

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016266.D
 Acq On : 08 Nov 2023 16:30
 Operator : SY/MD
 Sample : 05047-23DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 01:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	242646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	113151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78565	49.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.280%
35) Dibromofluoromethane	7.728	113	82569	51.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.185	98	332733	51.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.489	95	106949	50.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.660%

Target Compounds				Qvalue		
12) 1,1-Dichloroethene	3.881	96	20178	11.414	ug/l	89
14) Allyl chloride	4.728	41	3083	1.229	ug/l #	22
15) Acrylonitrile	5.222	53	2103	5.650	ug/l #	25
16) Acetone	3.960	43	24562	92.874	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	193981	45.338	ug/l	100
20) Methylene Chloride	4.722	84	81707	43.265	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	66012	32.432	ug/l	92
24) 1,1-Dichloroethane	6.027	63	126294	37.866	ug/l	96
25) 2-Butanone	6.996	43	41742	90.112	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	51717	23.577	ug/l	81
28) Bromochloromethane	7.514	49	4035	3.269	ug/l #	14
30) Chloroform	7.514	83	52668	15.171	ug/l	96
31) Cyclohexane	7.795	56	3404	1.081	ug/l #	1
32) 1,1,1-Trichloroethane	7.709	97	32245	10.133	ug/l	98
36) 1,1-Dichloropropene	7.795	75	13115	4.728	ug/l #	50
37) Ethyl Acetate	6.996	43	41742	37.241	ug/l #	1
38) Carbon Tetrachloride	7.795	117	17208	5.977	ug/l #	17
44) Trichloroethene	8.947	130	41490	18.523	ug/l	99
45) 1,2-Dichloropropane	9.221	63	21077	11.260	ug/l	99
48) Methyl methacrylate	9.221	41	10389	8.676	ug/l #	43
51) 4-Methyl-2-Pentanone	10.081	43	47896	43.717	ug/l	91
52) Toluene	10.252	92	156868	31.840	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	22317	8.828	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	92846	30.750	ug/l #	89
59) 2-Hexanone	10.843	43	22548	27.668	ug/l	95
60) Dibromochloromethane	10.727	129	10482	5.995	ug/l #	11
61) 1,2-Dibromoethane	11.093	107	14850	11.149	ug/l	100
64) Tetrachloroethene	10.727	164	11631	5.338	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	89709	46.916	ug/l	98
67) Ethyl Benzene	11.605	91	404382	43.403	ug/l	99
68) m/p-Xylenes	11.709	106	116665	33.014	ug/l	96
69) o-Xylene	12.038	106	114715	34.964	ug/l	97
70) Styrene	12.050	104	264937	56.393	ug/l	94
71) Bromoform	12.215	173	40893	41.216	ug/l #	99
73) Isopropylbenzene	12.337	105	353534	38.584	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	24067	16.369	ug/l	99

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

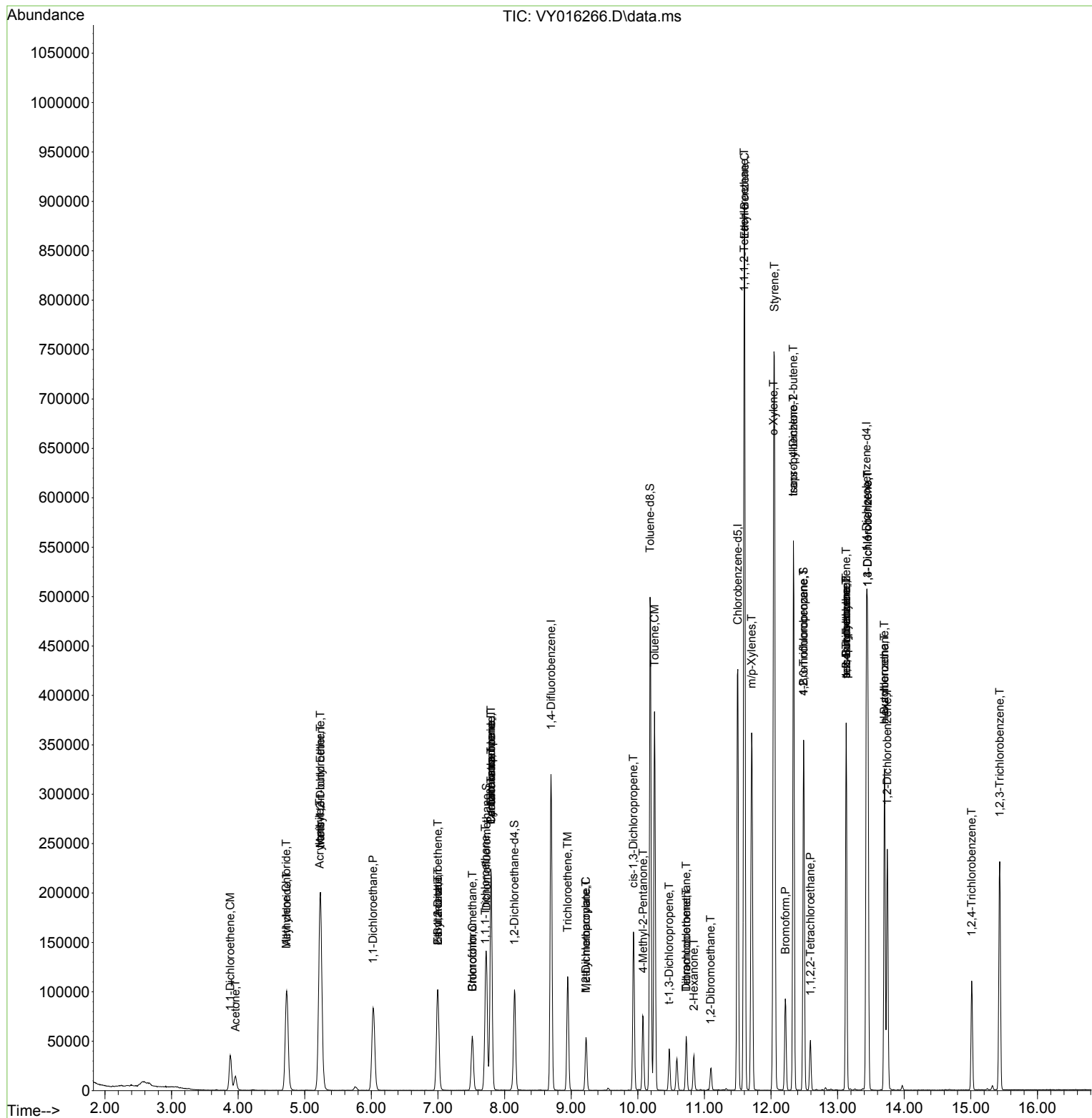
76) 1,2,3-Trichloropropane	12.489	75	55417	51.055	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.337	75	4416	8.831	ug/l #	67
83) tert-Butylbenzene	13.129	119	24582	3.778	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.129	105	195494	26.875	ug/l	98
85) sec-Butylbenzene	13.129	105	195494	21.030	ug/l #	56
86) p-Isopropyltoluene	13.129	119	24304	3.036	ug/l #	16
87) 1,3-Dichlorobenzene	13.452	146	153522	38.533	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	153522	39.428	ug/l	99
89) n-Butylbenzene	13.702	91	175368	23.723	ug/l	97
90) Hexachloroethane	13.702	117	2821	1.827	ug/l #	8
91) 1,2-Dichlorobenzene	13.745	146	98298	28.792	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	33005	16.562	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	74821	45.394	ug/l	97

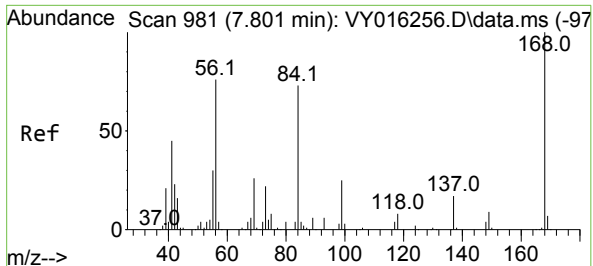
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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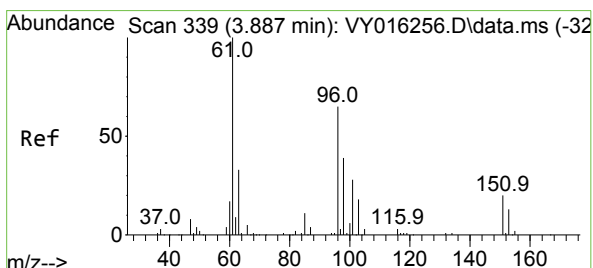
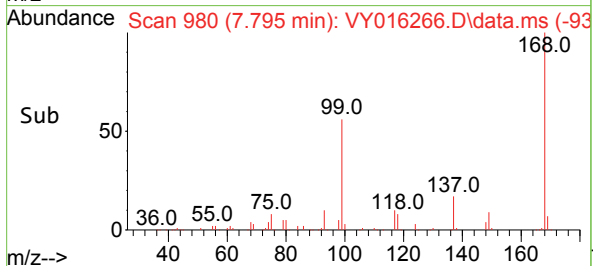
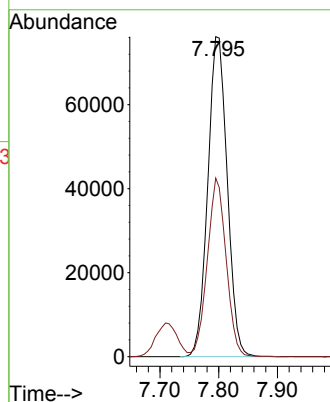
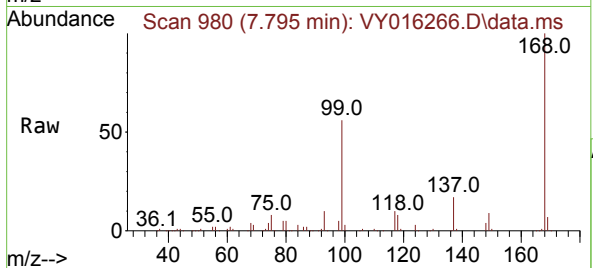




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

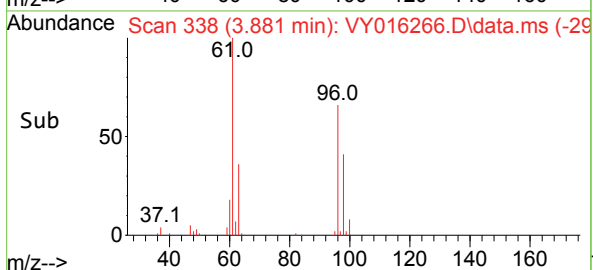
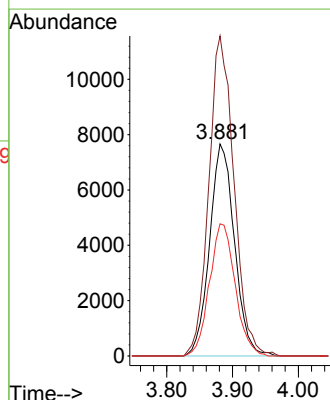
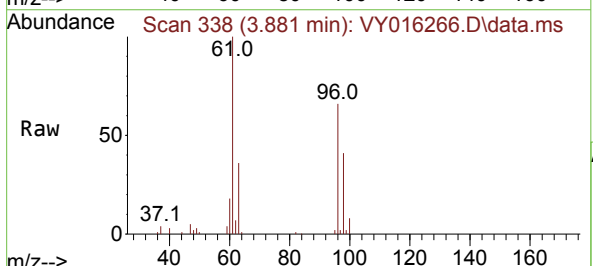
Instrument :
MSVOA_Y
ClientSampleId :

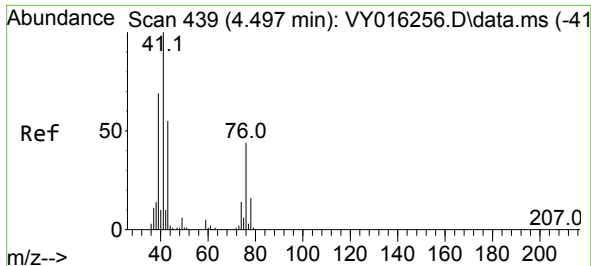
Tgt Ion:168 Resp: 174934
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#12
1,1-Dichloroethene
Concen: 11.414 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

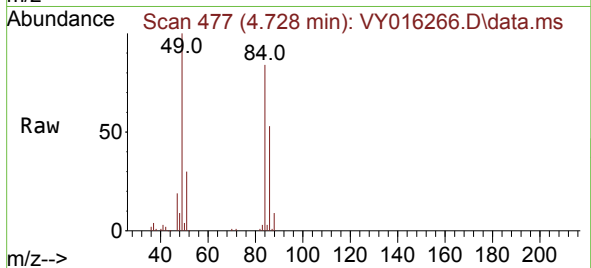
Tgt Ion: 96 Resp: 20178
Ion Ratio Lower Upper
96 100
61 150.9 136.4 204.6
98 62.3 49.4 74.2



