instrument :
MSVOA_Y
ClientSampleId :

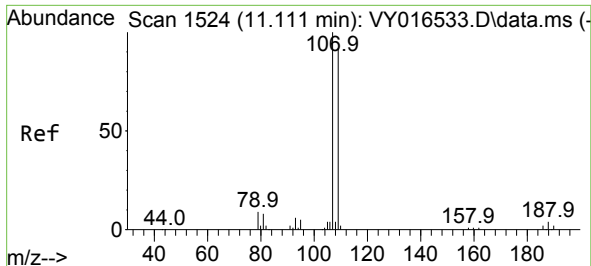
Tgt Ion: 43 Resp: 140979
Ion Ratio Lower Upper
43 100
58 64.0 25.1 75.3



#60
Dibromochloromethane
Concen: 49.917 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:129 Resp: 81141
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

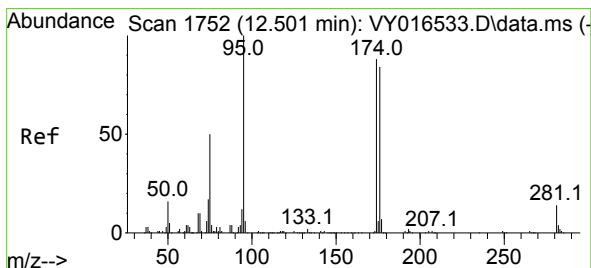
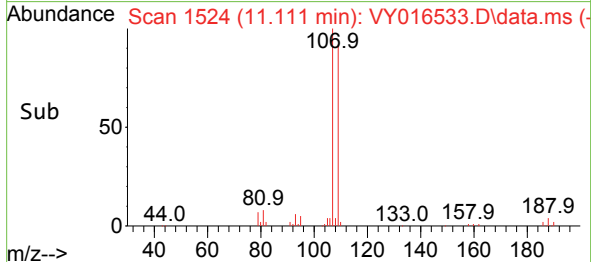
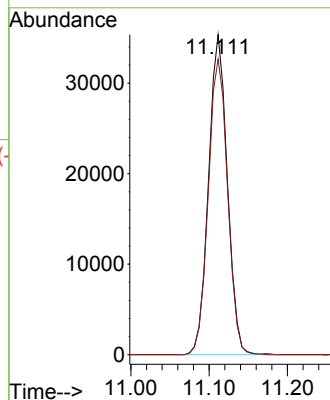
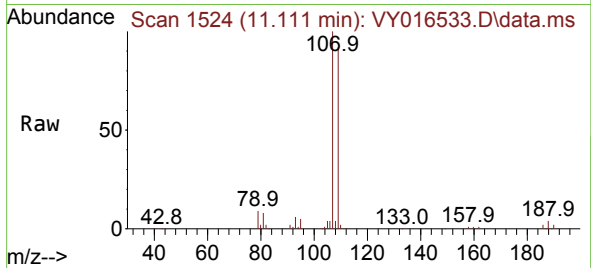




#61
1,2-Dibromoethane
Concen: 50.131 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

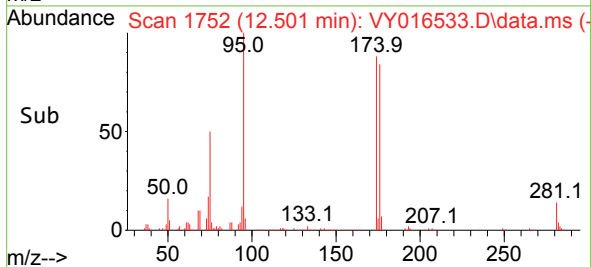
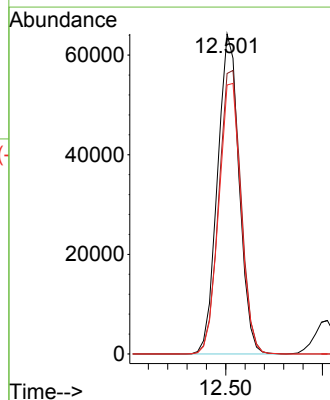
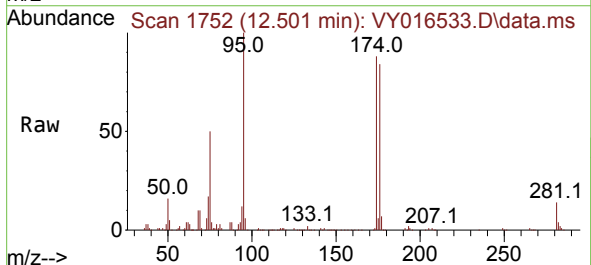
Instrument :
MSVOA_Y
ClientSampleId :

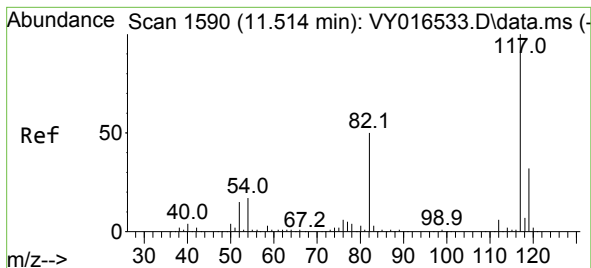
Tgt Ion:107 Resp: 58874
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.493 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 95 Resp: 99667
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.2
176 87.1 0.0 173.8

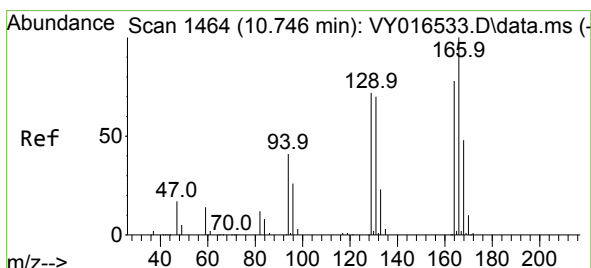
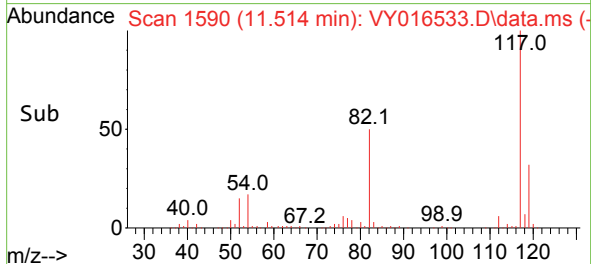
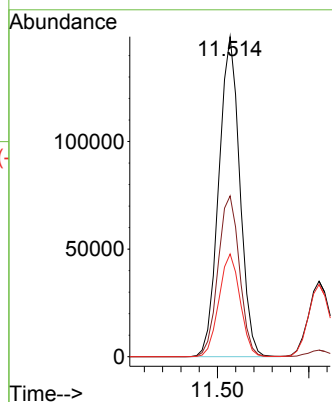
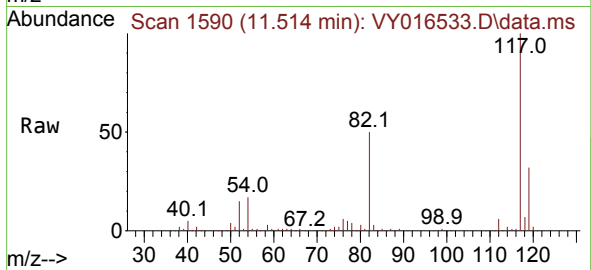




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

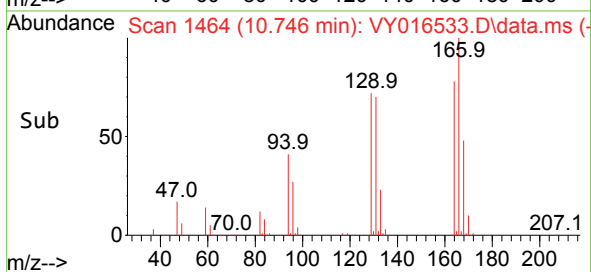
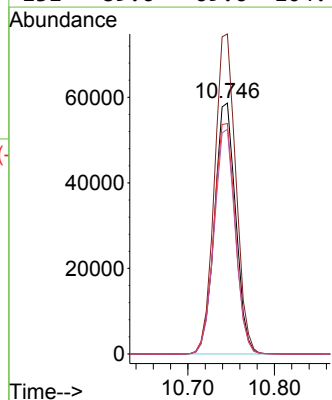
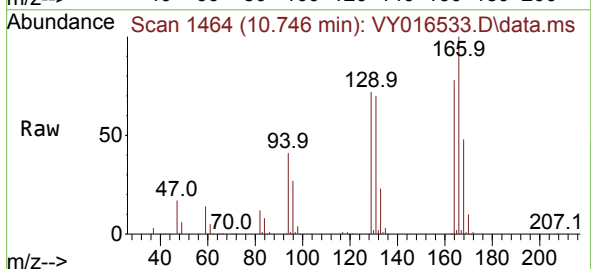
Instrument :
MSVOA_Y
ClientSampleId :

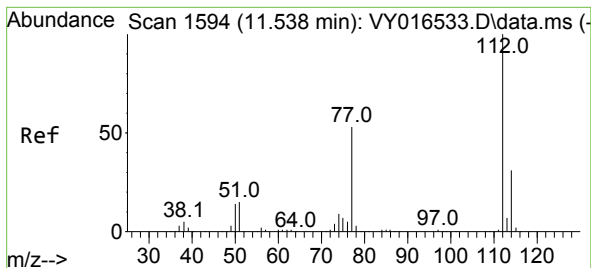
Tgt Ion:117 Resp: 237320
Ion Ratio Lower Upper
117 100
82 50.2 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 47.068 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:164 Resp: 99410
Ion Ratio Lower Upper
164 100
166 127.6 103.0 154.6
129 91.8 77.2 115.8
131 89.6 69.6 104.4

