

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016663.D
 Acq On : 16 Dec 2023 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:35:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	229509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89263	47.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.722	113	95441	49.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.185	98	366376	48.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.483	95	115811	46.807	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83869	46.888	ug/l	95
3) Chloromethane	2.113	50	128143	45.972	ug/l	99
4) Vinyl Chloride	2.253	62	152944	47.797	ug/l	97
5) Bromomethane	2.656	94	102040	44.554	ug/l	98
6) Chloroethane	2.796	64	96731	46.477	ug/l	93
7) Trichlorofluoromethane	3.131	101	169600	47.455	ug/l	100
8) Diethyl Ether	3.528	74	54246	48.591	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	105391	47.681	ug/l	94
10) Methyl Iodide	4.095	142	114125	49.610	ug/l	94
11) Tert butyl alcohol	4.948	59	30852	203.691	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	98748	47.390	ug/l	91
13) Acrolein	3.729	56	23749	216.329	ug/l	100
14) Allyl chloride	4.485	41	135596	47.996	ug/l #	94
15) Acrylonitrile	5.167	53	109810	236.365	ug/l	97
16) Acetone	3.948	43	129693	298.009	ug/l	89
17) Carbon Disulfide	4.198	76	321502	48.783	ug/l	100
18) Methyl Acetate	4.479	43	83521	47.648	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	238259	48.766	ug/l	100
20) Methylene Chloride	4.722	84	111588	47.142	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	116489	47.984	ug/l	93
22) Diisopropyl ether	6.125	45	298216	49.253	ug/l	87
23) Vinyl Acetate	6.064	43	732441	245.501	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	188358	47.671	ug/l	96
25) 2-Butanone	6.984	43	164028	260.621	ug/l	92
26) 2,2-Dichloropropane	6.984	77	168549	48.047	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	126999	48.441	ug/l	91
28) Bromochloromethane	7.338	49	71915	51.354	ug/l	90
29) Tetrahydrofuran	7.350	42	87321	239.322	ug/l #	85
30) Chloroform	7.509	83	196544	47.830	ug/l	96
31) Cyclohexane	7.795	56	171529	46.288	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	177514	48.153	ug/l	98
36) 1,1-Dichloropropene	7.923	75	157623	49.292	ug/l	99
37) Ethyl Acetate	7.076	43	62417	47.365	ug/l	95
38) Carbon Tetrachloride	7.905	117	157387	48.999	ug/l	95
39) Methylcyclohexane	9.185	83	200126	49.794	ug/l	94
40) Benzene	8.161	78	452806	48.314	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	81760	123.169	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	116603	48.678	ug/l	93
43) Isopropyl Acetate	8.277	43	116793	48.223	ug/l #	88
44) Trichloroethene	8.947	130	124294	47.619	ug/l	98
45) 1,2-Dichloropropane	9.222	63	107927	49.293	ug/l	97
46) Dibromomethane	9.307	93	59917	49.483	ug/l	94
47) Bromodichloromethane	9.502	83	149675	48.923	ug/l	99
48) Methyl methacrylate	9.295	41	65942	49.170	ug/l #	85
49) 1,4-Dioxane	9.295	88	12604	971.724	ug/l #	65
51) 4-Methyl-2-Pentanone	10.075	43	310649	244.565	ug/l	90
52) Toluene	10.246	92	288339	49.115	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	141112	48.893	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	170127	49.026	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	82066	48.235	ug/l	99
56) Ethyl methacrylate	10.514	69	75497	51.181	ug/l #	81
57) 1,3-Dichloropropane	10.795	76	137826	48.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	209215	206.444	ug/l	95
59) 2-Hexanone	10.837	43	250993	240.856	ug/l	86
60) Dibromochloromethane	10.990	129	100837	48.904	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77026	48.237	ug/l	99
64) Tetrachloroethene	10.727	164	122813	48.006	ug/l	98
65) Chlorobenzene	11.520	112	296642	48.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	109670	49.234	ug/l	98
67) Ethyl Benzene	11.599	91	544172	49.661	ug/l	96
68) m/p-Xylenes	11.703	106	419649	99.269	ug/l	92
69) o-Xylene	12.032	106	192428	49.765	ug/l	96
70) Styrene	12.050	104	283284	50.566	ug/l	96
71) Bromoform	12.215	173	58328	48.285	ug/l #	99
73) Isopropylbenzene	12.331	105	521550	49.388	ug/l	99
74) N-amyl acetate	12.148	43	95529	48.263	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.587	83	85580	47.635	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	112595	81.874	ug/l #	100
77) Bromobenzene	12.611	156	119527	48.310	ug/l	92
78) n-propylbenzene	12.672	91	624495	49.475	ug/l	100
79) 2-Chlorotoluene	12.764	91	331706	47.856	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	420485	49.797	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28755	47.783	ug/l	91
82) 4-Chlorotoluene	12.855	91	351654	49.061	ug/l	97
83) tert-Butylbenzene	13.081	119	372104	50.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	417800	49.889	ug/l	97
85) sec-Butylbenzene	13.258	105	541938	50.126	ug/l	99
86) p-Isopropyltoluene	13.373	119	471449	51.074	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	234092	48.680	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	226850	47.975	ug/l	99
89) n-Butylbenzene	13.703	91	439044	51.200	ug/l	98
90) Hexachloroethane	13.965	117	88126	47.966	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	198743	48.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11681	44.922	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	111718	50.124	ug/l	100
94) Hexachlorobutadiene	15.117	225	63340	47.345	ug/l	99
95) Naphthalene	15.239	128	196516	50.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	90177	49.081	ug/l	100

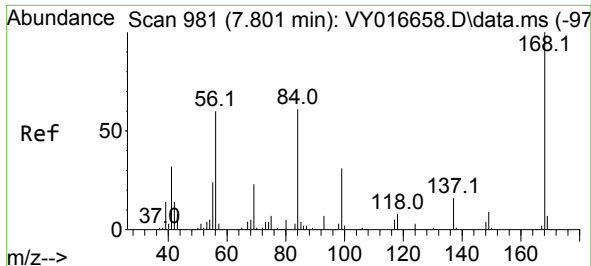
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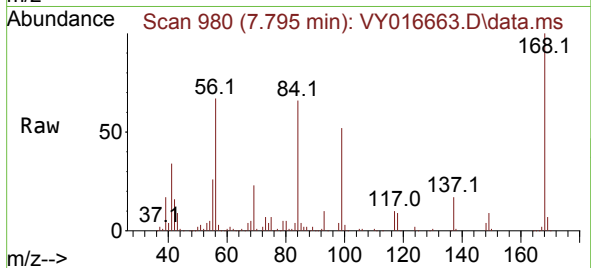
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

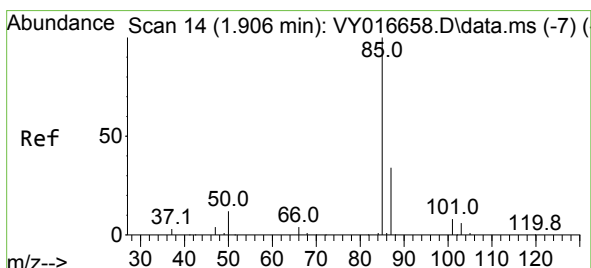
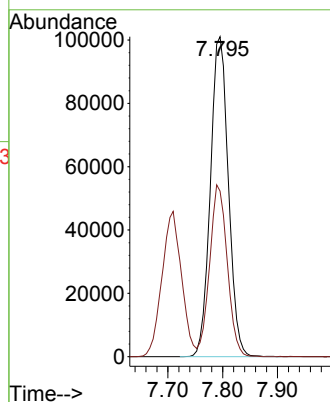
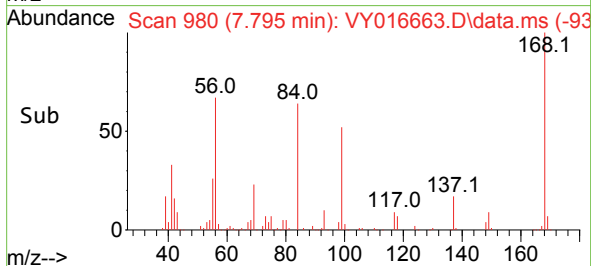


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

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MSVOA_Y
ClientSampleId :

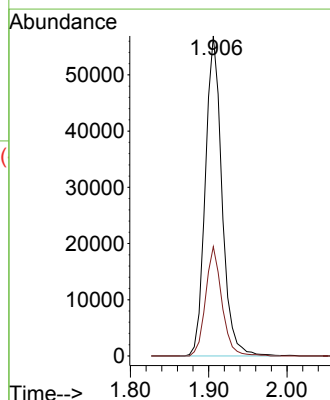
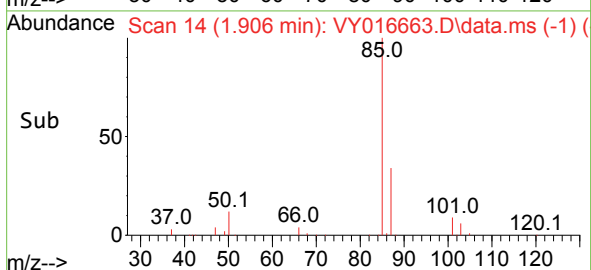
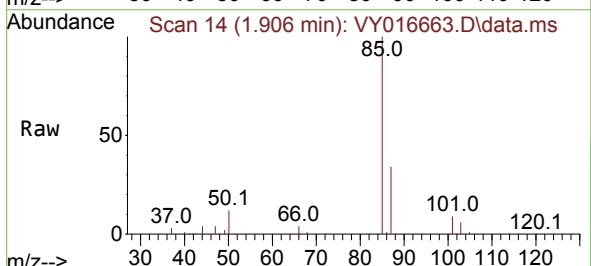


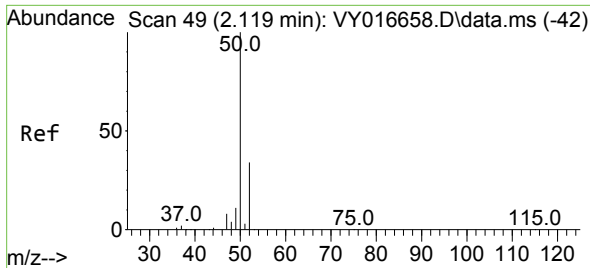
Tgt Ion:168 Resp: 229509
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.888 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 85 Resp: 83869
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.8

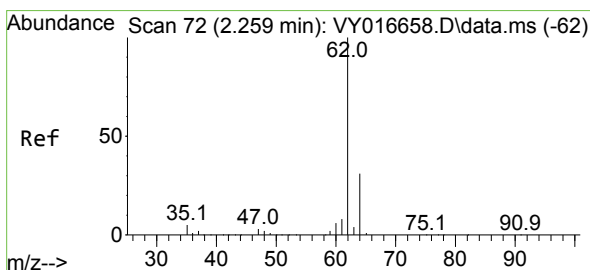
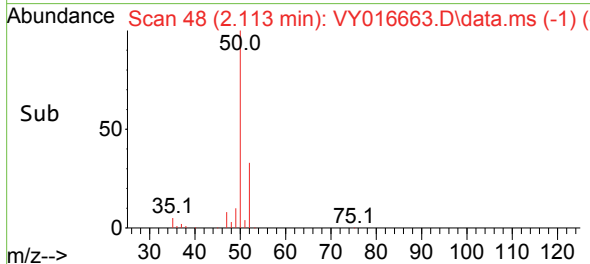
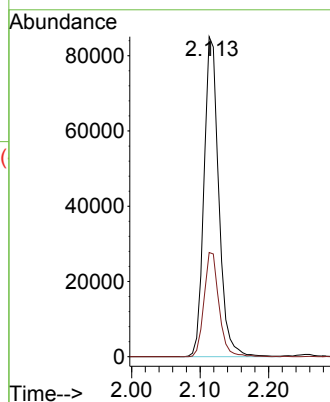
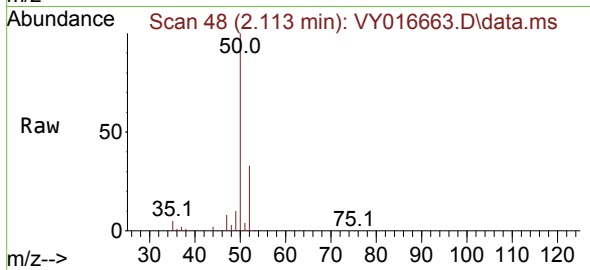




#3
Chloromethane
Concen: 45.972 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

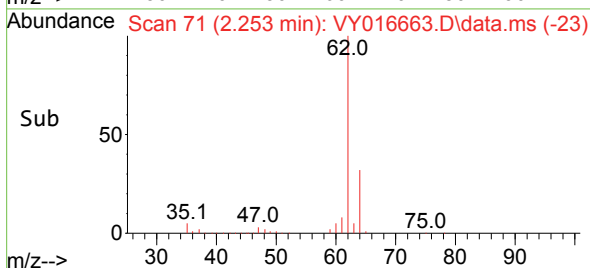
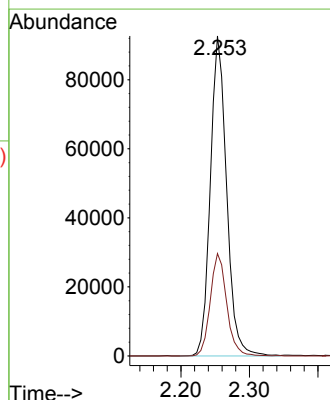
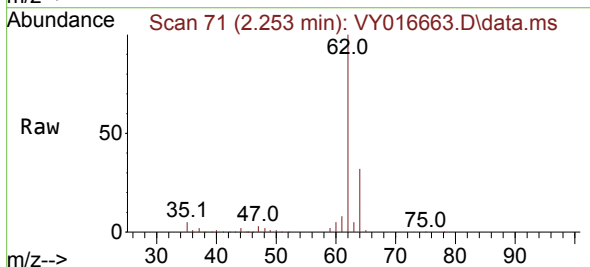
Instrument :
MSVOA_Y
ClientSampleId :

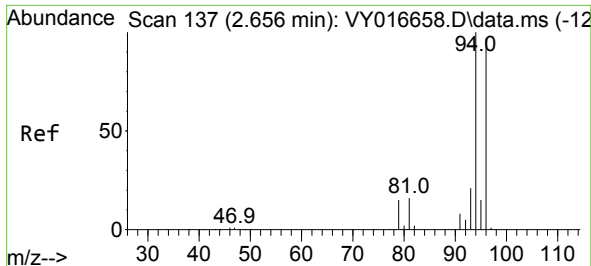
Tgt Ion: 50 Resp: 128143
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 47.797 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 62 Resp: 152944
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

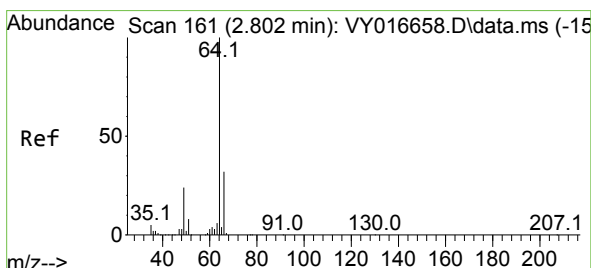
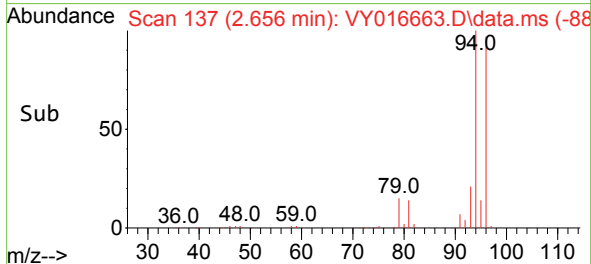
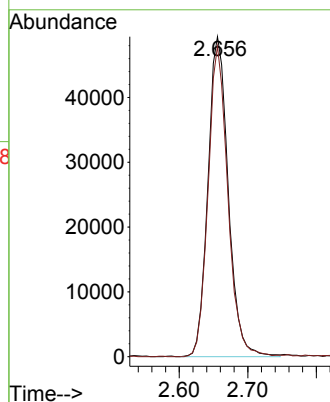
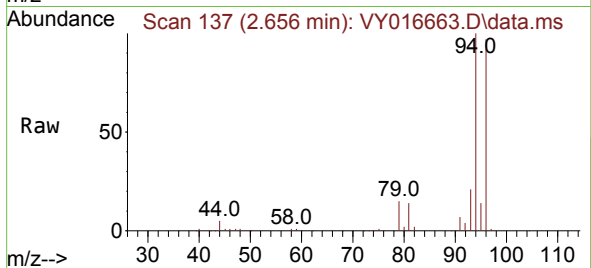




#5
Bromomethane
Concen: 44.554 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

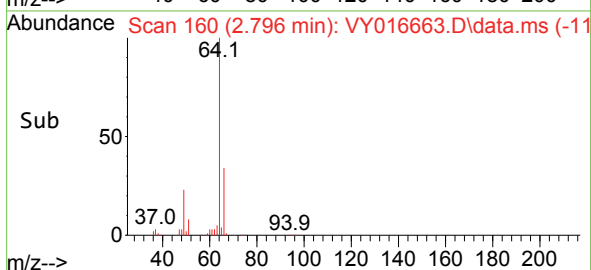
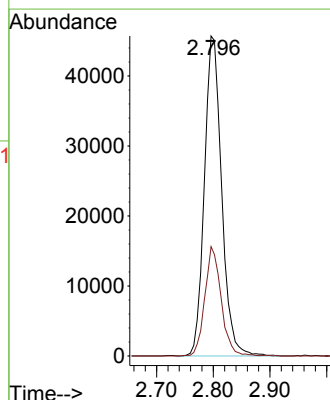
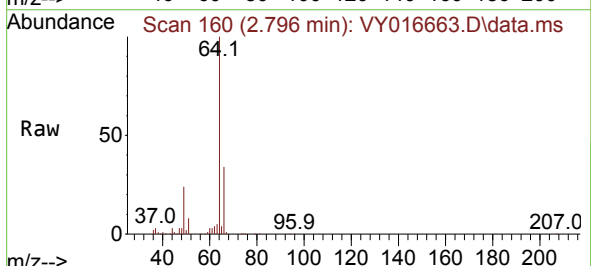
Instrument :
MSVOA_Y
ClientSampleId :

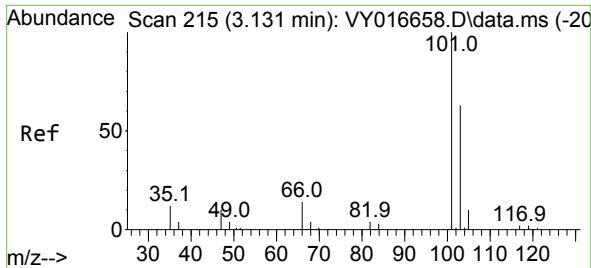
Tgt Ion: 94 Resp: 102040
Ion Ratio Lower Upper
94 100
96 97.1 75.8 113.6



#6
Chloroethane
Concen: 46.477 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

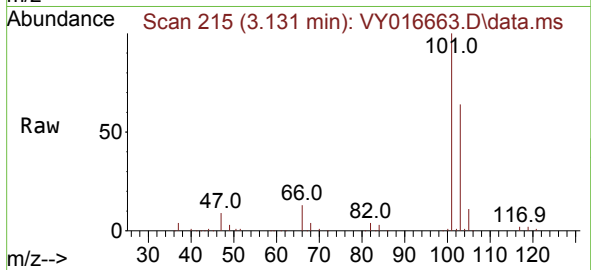
Tgt Ion: 64 Resp: 96731
Ion Ratio Lower Upper
64 100
66 34.1 24.4 36.6



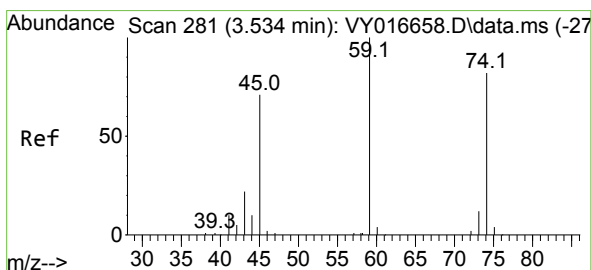
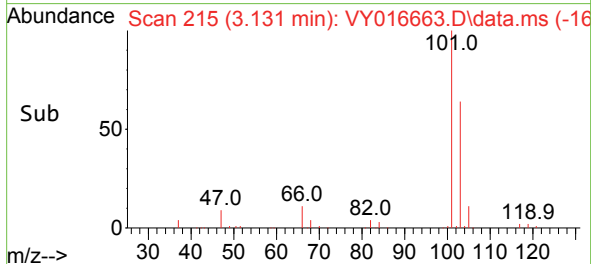
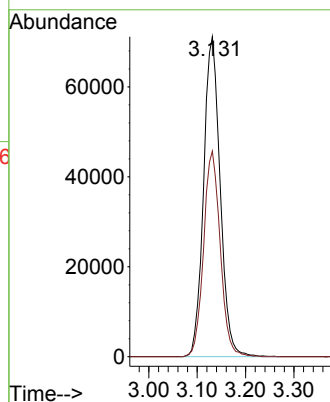


#7
 Trichlorofluoromethane
 Concen: 47.455 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
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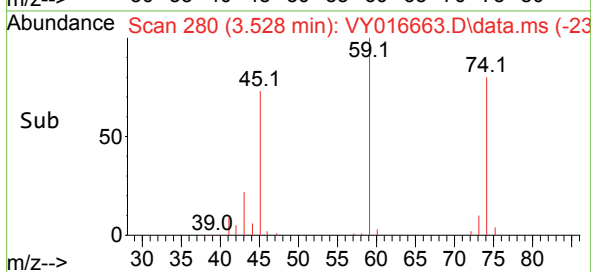
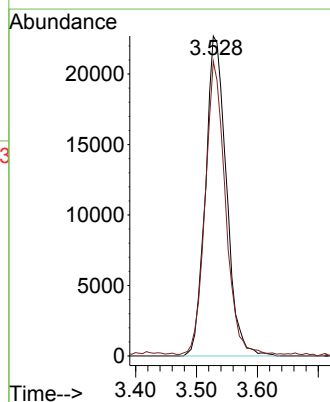
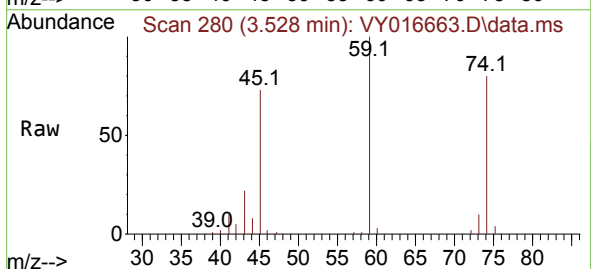


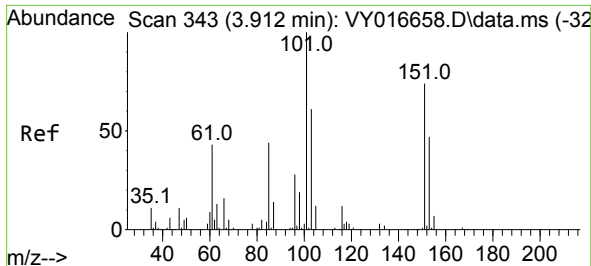
Tgt Ion:101 Resp: 169600
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.591 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion: 74 Resp: 54246
 Ion Ratio Lower Upper
 74 100
 45 88.0 51.5 154.5

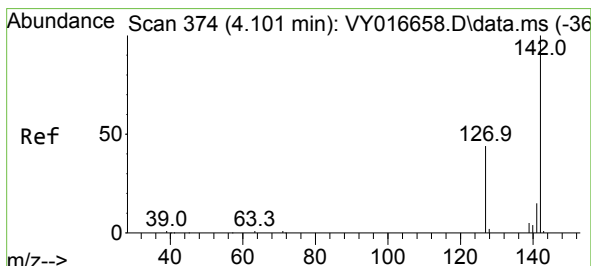
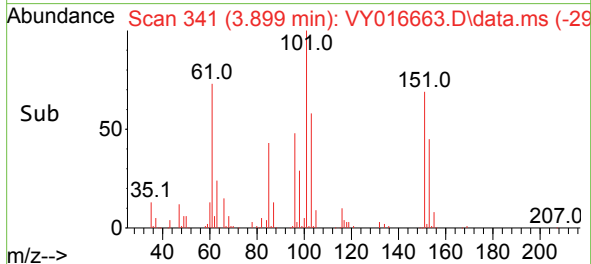
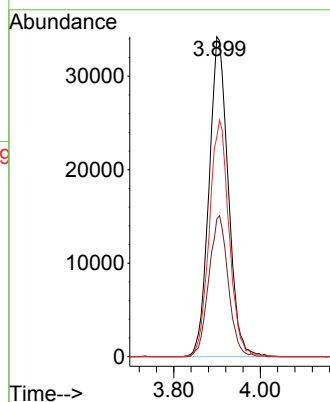
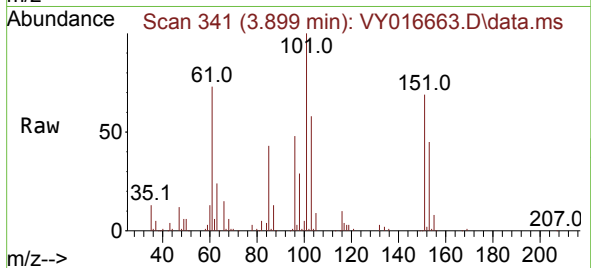




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.681 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016663.D
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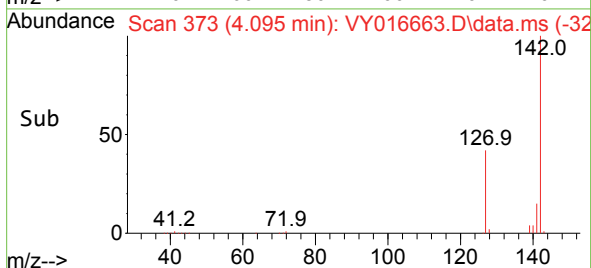
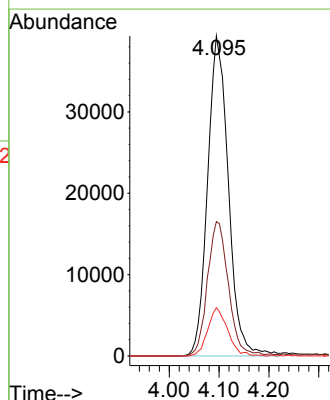
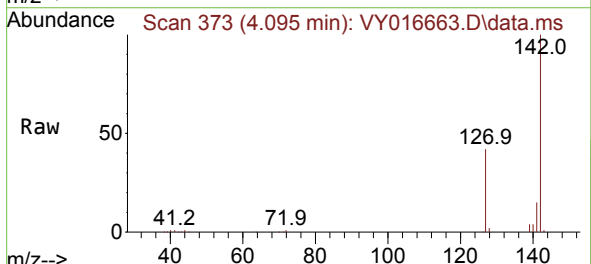
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MSVOA_Y
ClientSampleId :