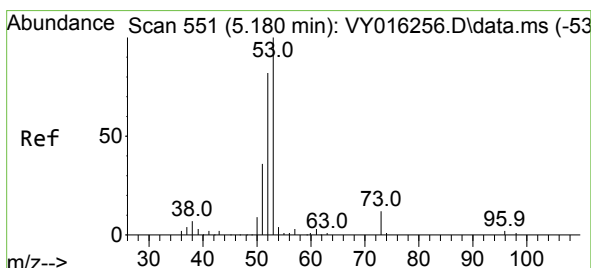
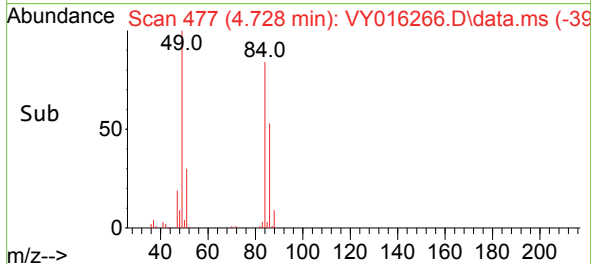
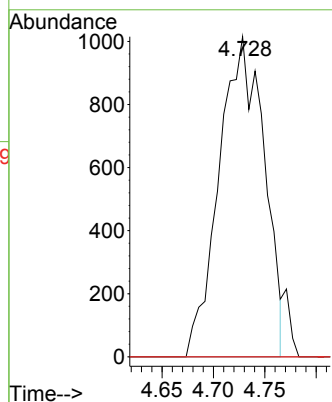


#14
 Allyl chloride
 Concen: 1.229 ug/l
 RT: 4.728 min Scan# 41
 Delta R.T. 0.231 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :

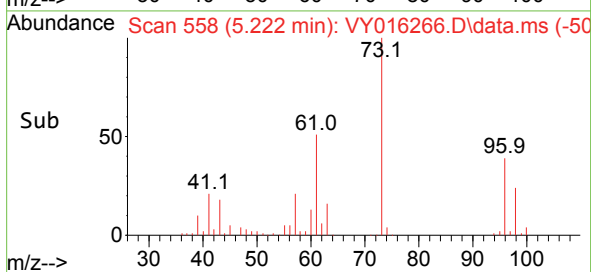
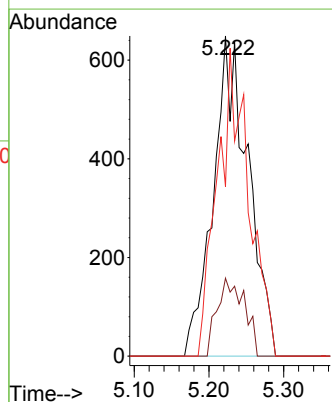
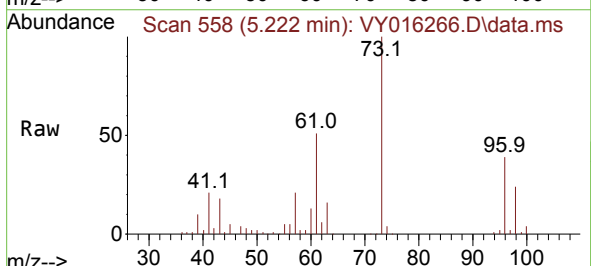


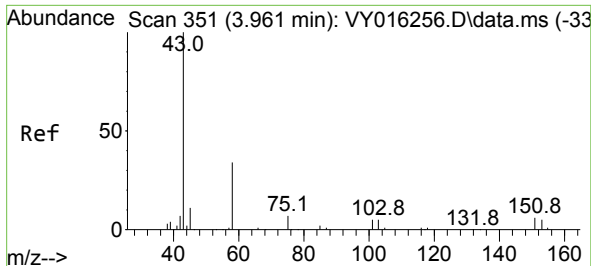
Tgt Ion: 41 Resp: 3083
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.0 87.0#
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 5.650 ug/l
 RT: 5.222 min Scan# 558
 Delta R.T. 0.042 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

Tgt Ion: 53 Resp: 2103
 Ion Ratio Lower Upper
 53 100
 52 19.0 66.9 100.3#
 51 85.9 29.8 44.6#





#16

Acetone

Concen: 92.874 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

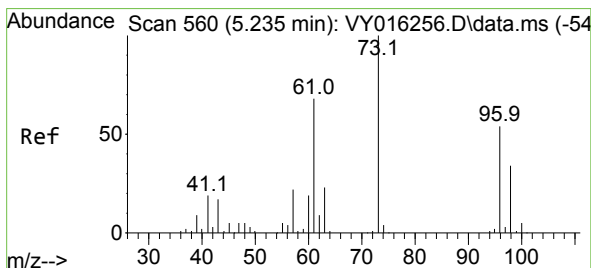
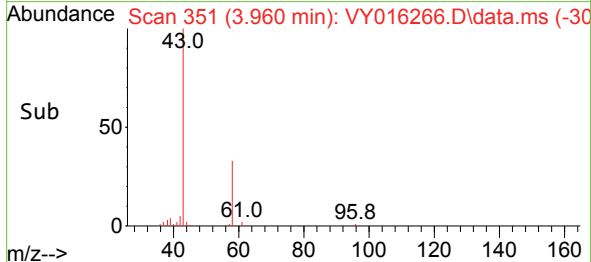
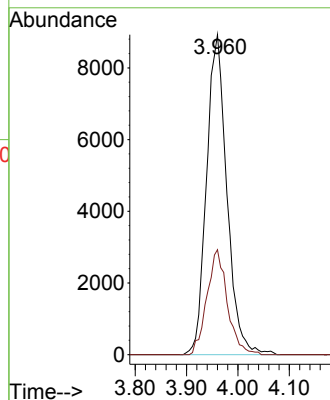
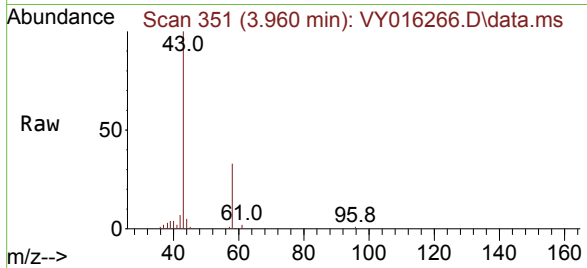
ClientSampleId :

Tgt Ion: 43 Resp: 24562

Ion Ratio Lower Upper

43 100

58 32.8 22.7 34.1



#19

Methyl tert-butyl Ether

Concen: 45.338 ug/l

RT: 5.234 min Scan# 560

Delta R.T. -0.000 min

Lab File: VY016266.D

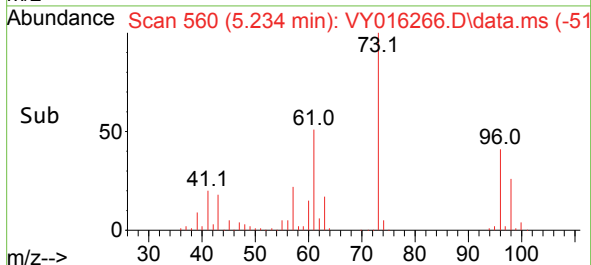
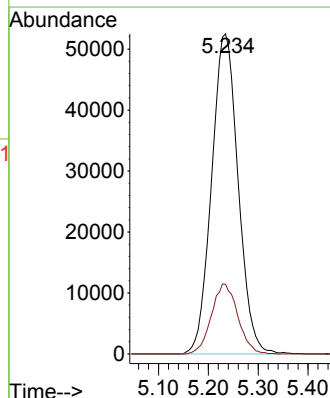
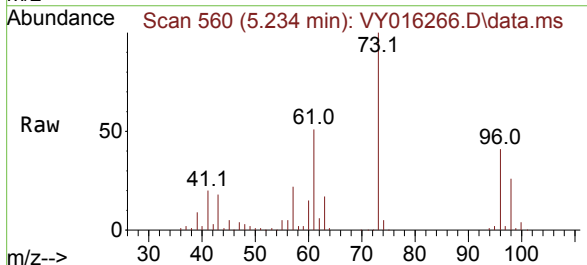
Acq: 08 Nov 2023 16:30

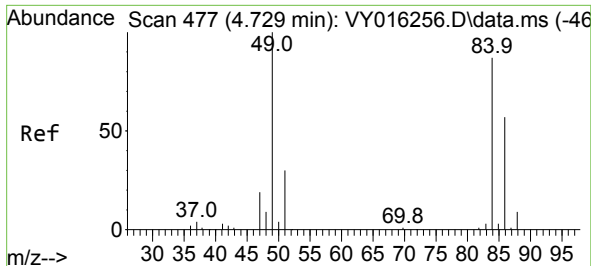
Tgt Ion: 73 Resp: 193981

Ion Ratio Lower Upper

73 100

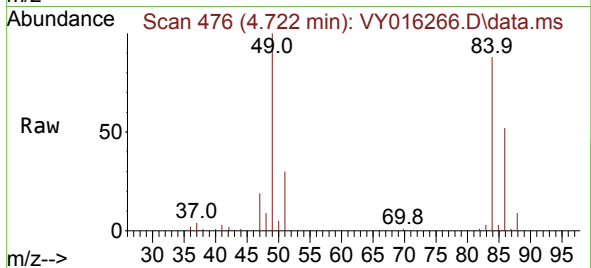
57 21.8 17.3 25.9



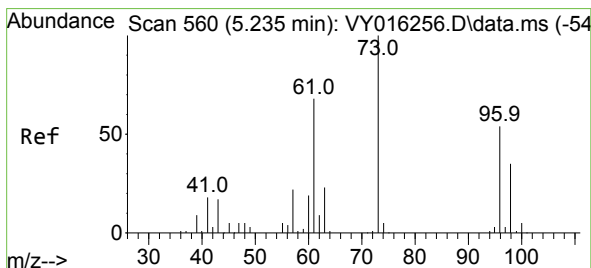
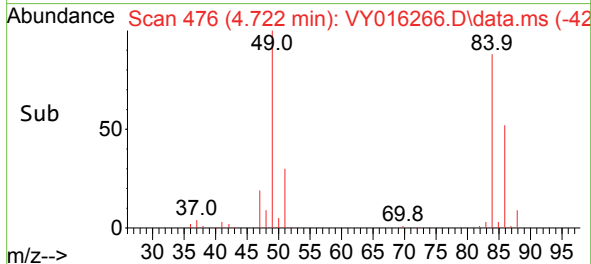
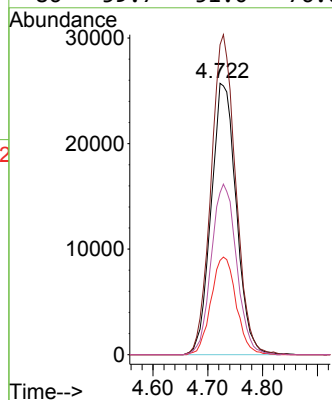


#20
Methylene Chloride
Concen: 43.265 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

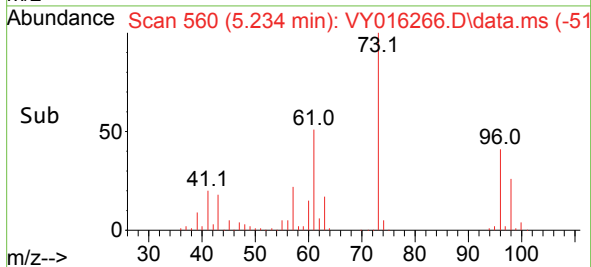
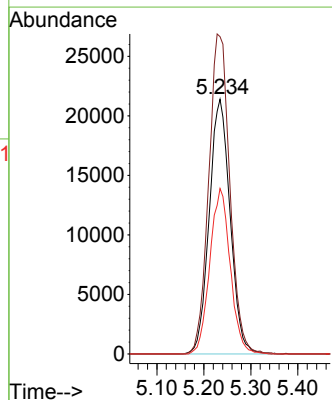
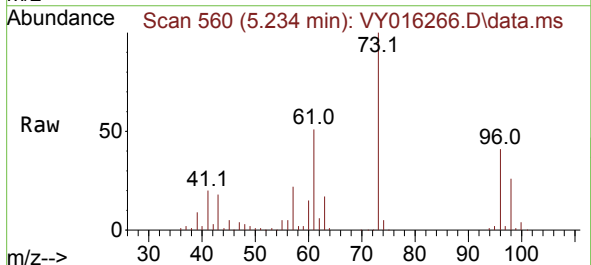


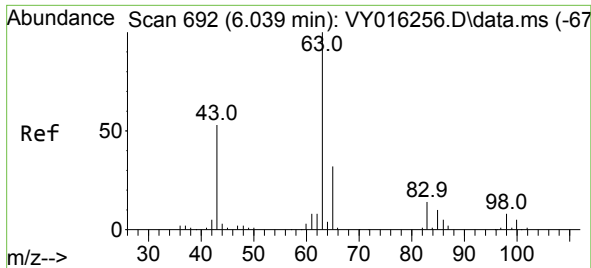
Tgt Ion:	84	Resp:	81707
Ion	Ratio	Lower	Upper
84	100		
49	114.2	106.9	160.3
51	34.7	33.2	49.8
86	59.7	51.0	76.6



#21
trans-1,2-Dichloroethene
Concen: 32.432 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:	96	Resp:	66012
Ion	Ratio	Lower	Upper
96	100		
61	124.6	110.2	165.4
98	65.0	51.8	77.6