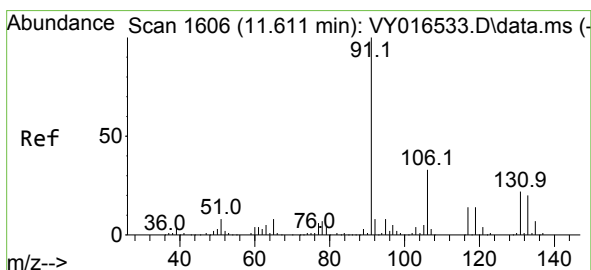
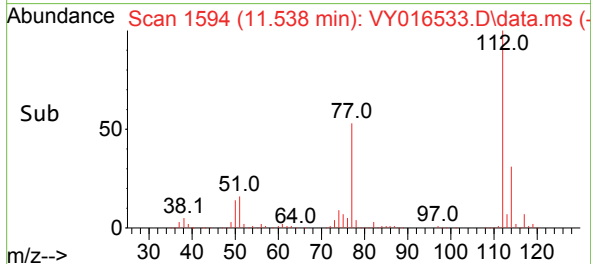
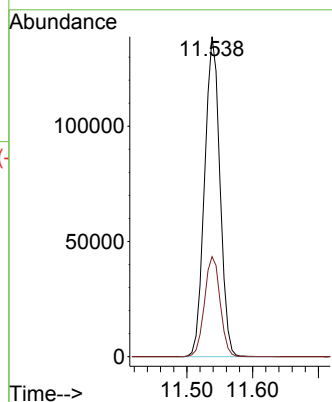
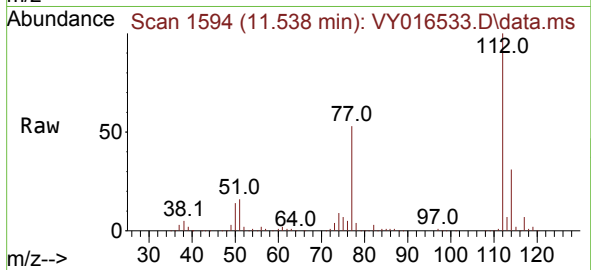




#65
Chlorobenzene
Concen: 47.470 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

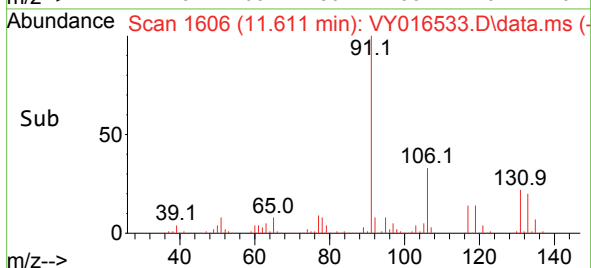
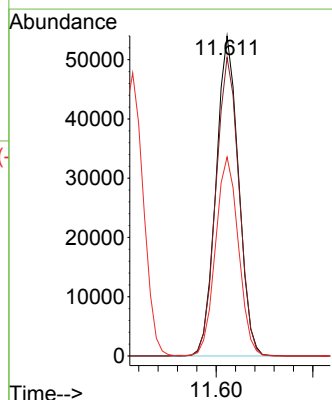
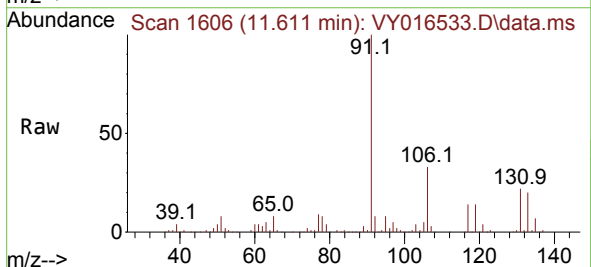
Instrument :
MSVOA_Y
ClientSampleId :

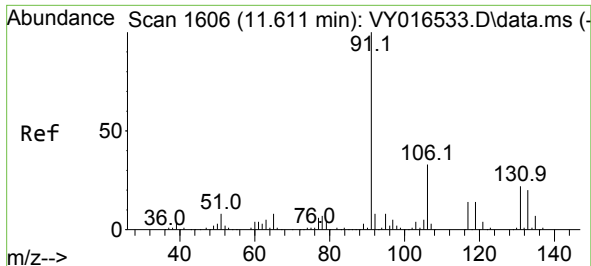
Tgt Ion:112 Resp: 225608
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.958 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:131 Resp: 87376
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 63.2 31.6 94.7

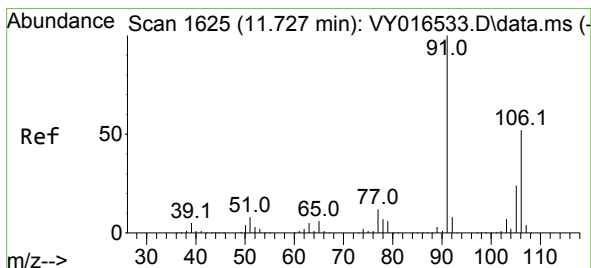
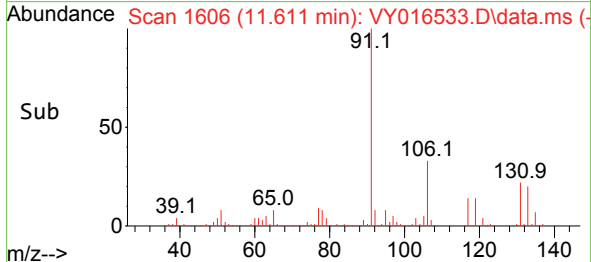
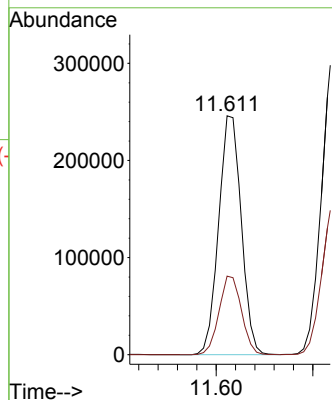
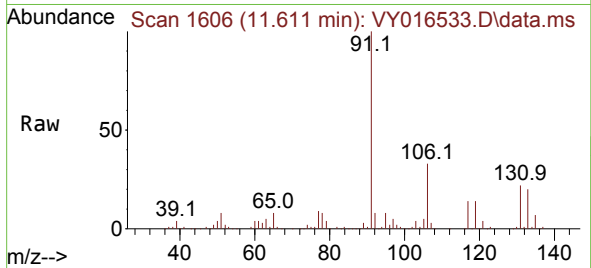




#67
Ethyl Benzene
Concen: 47.822 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

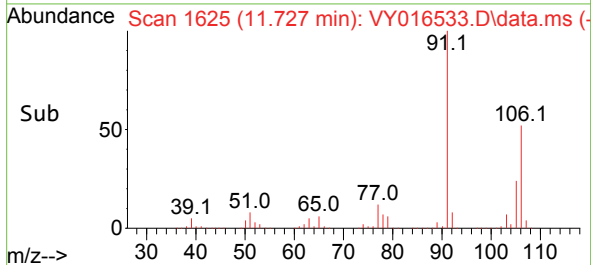
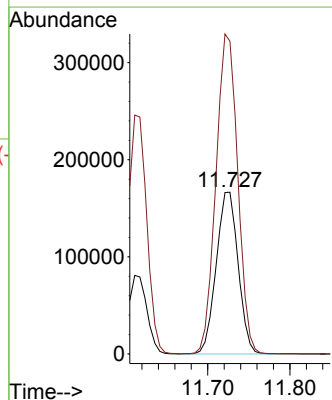
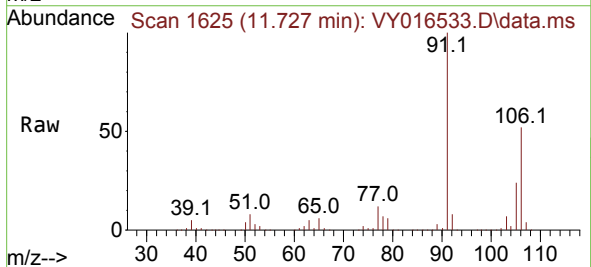
Instrument :
MSVOA_Y
ClientSampleId :

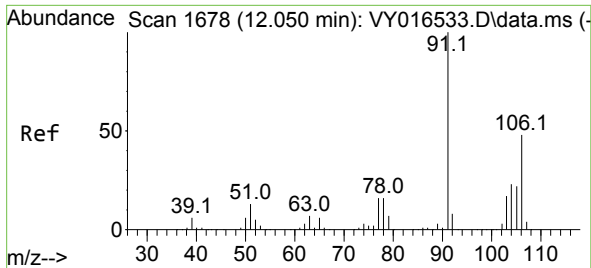
Tgt Ion: 91 Resp: 398971
Ion Ratio Lower Upper
91 100
106 32.9 24.6 36.8



#68
m/p-Xylenes
Concen: 95.539 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:106 Resp: 308473
Ion Ratio Lower Upper
106 100
91 196.9 166.1 249.1