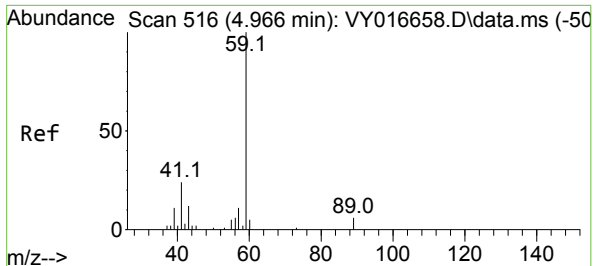
Tgt Ion:101 Resp: 105391
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 76.1 67.0 100.6



#10
Methyl Iodide
Concen: 49.610 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:142 Resp: 114125
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 203.691 ug/l

RT: 4.948 min Scan# 516

Delta R.T. -0.018 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

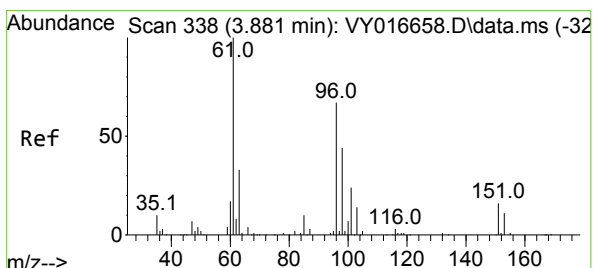
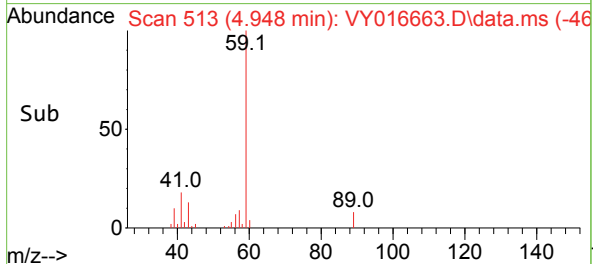
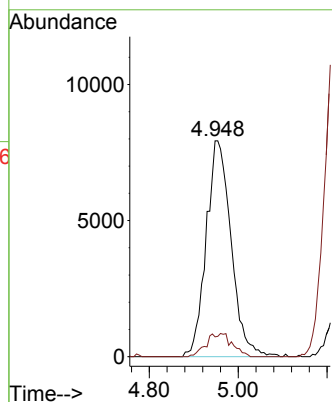
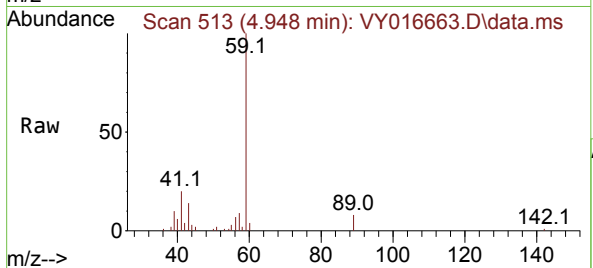
ClientSampleId :

Tgt Ion: 59 Resp: 30852

Ion Ratio Lower Upper

59 100

57 4.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 47.390 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

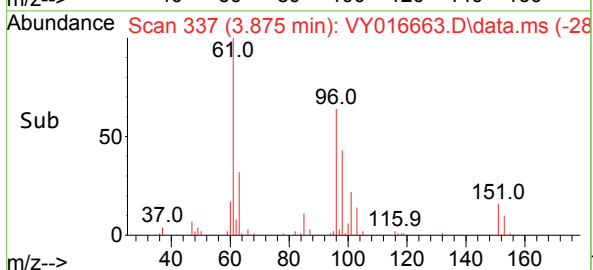
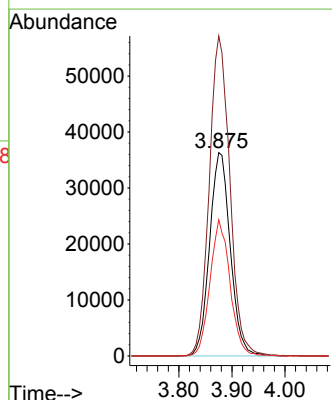
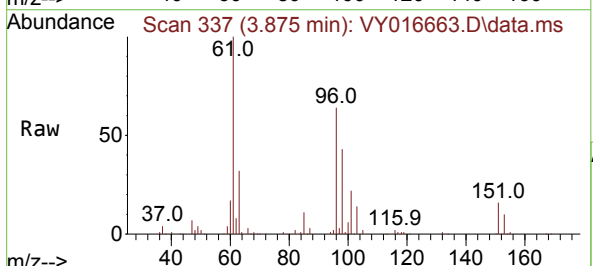
Tgt Ion: 96 Resp: 98748

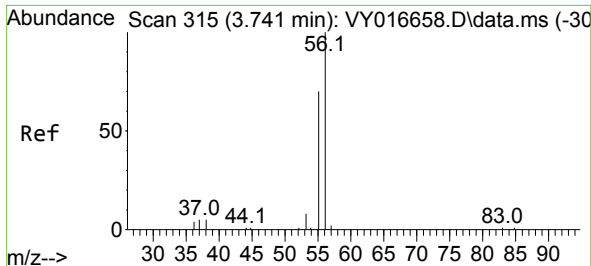
Ion Ratio Lower Upper

96 100

61 157.3 136.4 204.6

98 66.9 49.4 74.2

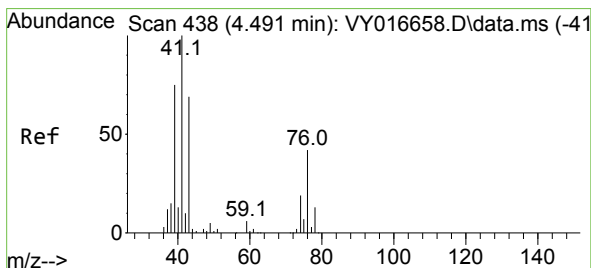
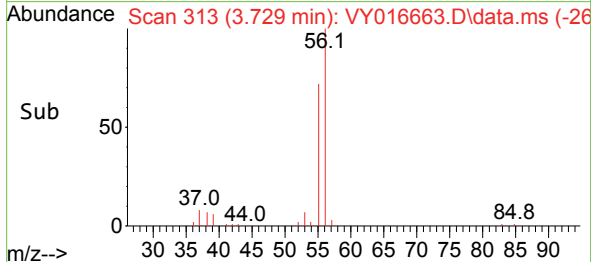
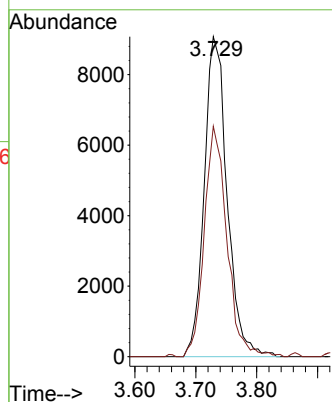
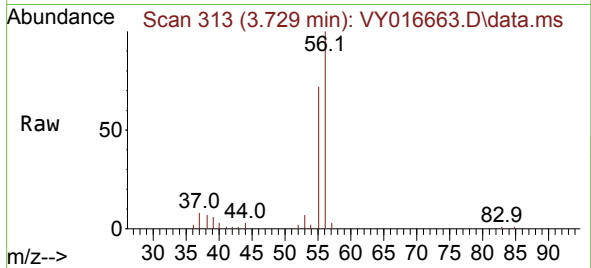




#13
Acrolein
Concen: 216.329 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

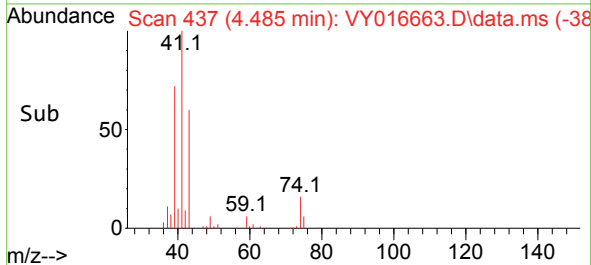
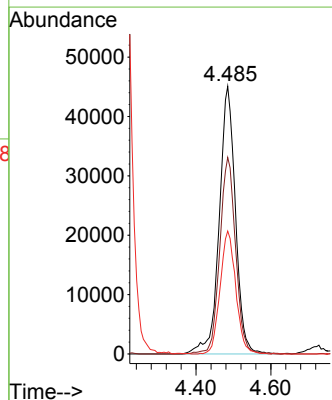
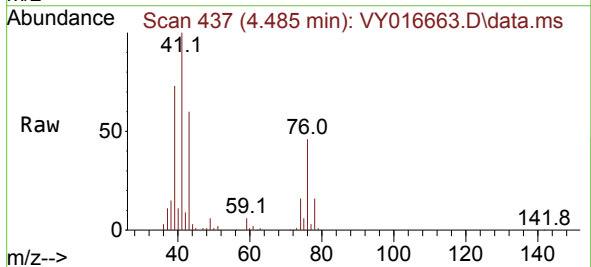
Instrument :
MSVOA_Y
ClientSampleId :

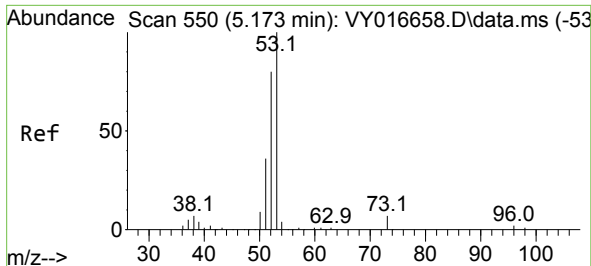
Tgt Ion: 56 Resp: 23749
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 47.996 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

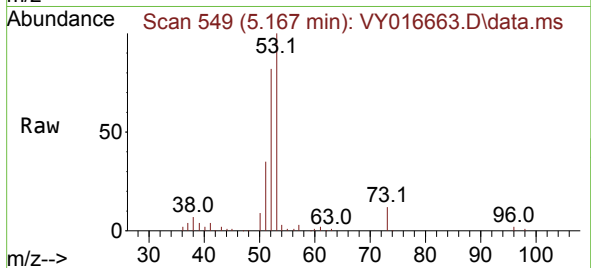
Tgt Ion: 41 Resp: 135596
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 44.5 27.4 41.2#



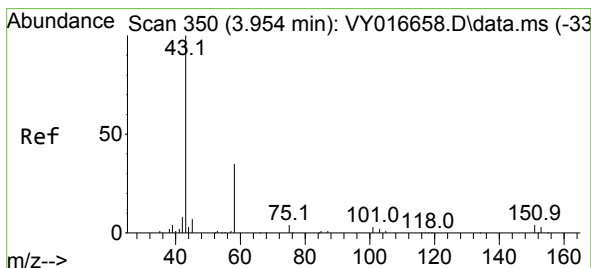
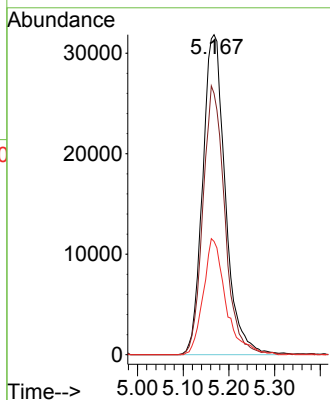
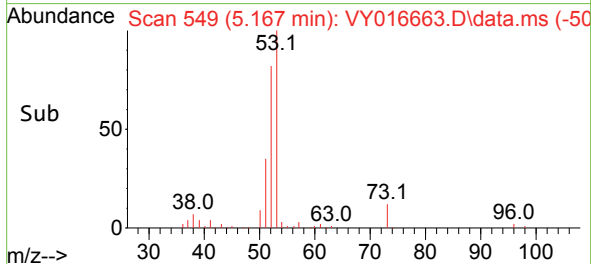


#15
Acrylonitrile
Concen: 236.365 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

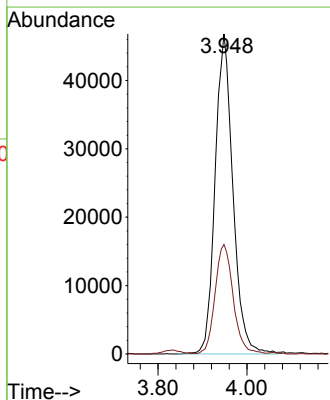
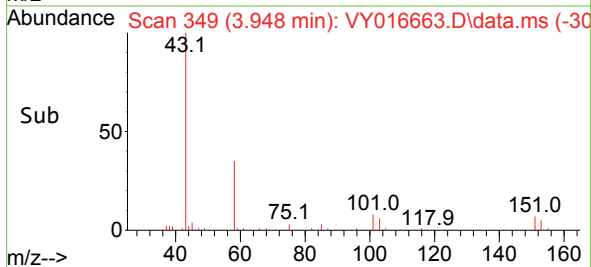
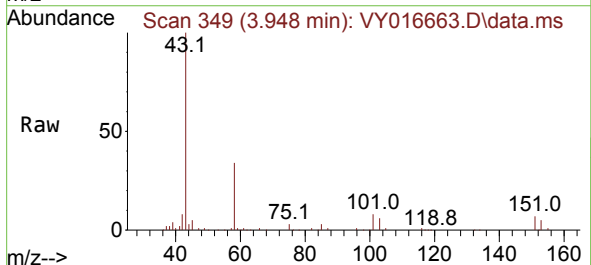


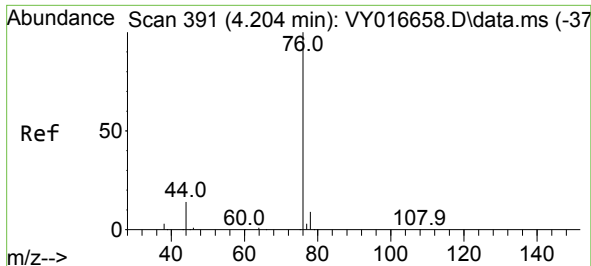
Tgt Ion: 53 Resp: 109810
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 298.009 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 43 Resp: 129693
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1

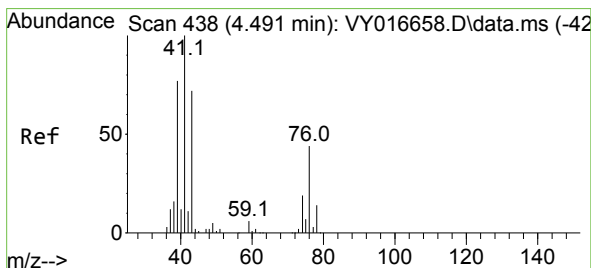
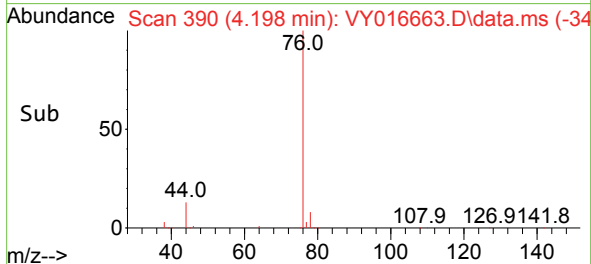
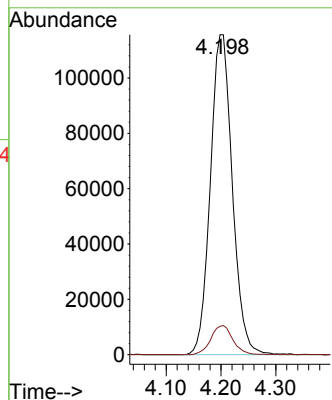
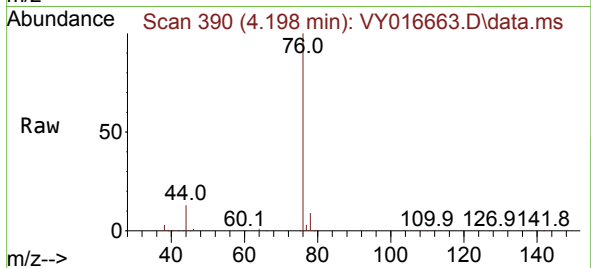




#17
Carbon Disulfide
Concen: 48.783 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

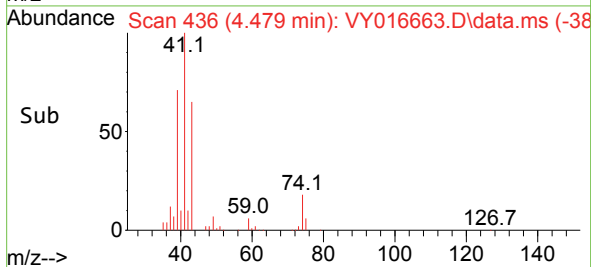
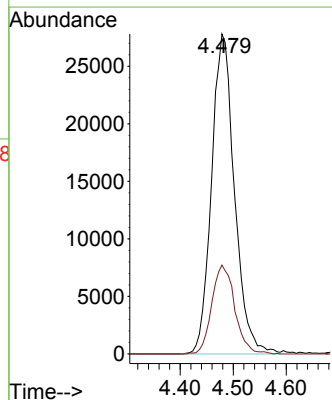
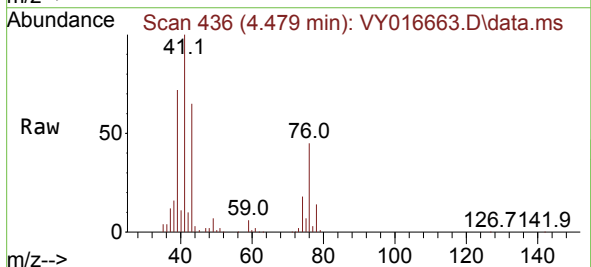
Instrument :
MSVOA_Y
ClientSampleId :

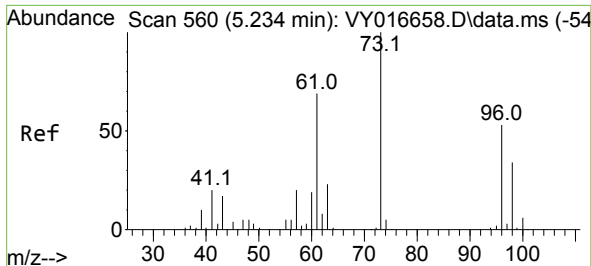
Tgt Ion: 76 Resp: 321502
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 47.648 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

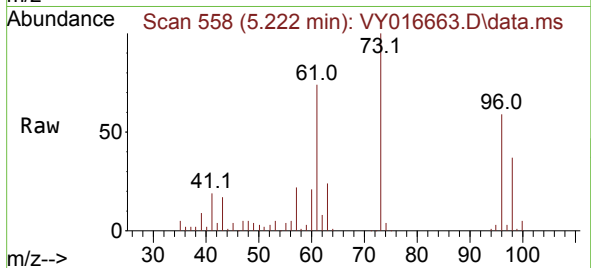
Tgt Ion: 43 Resp: 83521
Ion Ratio Lower Upper
43 100
74 27.8 17.4 26.0#



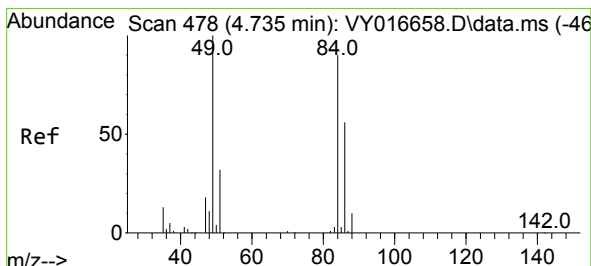
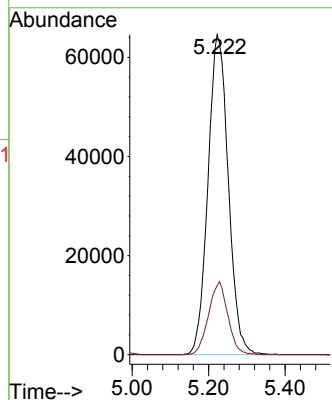
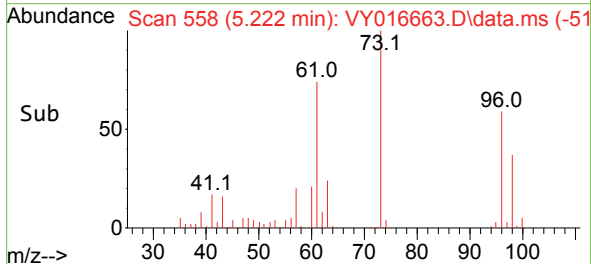


#19
Methyl tert-butyl Ether
Concen: 48.766 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

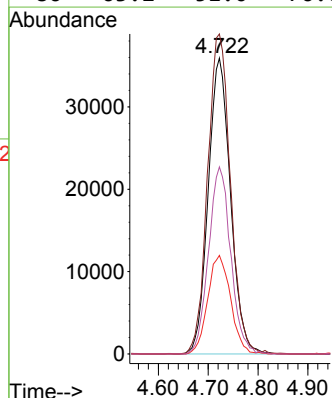
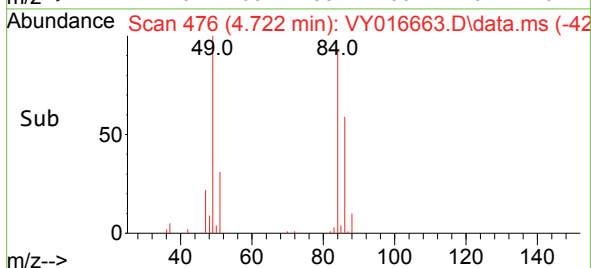
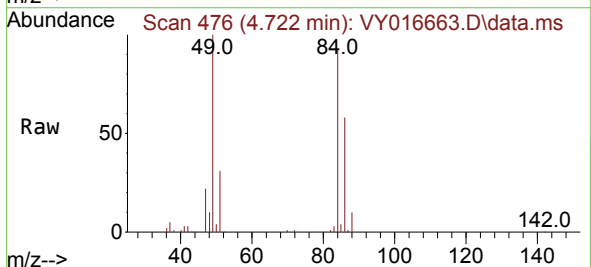


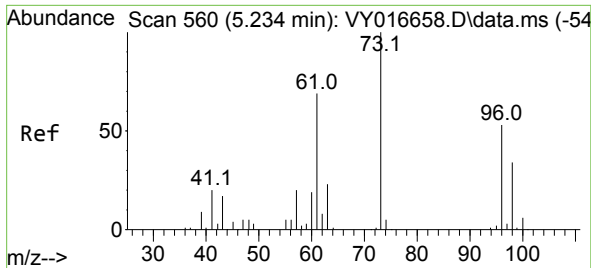
Tgt Ion: 73 Resp: 238259
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 47.142 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

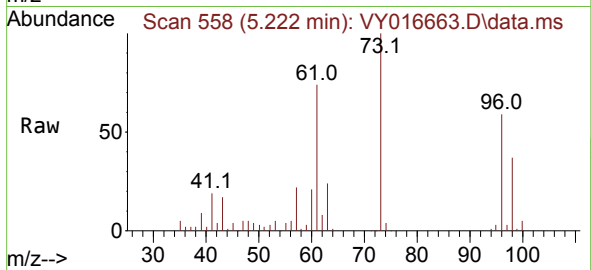
Tgt Ion: 84 Resp: 111588
Ion Ratio Lower Upper
84 100
49 108.2 106.9 160.3
51 33.3 33.2 49.8
86 63.2 51.0 76.6



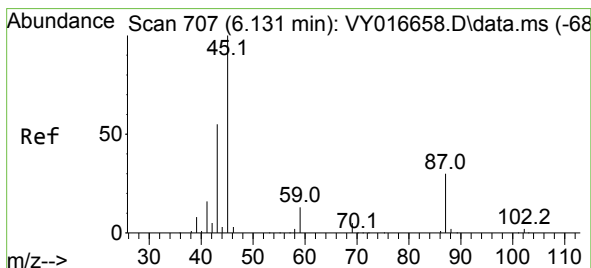
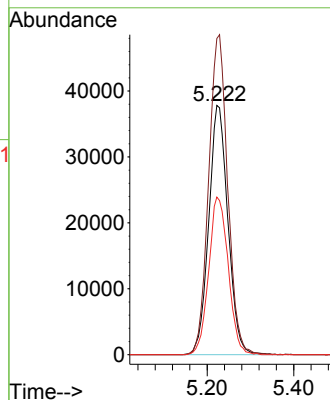
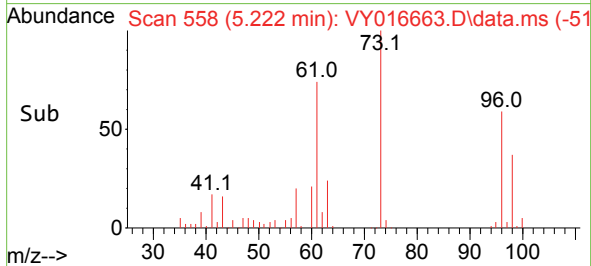


#21
trans-1,2-Dichloroethene
Concen: 47.984 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

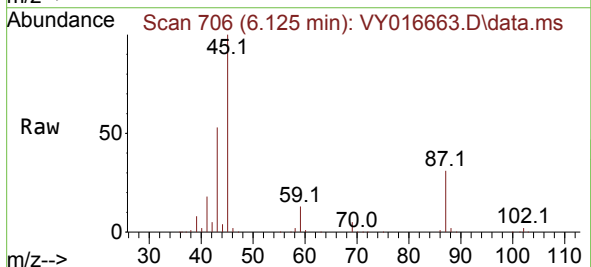
Instrument :
MSVOA_Y
ClientSampleId :



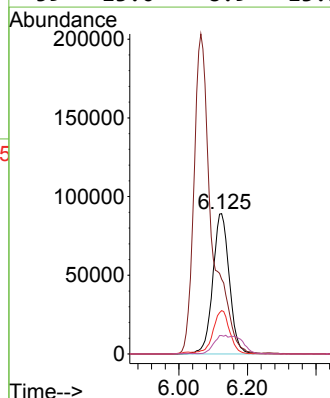
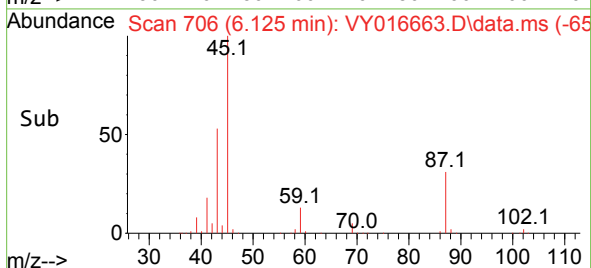
Tgt Ion: 96 Resp: 116489
Ion Ratio Lower Upper
96 100
61 126.8 110.2 165.4
98 63.2 51.8 77.6