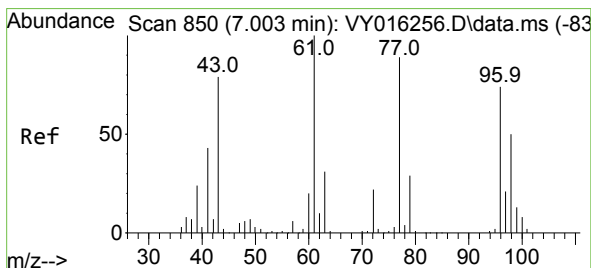
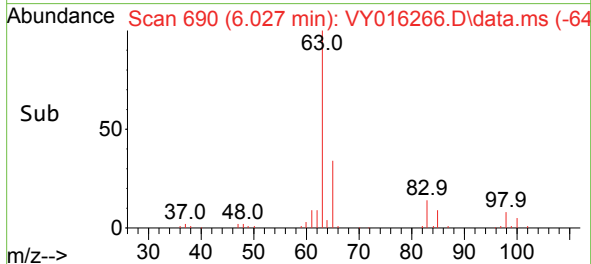
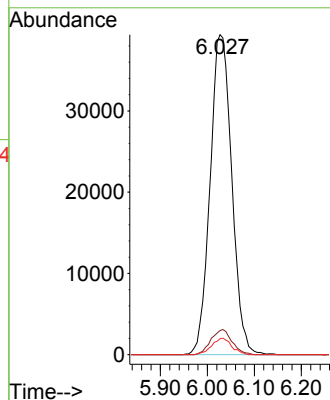
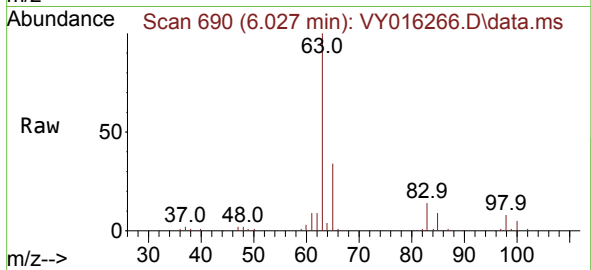




#24
1,1-Dichloroethane
Concen: 37.866 ug/l
RT: 6.027 min Scan# 64
Delta R.T. -0.013 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

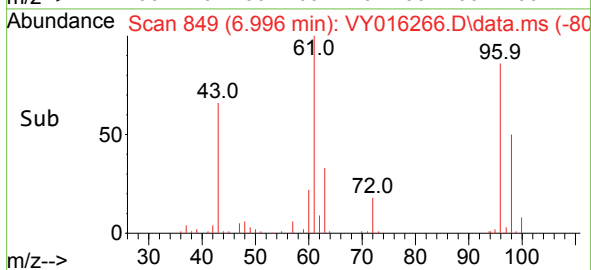
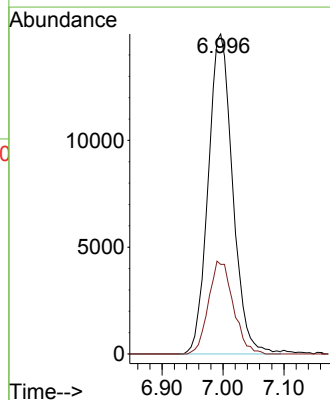
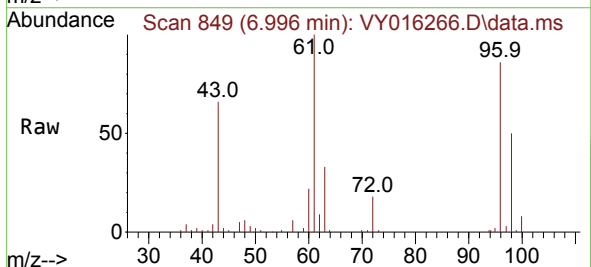
Instrument :
MSVOA_Y
ClientSampleId :

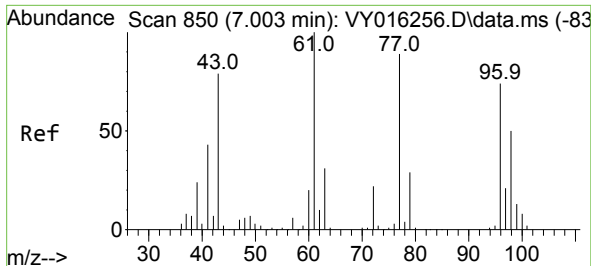
Tgt Ion: 63 Resp: 126294
Ion Ratio Lower Upper
63 100
98 7.5 3.1 9.4
100 5.0 1.8 5.5



#25
2-Butanone
Concen: 90.112 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 43 Resp: 41742
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7





#27

cis-1,2-Dichloroethene

Concen: 23.577 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

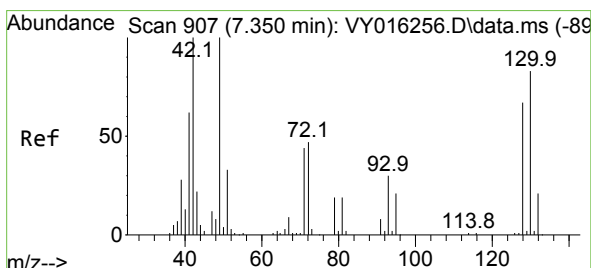
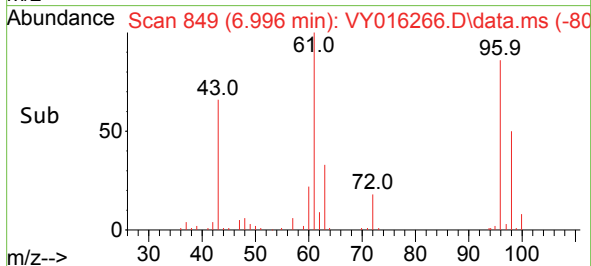
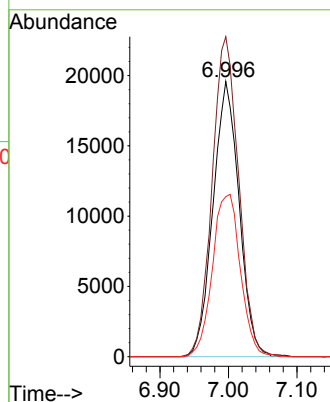
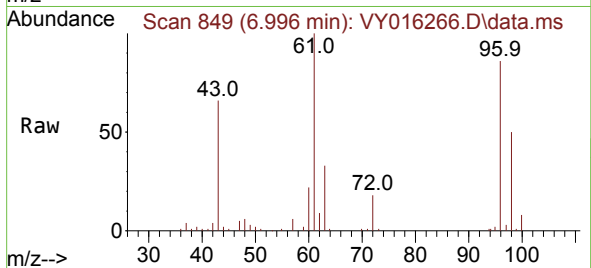
Tgt Ion: 96 Resp: 51717

Ion Ratio Lower Upper

96 100

61 118.1 0.0 301.4

98 63.1 0.0 130.4



#28

Bromochloromethane

Concen: 3.269 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.164 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

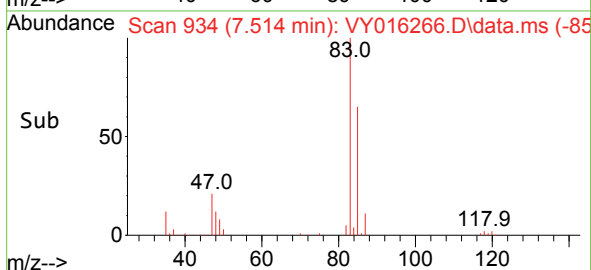
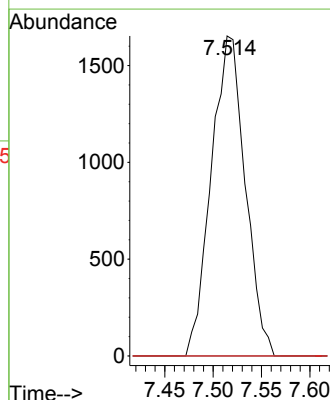
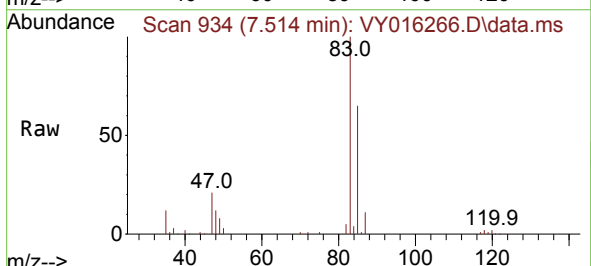
Tgt Ion: 49 Resp: 4035

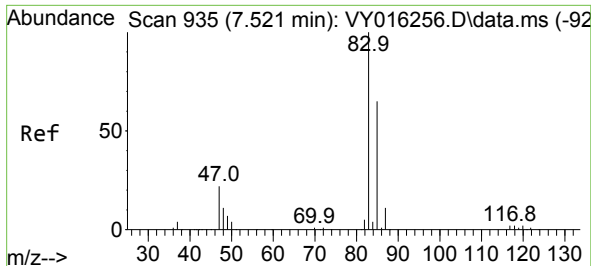
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 60.7 91.1#

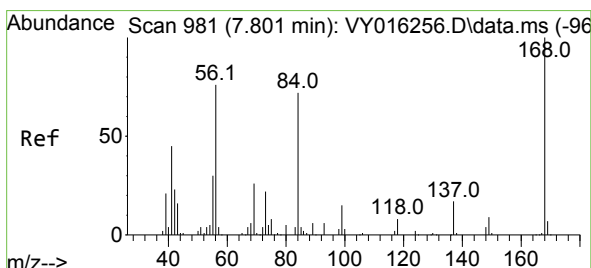
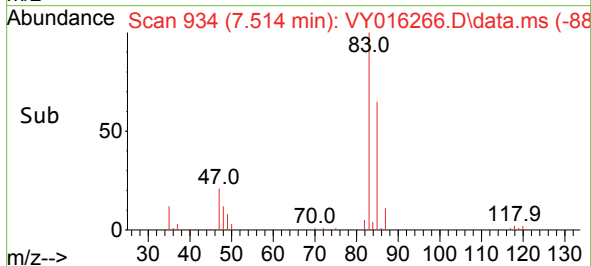
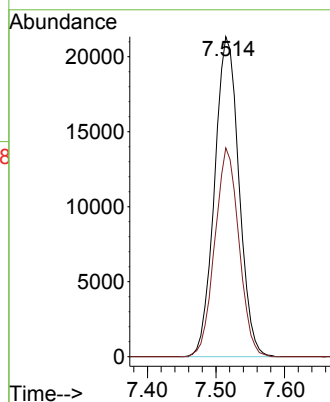
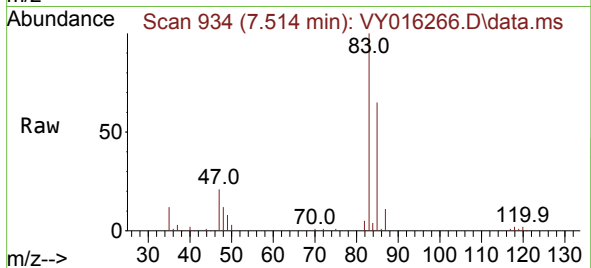




#30
Chloroform
Concen: 15.171 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

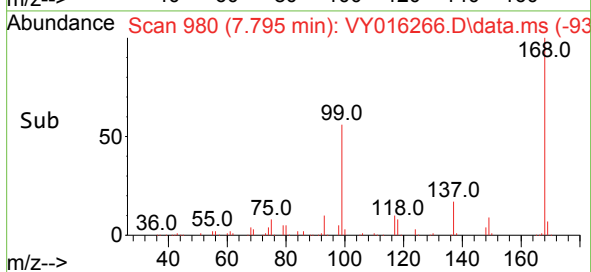
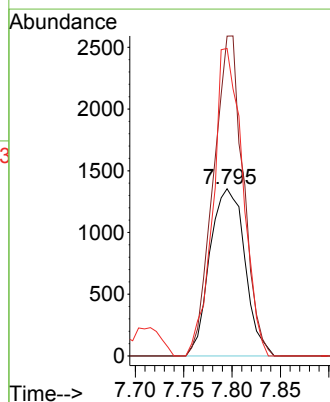
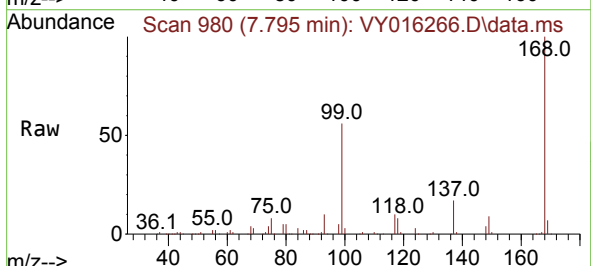
Instrument :
MSVOA_Y
ClientSampleId :

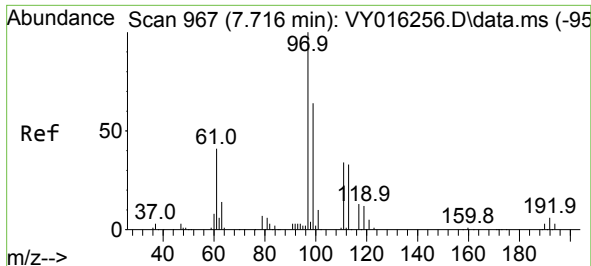
Tgt Ion: 83 Resp: 52668
Ion Ratio Lower Upper
83 100
85 65.2 49.7 74.5



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

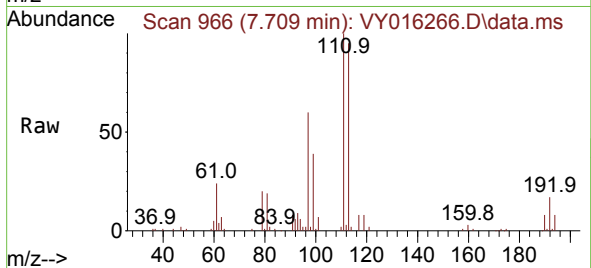
Tgt Ion: 56 Resp: 3404
Ion Ratio Lower Upper
56 100
69 191.4 27.8 41.6#
84 184.0 66.4 99.6#