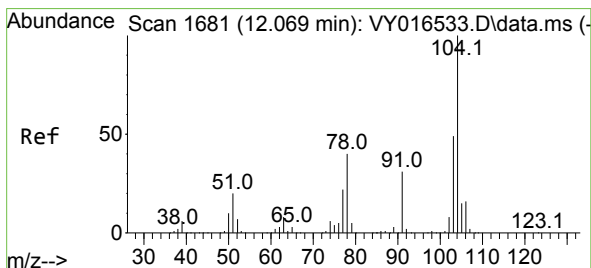
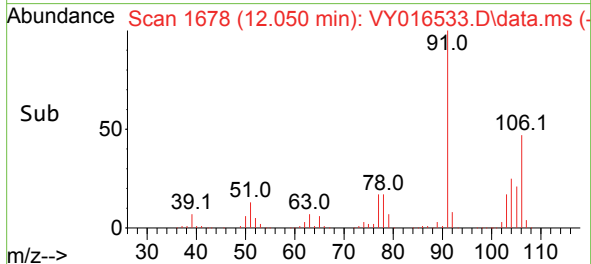
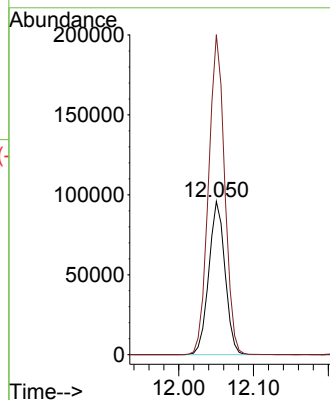
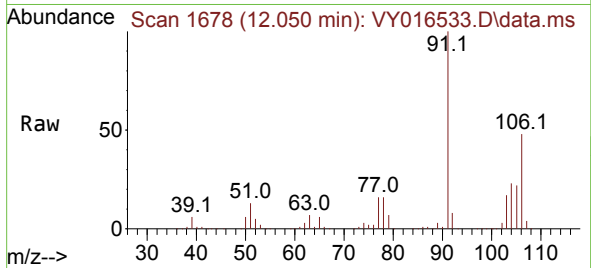




#69
o-Xylene
Concen: 48.676 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

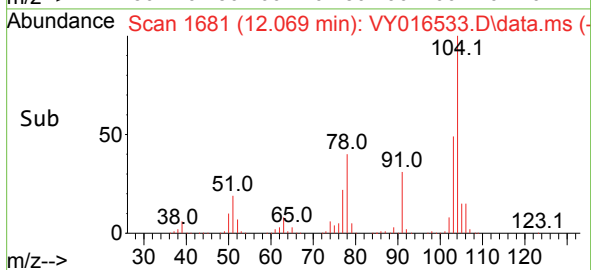
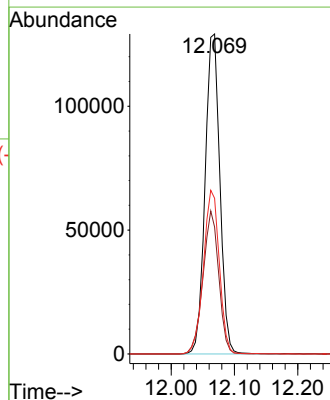
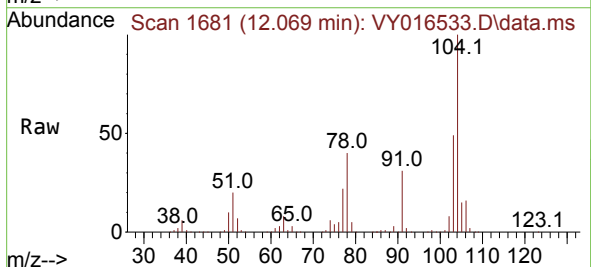
Instrument :
MSVOA_Y
ClientSampleId :

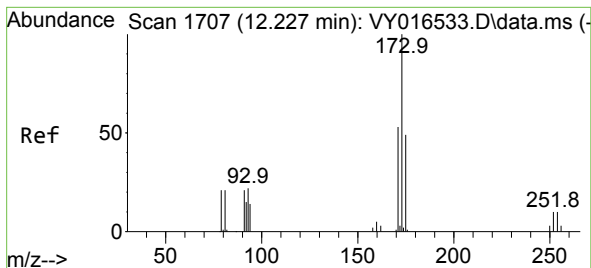
Tgt Ion:106 Resp: 144283
Ion Ratio Lower Upper
106 100
91 207.6 108.1 324.3



#70
Styrene
Concen: 49.331 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion:104 Resp: 210391
Ion Ratio Lower Upper
104 100
78 47.5 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 49.759 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

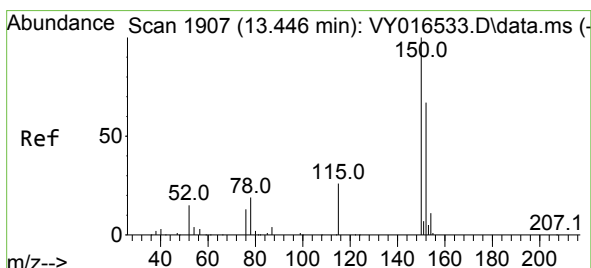
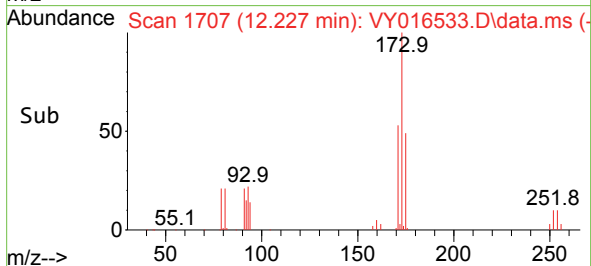
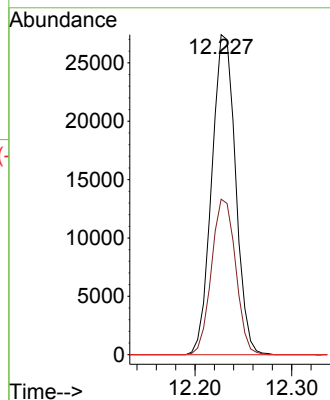
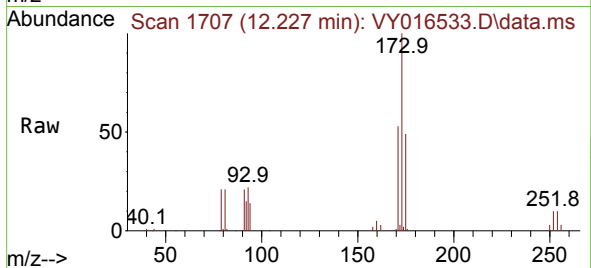
Tgt Ion:173 Resp: 46827

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

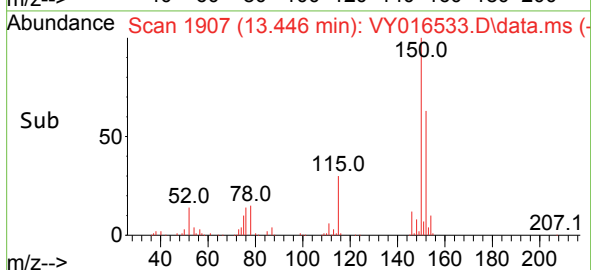
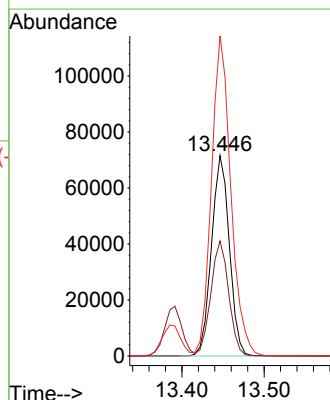
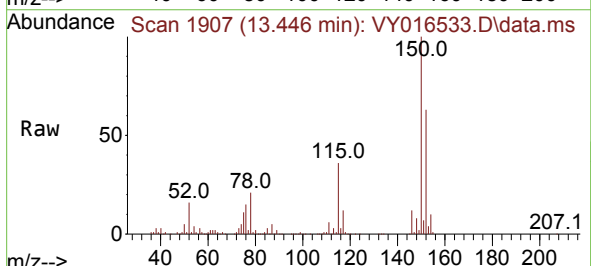
Tgt Ion:152 Resp: 107951

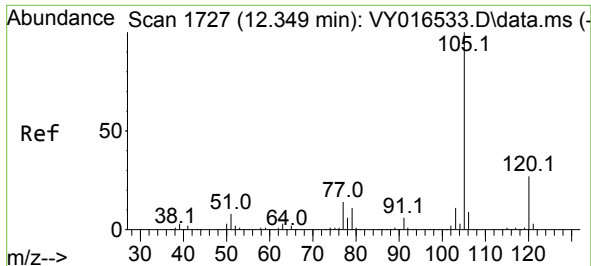
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 173.6 0.0 348.8

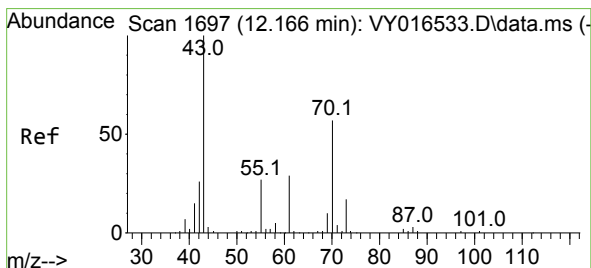
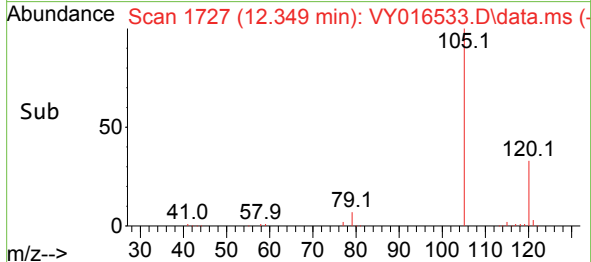
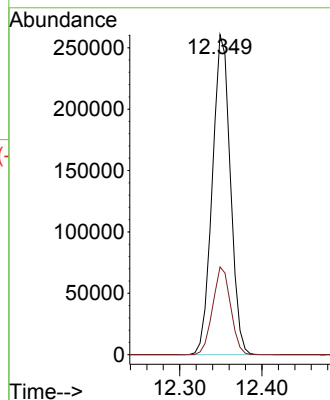
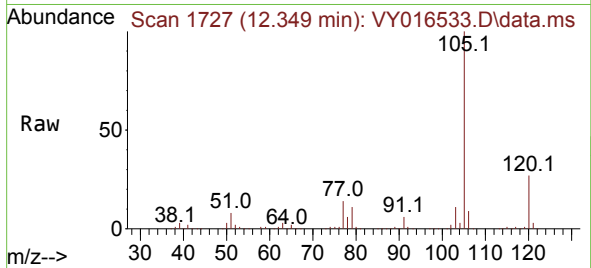