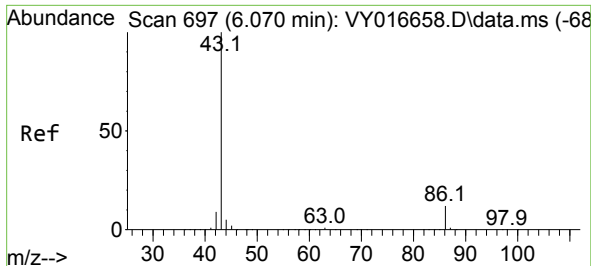


#22
Diisopropyl ether
Concen: 49.253 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 45 Resp: 298216
Ion Ratio Lower Upper
45 100
43 53.0 52.2 78.4
87 30.9 21.0 31.6
59 13.0 8.9 13.3

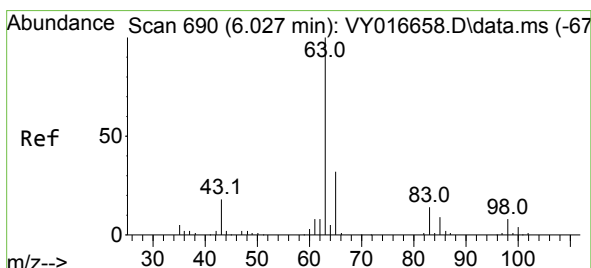
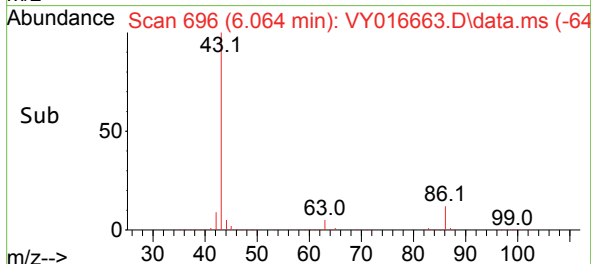
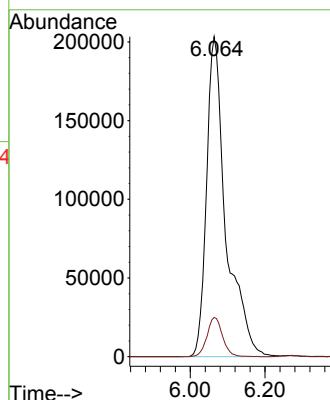
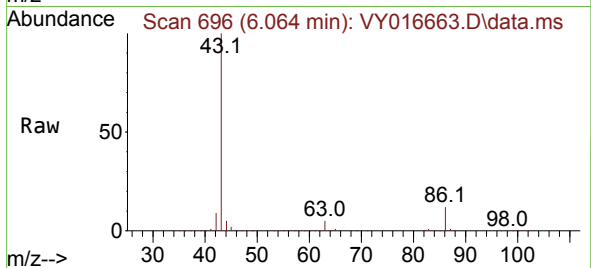




#23
 Vinyl Acetate
 Concen: 245.501 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

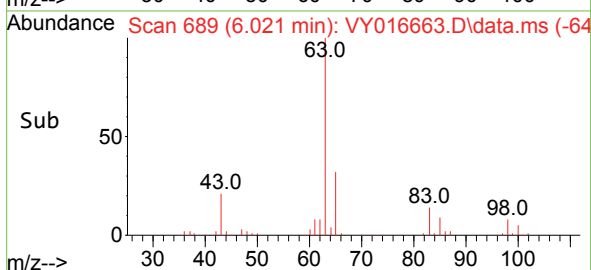
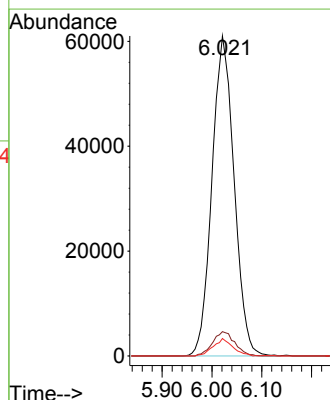
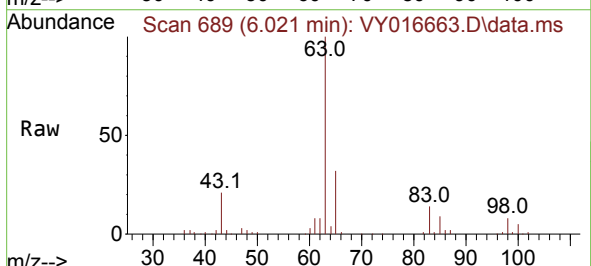
Instrument :
 MSVOA_Y
 ClientSampleId :

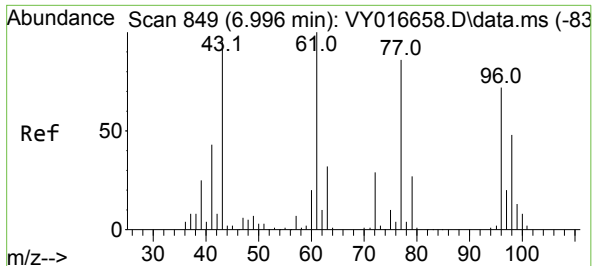
Tgt Ion: 43 Resp: 732441
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 47.671 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion: 63 Resp: 188358
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.5 1.8 5.5





#25

2-Butanone

Concen: 260.621 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

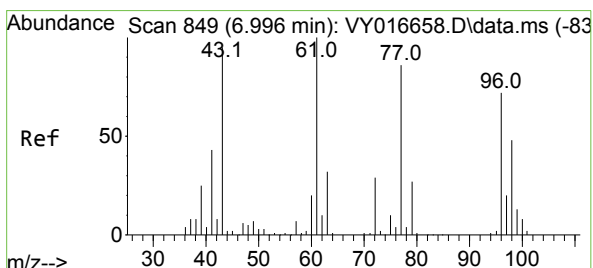
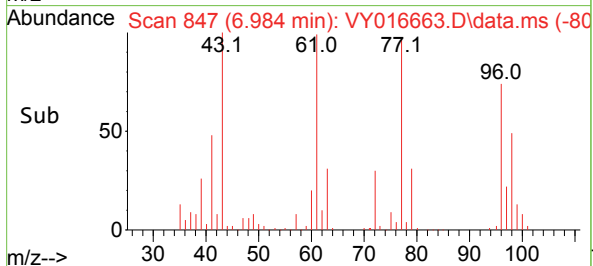
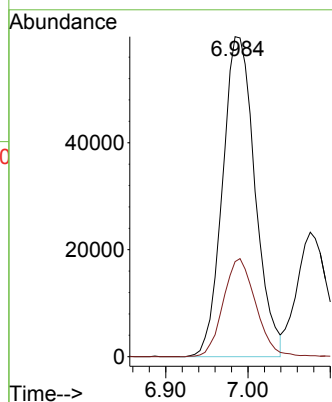
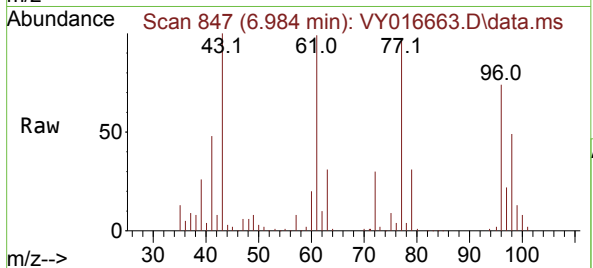
ClientSampleId :

Tgt Ion: 43 Resp: 164028

Ion Ratio Lower Upper

43 100

72 29.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.047 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016663.D

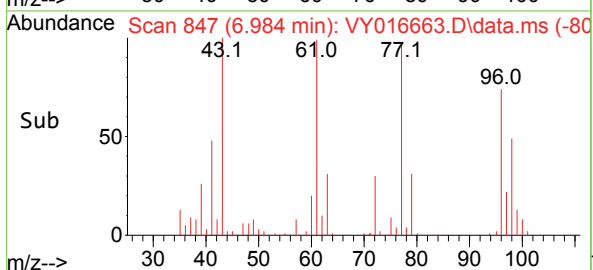
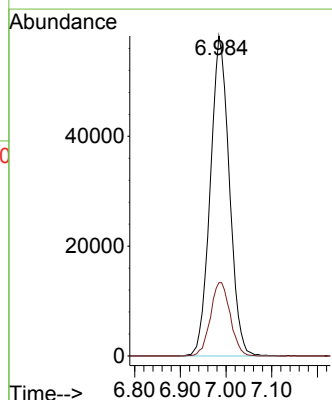
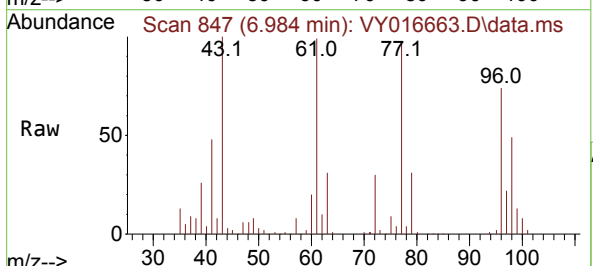
Acq: 16 Dec 2023 10:12

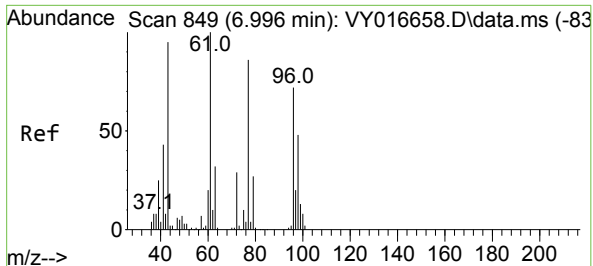
Tgt Ion: 77 Resp: 168549

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.441 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

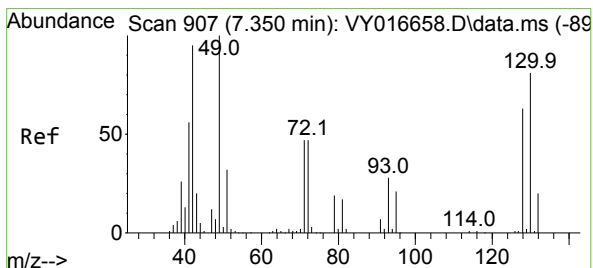
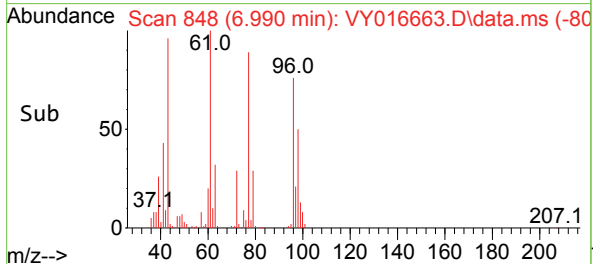
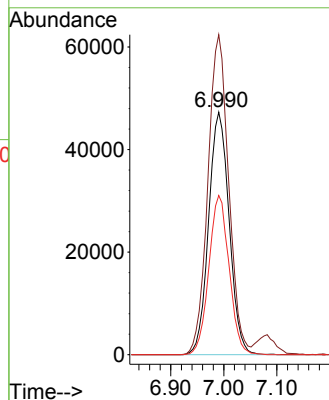
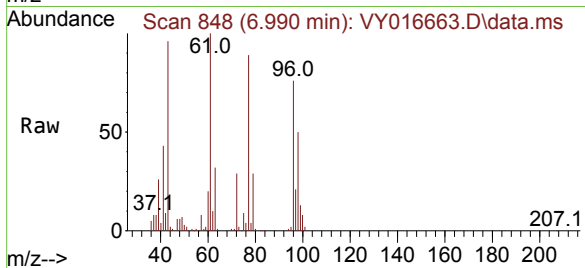
Tgt Ion: 96 Resp: 126999

Ion Ratio Lower Upper

96 100

61 133.8 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 51.354 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

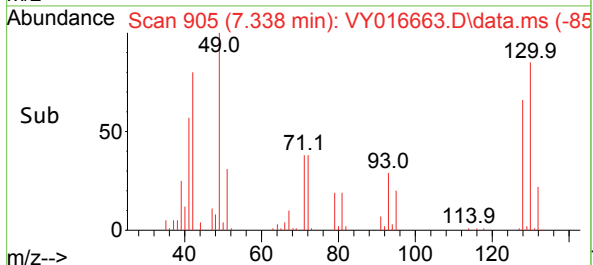
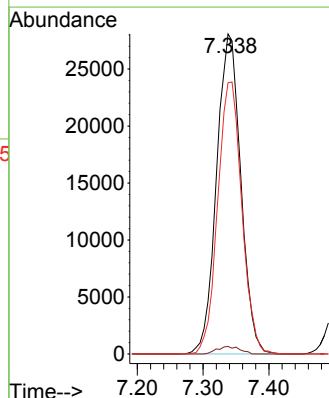
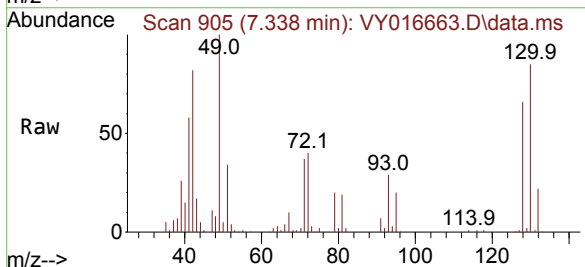
Tgt Ion: 49 Resp: 71915

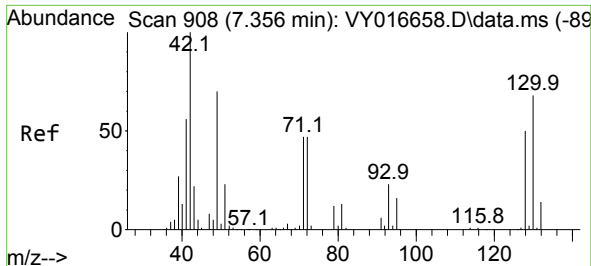
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 84.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 239.322 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

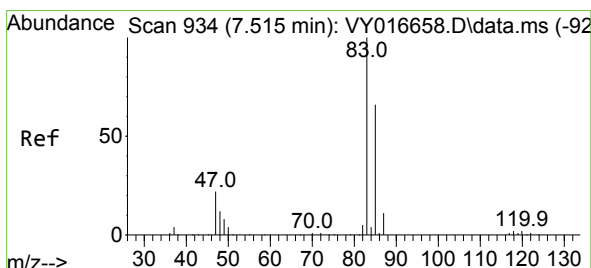
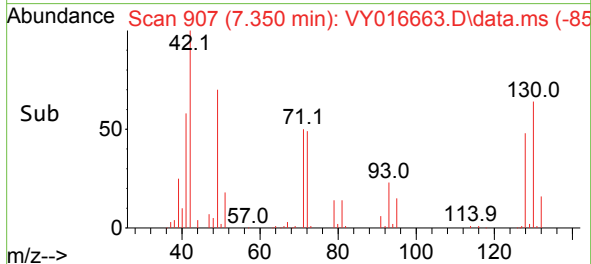
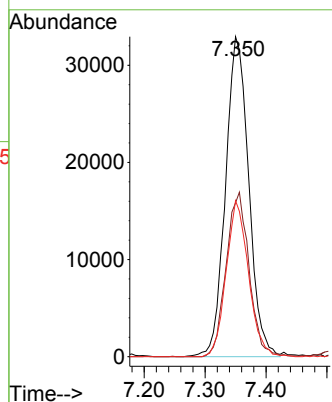
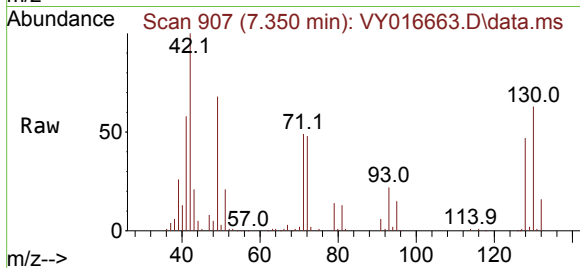
Tgt Ion: 42 Resp: 87321

Ion Ratio Lower Upper

42 100

72 50.7 32.8 49.2#

71 46.9 31.0 46.4#



#30

Chloroform

Concen: 47.830 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016663.D

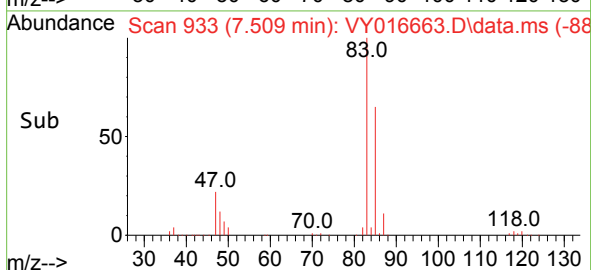
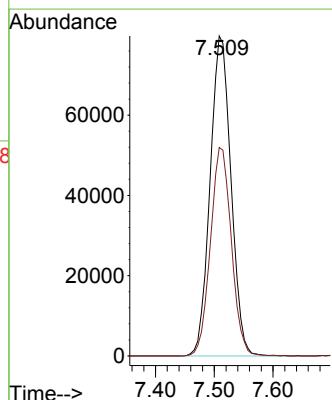
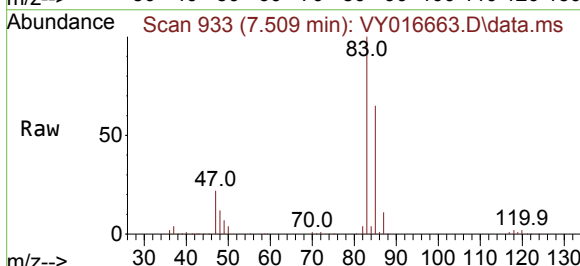
Acq: 16 Dec 2023 10:12

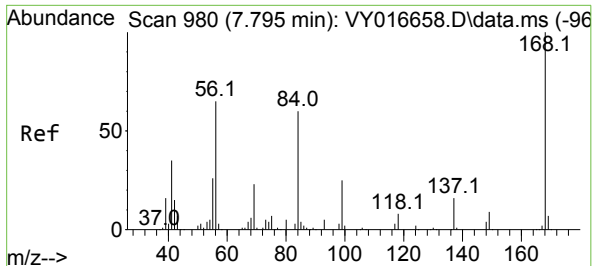
Tgt Ion: 83 Resp: 196544

Ion Ratio Lower Upper

83 100

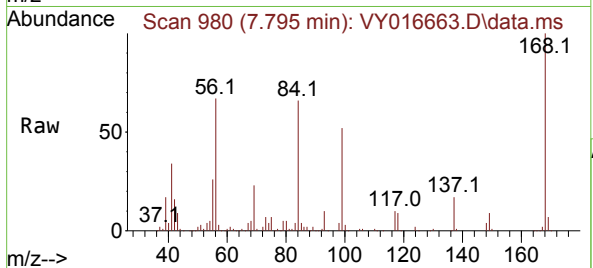
85 65.1 49.7 74.5



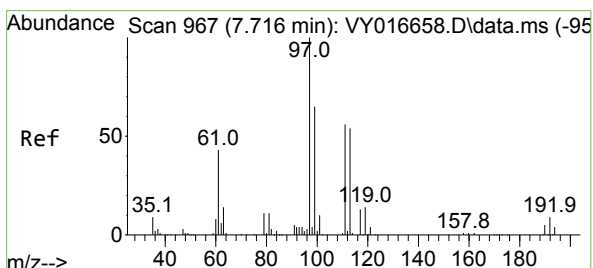
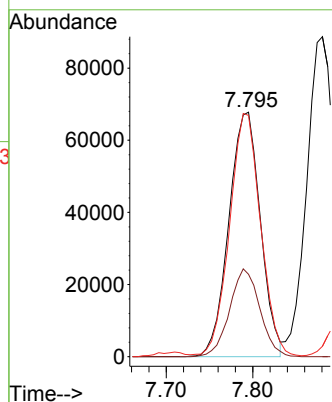
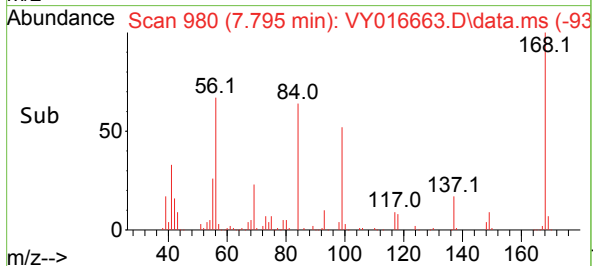


#31
Cyclohexane
Concen: 46.288 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

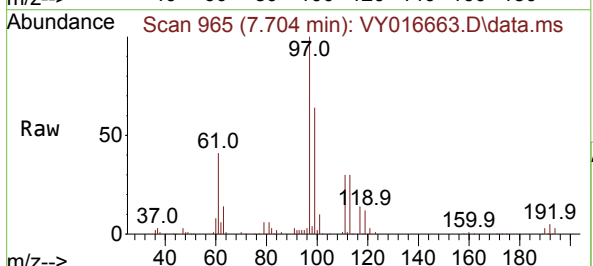
Instrument :
MSVOA_Y
ClientSampleId :



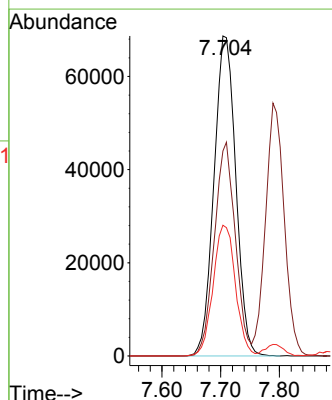
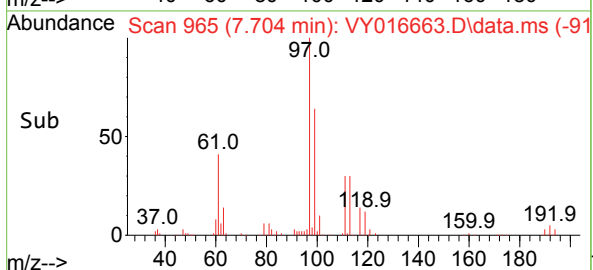
Tgt Ion: 56 Resp: 171529
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 97.1 66.4 99.6

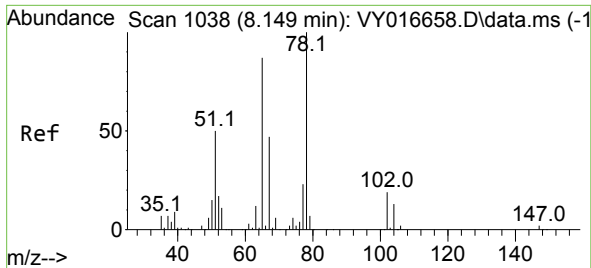


#32
1,1,1-Trichloroethane
Concen: 48.153 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 97 Resp: 177514
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.7 35.1 52.7

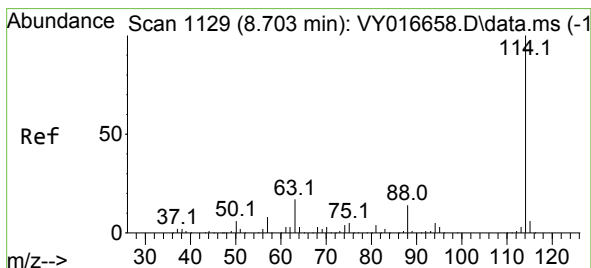
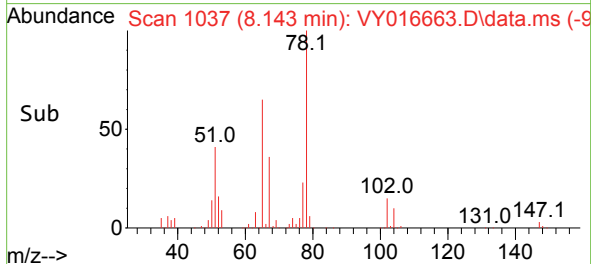
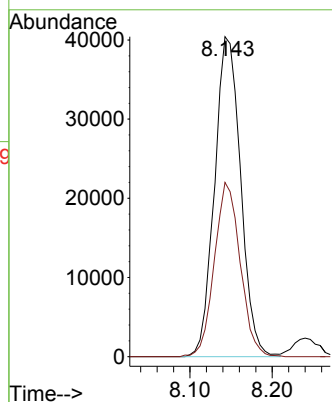
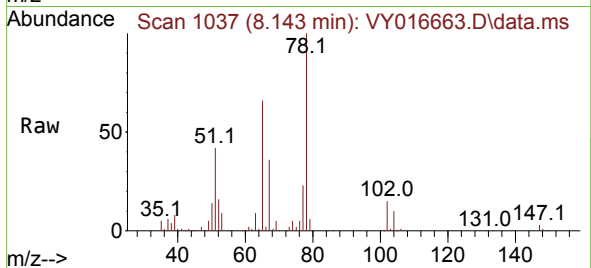




#33
 1,2-Dichloroethane-d4
 Concen: 47.600 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

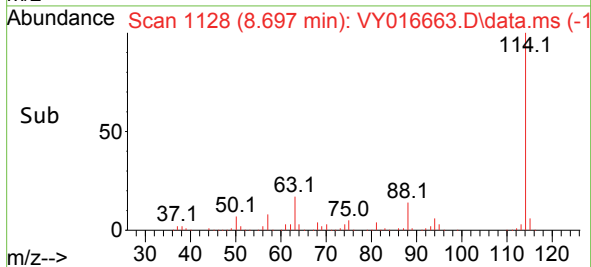
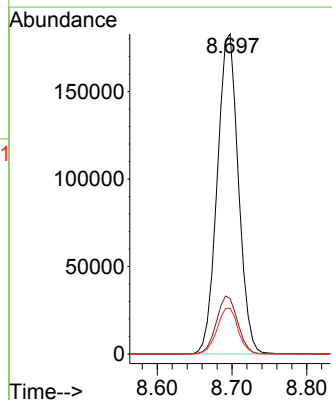
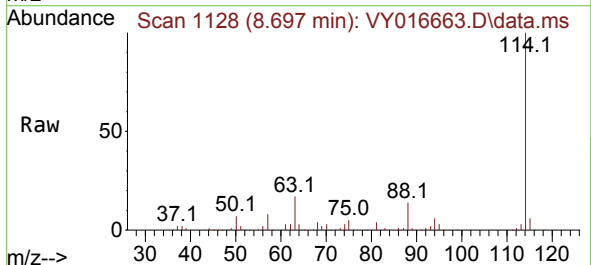
Instrument :
 MSVOA_Y
 ClientSampleId :

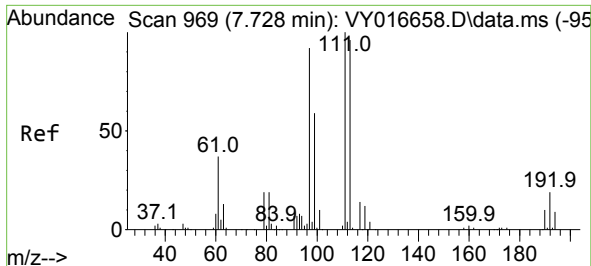
Tgt Ion: 65 Resp: 89263
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