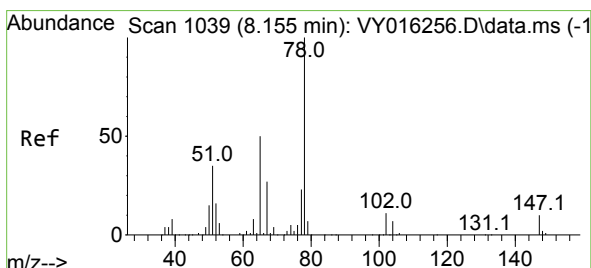
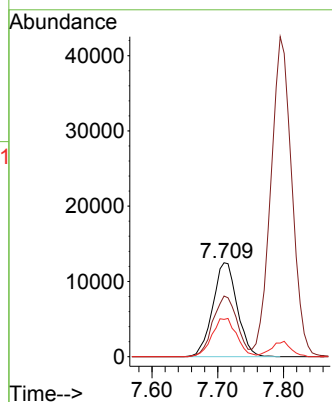
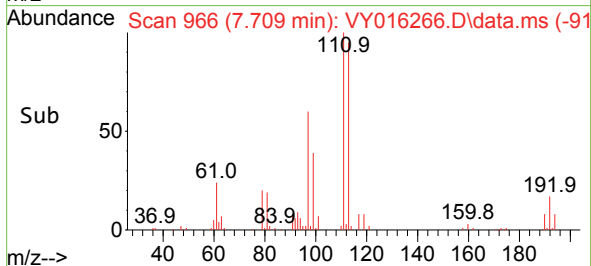
#32
 1,1,1-Trichloroethane
 Concen: 10.133 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 97 Resp: 32245

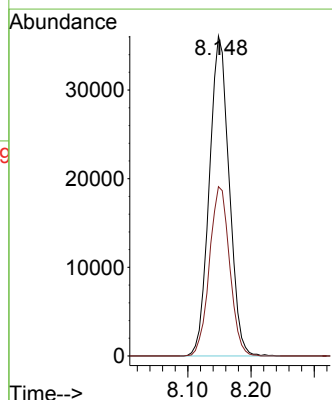
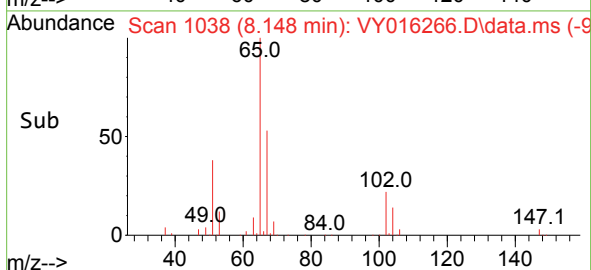
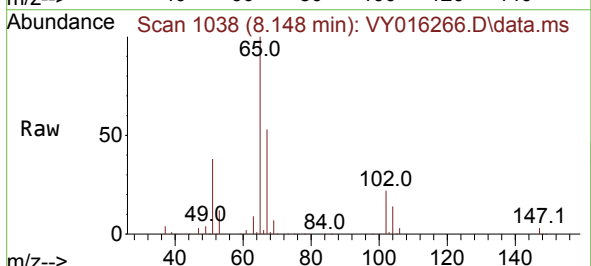
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	41.3	35.1	52.7

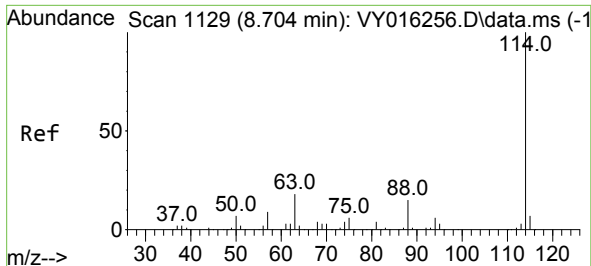


#33
 1,2-Dichloroethane-d4
 Concen: 49.139 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

Tgt Ion: 65 Resp: 78565

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: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

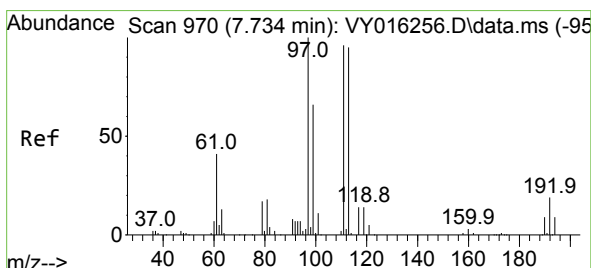
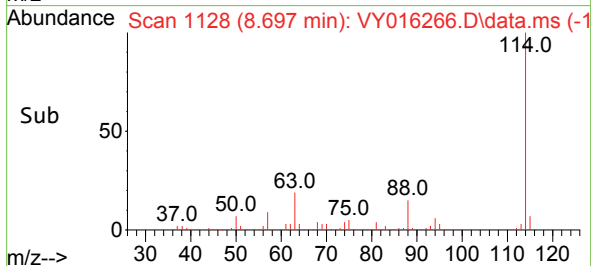
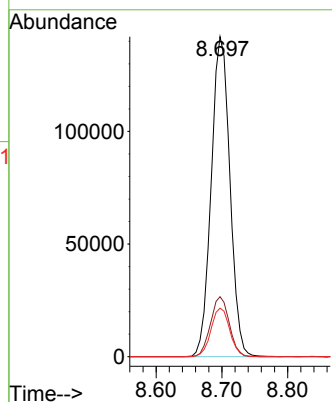
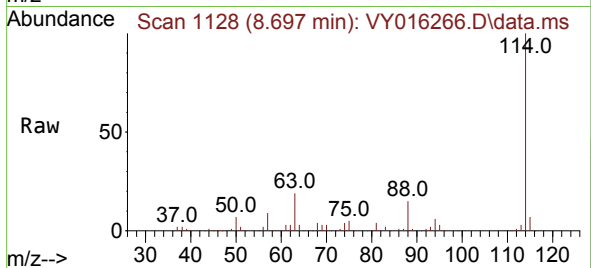
Tgt Ion:114 Resp: 281235

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.683 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

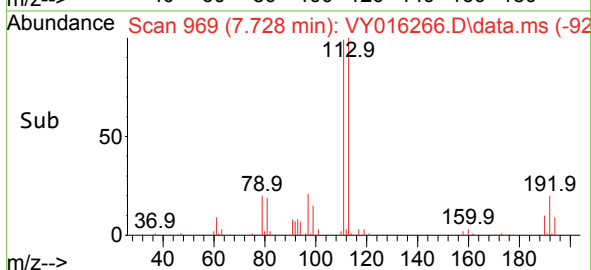
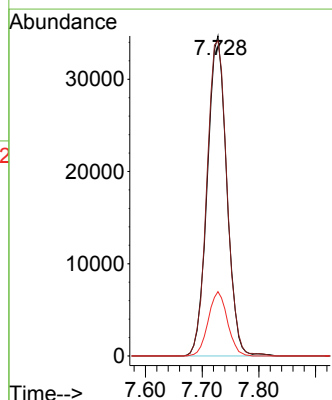
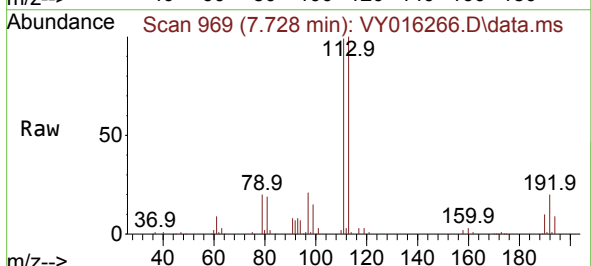
Tgt Ion:113 Resp: 82569

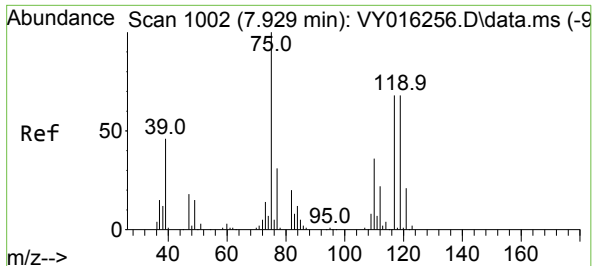
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 19.9 16.9 25.3

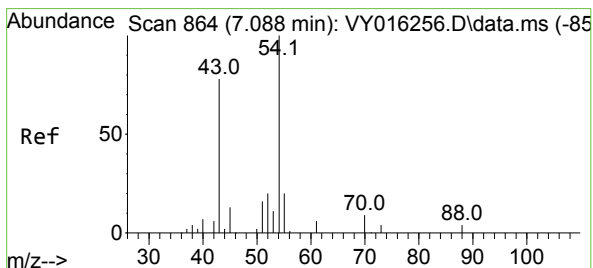
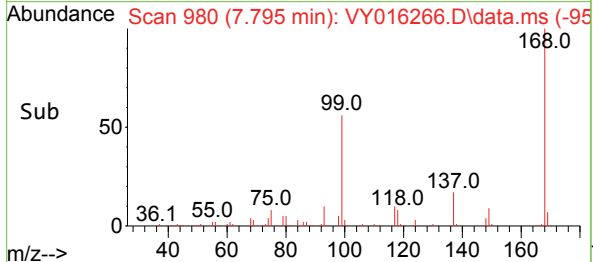
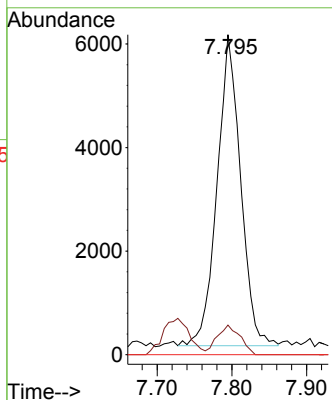
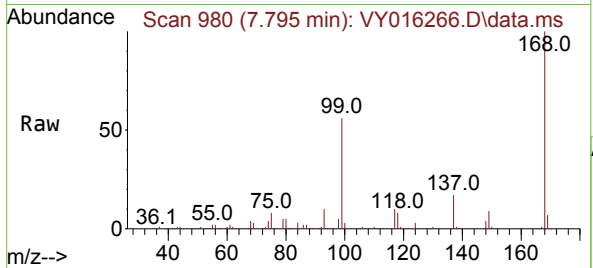




#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.135 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

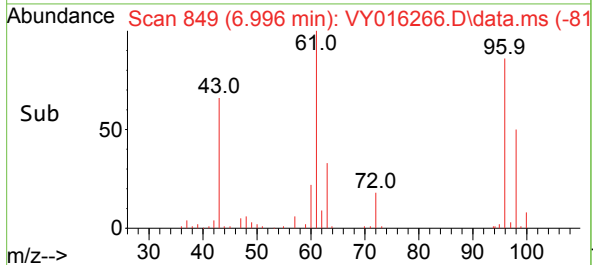
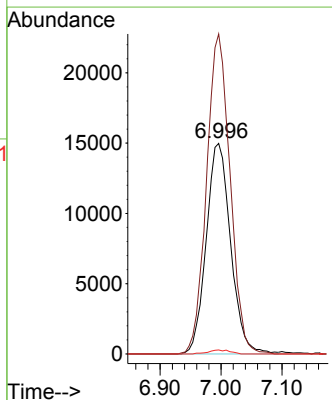
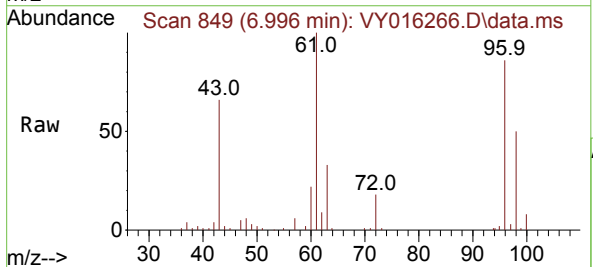
Instrument :
MSVOA_Y
ClientSampleId :

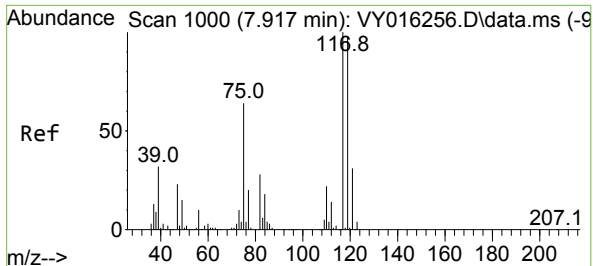
Tgt Ion: 75 Resp: 13115
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 37.241 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

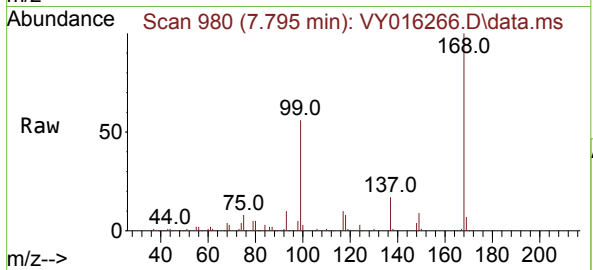
Tgt Ion: 43 Resp: 41742
Ion Ratio Lower Upper
43 100
61 146.3 10.1 15.1#
70 1.7 7.1 10.7#