#73
Isopropylbenzene
Concen: 48.489 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

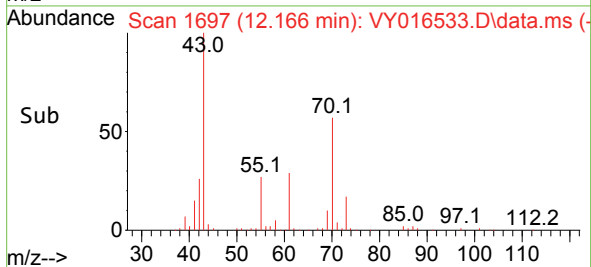
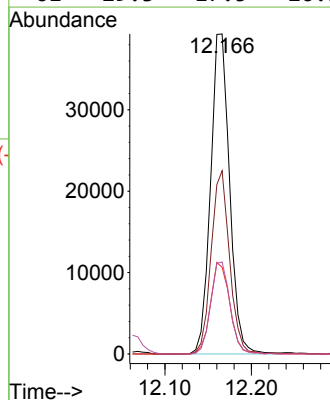
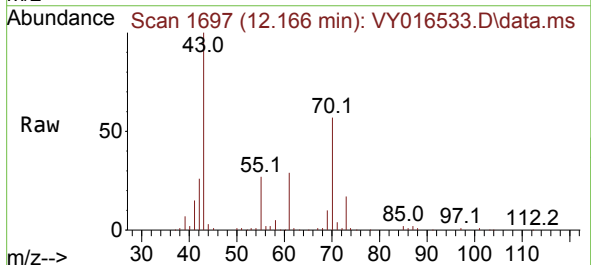
Instrument :
MSVOA_Y
ClientSampleId :

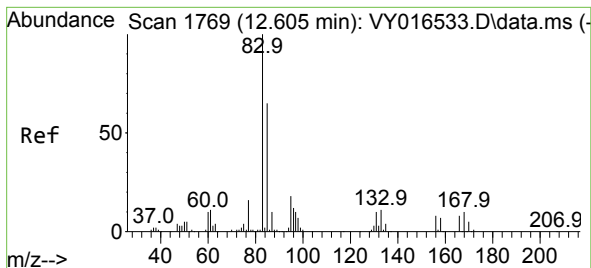
Tgt Ion:105 Resp: 396954
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 51.921 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 43 Resp: 60026
Ion Ratio Lower Upper
43 100
70 55.4 29.7 44.5#
55 29.0 18.3 27.5#
61 29.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.121 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

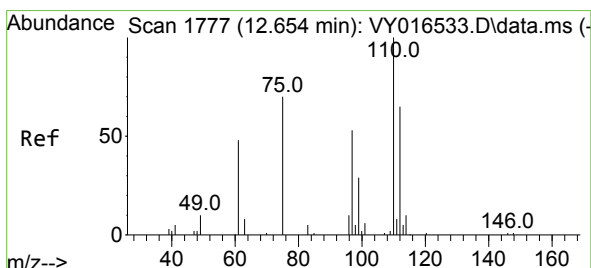
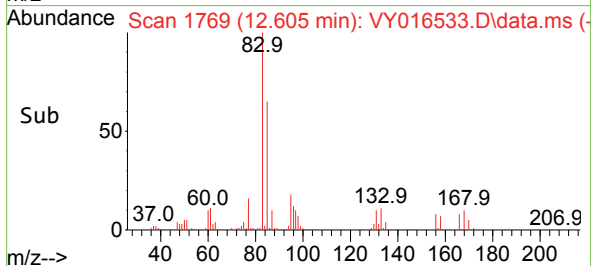
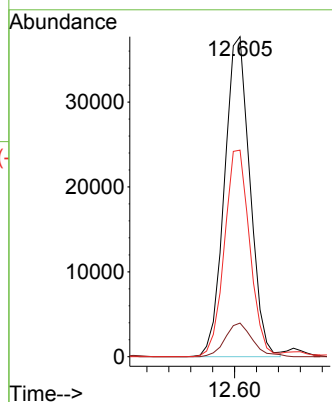
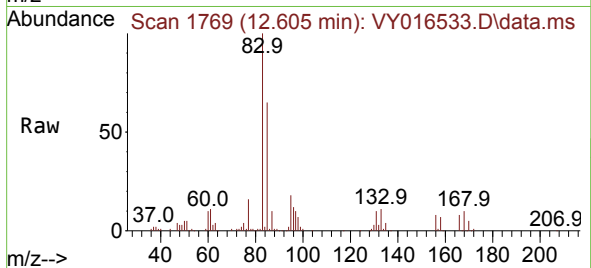
Tgt Ion: 83 Resp: 60908

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.791 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY016533.D

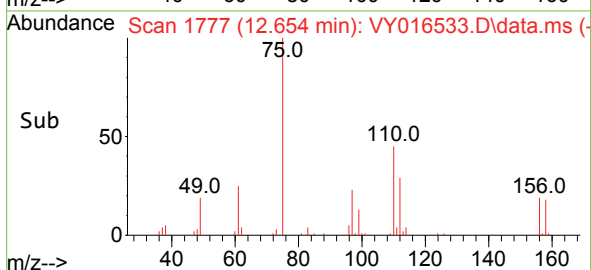
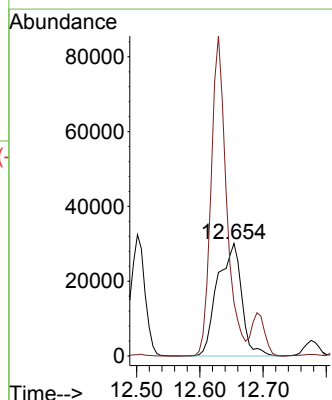
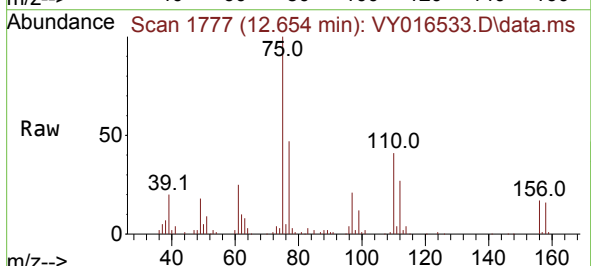
Acq: 29 Nov 2023 12:27

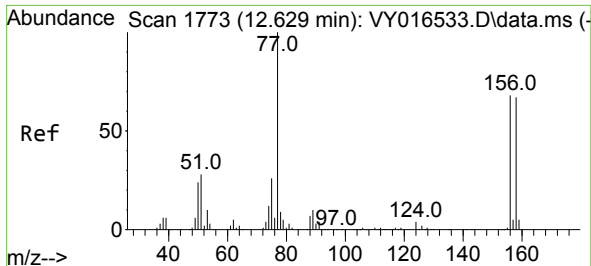
Tgt Ion: 75 Resp: 79835

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

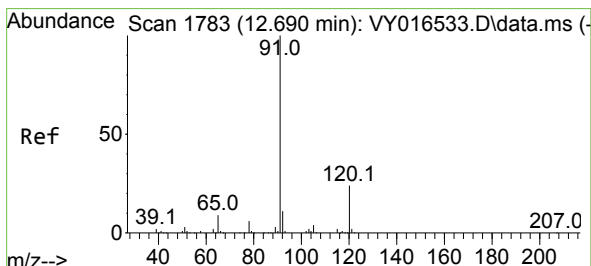
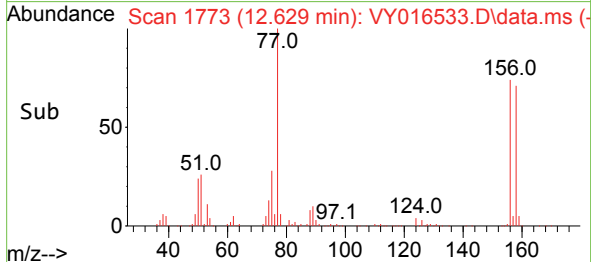
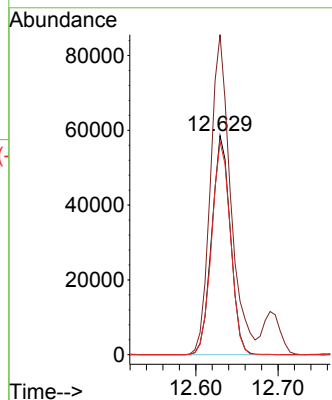
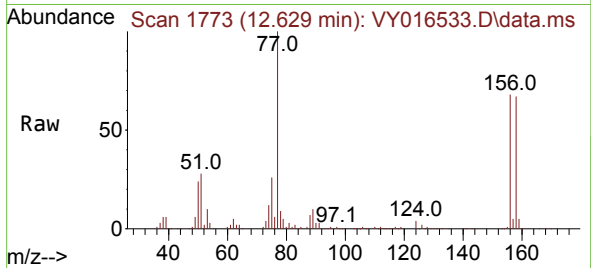




#77
Bromobenzene
Concen: 48.377 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