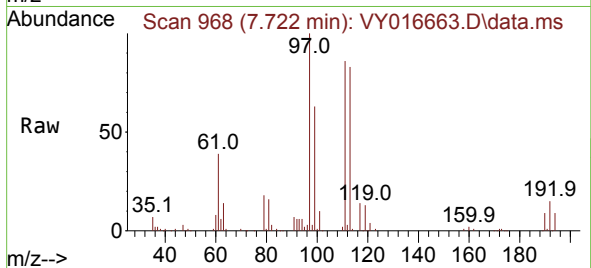
Tgt Ion: 114 Resp: 359936
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 42.4
 88 14.3 0.0 30.6



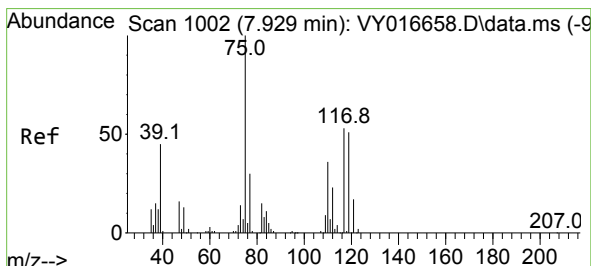
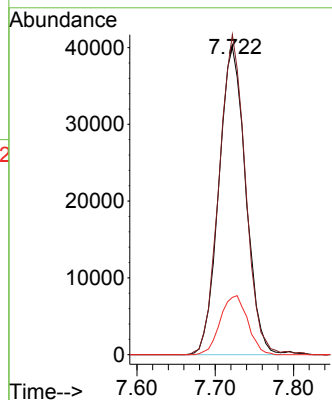
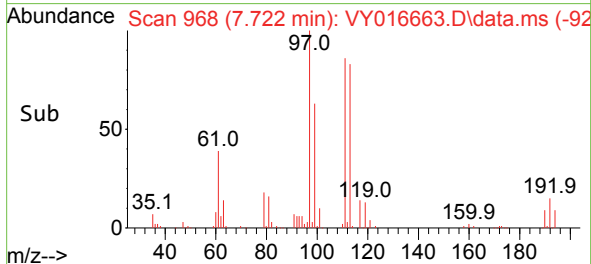


#35
Dibromofluoromethane
Concen: 49.434 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

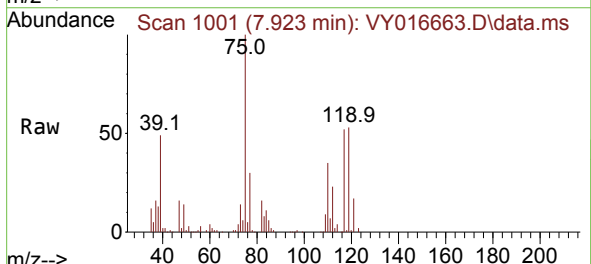
Instrument :
MSVOA_Y
ClientSampleId :



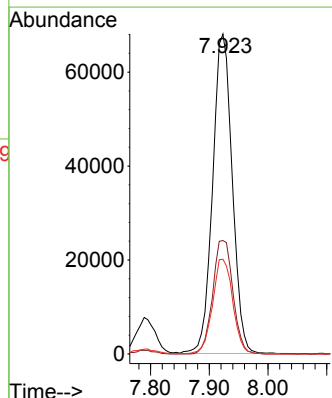
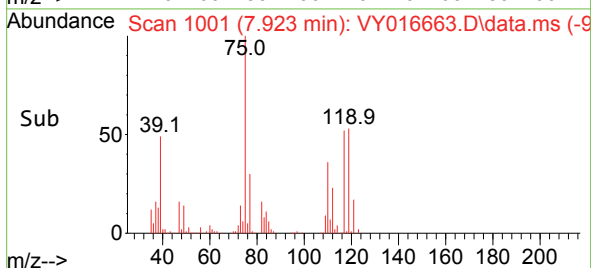
Tgt Ion:113 Resp: 95441
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.6 16.9 25.3

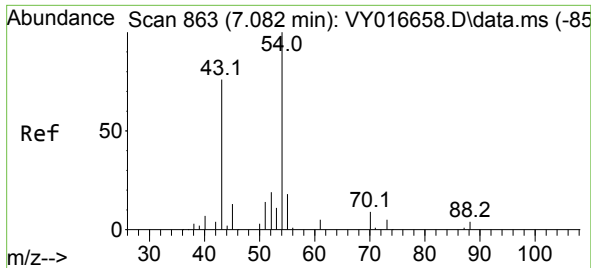


#36
1,1-Dichloropropene
Concen: 49.292 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 75 Resp: 157623
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.365 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

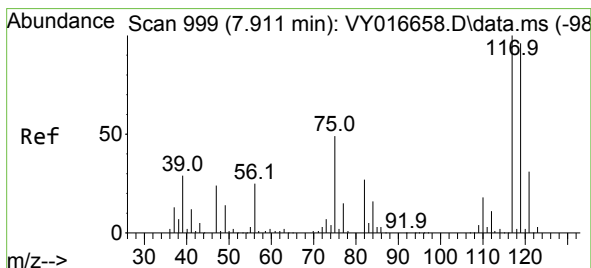
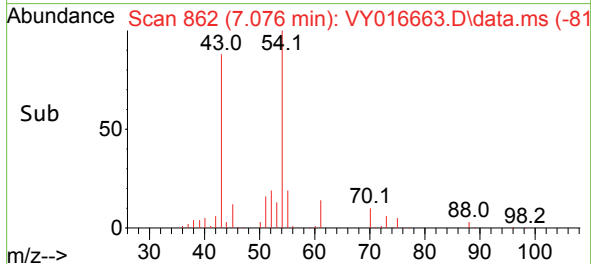
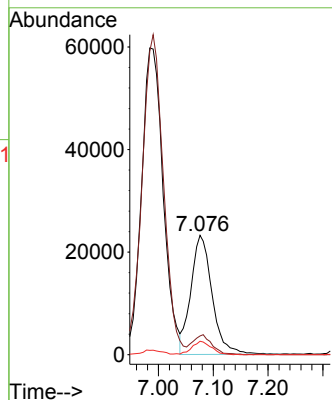
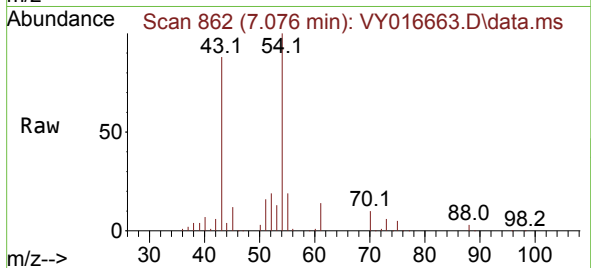
Tgt Ion: 43 Resp: 62417

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.999 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

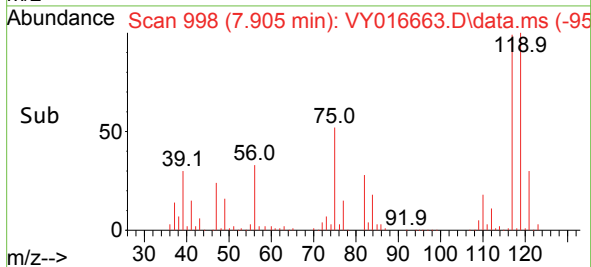
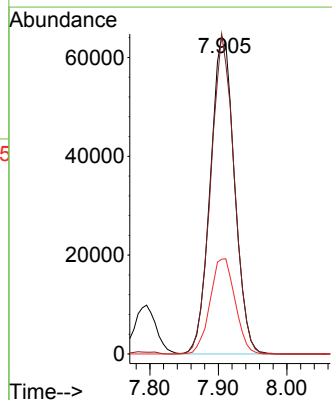
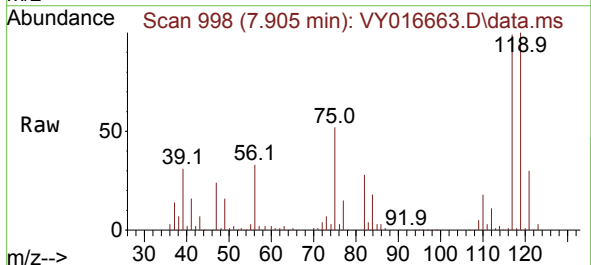
Tgt Ion: 117 Resp: 157387

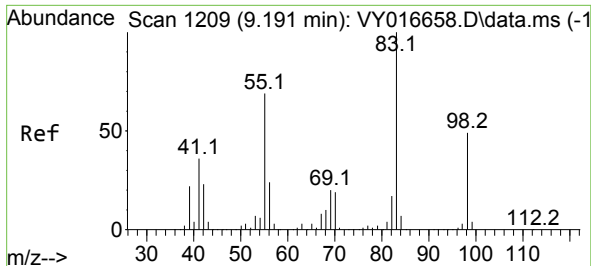
Ion Ratio Lower Upper

117 100

119 100.9 76.4 114.6

121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 49.794 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

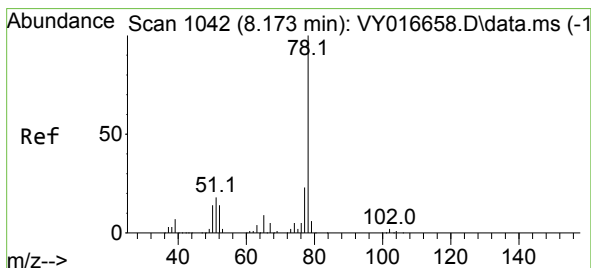
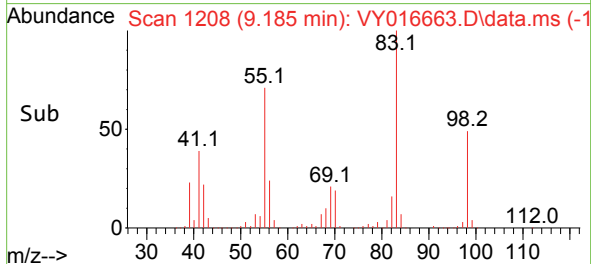
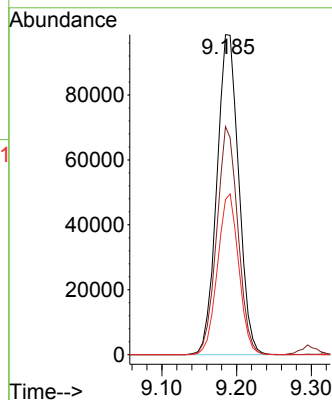
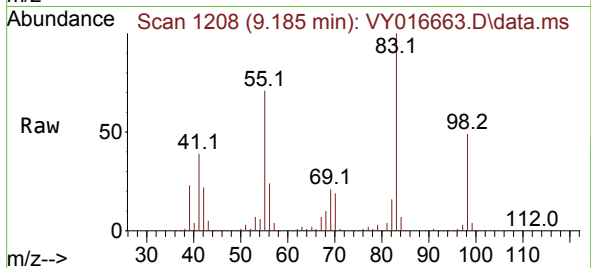
Tgt Ion: 83 Resp: 200126

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

98 48.5 37.4 56.2



#40

Benzene

Concen: 48.314 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016663.D

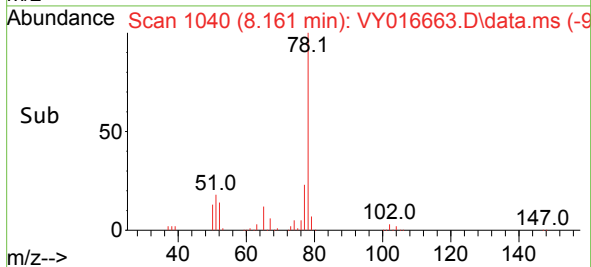
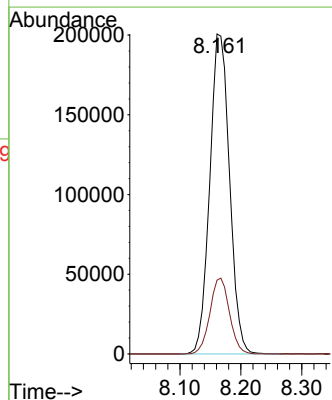
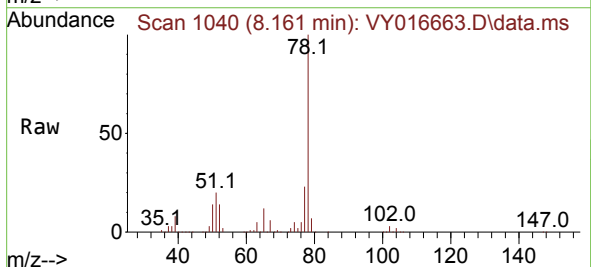
Acq: 16 Dec 2023 10:12

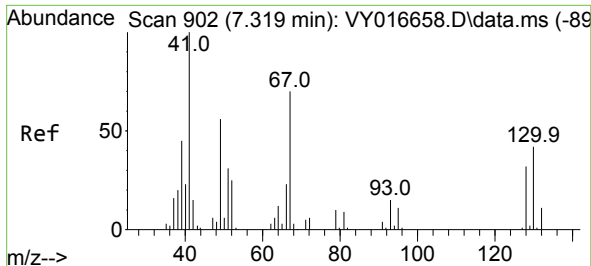
Tgt Ion: 78 Resp: 452806

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

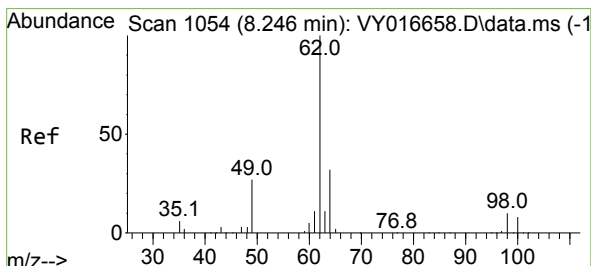
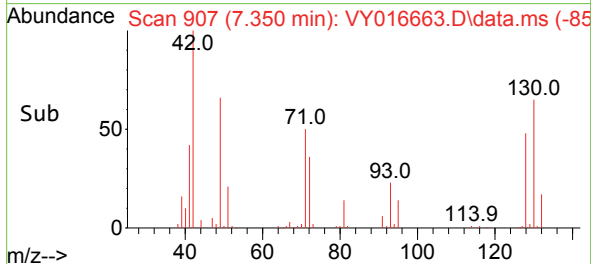
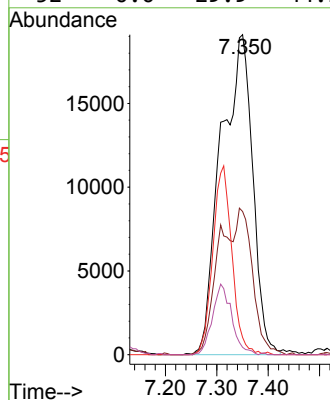
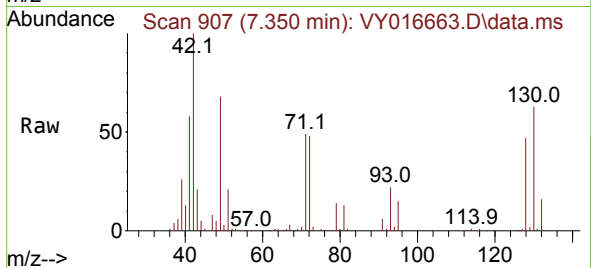




#41
Methacrylonitrile
Concen: 123.169 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

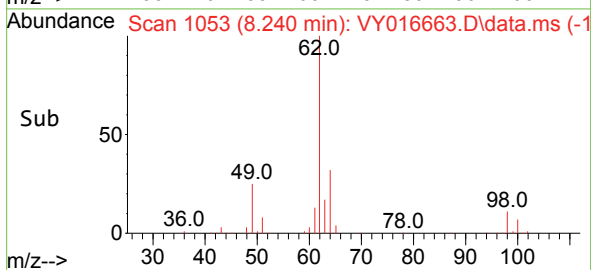
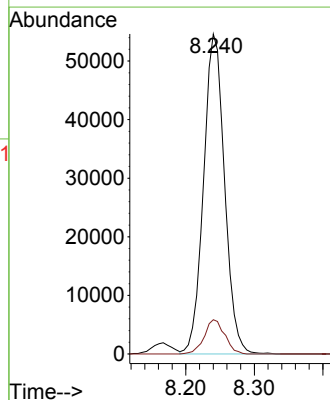
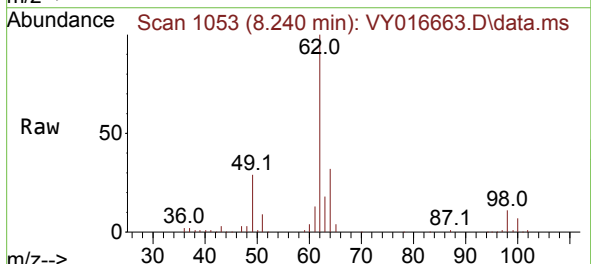
Instrument :
MSVOA_Y
ClientSampleId :

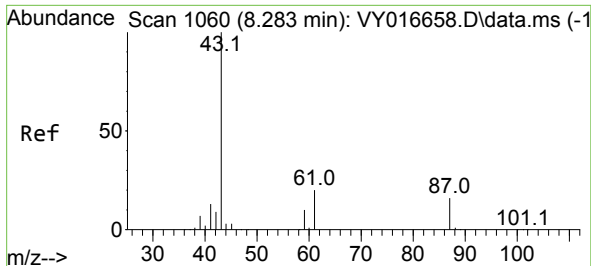
Tgt Ion: 41 Resp: 81760
Ion Ratio Lower Upper
41 100
39 24.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 48.678 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

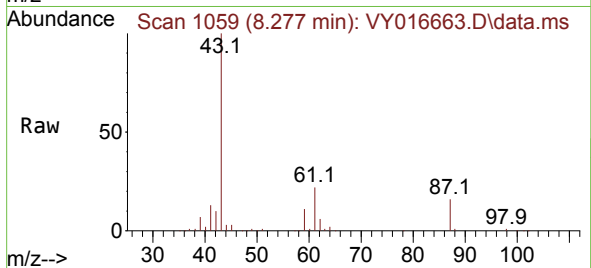
Tgt Ion: 62 Resp: 116603
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8



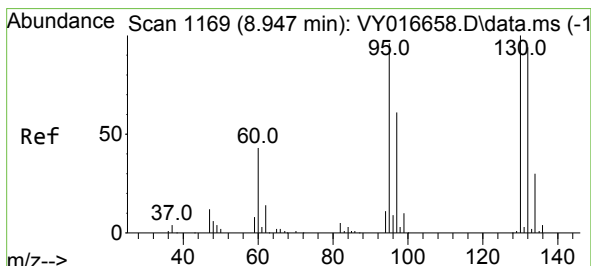
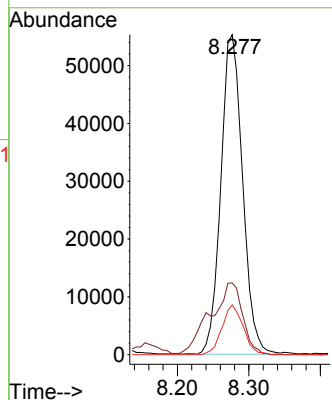
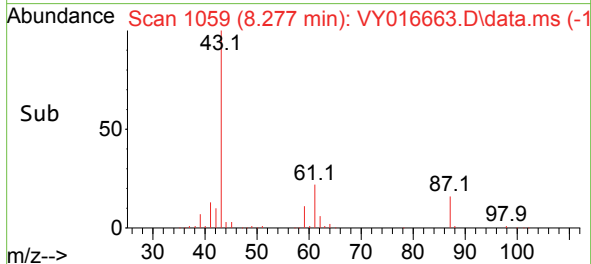


#43
Isopropyl Acetate
Concen: 48.223 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

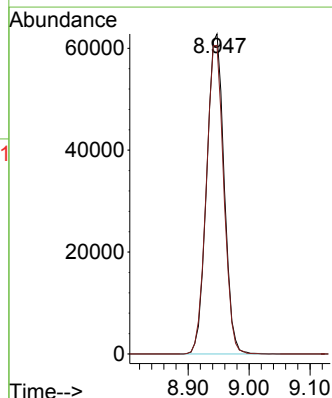
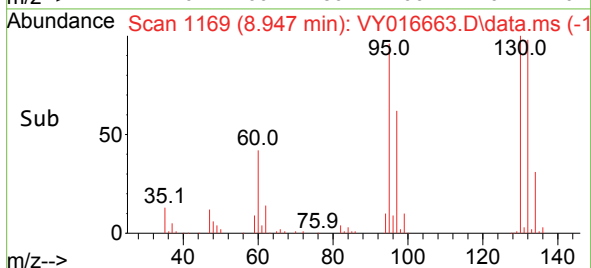
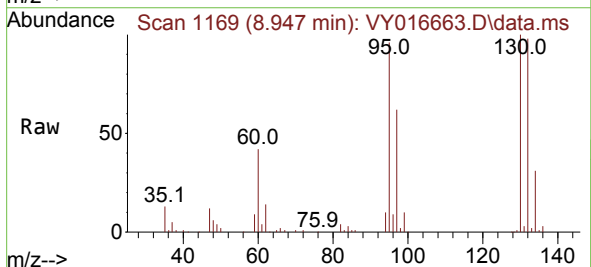


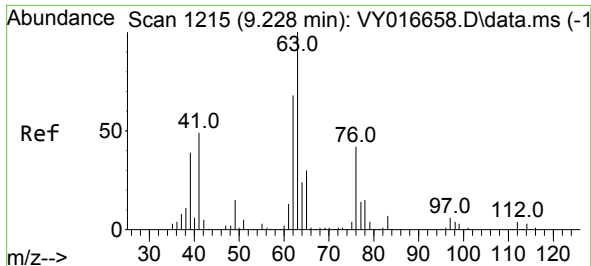
Tgt Ion: 43 Resp: 116793
Ion Ratio Lower Upper
43 100
61 33.5 21.1 31.7#
87 15.2 9.8 14.8#



#44
Trichloroethene
Concen: 47.619 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:130 Resp: 124294
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0

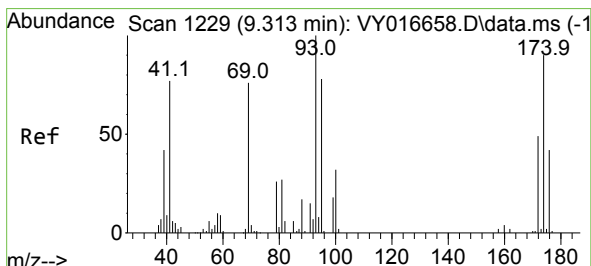
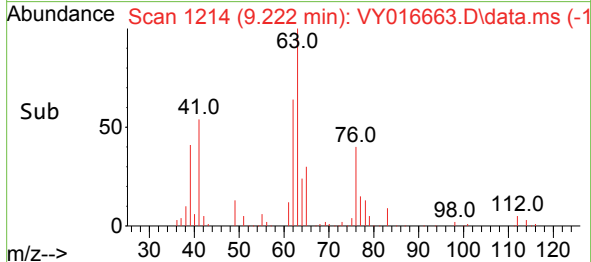
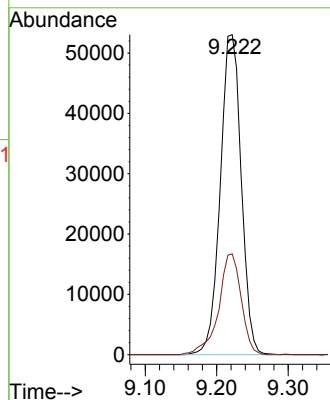
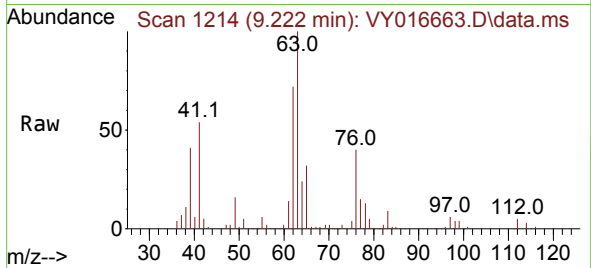




#45
1,2-Dichloropropane
Concen: 49.293 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

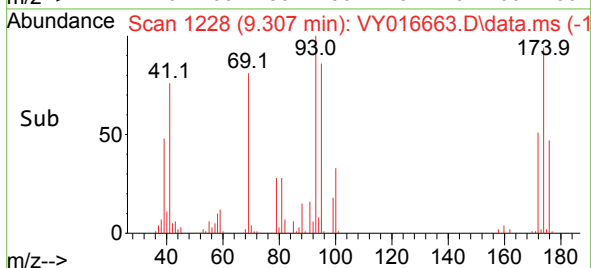
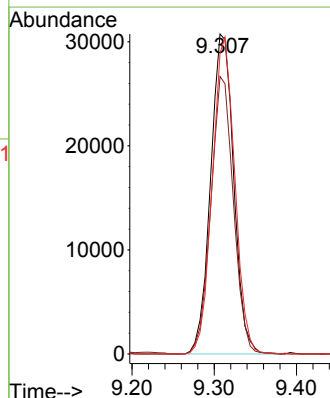
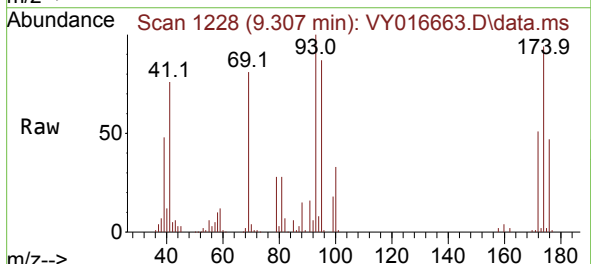
Instrument :
MSVOA_Y
ClientSampleId :

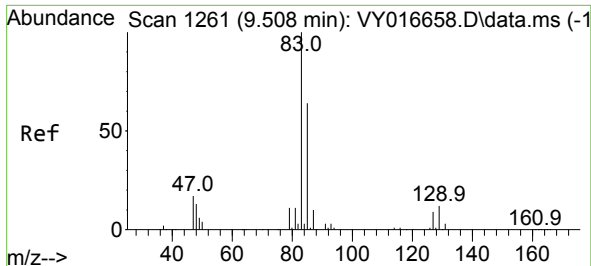
Tgt Ion: 63 Resp: 107927
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 49.483 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 93 Resp: 59917
Ion Ratio Lower Upper
93 100
95 84.7 66.6 100.0
174 96.6 84.8 127.2