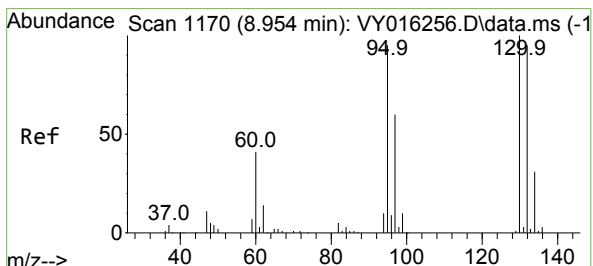
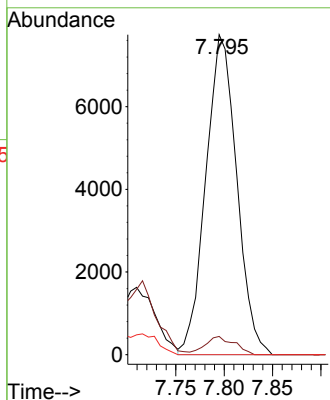
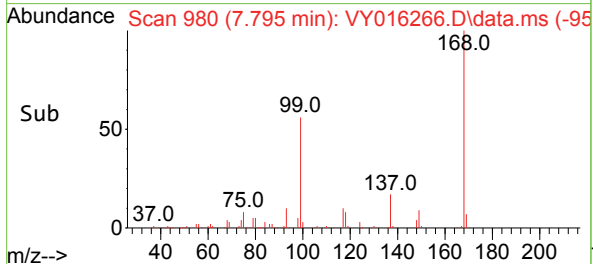


#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

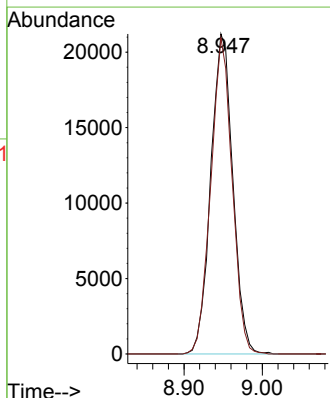
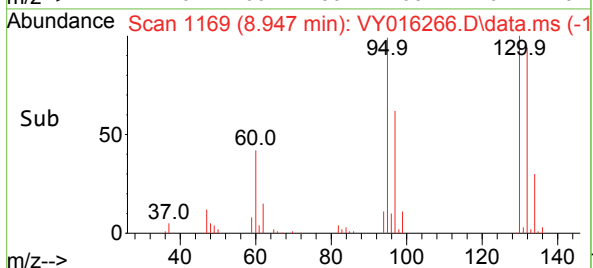
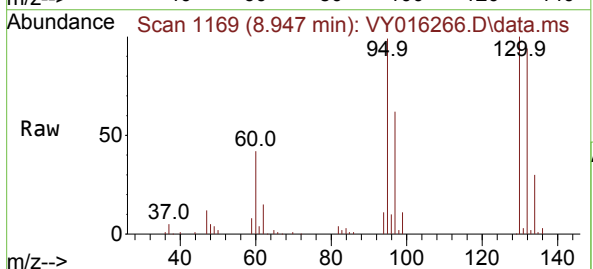


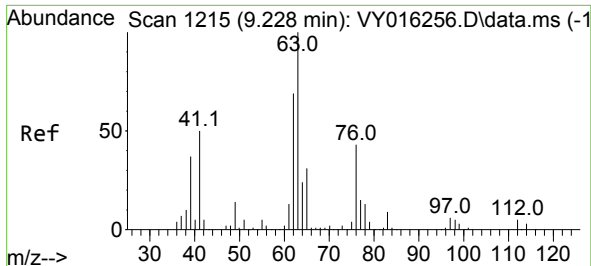
Tgt Ion:117 Resp: 17208
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 18.523 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:130 Resp: 41490
Ion Ratio Lower Upper
130 100
95 98.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 11.260 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

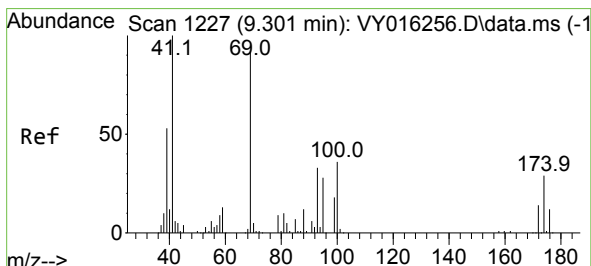
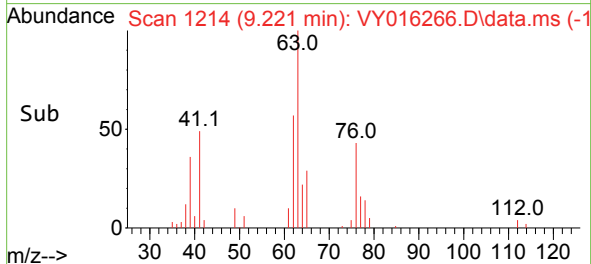
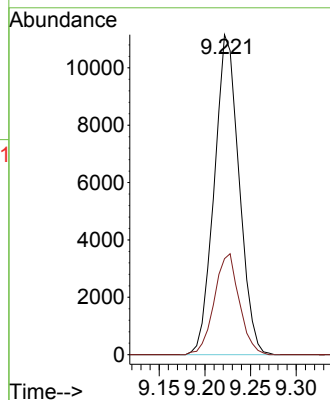
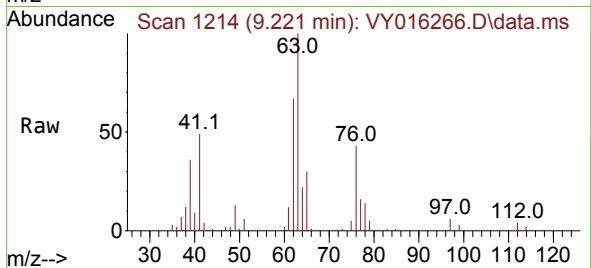
ClientSampleId :

Tgt Ion: 63 Resp: 21077

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#48

Methyl methacrylate

Concen: 8.676 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.080 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

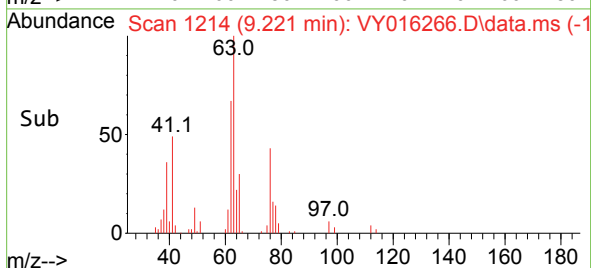
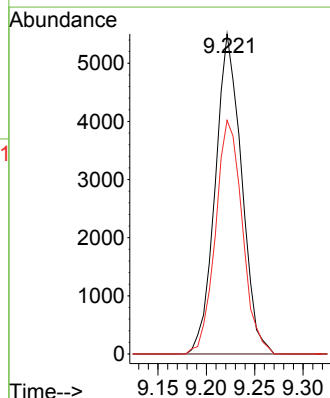
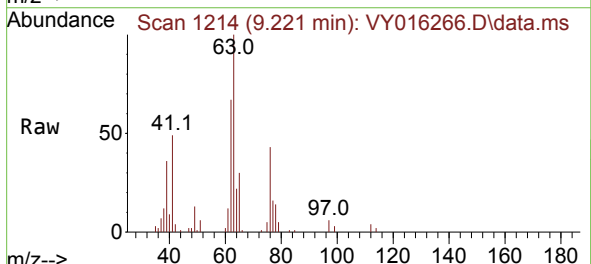
Tgt Ion: 41 Resp: 10389

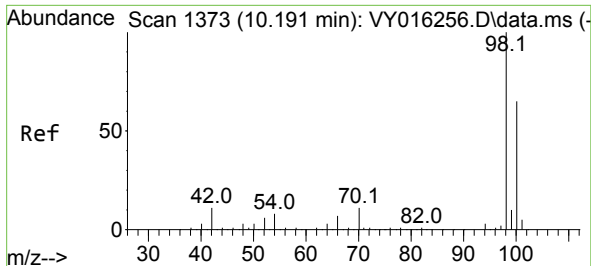
Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 74.7 50.8 76.2

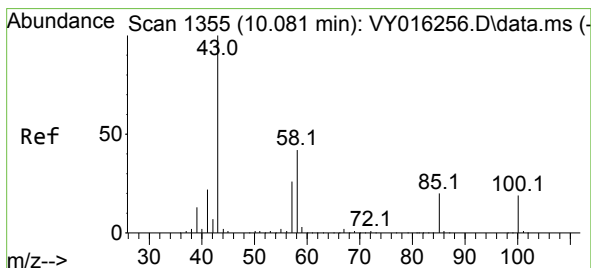
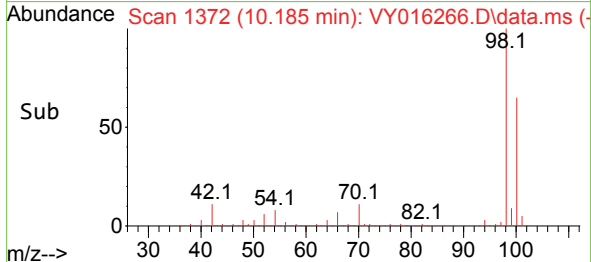
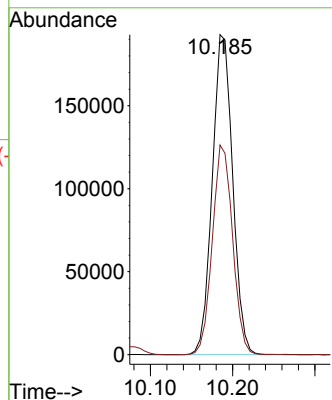
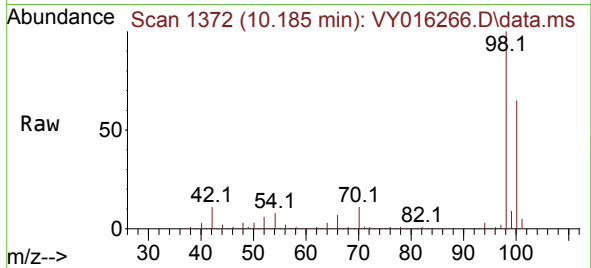




#50
Toluene-d8
Concen: 51.359 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

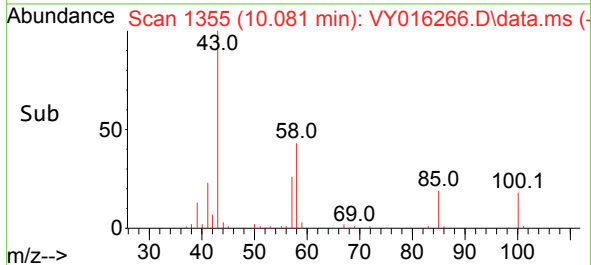
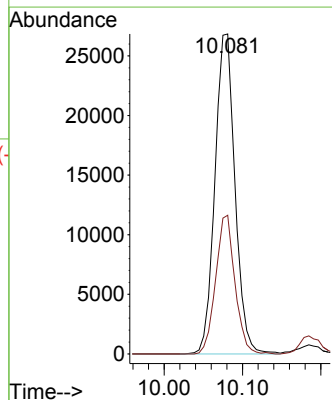
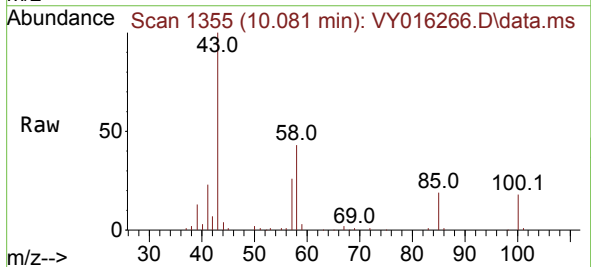
Instrument :
MSVOA_Y
ClientSampleId :

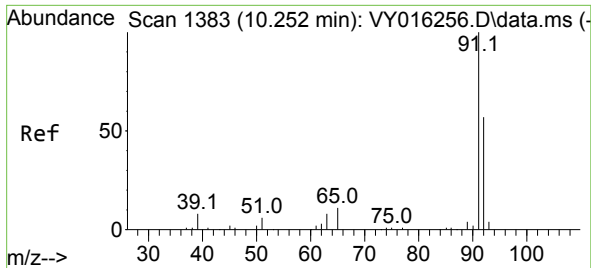
Tgt Ion: 98 Resp: 332733
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 43.717 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 43 Resp: 47896
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6