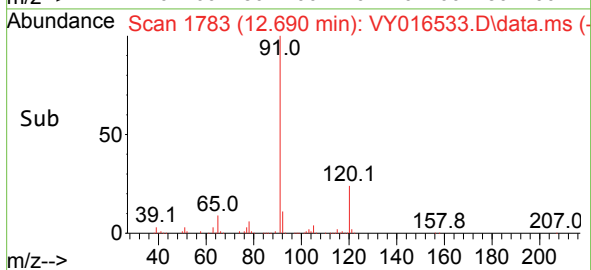
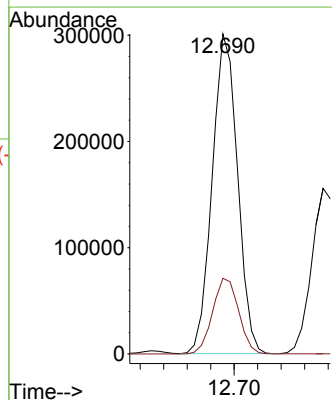
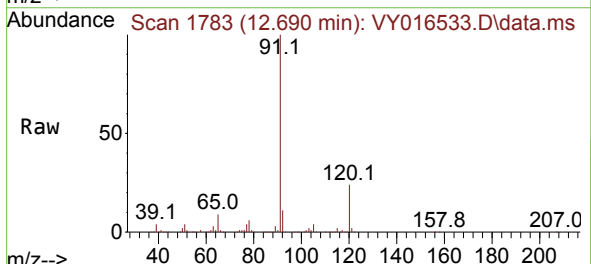
Instrument :
MSVOA_Y
ClientSampleId :

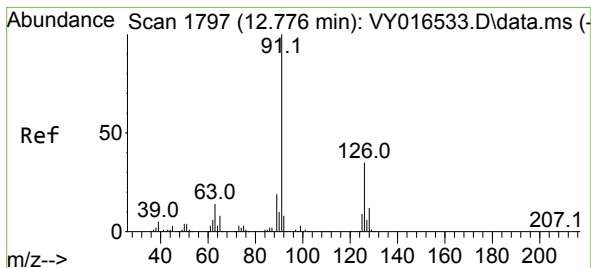
Tgt Ion:156 Resp: 92216
Ion Ratio Lower Upper
156 100
77 158.4 92.8 278.6
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 48.095 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 91 Resp: 450446
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.782 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

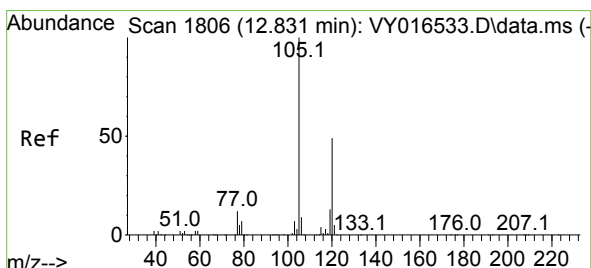
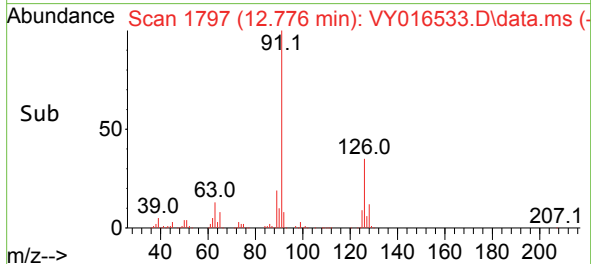
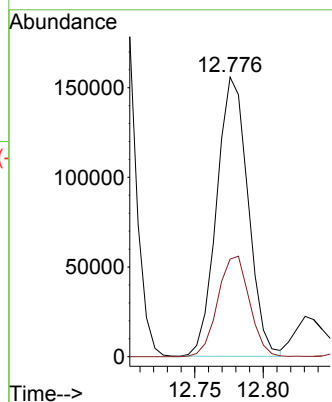
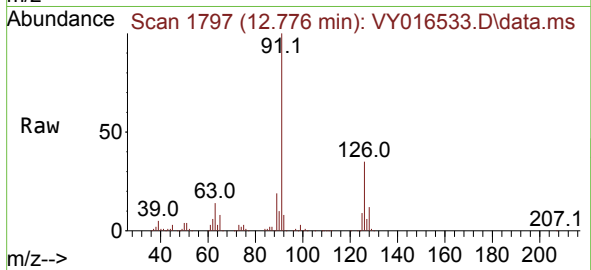
ClientSampleId :

Tgt Ion: 91 Resp: 248906

Ion Ratio Lower Upper

91 100

126 36.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.544 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY016533.D

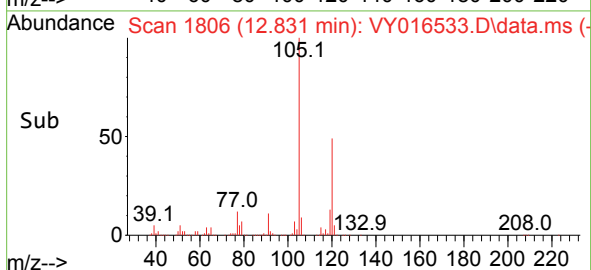
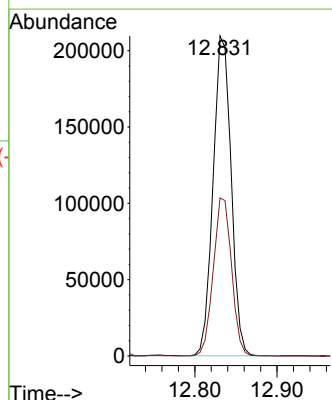
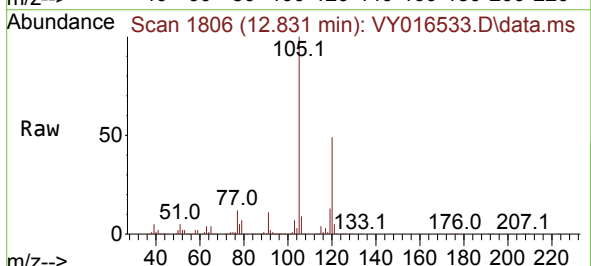
Acq: 29 Nov 2023 12:27

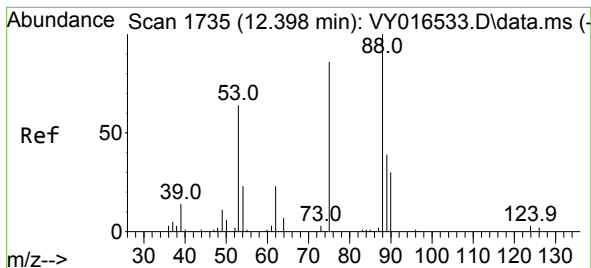
Tgt Ion:105 Resp: 319458

Ion Ratio Lower Upper

105 100

120 50.0 23.9 71.7

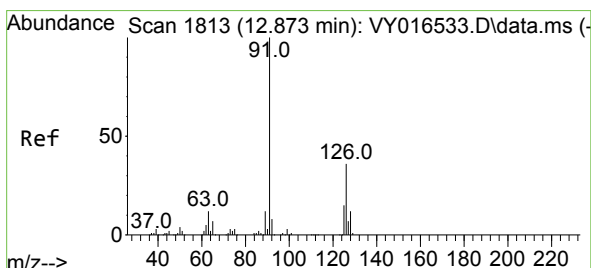
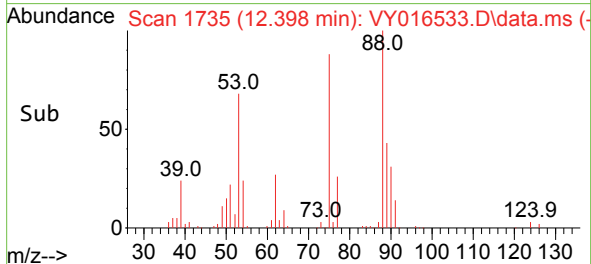
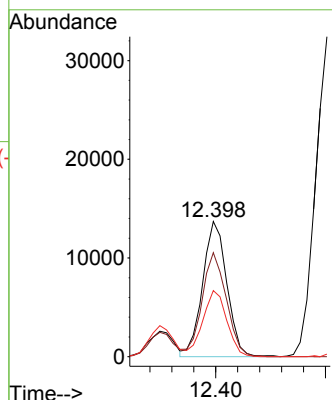
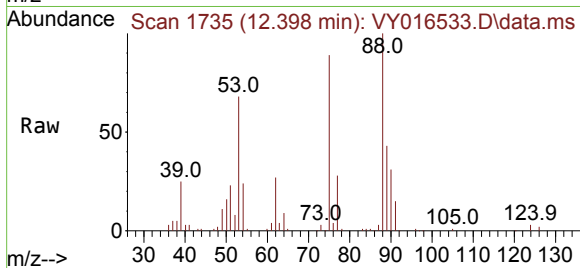




#81
trans-1,4-Dichloro-2-butene
Concen: 50.516 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

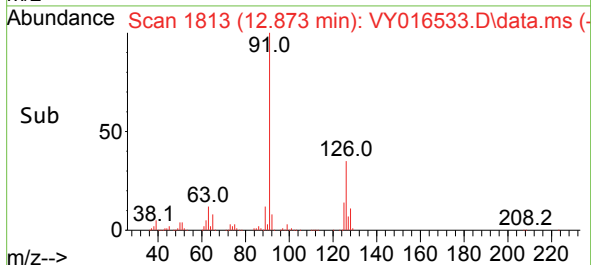
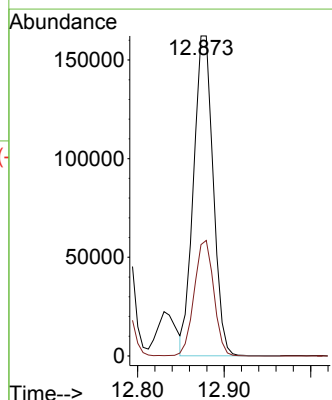
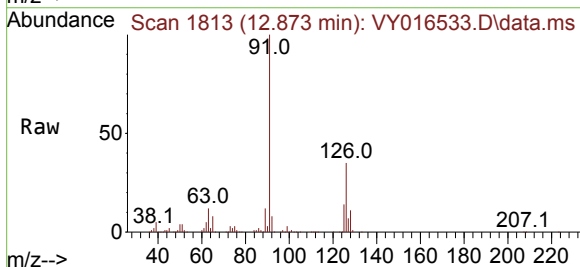
Instrument :
MSVOA_Y
ClientSampleId :