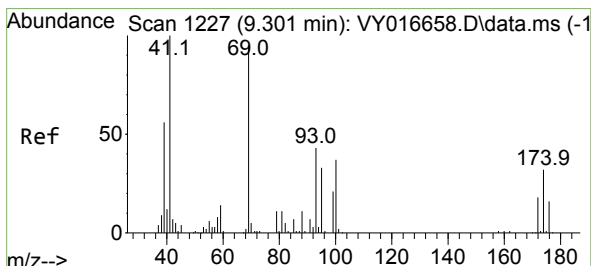
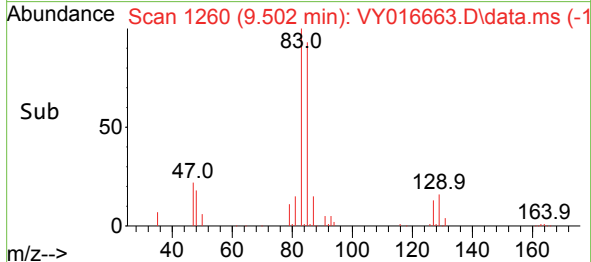
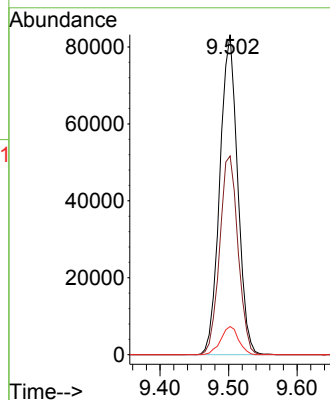
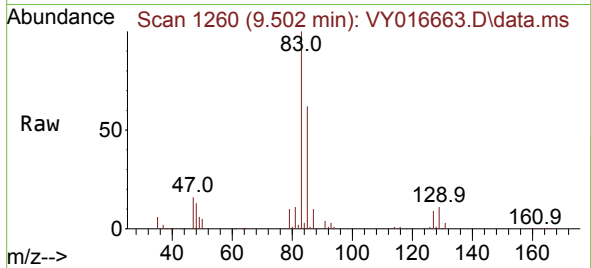




#47
Bromodichloromethane
Concen: 48.923 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

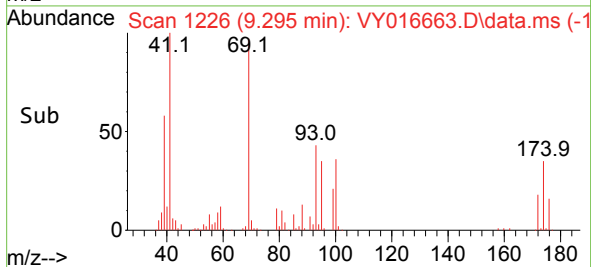
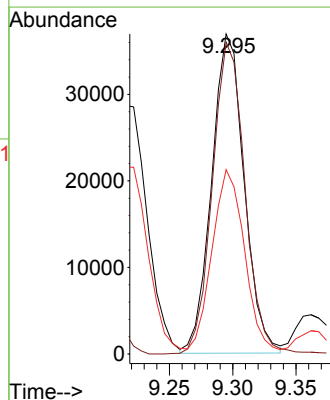
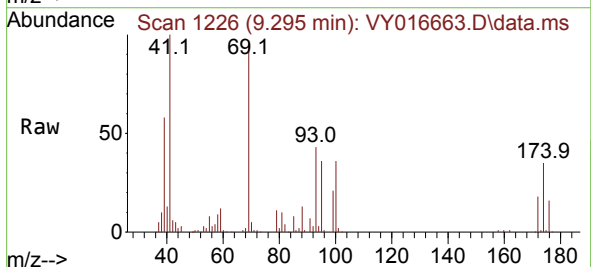
Instrument :
MSVOA_Y
ClientSampleId :

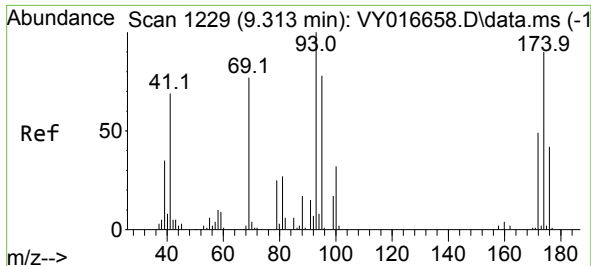
Tgt Ion: 83 Resp: 149675
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 49.170 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 41 Resp: 65942
Ion Ratio Lower Upper
41 100
69 97.8 64.5 96.7#
39 55.4 50.8 76.2





#49

1,4-Dioxane

Concen: 971.724 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.018 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

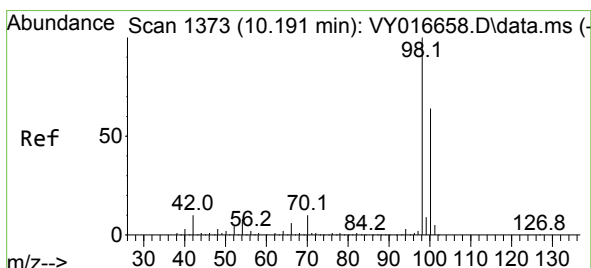
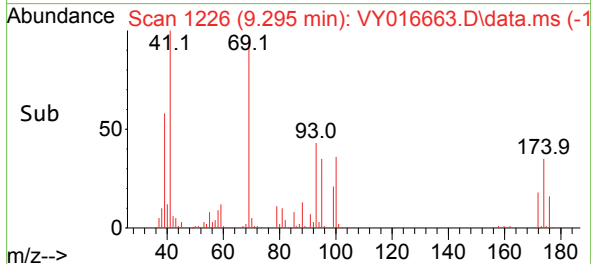
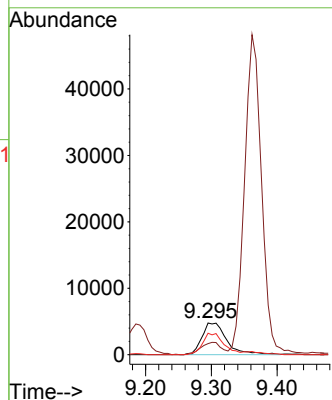
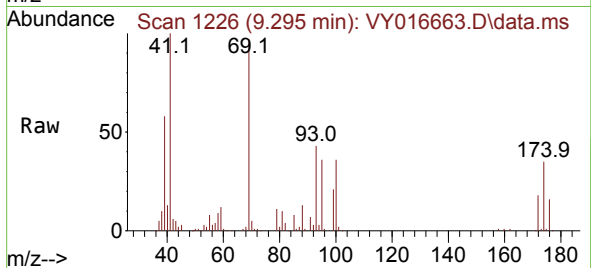
Tgt Ion: 88 Resp: 12604

Ion Ratio Lower Upper

88 100

43 31.9 0.0 0.0#

58 60.1 30.9 46.3#



#50

Toluene-d8

Concen: 48.208 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016663.D

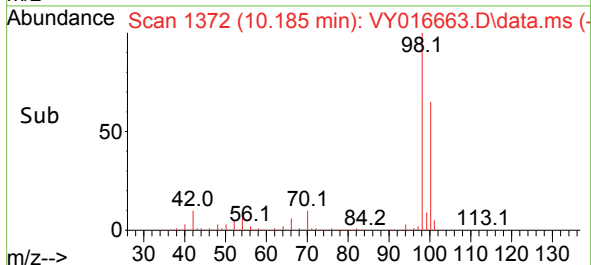
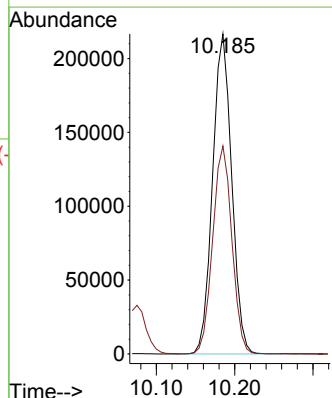
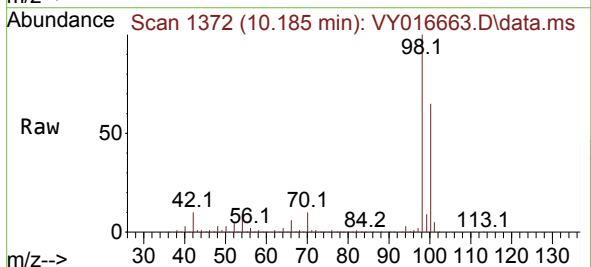
Acq: 16 Dec 2023 10:12

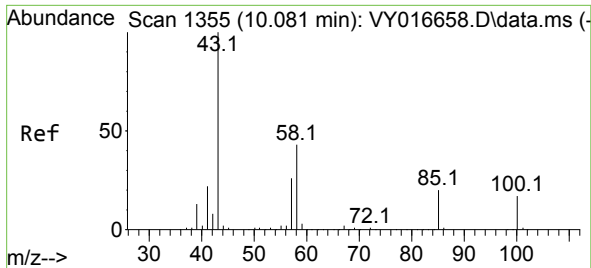
Tgt Ion: 98 Resp: 366376

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 244.565 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

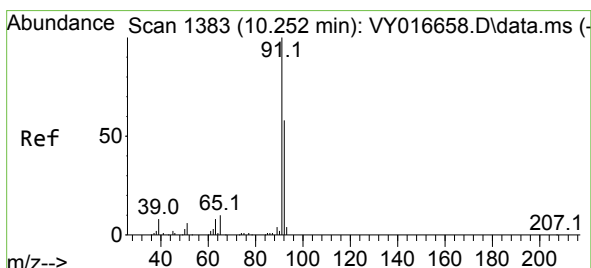
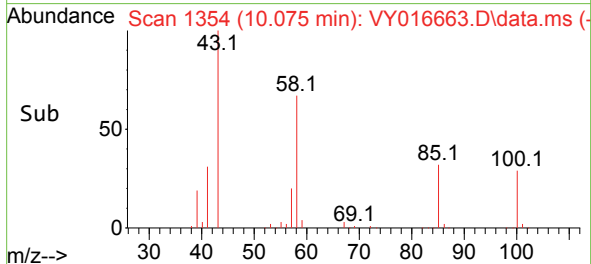
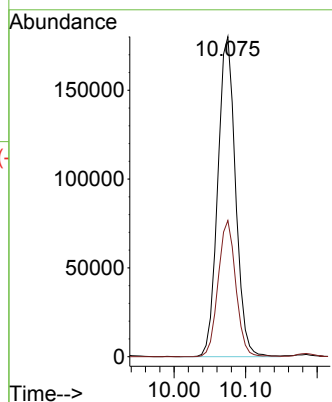
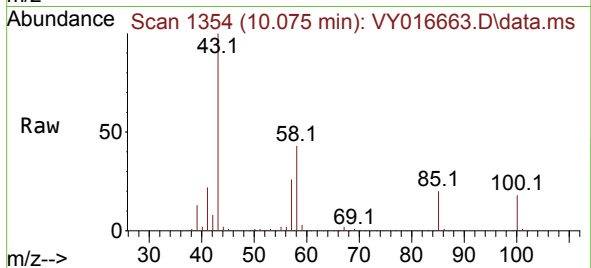
ClientSampleId :

Tgt Ion: 43 Resp: 310649

Ion Ratio Lower Upper

43 100

58 42.3 29.0 43.6



#52

Toluene

Concen: 49.115 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY016663.D

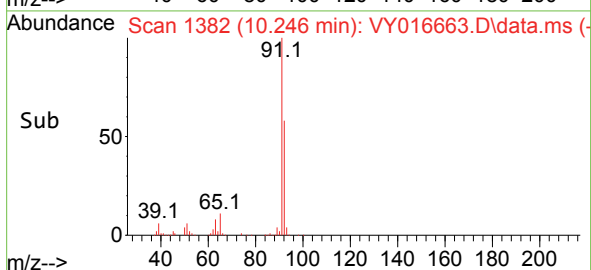
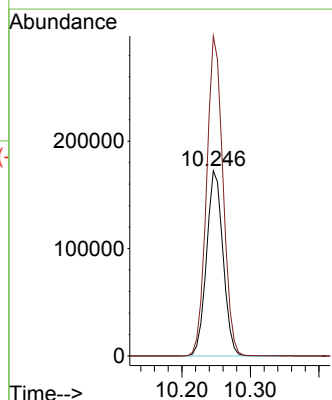
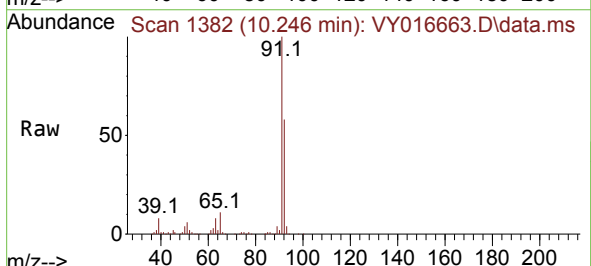
Acq: 16 Dec 2023 10:12

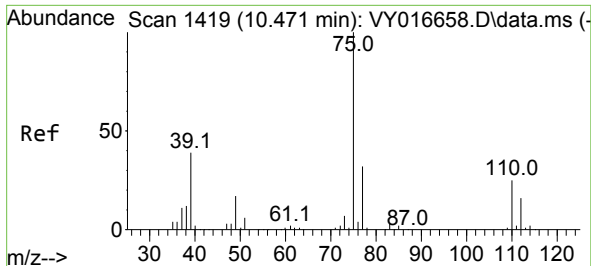
Tgt Ion: 92 Resp: 288339

Ion Ratio Lower Upper

92 100

91 171.8 143.8 215.6

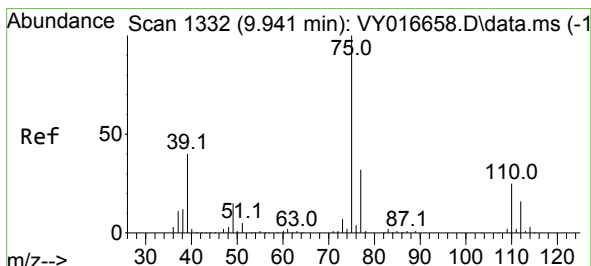
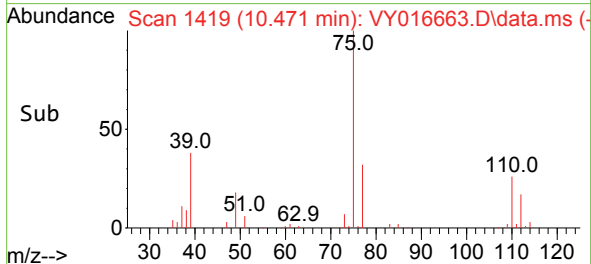
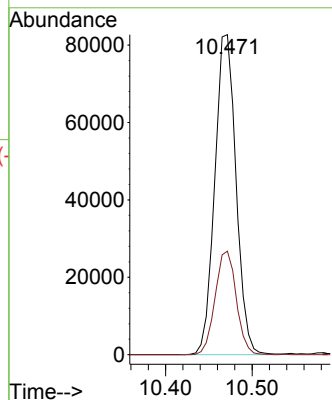
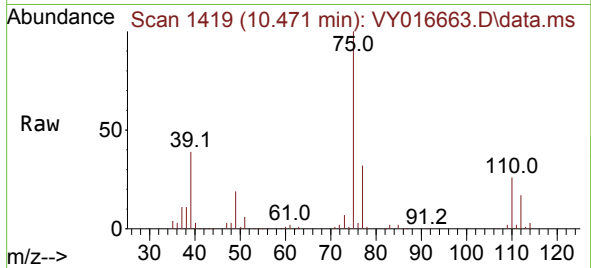




#53
 t-1,3-Dichloropropene
 Concen: 48.893 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

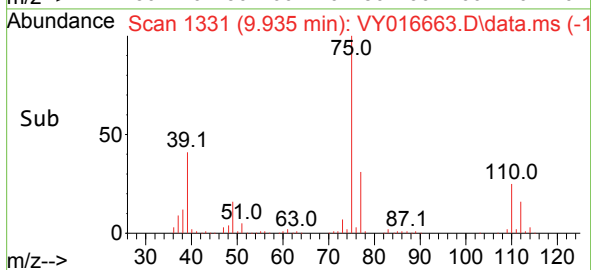
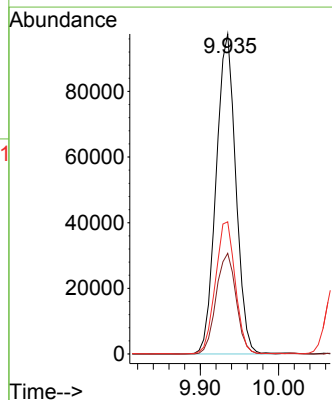
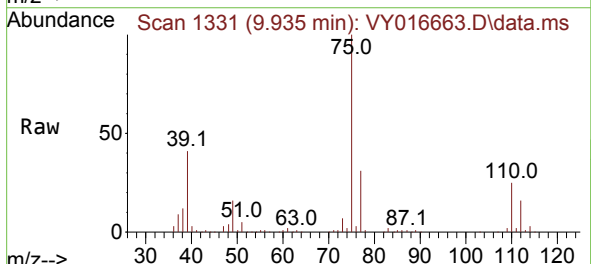
Instrument :
 MSVOA_Y
 ClientSampleId :

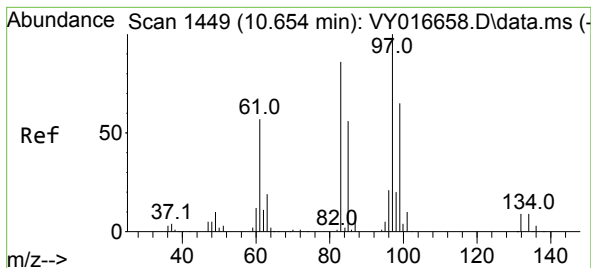
Tgt Ion: 75 Resp: 141112
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.026 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion: 75 Resp: 170127
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 41.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 48.235 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

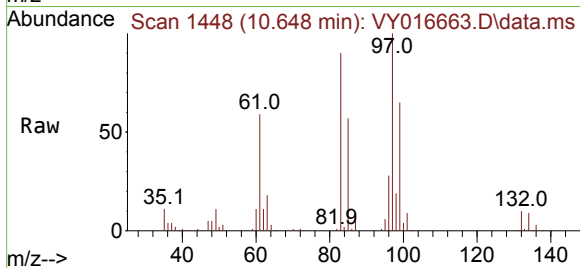
Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 82066

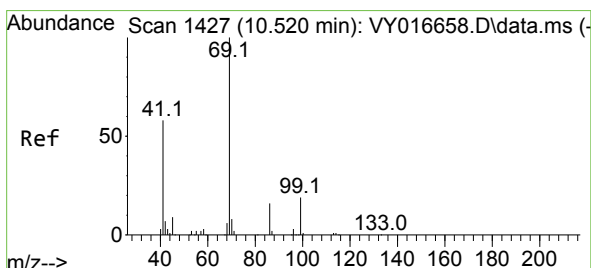
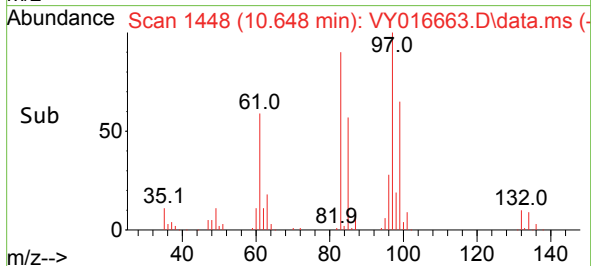
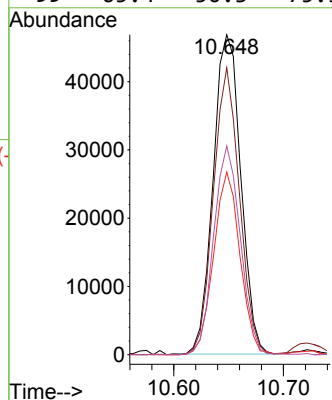
Ion Ratio Lower Upper

97 100

83 89.8 72.0 108.0

85 57.1 45.4 68.0

99 65.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.181 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

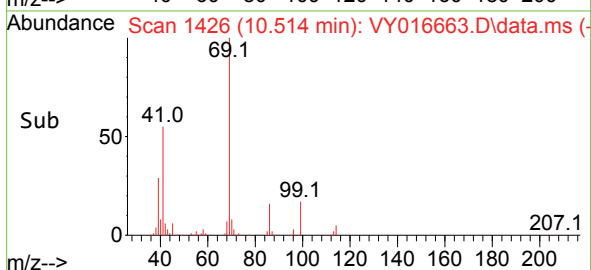
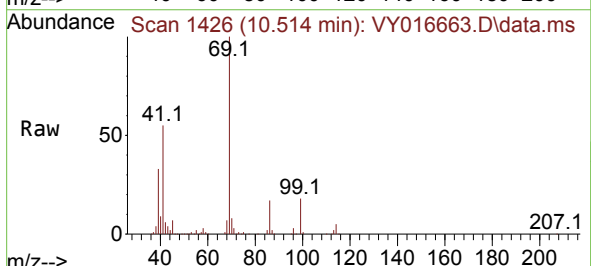
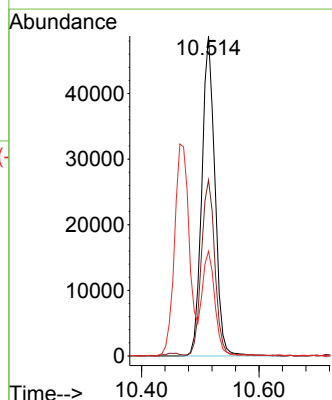
Tgt Ion: 69 Resp: 75497

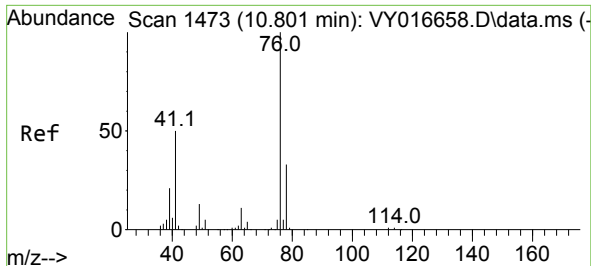
Ion Ratio Lower Upper

69 100

41 55.8 57.6 86.4#

39 31.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 48.676 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

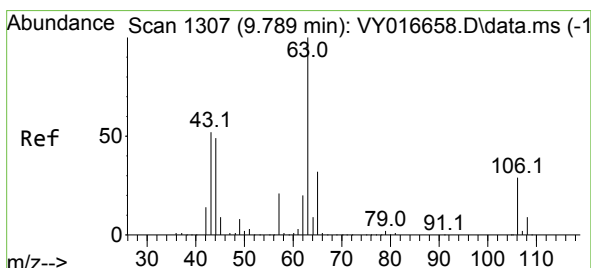
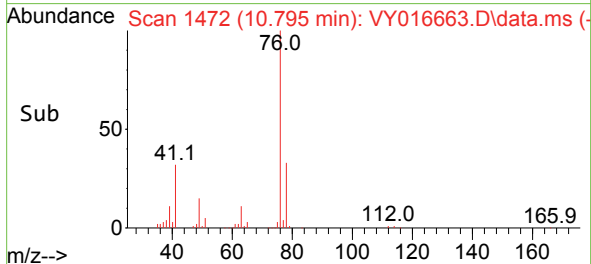
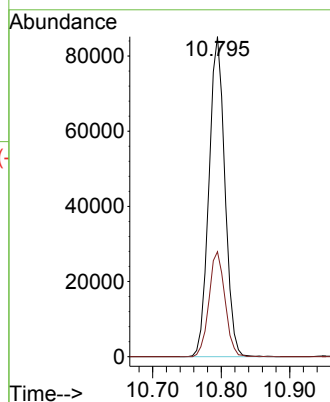
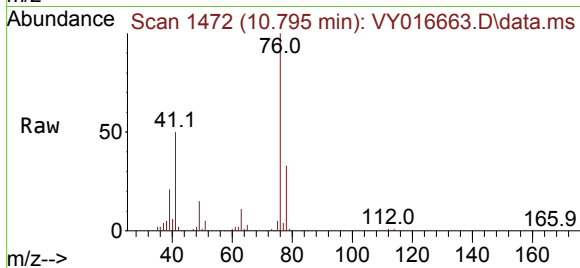
ClientSampleId :

Tgt Ion: 76 Resp: 137826

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 206.444 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016663.D

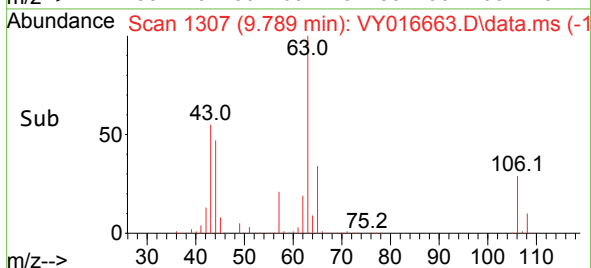
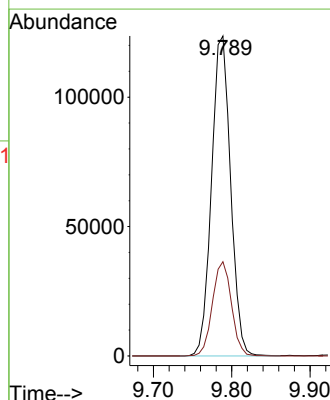
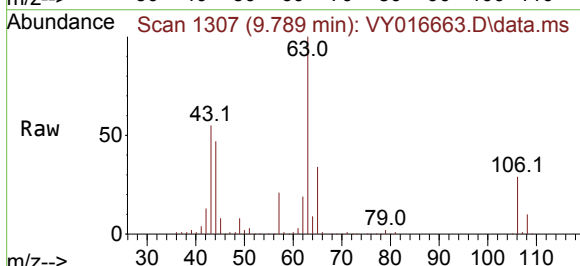
Acq: 16 Dec 2023 10:12