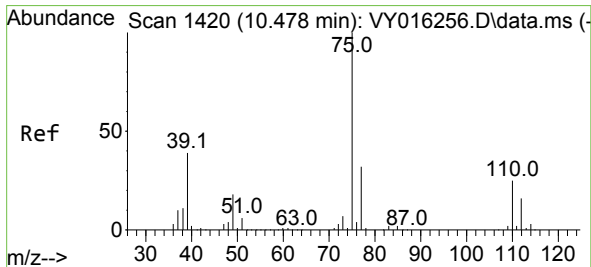
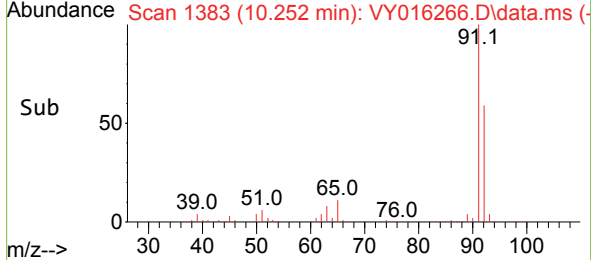
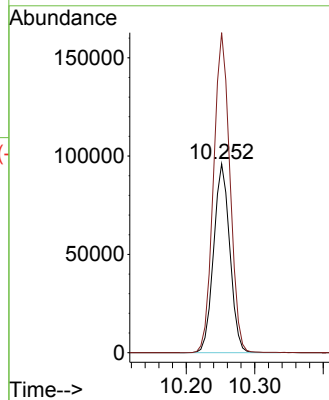
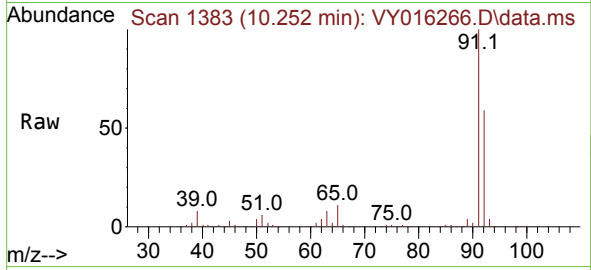




#52
Toluene
Concen: 31.840 ug/l
RT: 10.252 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

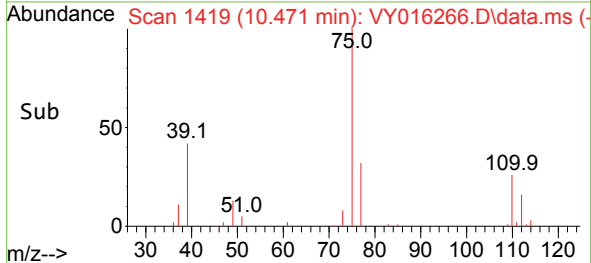
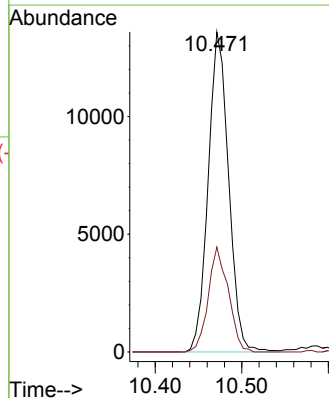
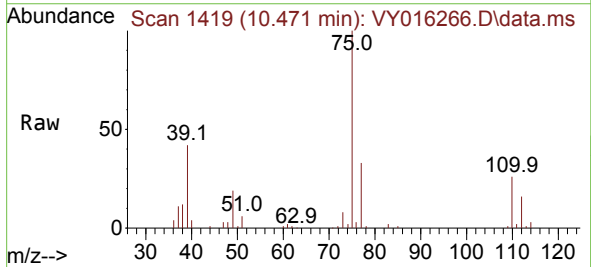
Instrument :
MSVOA_Y
ClientSampleId :

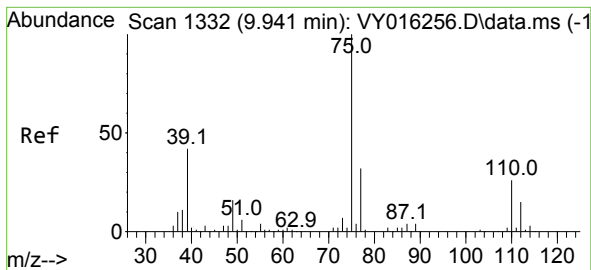
Tgt Ion: 92 Resp: 156868
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6



#53
t-1,3-Dichloropropene
Concen: 8.828 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 75 Resp: 22317
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4





#54

cis-1,3-Dichloropropene

Concen: 30.750 ug/l

RT: 9.935 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

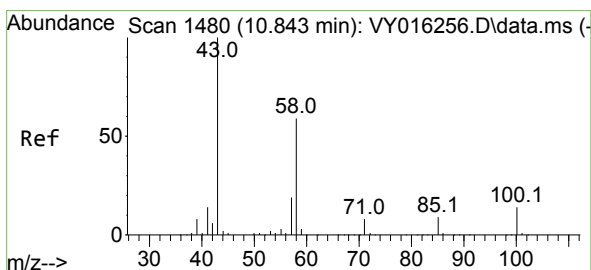
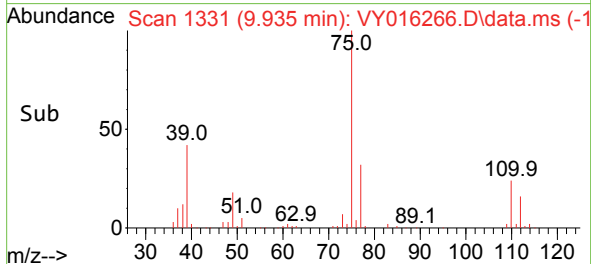
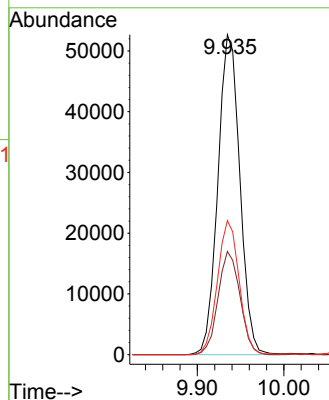
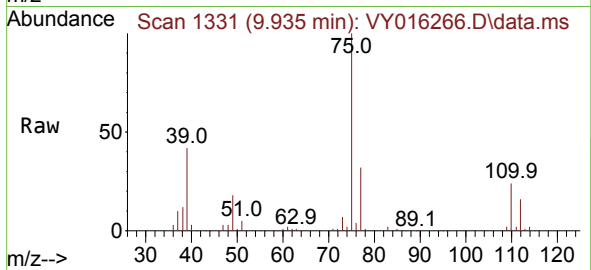
Tgt Ion: 75 Resp: 92846

Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.4

39 41.9 42.2 63.4#



#59

2-Hexanone

Concen: 27.668 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016266.D

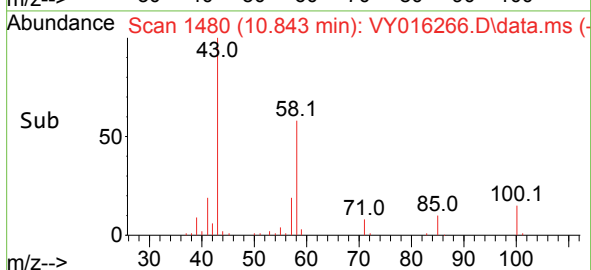
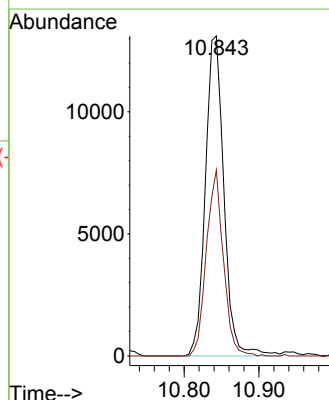
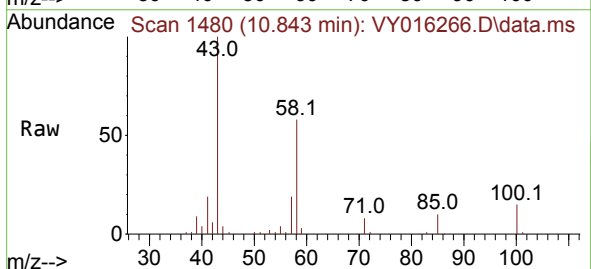
Acq: 08 Nov 2023 16:30

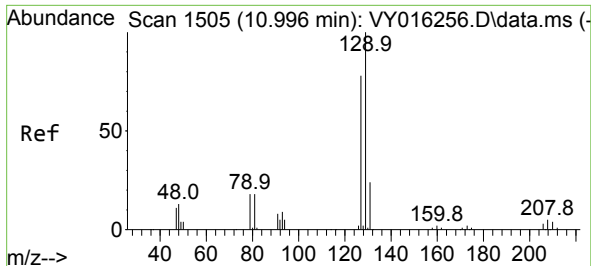
Tgt Ion: 43 Resp: 22548

Ion Ratio Lower Upper

43 100

58 53.5 25.1 75.3

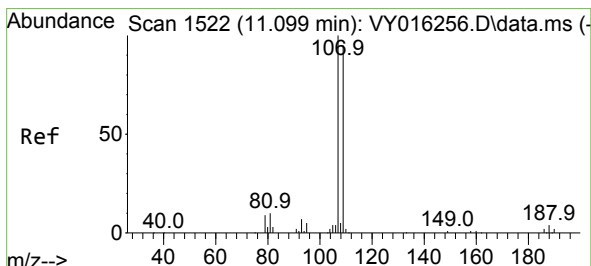
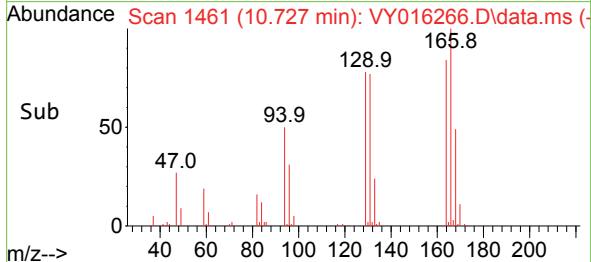
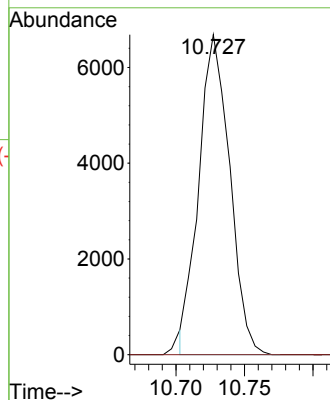
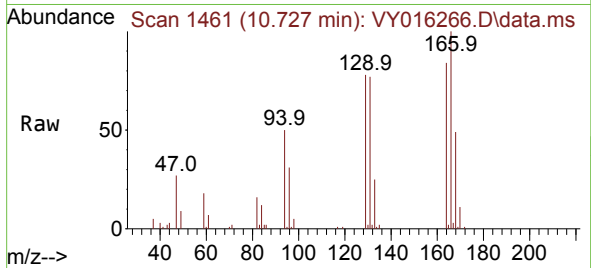




#60
Dibromochloromethane
Concen: 5.995 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.269 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

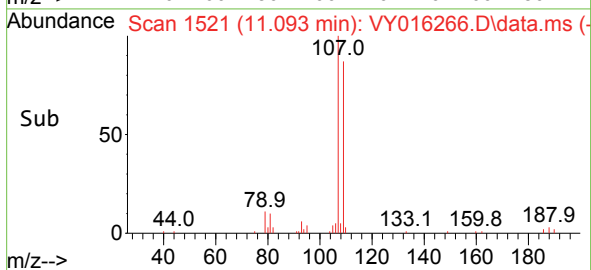
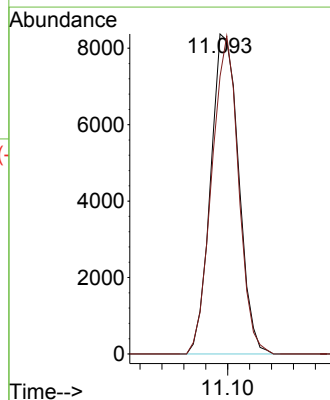
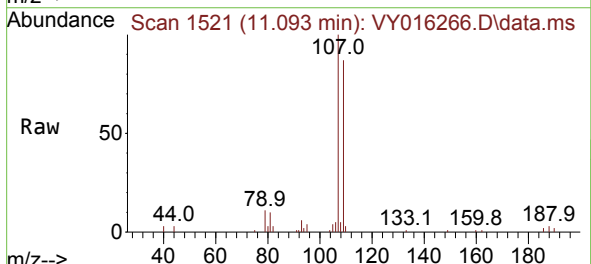
Instrument :
MSVOA_Y
ClientSampleId :

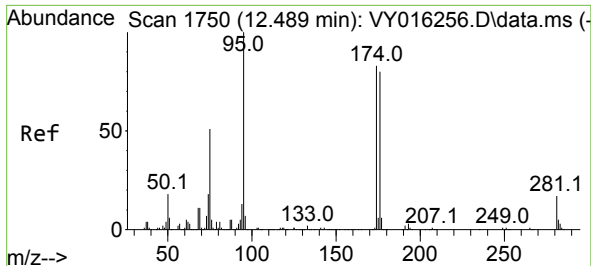
Tgt Ion:129 Resp: 10482
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#61
1,2-Dibromoethane
Concen: 11.149 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:107 Resp: 14850
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