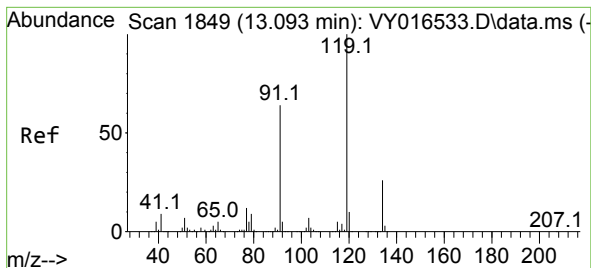
Tgt Ion: 75 Resp: 20994
Ion Ratio Lower Upper
75 100
53 77.7 77.8 116.8#
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.693 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 91 Resp: 255087
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.640 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

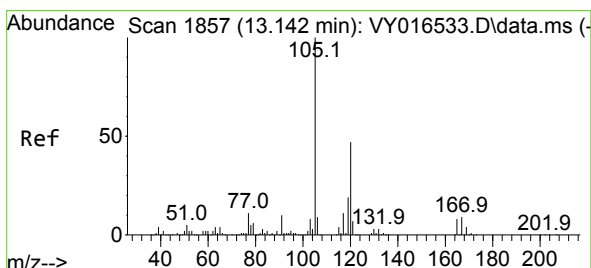
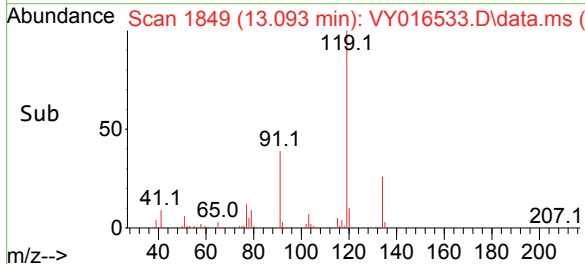
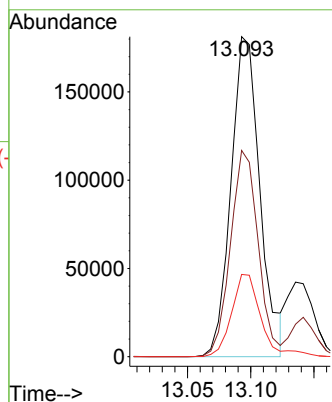
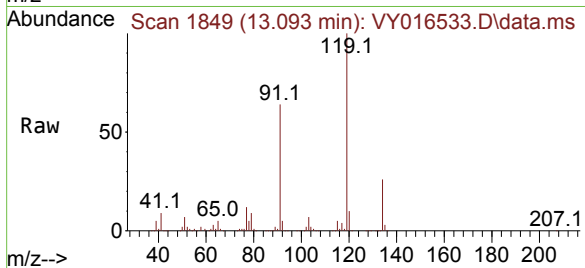
Tgt Ion:119 Resp: 288868

Ion Ratio Lower Upper

119 100

91 61.7 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.435 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY016533.D

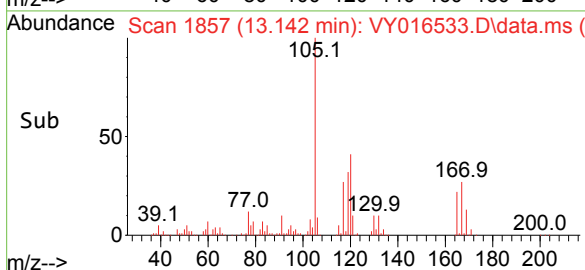
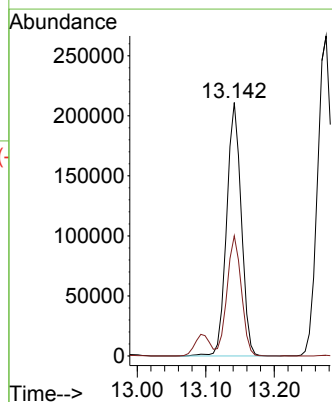
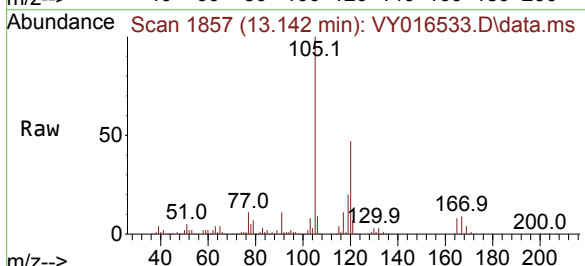
Acq: 29 Nov 2023 12:27

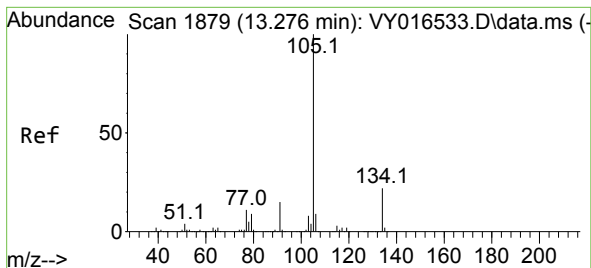
Tgt Ion:105 Resp: 310320

Ion Ratio Lower Upper

105 100

120 46.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.472 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

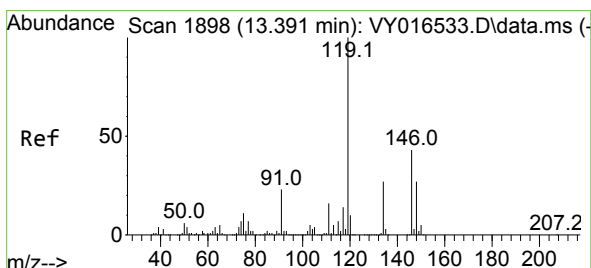
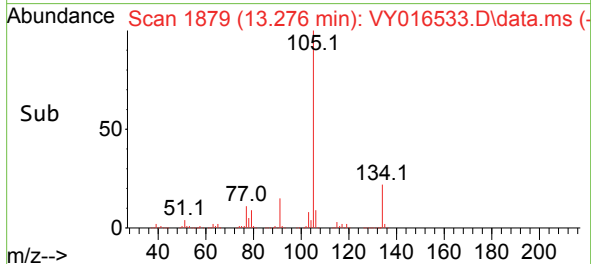
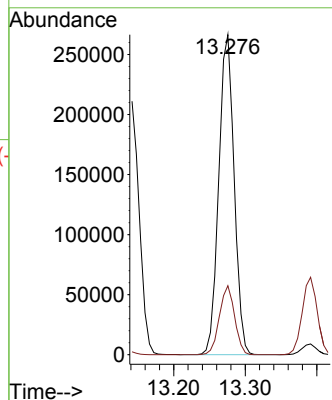
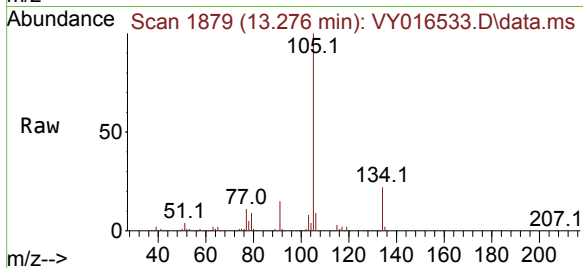
ClientSampleId :

Tgt Ion:105 Resp: 398142

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.646 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

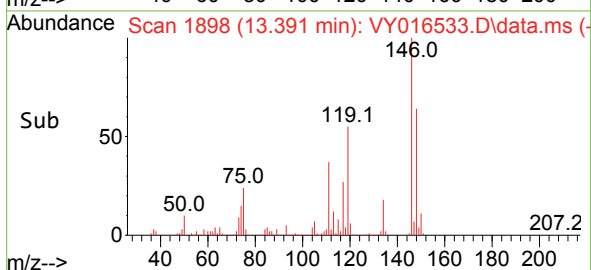
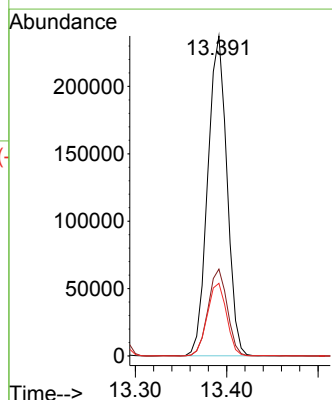
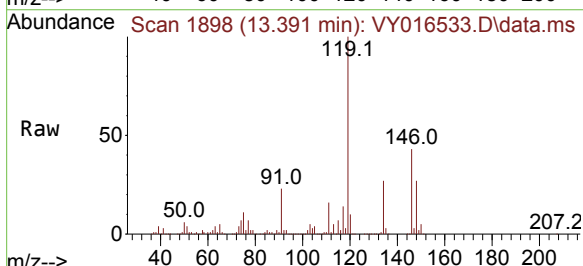
Tgt Ion:119 Resp: 345235

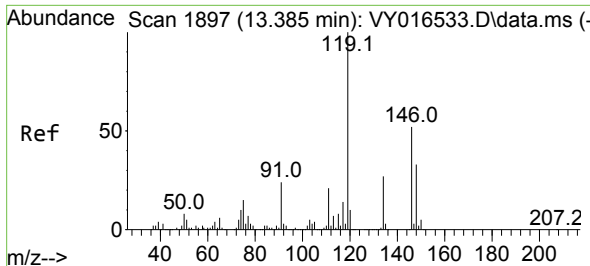
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 22.9 12.4 37.4