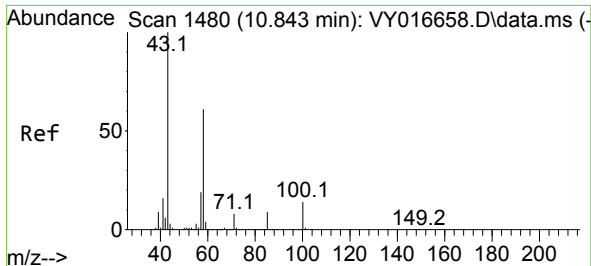
Tgt Ion: 63 Resp: 209215

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

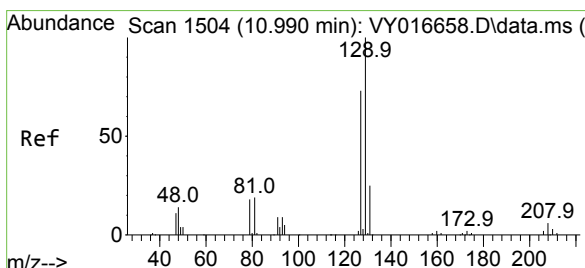
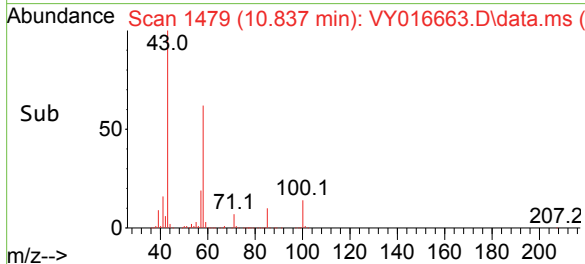
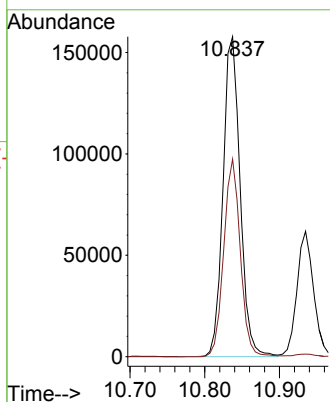
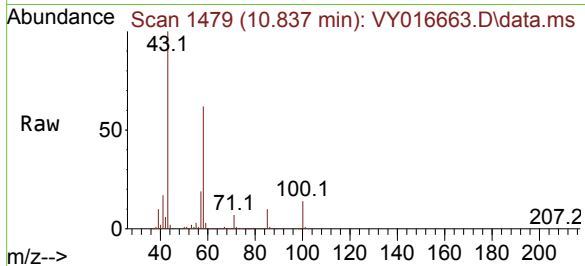




#59
2-Hexanone
Concen: 240.856 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

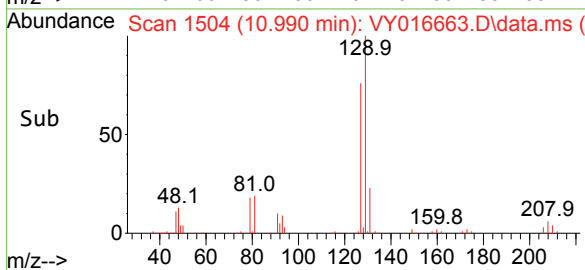
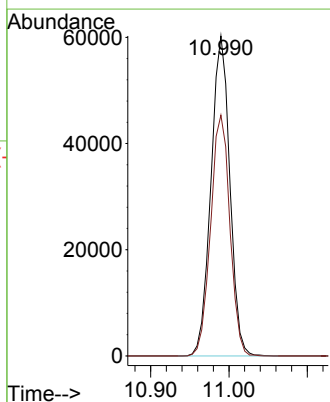
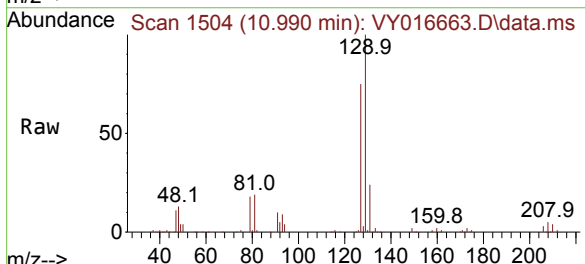
Instrument :
MSVOA_Y
ClientSampleId :

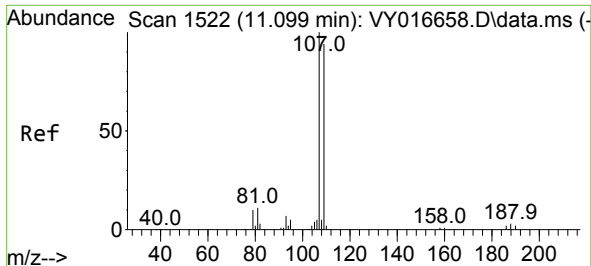
Tgt Ion: 43 Resp: 250993
Ion Ratio Lower Upper
43 100
58 59.8 25.1 75.3



#60
Dibromochloromethane
Concen: 48.904 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:129 Resp: 100837
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

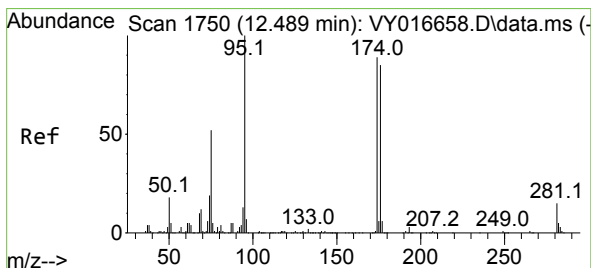
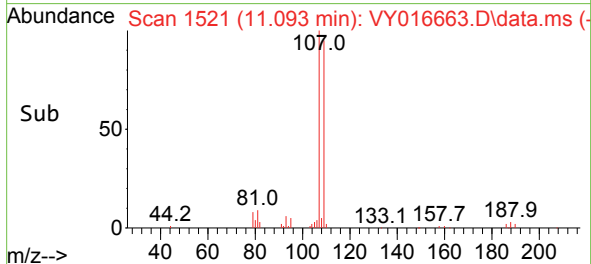
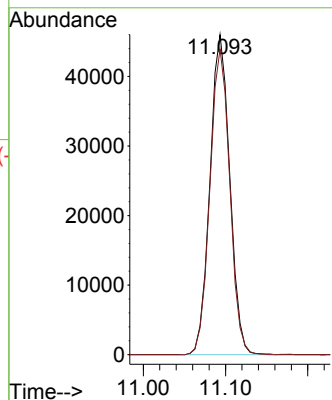
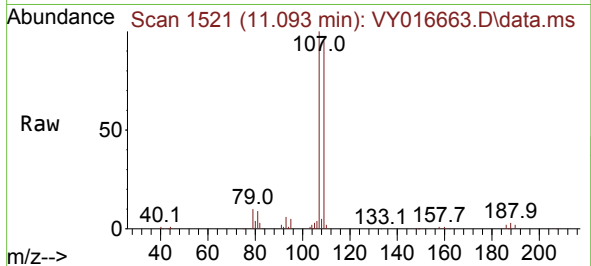




#61
1,2-Dibromoethane
Concen: 48.237 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

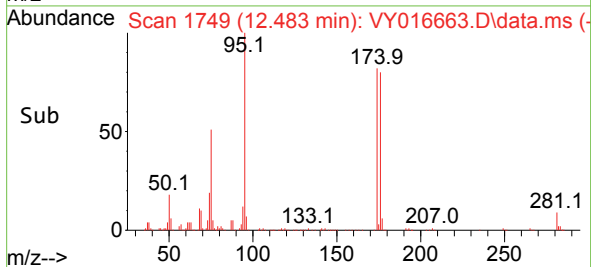
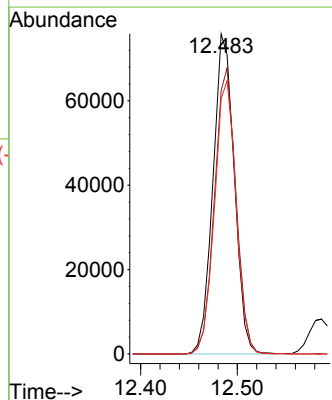
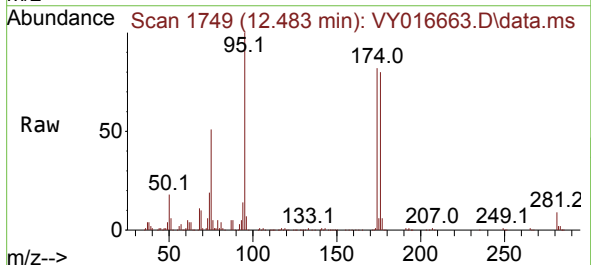
Instrument :
MSVOA_Y
ClientSampleId :

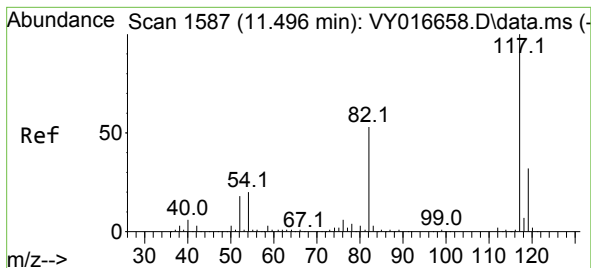
Tgt Ion:107 Resp: 77026
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 95 Resp: 115811
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.4 0.0 173.8

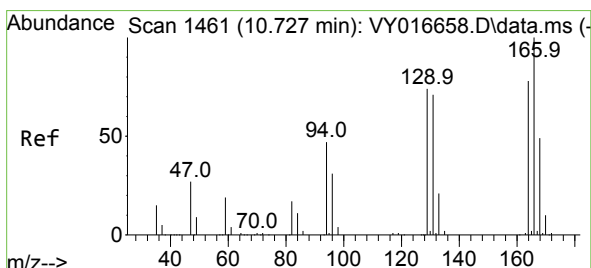
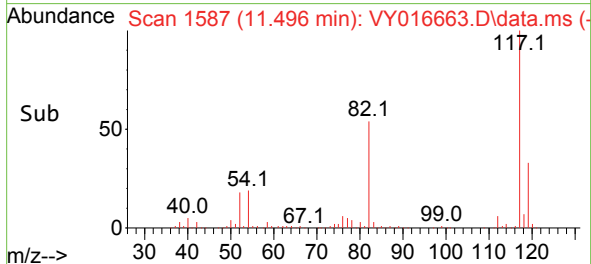
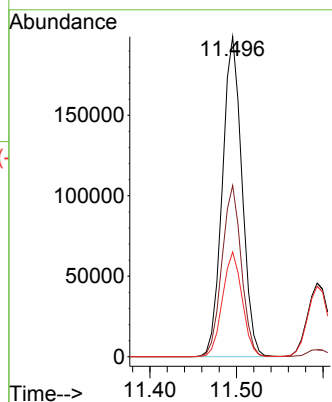
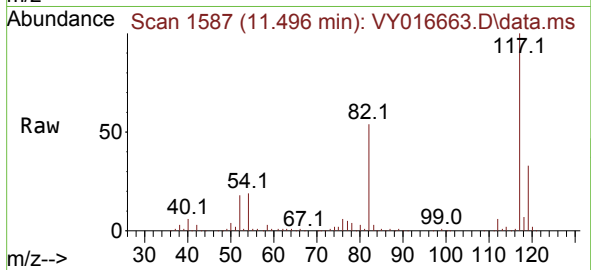




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

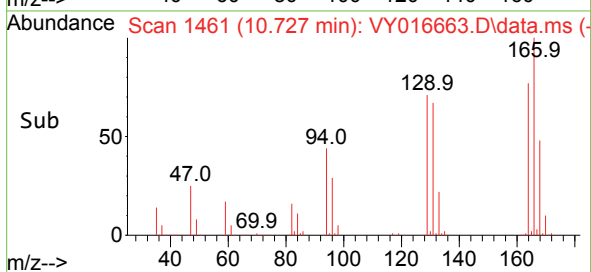
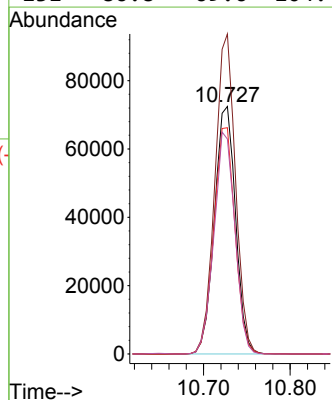
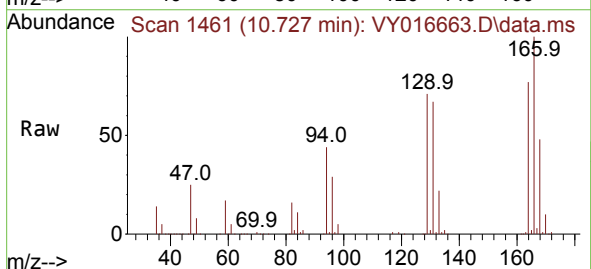
Instrument :
MSVOA_Y
ClientSampleId :

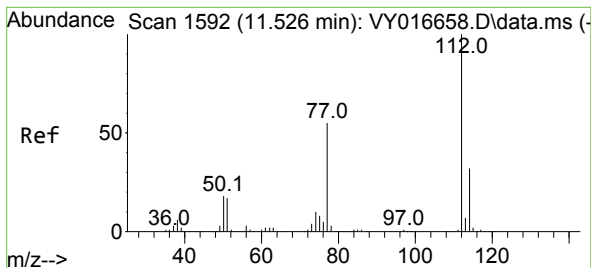
Tgt Ion:117 Resp: 312263
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 48.006 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:164 Resp: 122813
Ion Ratio Lower Upper
164 100
166 129.3 103.0 154.6
129 91.4 77.2 115.8
131 86.8 69.6 104.4

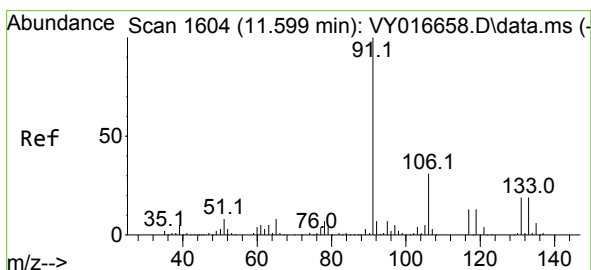
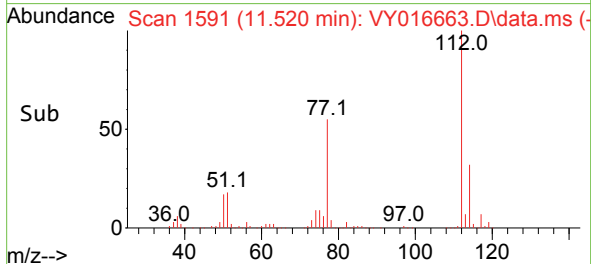
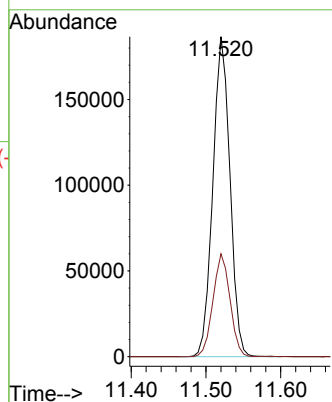
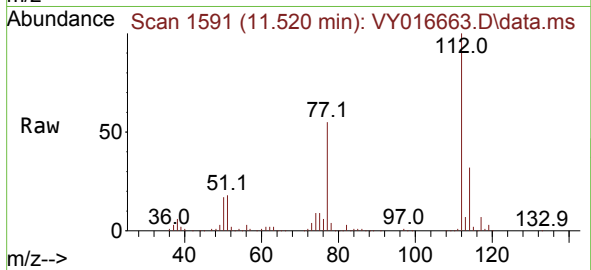




#65
Chlorobenzene
Concen: 48.704 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

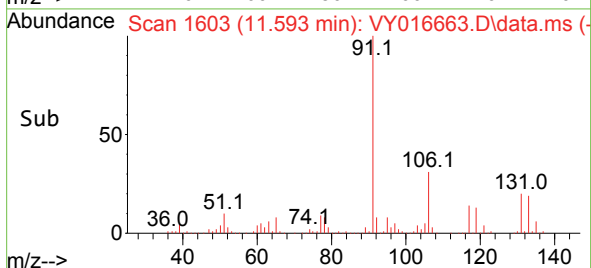
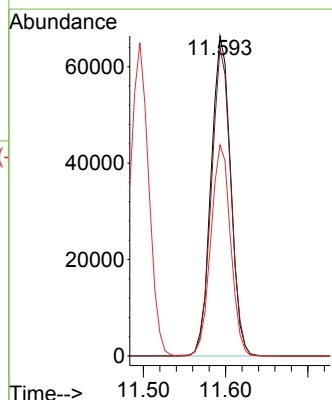
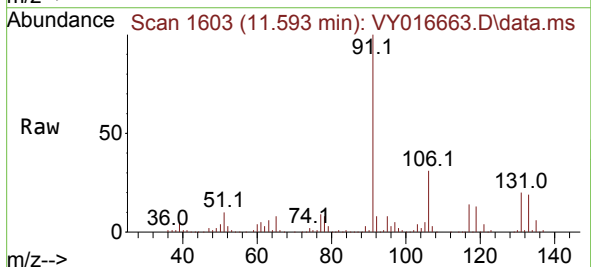
Instrument :
MSVOA_Y
ClientSampleId :

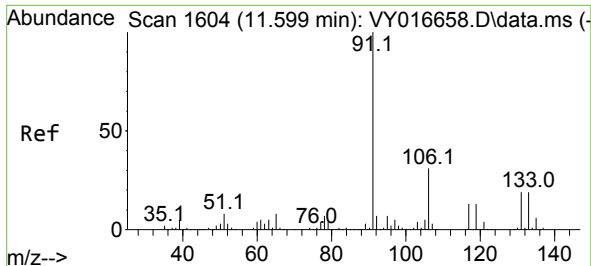
Tgt Ion:112 Resp: 296642
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.234 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:131 Resp: 109670
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.6 31.6 94.7





#67

Ethyl Benzene

Concen: 49.661 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

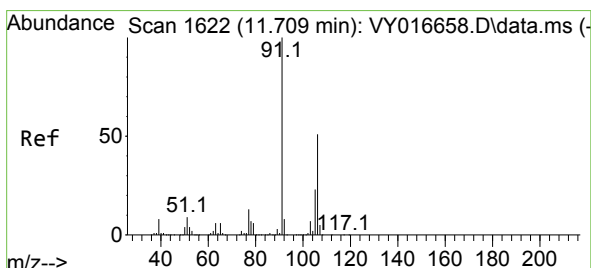
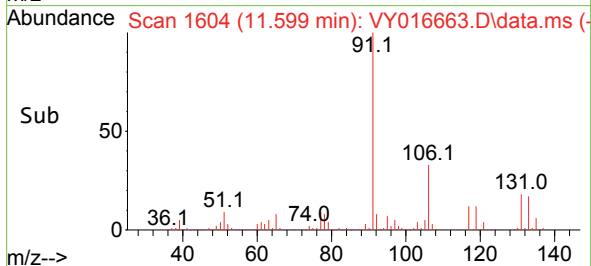
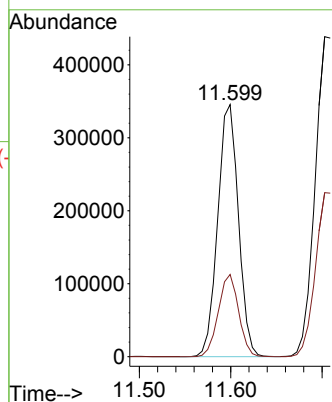
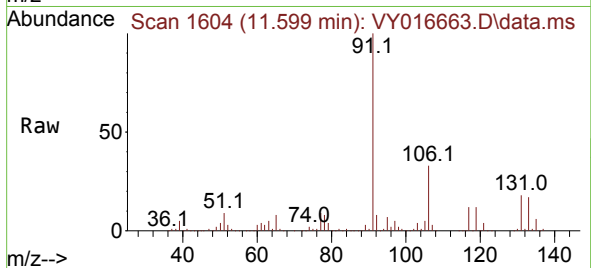
ClientSampleId :

Tgt Ion: 91 Resp: 544172

Ion Ratio Lower Upper

91 100

106 32.6 24.6 36.8



#68

m/p-Xylenes

Concen: 99.269 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY016663.D

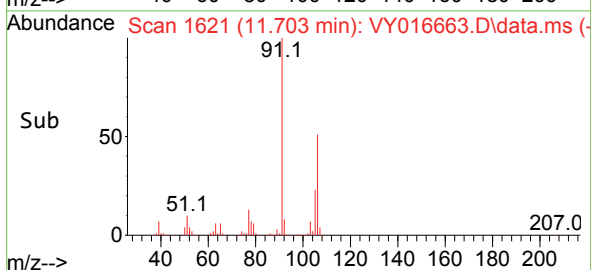
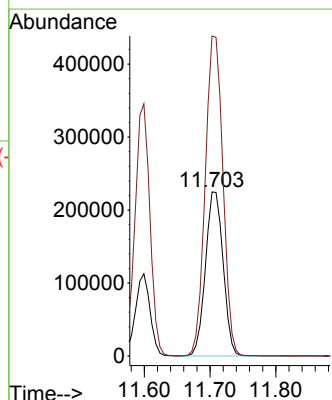
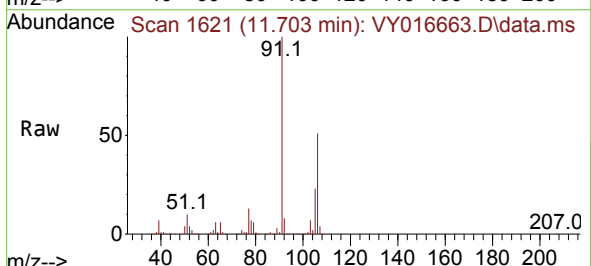
Acq: 16 Dec 2023 10:12

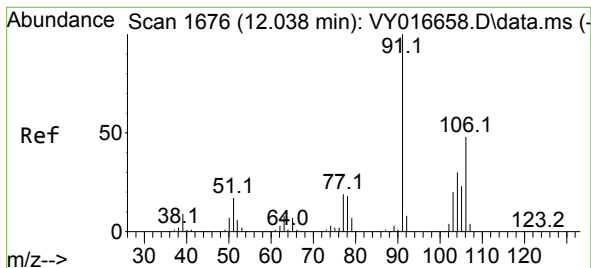
Tgt Ion:106 Resp: 419649

Ion Ratio Lower Upper

106 100

91 195.3 166.1 249.1





#69

o-Xylene

Concen: 49.765 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

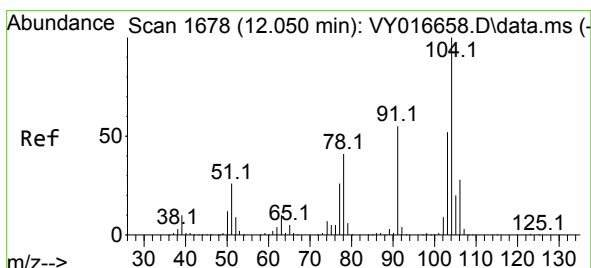
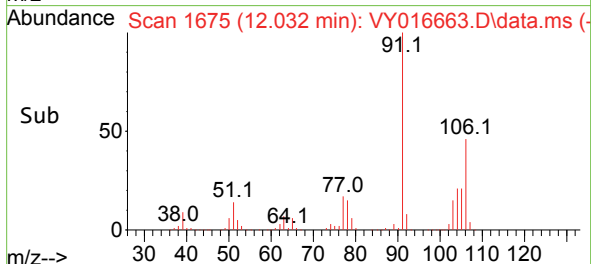
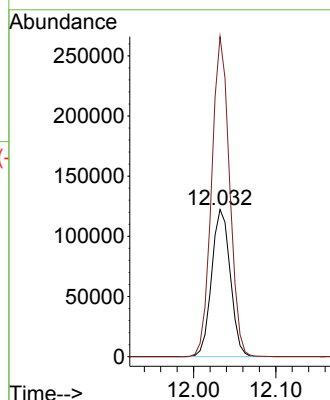
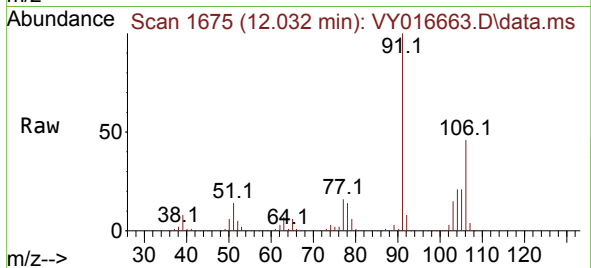
ClientSampleId :

Tgt Ion:106 Resp: 192428

Ion Ratio Lower Upper

106 100

91 209.5 108.1 324.3



#70

Styrene

Concen: 50.566 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

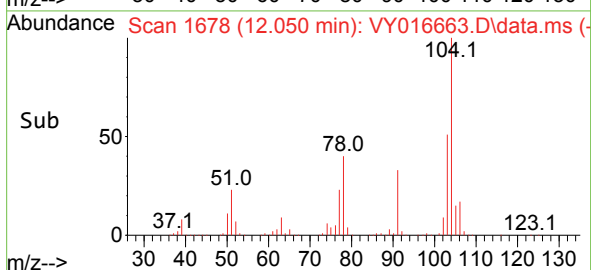
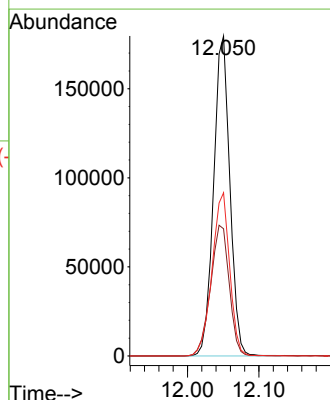
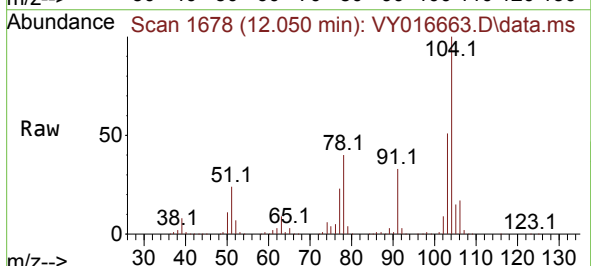
Tgt Ion:104 Resp: 283284

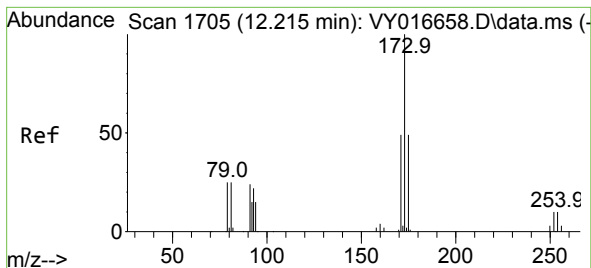
Ion Ratio Lower Upper

104 100

78 47.1 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 48.285 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