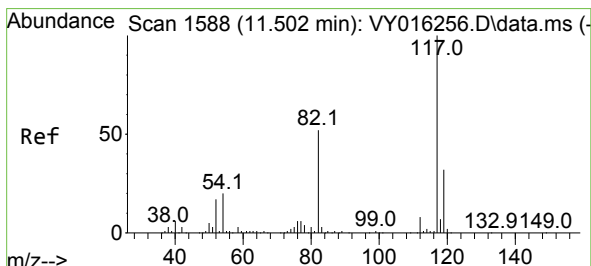
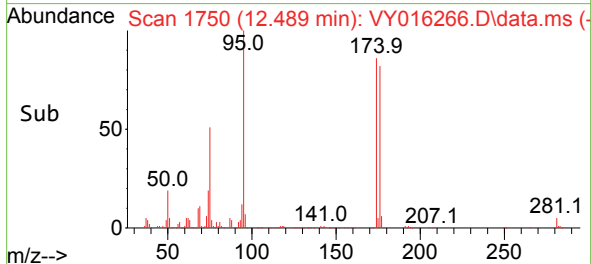
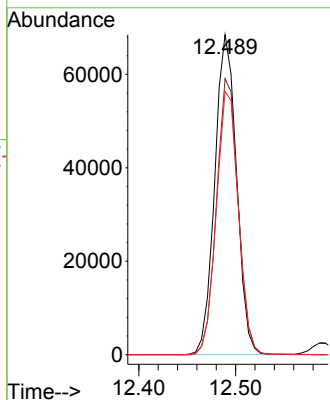
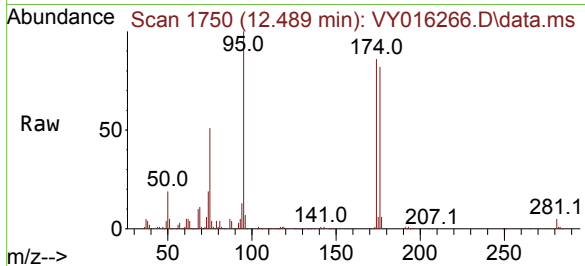




#62
4-Bromofluorobenzene
Concen: 50.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

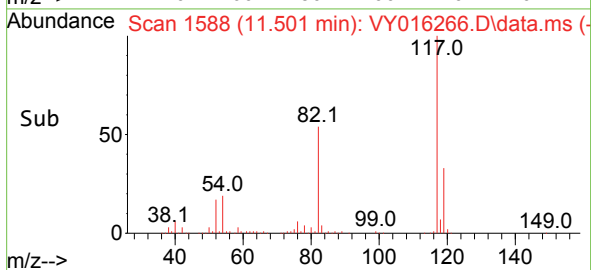
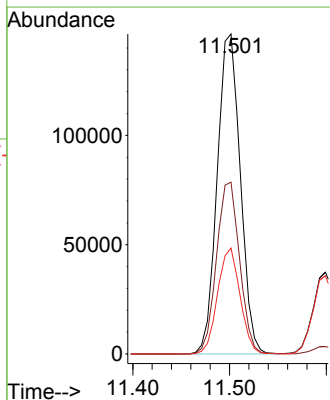
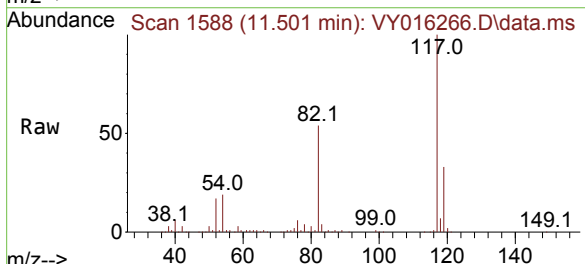
Instrument :
MSVOA_Y
ClientSampleId :

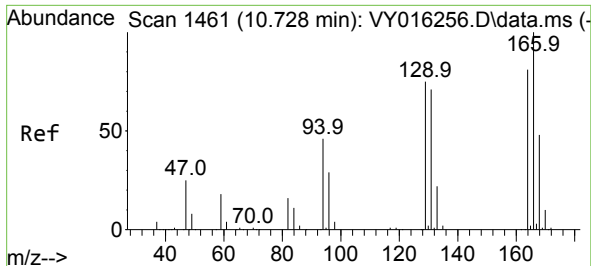
Tgt Ion: 95 Resp: 106949
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

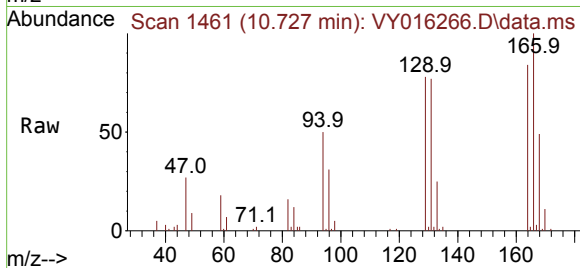
Tgt Ion: 117 Resp: 242646
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.1 26.3 39.5



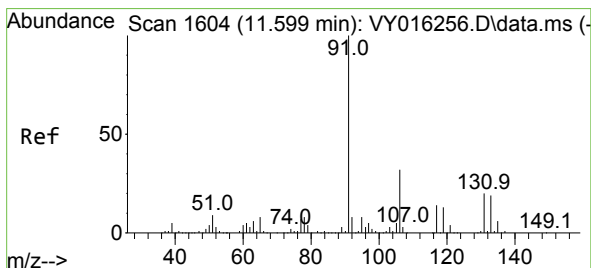
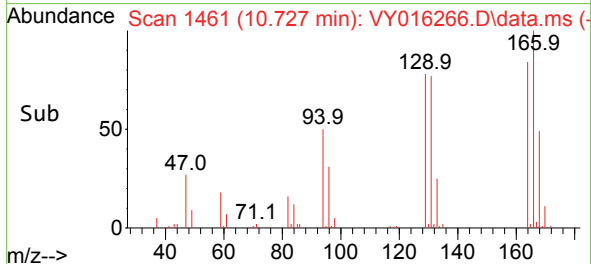
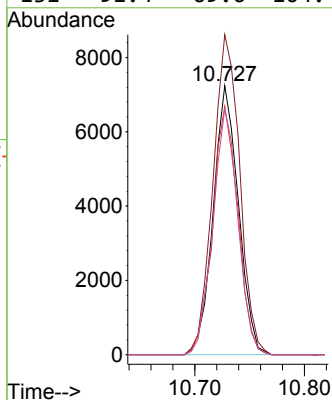


#64
Tetrachloroethene
Concen: 5.338 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :

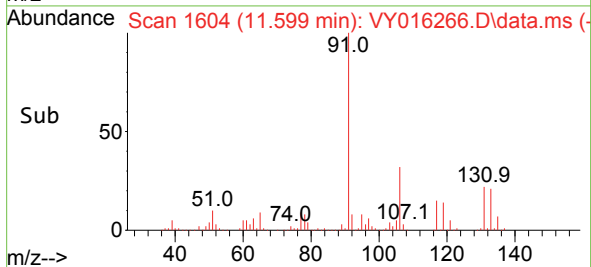
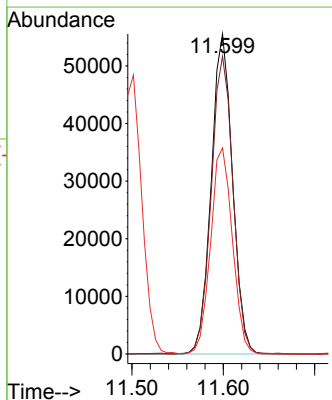
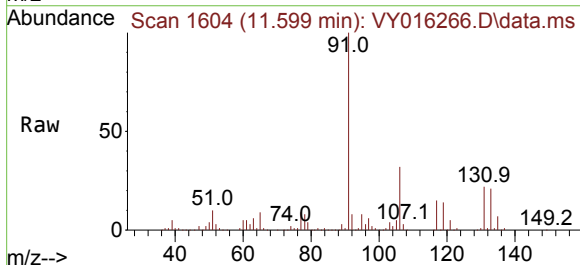


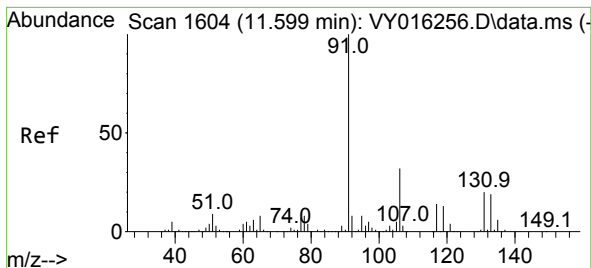
Tgt Ion:164	Resp:	11631
Ion	Ratio	Lower Upper
164	100	
166	119.0	103.0 154.6
129	92.3	77.2 115.8
131	91.4	69.6 104.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.916 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:131	Resp:	89709
Ion	Ratio	Lower Upper
131	100	
133	95.5	47.5 142.6
119	66.0	31.6 94.7





#67

Ethyl Benzene

Concen: 43.403 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

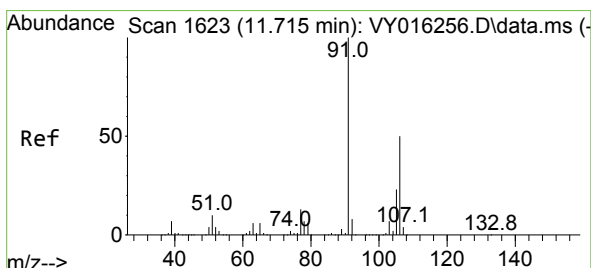
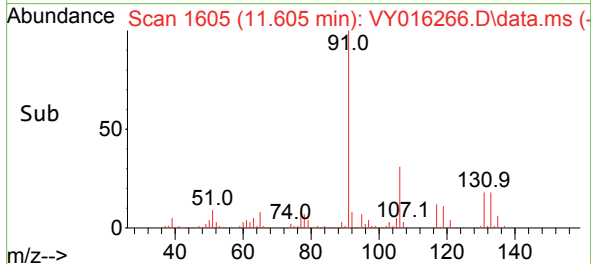
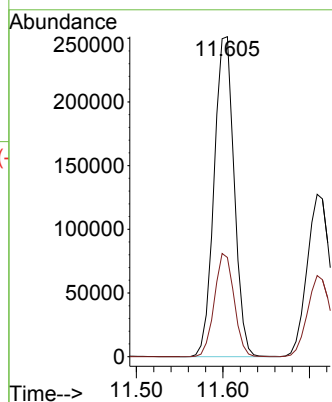
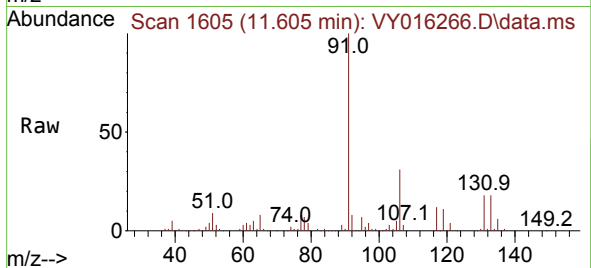
ClientSampleId :

Tgt Ion: 91 Resp: 404382

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 33.014 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016266.D

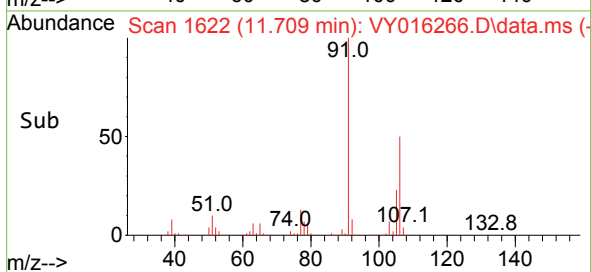
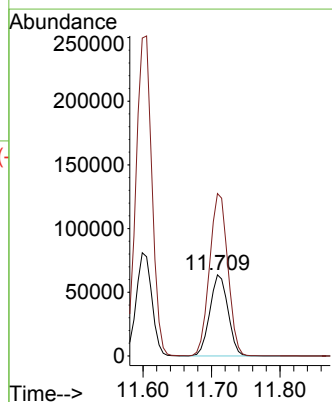
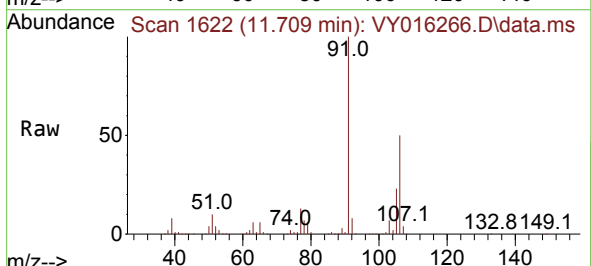
Acq: 08 Nov 2023 16:30

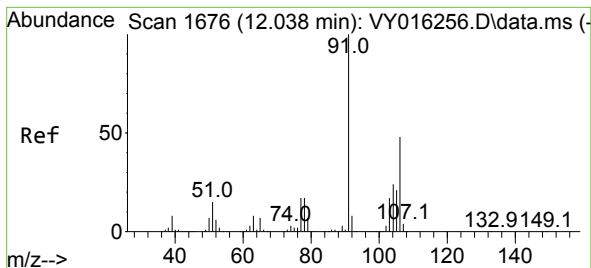
Tgt Ion:106 Resp: 116665

Ion Ratio Lower Upper

106 100

91 201.8 166.1 249.1





#69

o-Xylene

Concen: 34.964 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

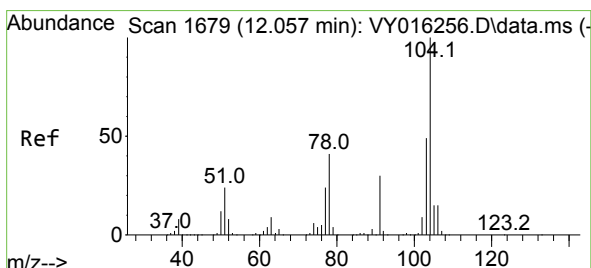
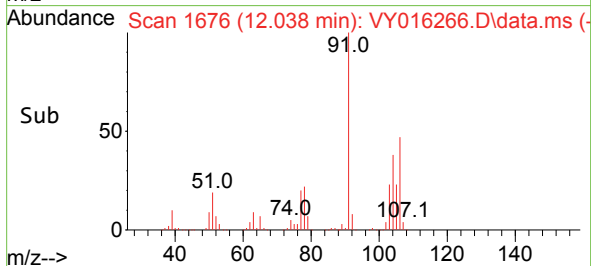
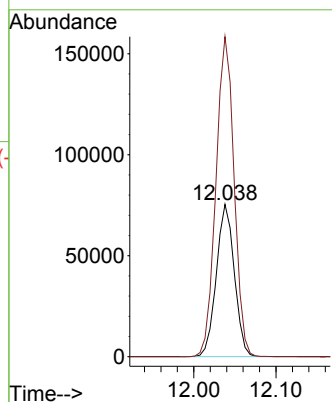
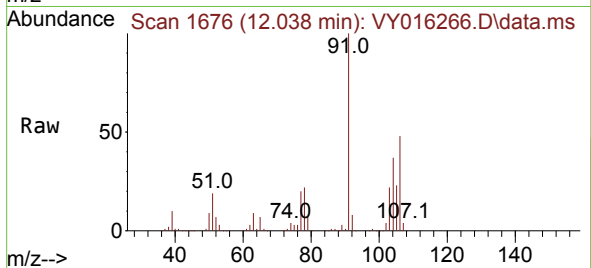
ClientSampleId :