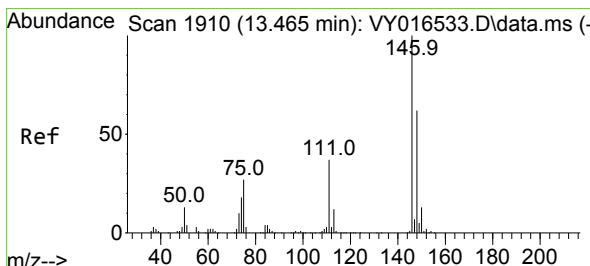
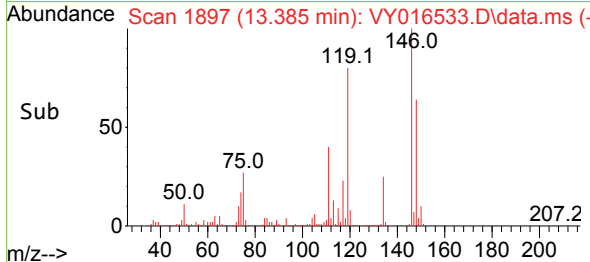
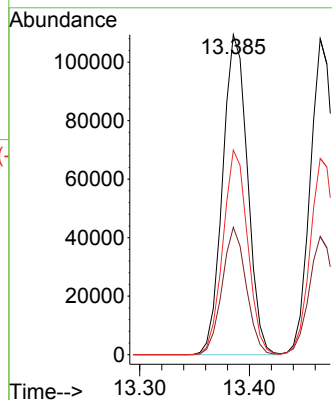
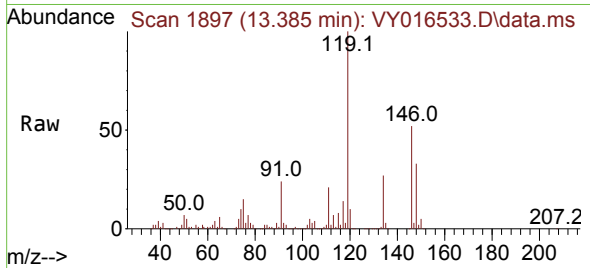




#87
 1,3-Dichlorobenzene
 Concen: 47.989 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

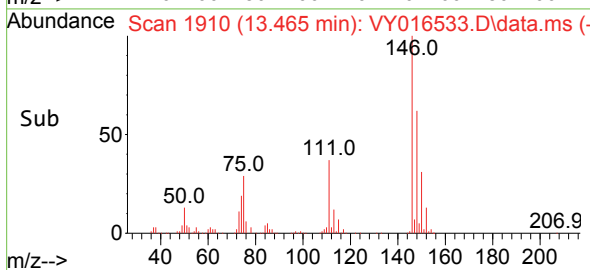
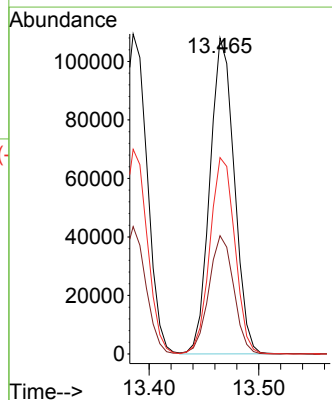
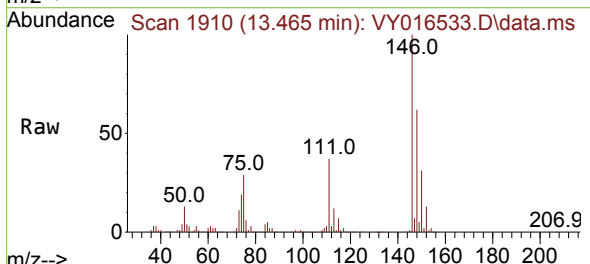
Instrument :
 MSVOA_Y
 ClientSampleId :

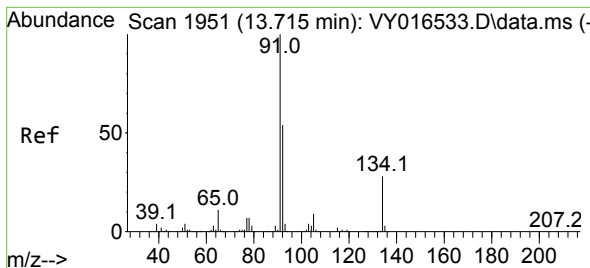
Tgt Ion:146 Resp: 172730
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 63.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.360 ug/l
 RT: 13.465 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY016533.D
 Acq: 29 Nov 2023 12:27

Tgt Ion:146 Resp: 166849
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 63.8 32.1 96.5

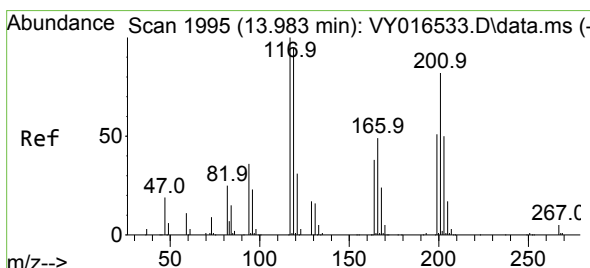
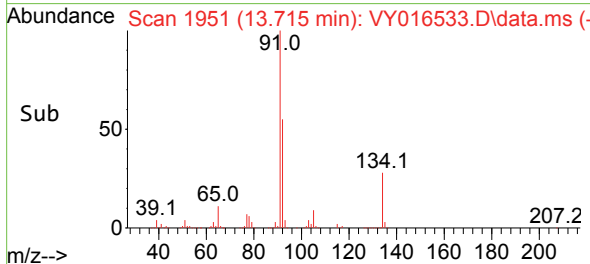
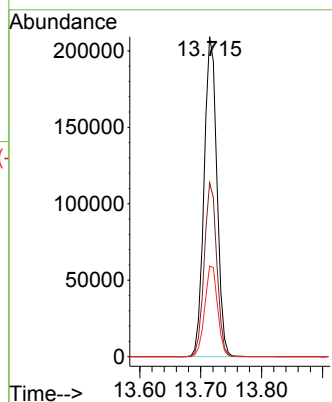
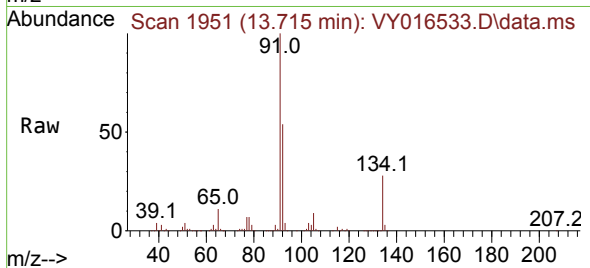




#89
n-Butylbenzene
Concen: 49.302 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

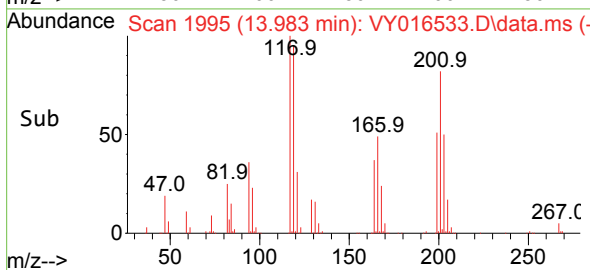
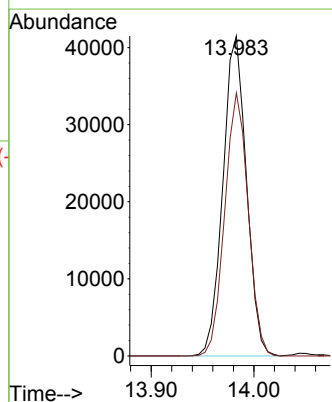
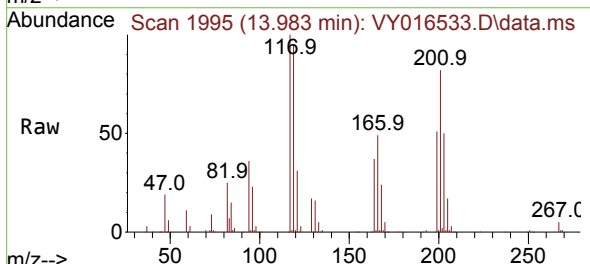
Instrument :
MSVOA_Y
ClientSampleId :

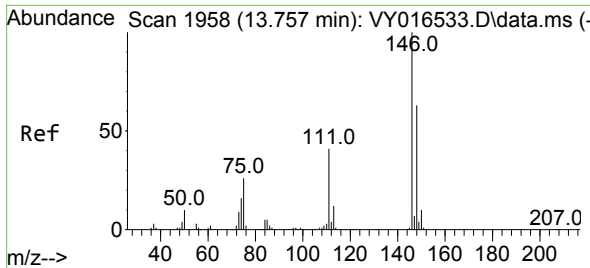
Tgt Ion: 91 Resp: 306684
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 28.4 12.6 37.6



#90
Hexachloroethane
Concen: 47.683 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 117 Resp: 66025
Ion Ratio Lower Upper
117 100
201 81.7 41.6 124.8

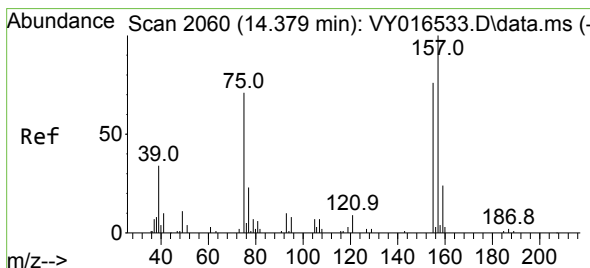
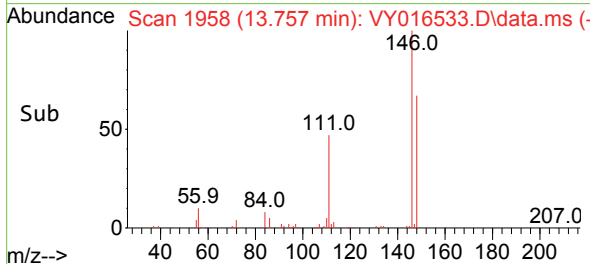
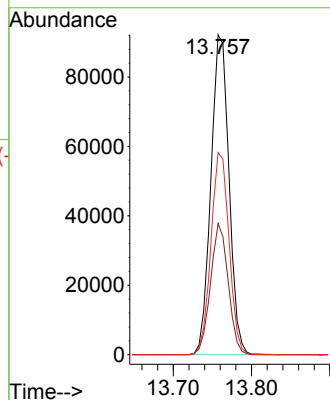
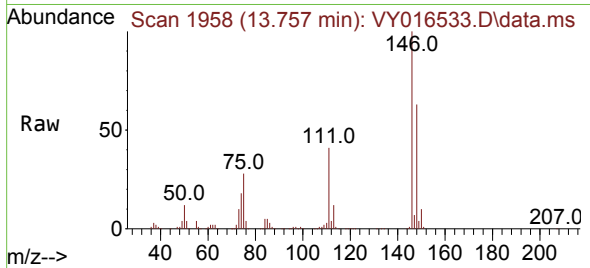