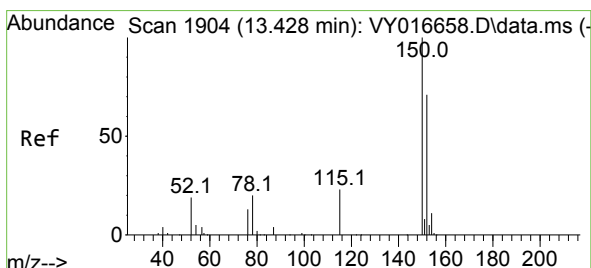
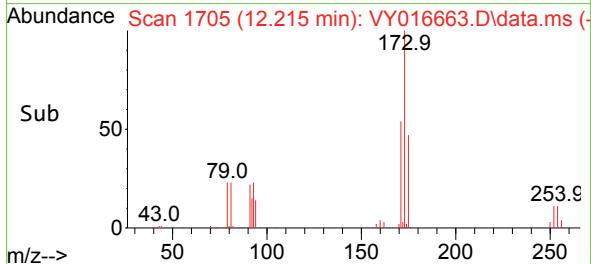
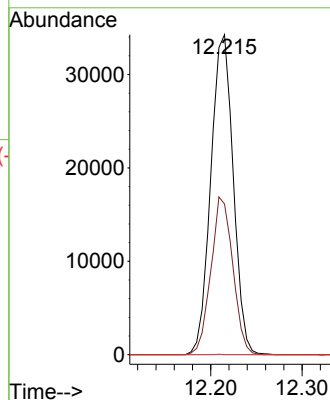
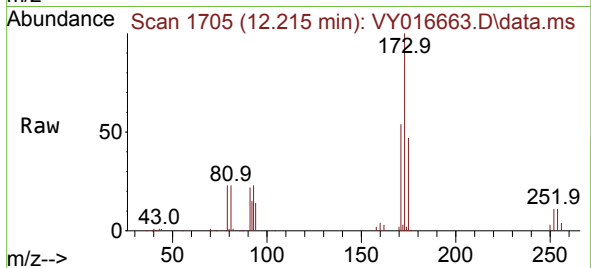
Tgt Ion:173 Resp: 58328

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

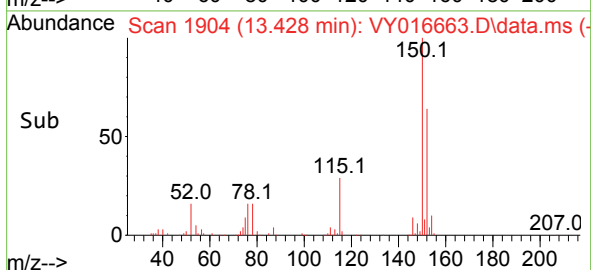
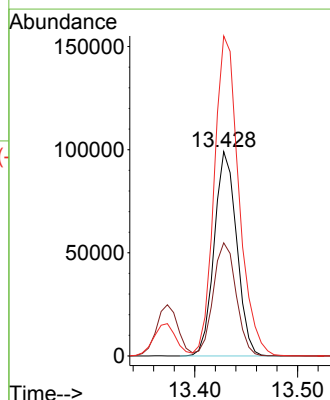
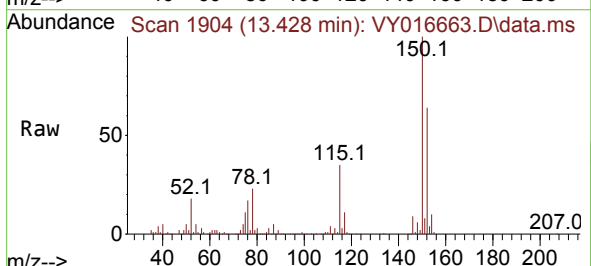
Tgt Ion:152 Resp: 150135

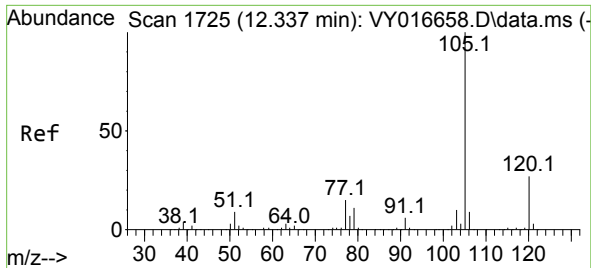
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 171.8 0.0 348.8

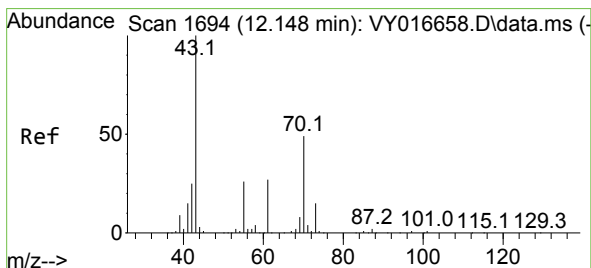
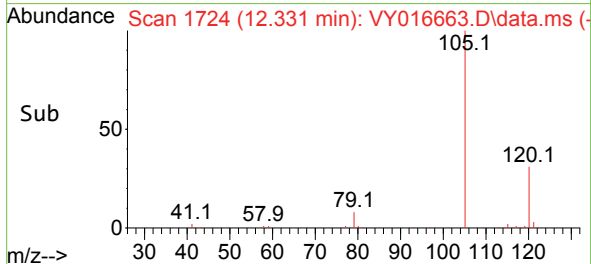
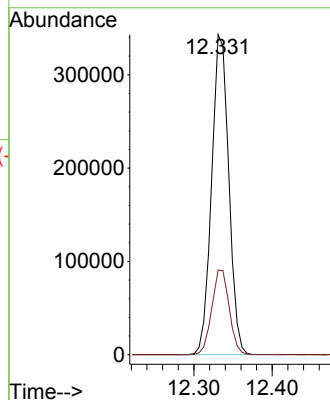
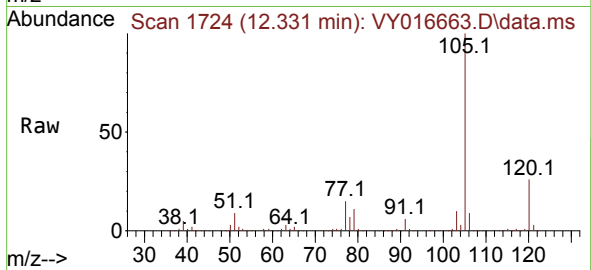




#73
Isopropylbenzene
Concen: 49.388 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

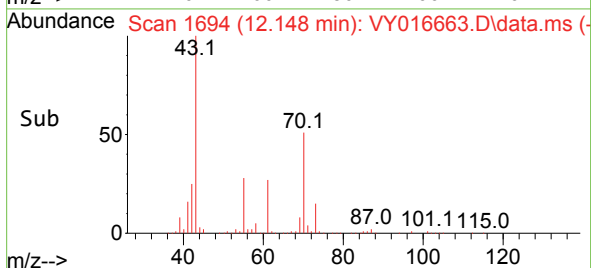
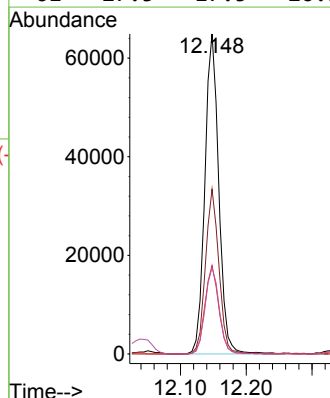
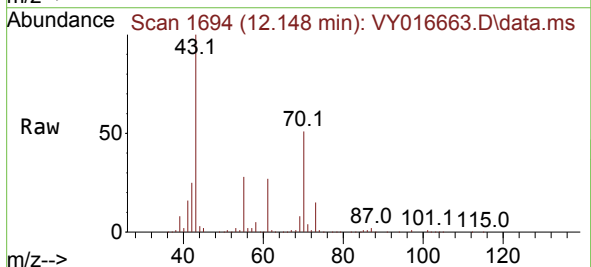
Instrument :
MSVOA_Y
ClientSampleId :

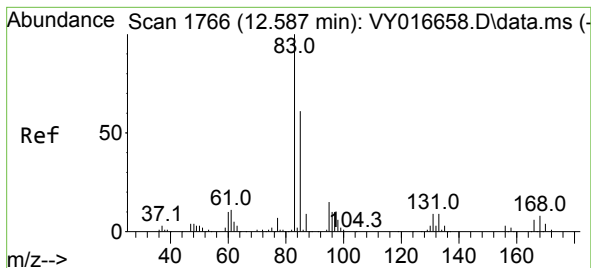
Tgt Ion:105 Resp: 521550
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 48.263 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 43 Resp: 95529
Ion Ratio Lower Upper
43 100
70 50.0 29.7 44.5#
55 27.7 18.3 27.5#
61 27.5 17.5 26.3#

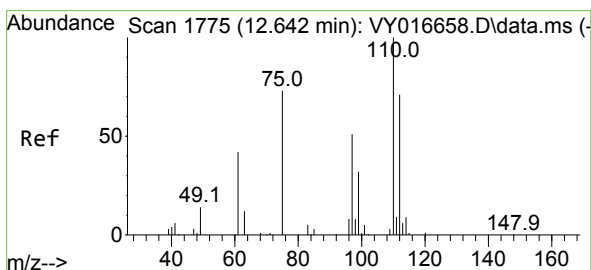
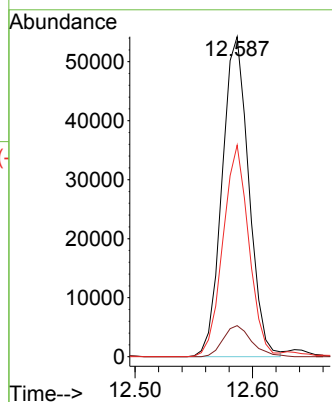
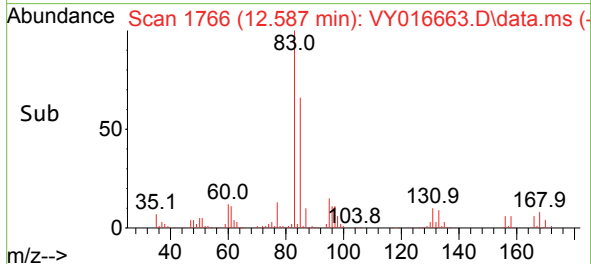
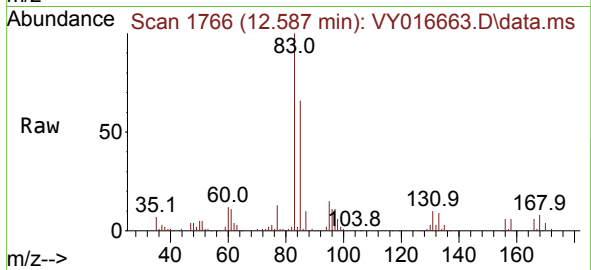




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.635 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

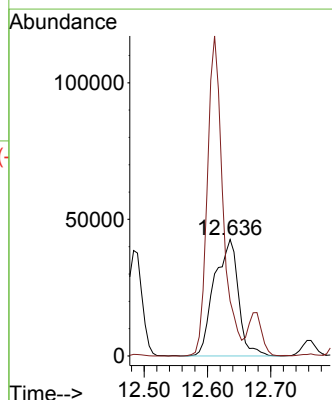
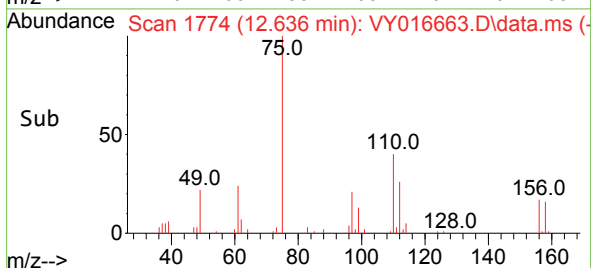
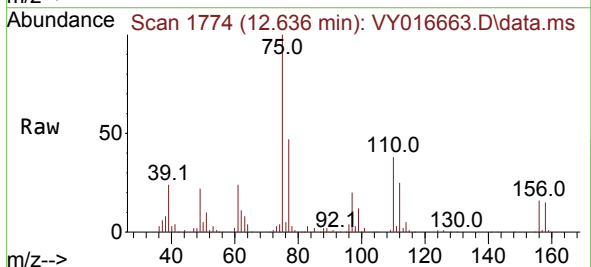
Instrument :
 MSVOA_Y
 ClientSampleId :

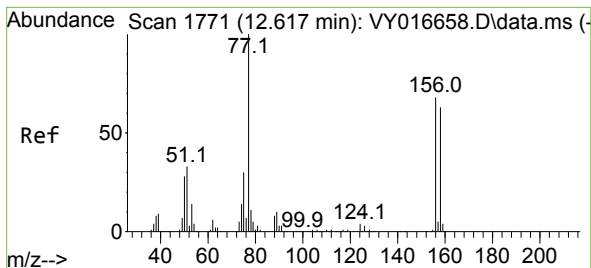
Tgt Ion: 83 Resp: 85580
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.4 16.2
 85 64.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 81.874 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion: 75 Resp: 112595
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.310 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

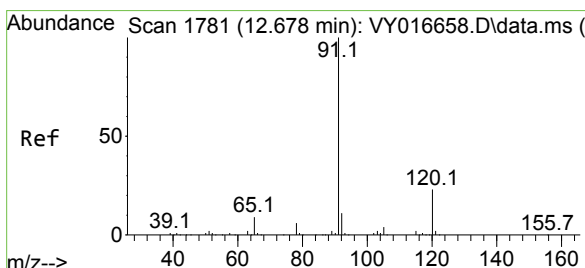
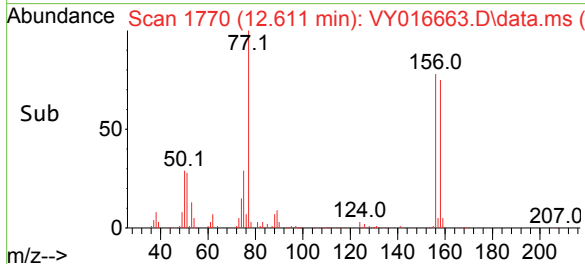
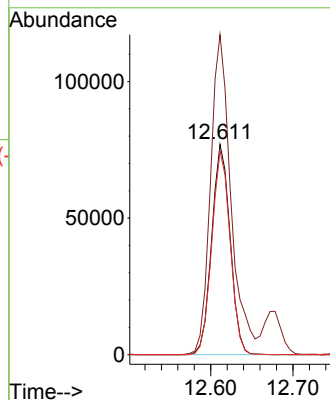
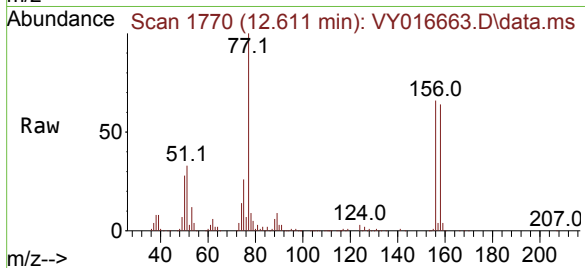
Tgt Ion:156 Resp: 119527

Ion Ratio Lower Upper

156 100

77 168.5 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 49.475 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016663.D

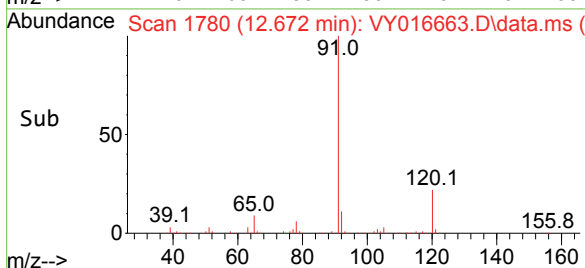
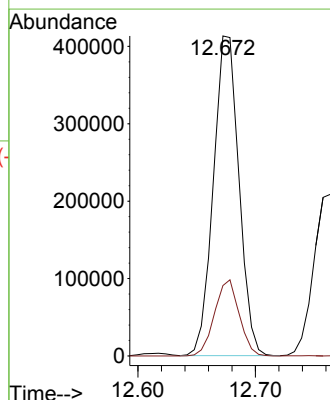
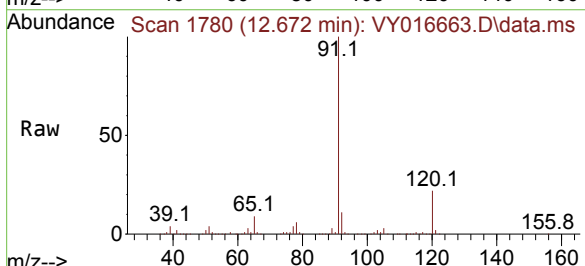
Acq: 16 Dec 2023 10:12

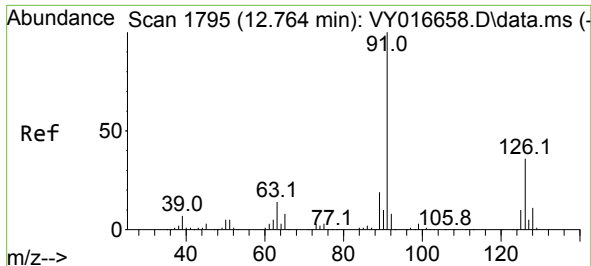
Tgt Ion: 91 Resp: 624495

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.856 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

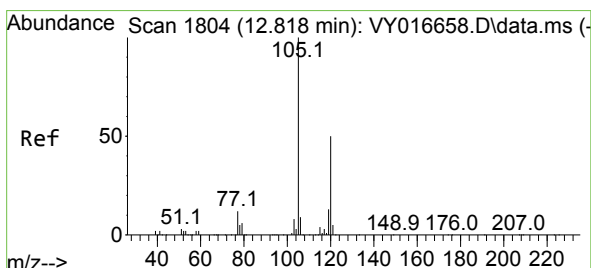
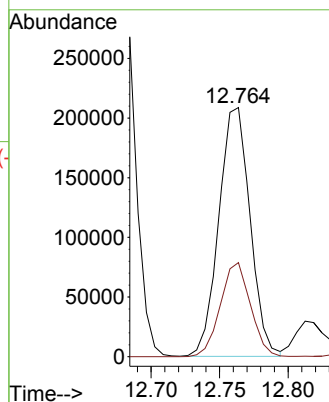
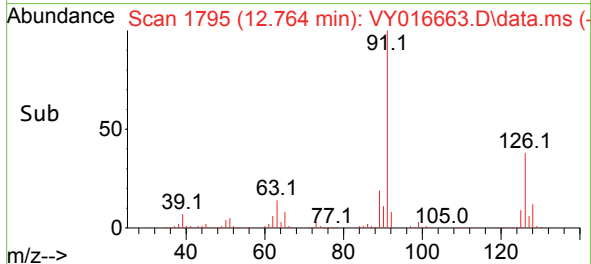
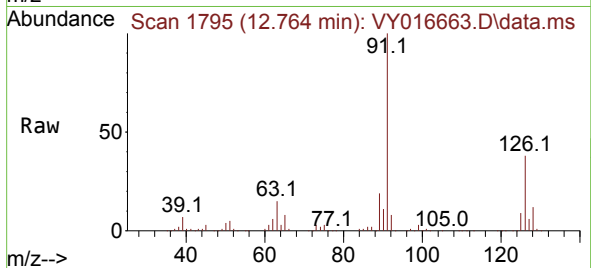
ClientSampleId :

Tgt Ion: 91 Resp: 331706

Ion Ratio Lower Upper

91 100

126 36.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.797 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY016663.D

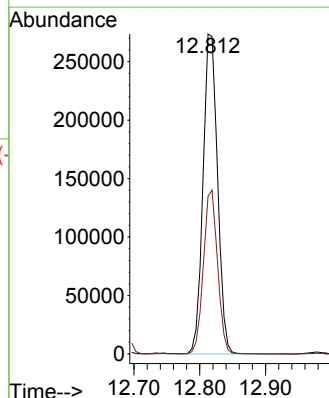
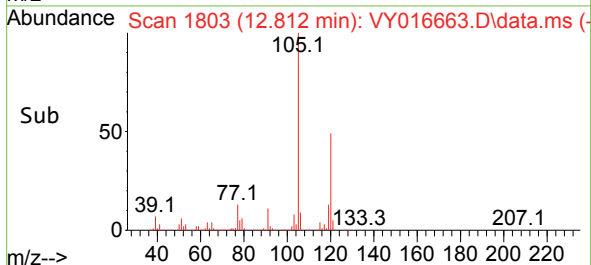
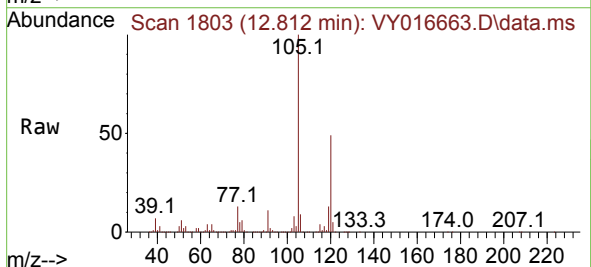
Acq: 16 Dec 2023 10:12

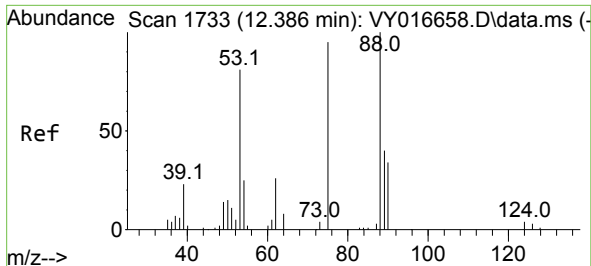
Tgt Ion:105 Resp: 420485

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7

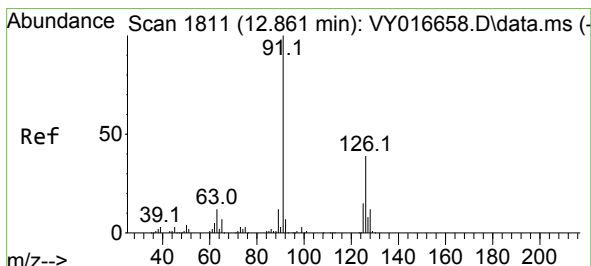
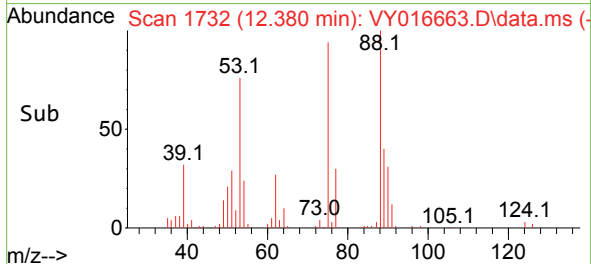
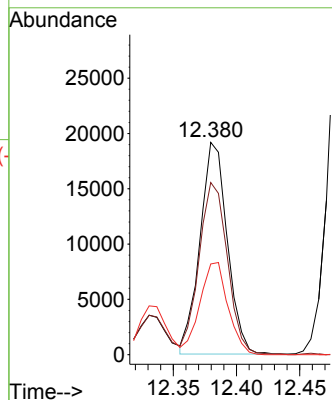
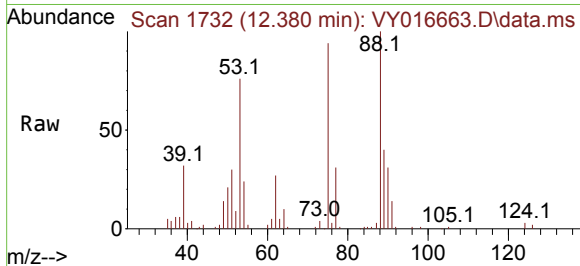




#81
trans-1,4-Dichloro-2-butene
Concen: 47.783 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

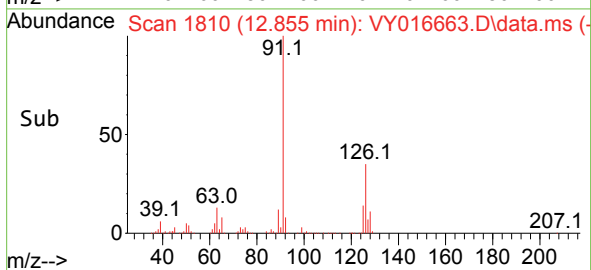
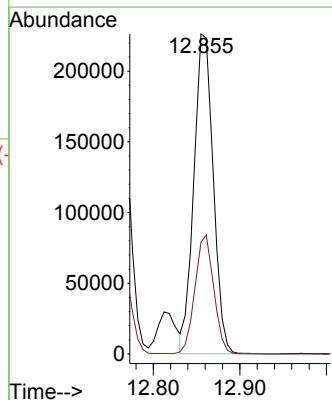
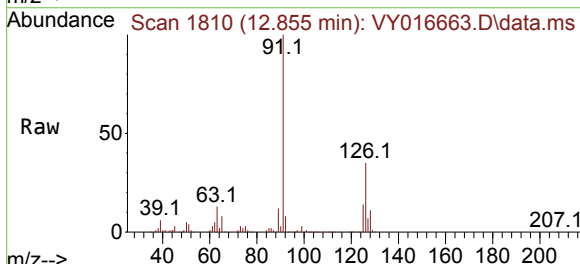
Instrument :
MSVOA_Y
ClientSampleId :

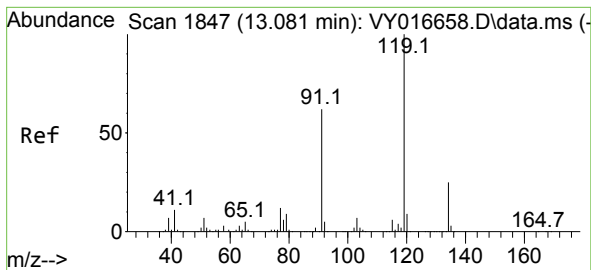
Tgt Ion: 75 Resp: 28755
Ion Ratio Lower Upper
75 100
53 84.9 77.8 116.8
89 45.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.061 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 91 Resp: 351654
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6

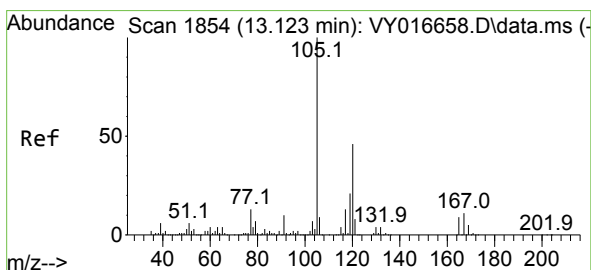
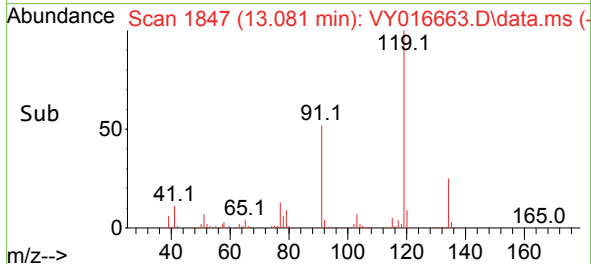
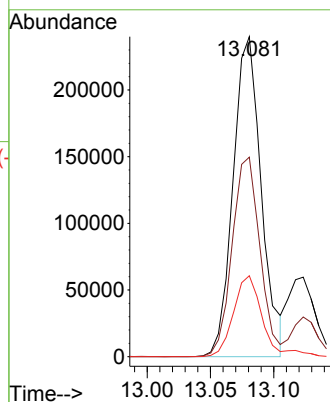
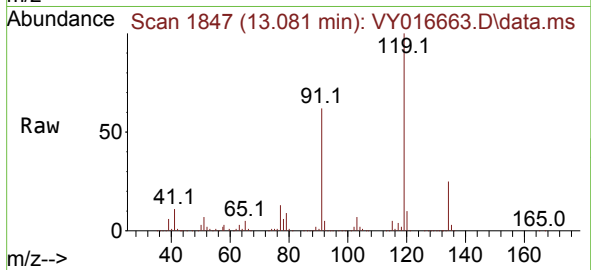