#91
1,2-Dichlorobenzene
Concen: 48.399 ug/l
RT: 13.757 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

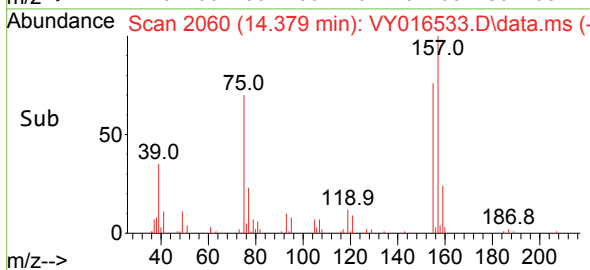
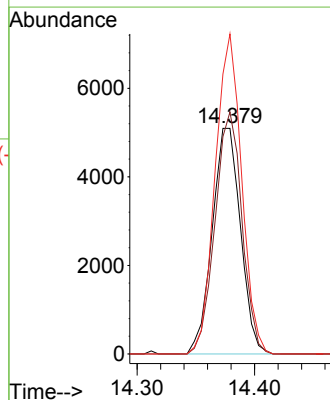
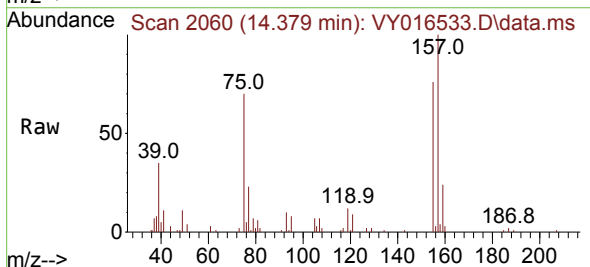
Instrument :
MSVOA_Y
ClientSampleId :

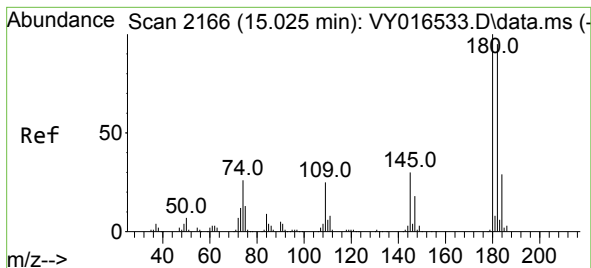
Tgt Ion:146 Resp: 147638
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.866 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016533.D
Acq: 29 Nov 2023 12:27

Tgt Ion: 75 Resp: 8525
Ion Ratio Lower Upper
75 100
155 102.2 41.5 124.6
157 132.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.722 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

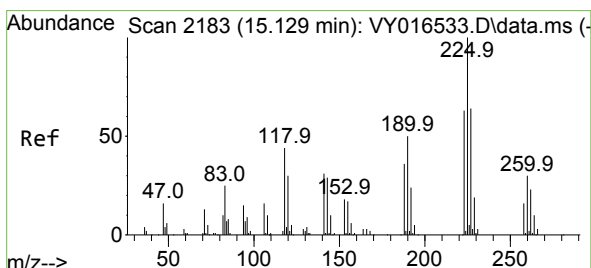
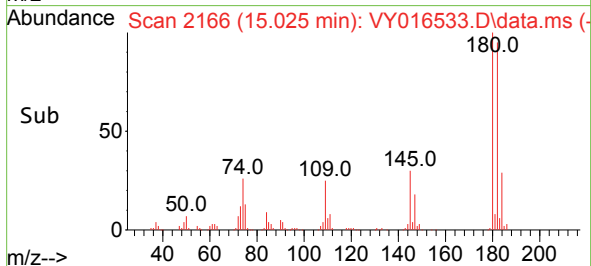
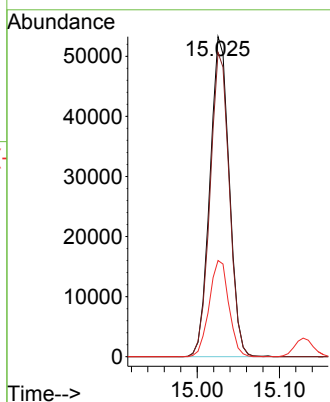
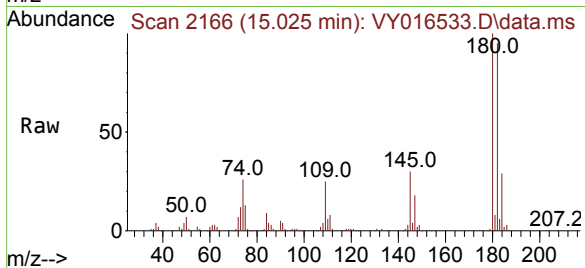
Tgt Ion:180 Resp: 86853

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.501 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

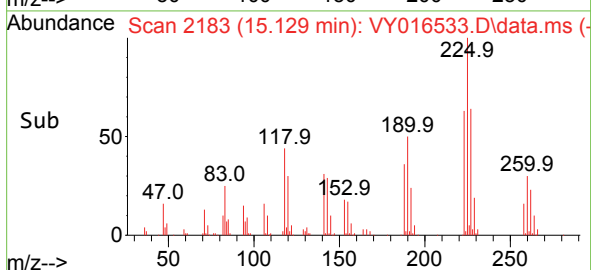
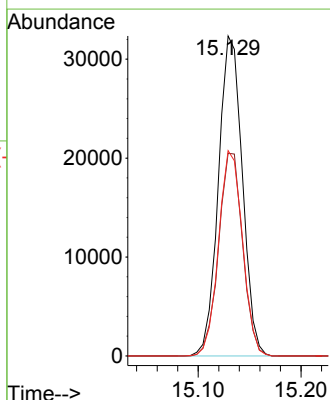
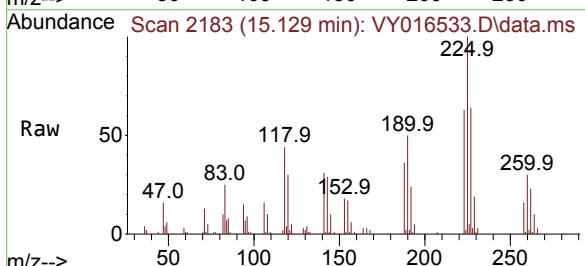
Tgt Ion:225 Resp: 52296

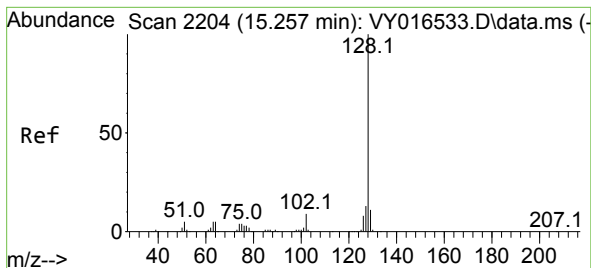
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 45.761 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

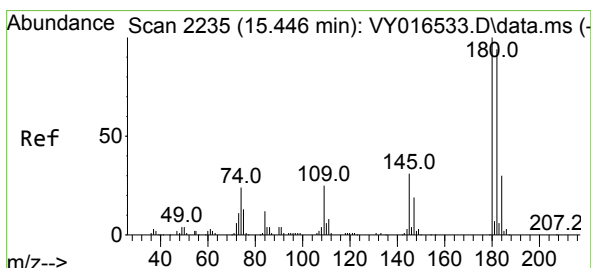
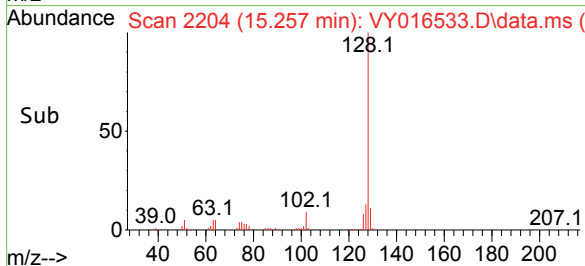
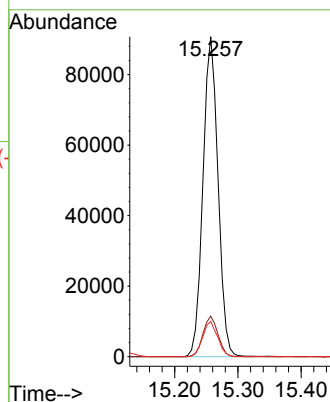
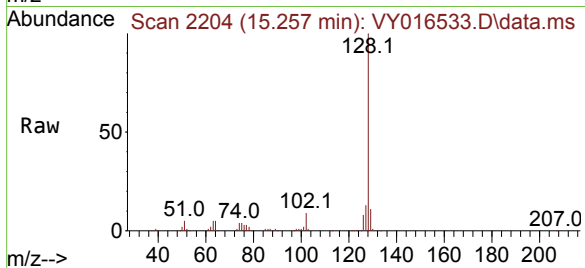
Tgt Ion:128 Resp: 150413

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: 45.671 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. -0.000 min

Lab File: VY016533.D

Acq: 29 Nov 2023 12:27

Tgt Ion:180 Resp: 69004

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.5 15.4 46.2