#83
 tert-Butylbenzene
 Concen: 50.502 ug/l
 RT: 13.081 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

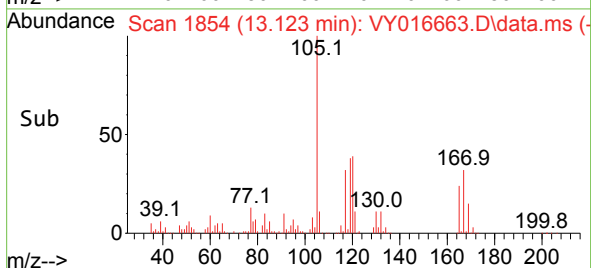
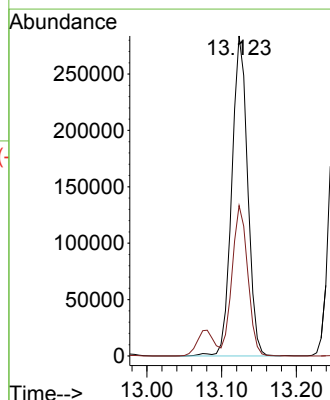
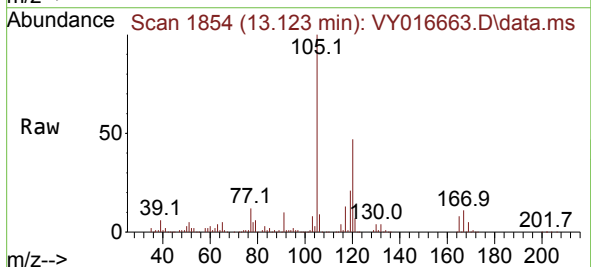
Instrument :
 MSVOA_Y
 ClientSampleId :

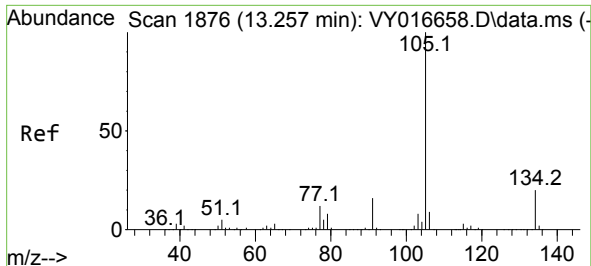
Tgt Ion:119 Resp: 372104
 Ion Ratio Lower Upper
 119 100
 91 61.6 32.9 98.6
 134 26.0 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.889 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion:105 Resp: 417800
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.2 66.6

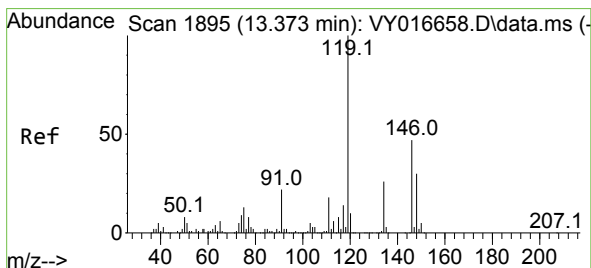
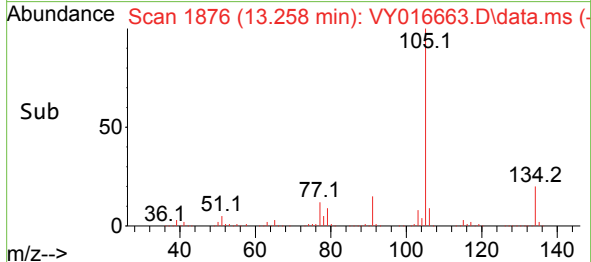
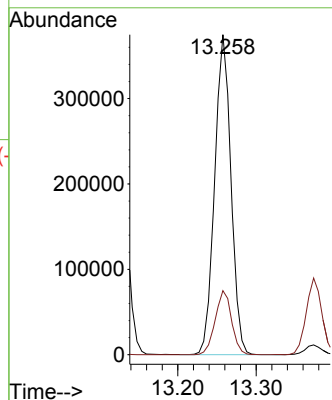
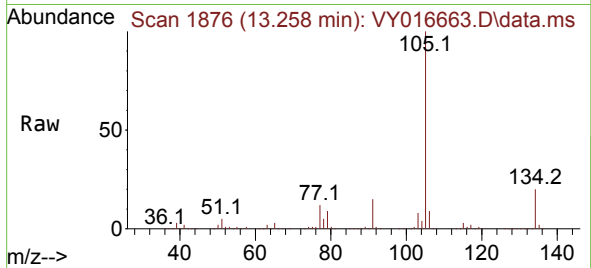




#85
 sec-Butylbenzene
 Concen: 50.126 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

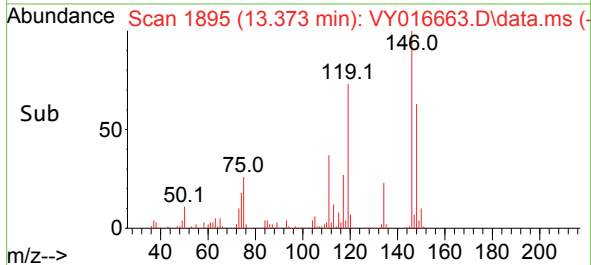
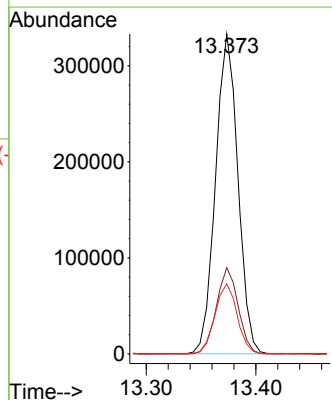
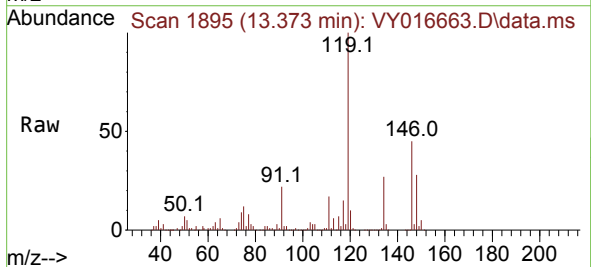
Instrument :
 MSVOA_Y
 ClientSampleId :

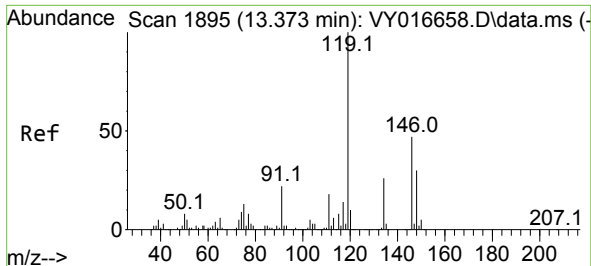
Tgt Ion:105 Resp: 541938
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.074 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion:119 Resp: 471449
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.8 12.4 37.4

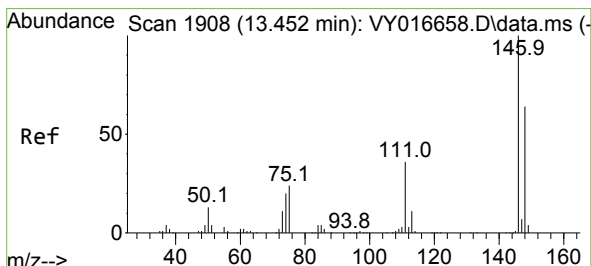
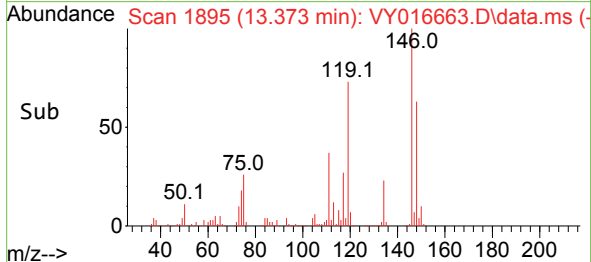
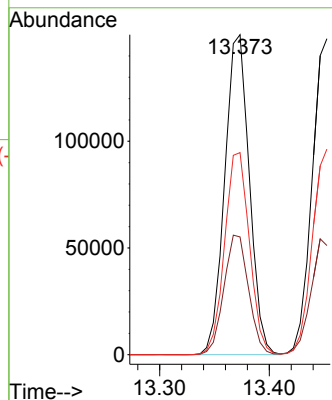
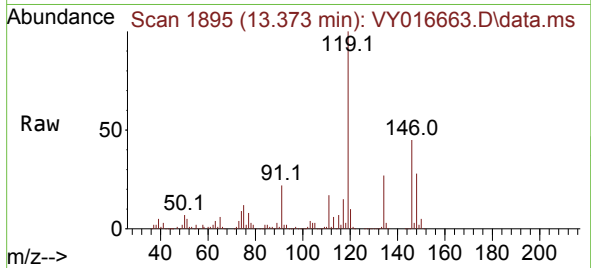




#87
1,3-Dichlorobenzene
Concen: 48.680 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

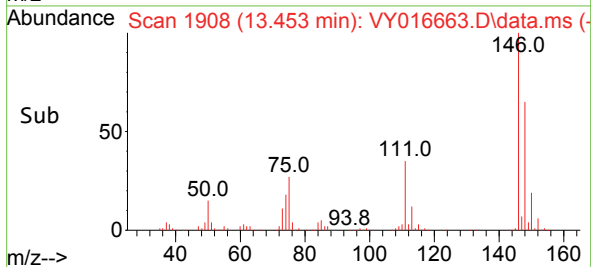
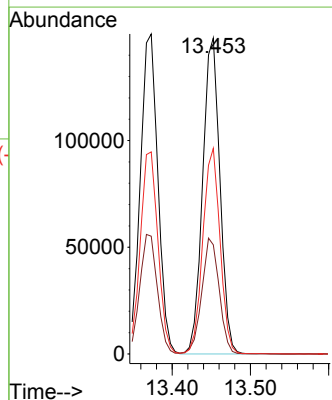
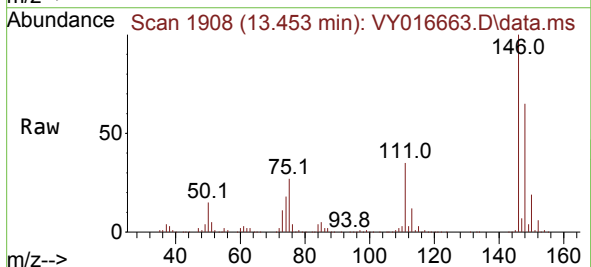
Instrument :
MSVOA_Y
ClientSampleId :

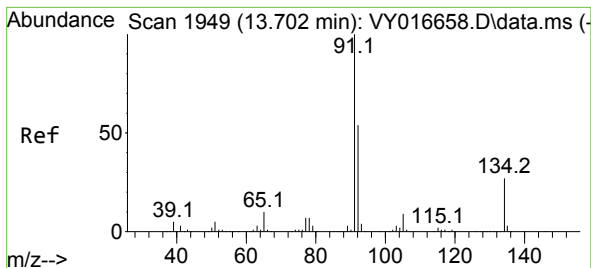
Tgt Ion:146 Resp: 234092
Ion Ratio Lower Upper
146 100
111 37.5 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.975 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:146 Resp: 226850
Ion Ratio Lower Upper
146 100
111 36.8 18.9 56.7
148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.200 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

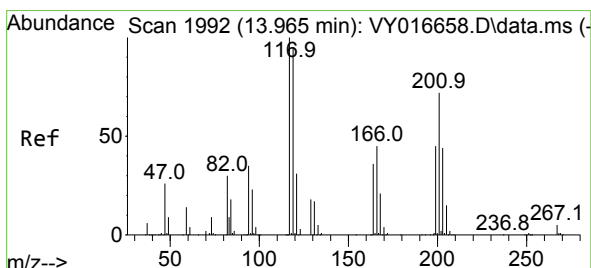
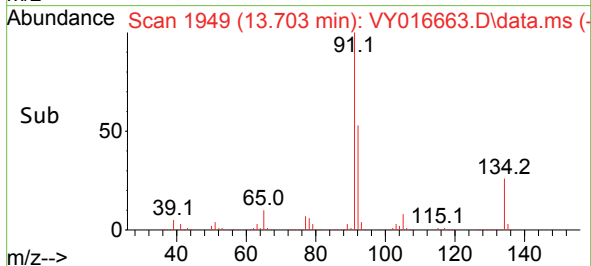
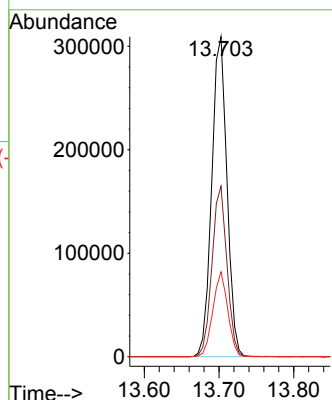
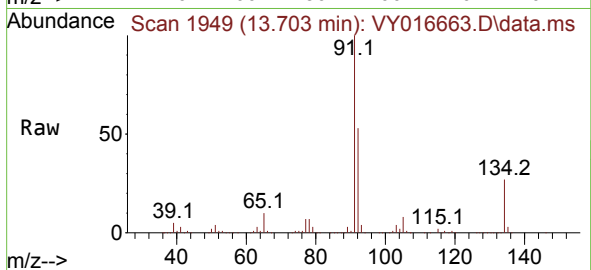
Tgt Ion: 91 Resp: 439044

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 47.966 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY016663.D

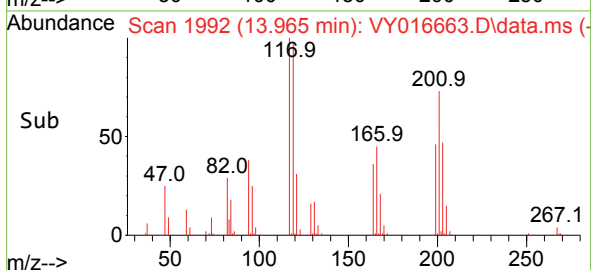
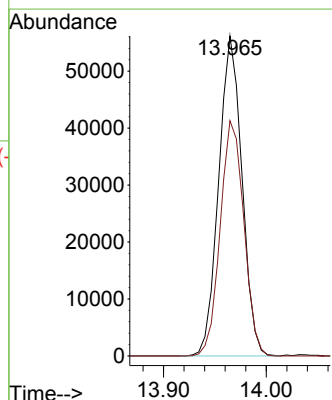
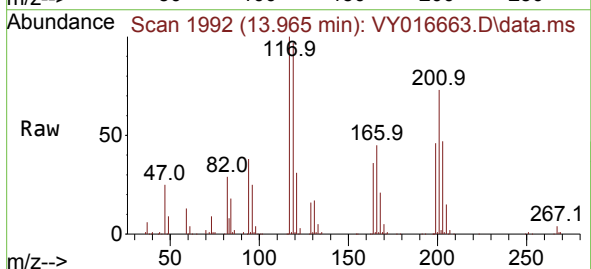
Acq: 16 Dec 2023 10:12

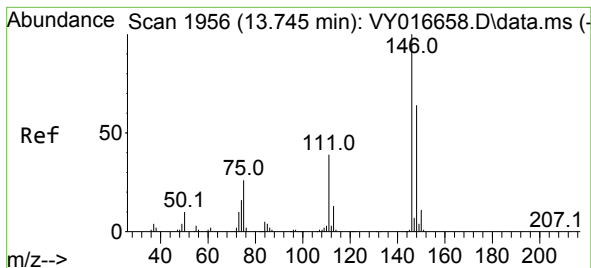
Tgt Ion: 117 Resp: 88126

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.168 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

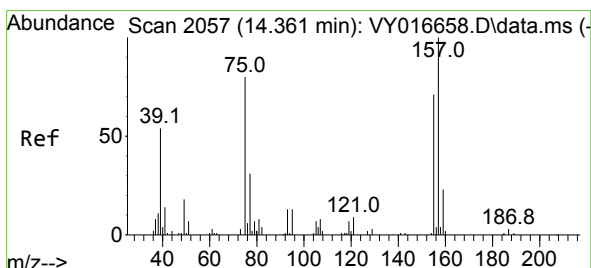
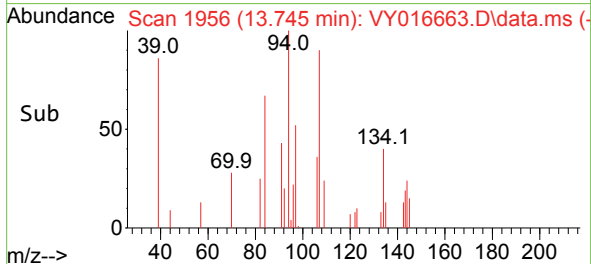
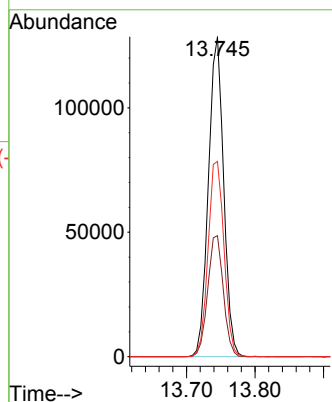
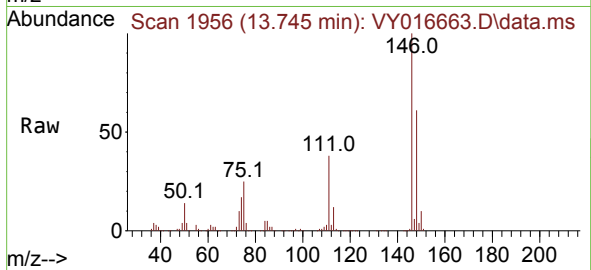
Tgt Ion:146 Resp: 198743

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.922 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

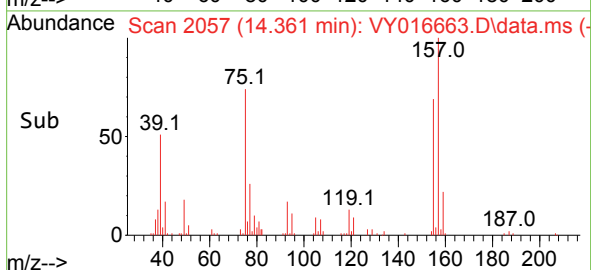
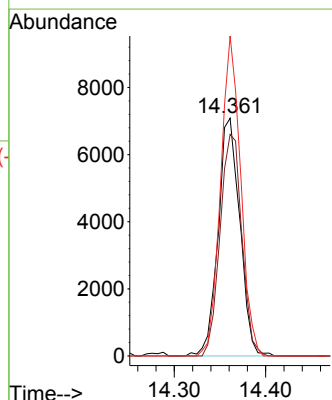
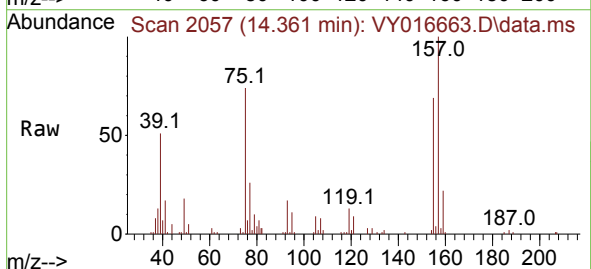
Tgt Ion: 75 Resp: 11681

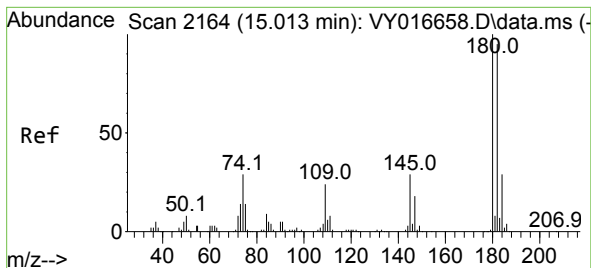
Ion Ratio Lower Upper

75 100

155 93.3 41.5 124.6

157 124.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.124 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

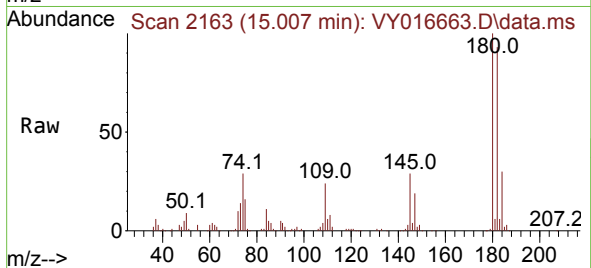
Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :



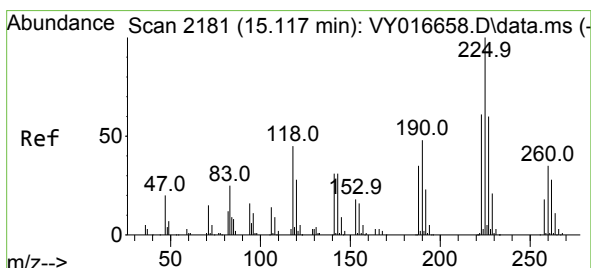
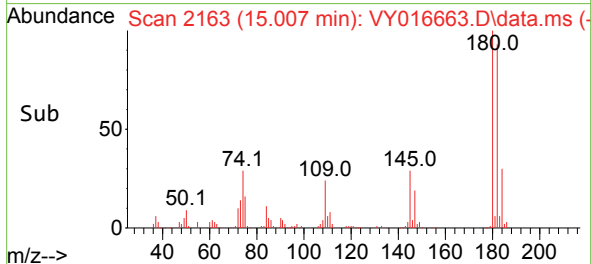
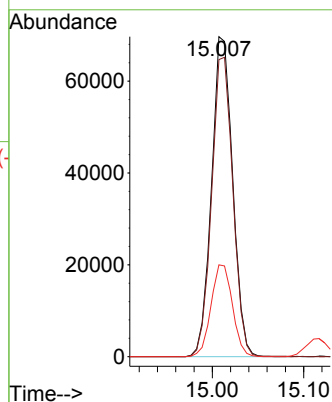
Tgt Ion:180 Resp: 111718

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 29.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.345 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

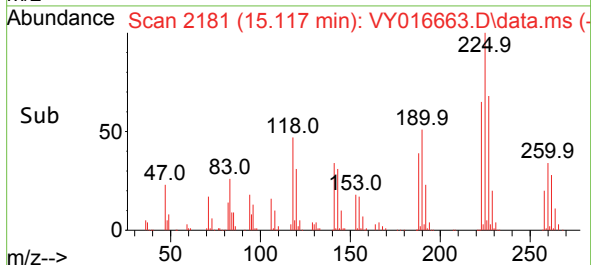
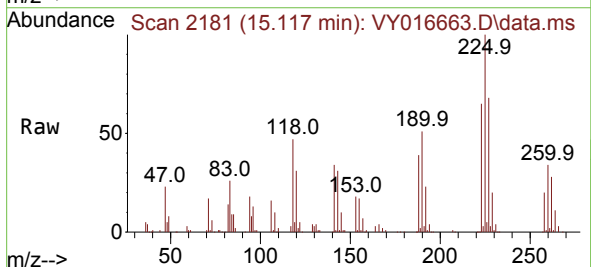
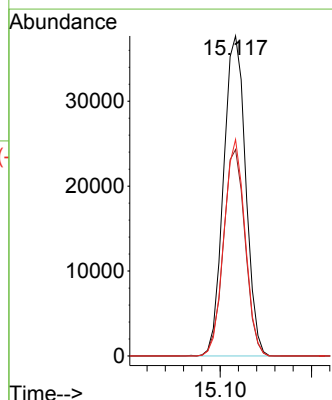
Tgt Ion:225 Resp: 63340

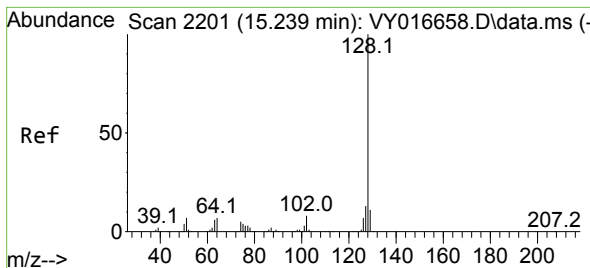
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.7 33.0 98.9





#95

Naphthalene

Concen: 50.555 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

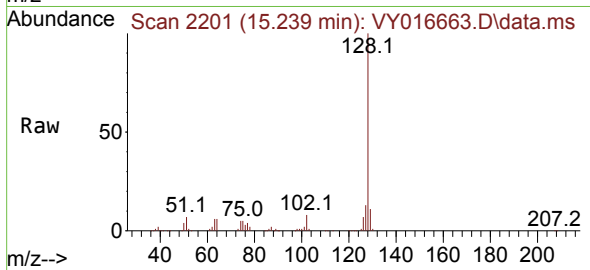
Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :



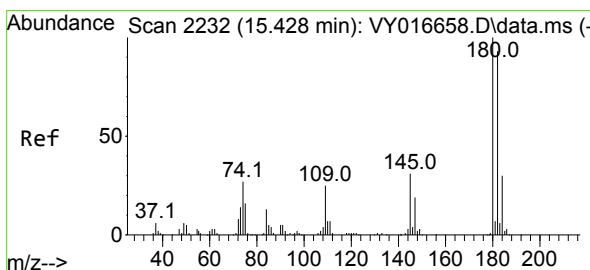
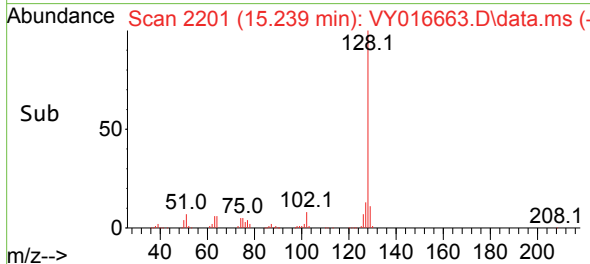
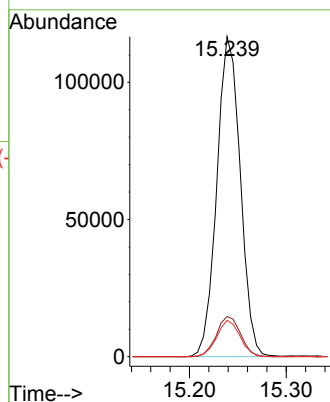
Tgt Ion:128 Resp: 196516

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.081 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion:180 Resp: 90177

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 31.2 15.4 46.2