Tgt Ion:106 Resp: 114715

Ion Ratio Lower Upper

106 100

91 212.2 108.1 324.3



#70

Styrene

Concen: 56.393 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

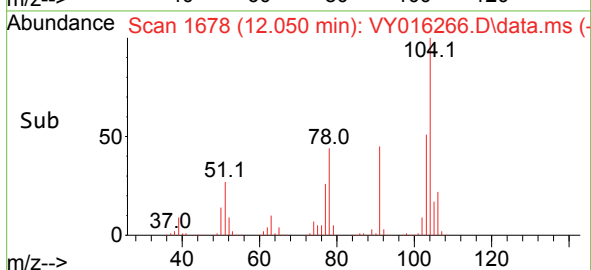
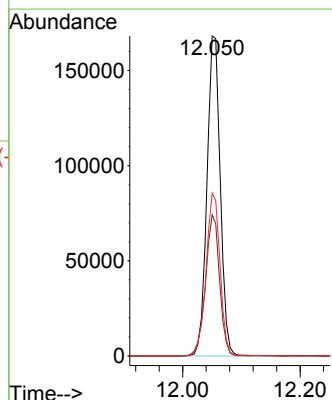
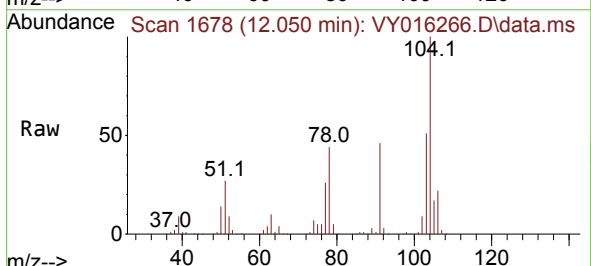
Tgt Ion:104 Resp: 264937

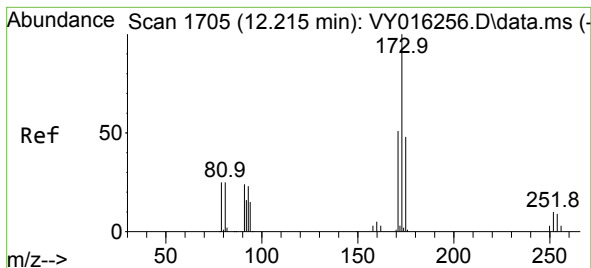
Ion Ratio Lower Upper

104 100

78 46.3 41.5 62.3

103 53.3 44.6 67.0





#71

Bromoform

Concen: 41.216 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016266.D

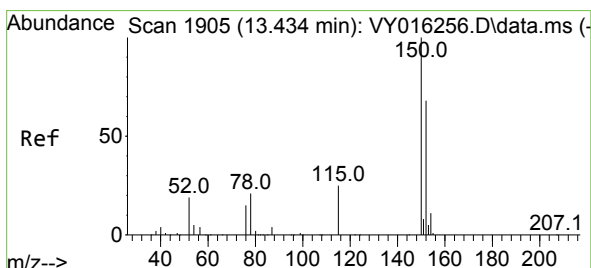
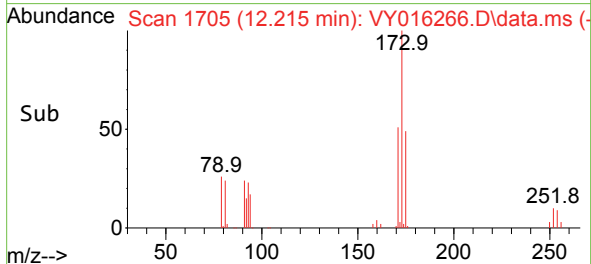
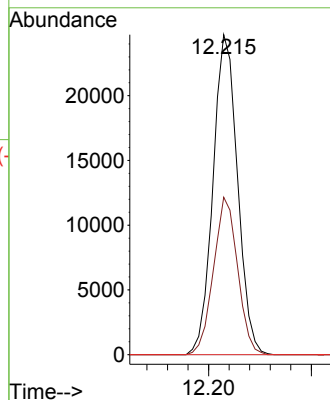
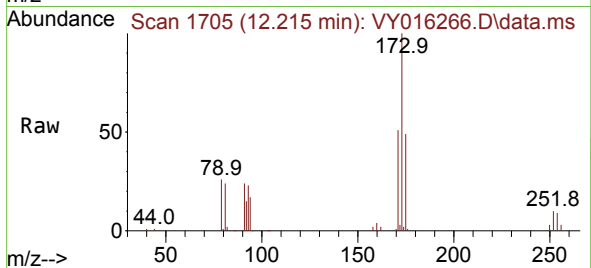
Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	40893
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

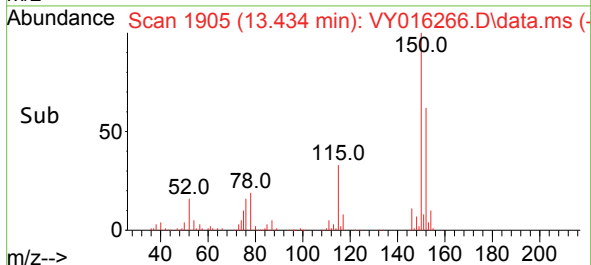
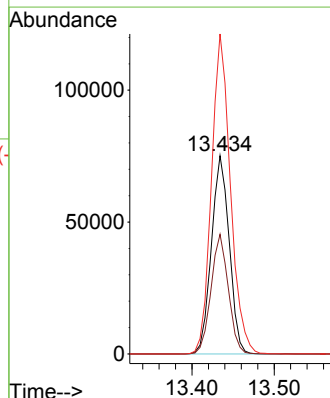
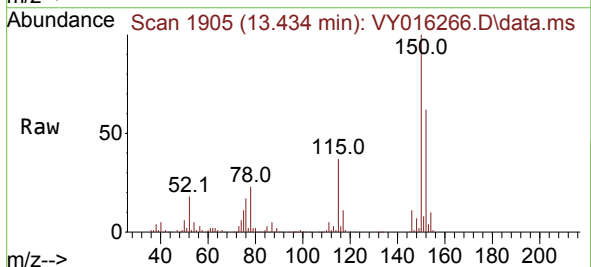
RT: 13.434 min Scan# 1905

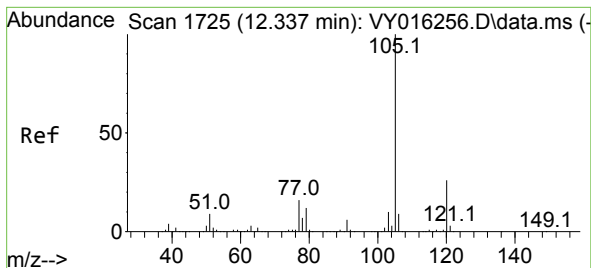
Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Tgt Ion:152	Resp:	113151
Ion Ratio	Lower	Upper
152	100	
115	58.5	28.8 86.5
150	171.6	0.0 348.8





#73

Isopropylbenzene

Concen: 38.584 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

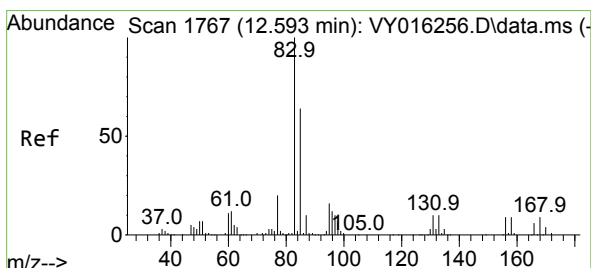
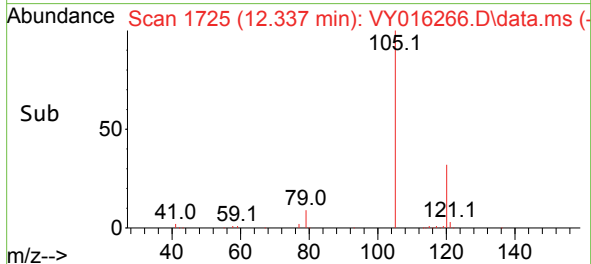
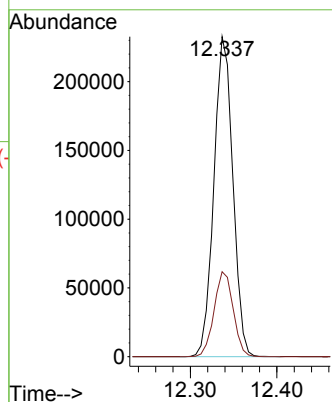
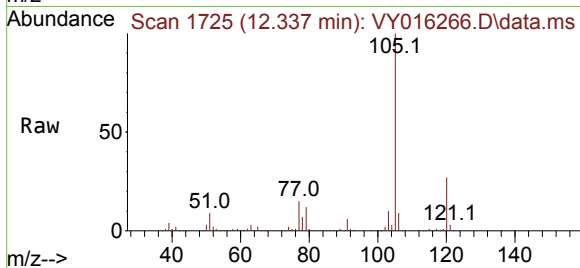
ClientSampleId :

Tgt Ion:105 Resp: 353534

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#75

1,1,2,2-Tetrachloroethane

Concen: 16.369 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

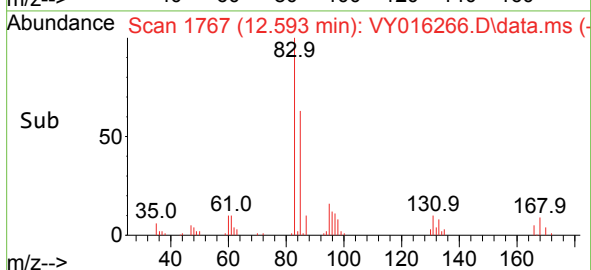
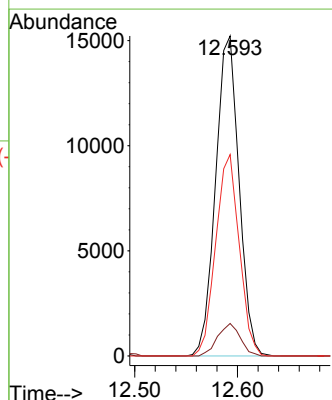
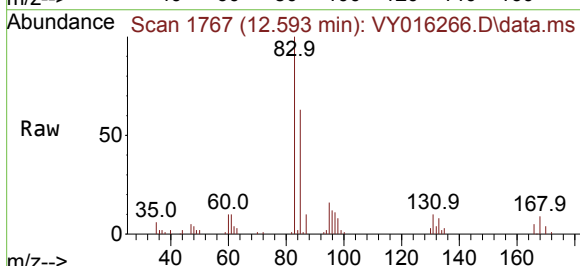
Tgt Ion: 83 Resp: 24067

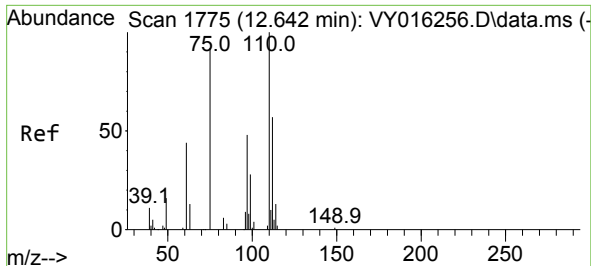
Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

85 63.2 31.8 95.4

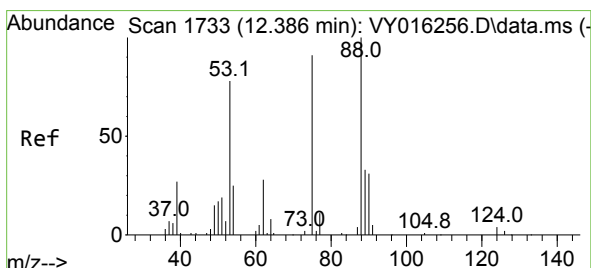
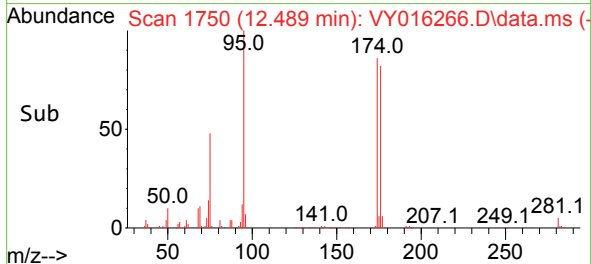
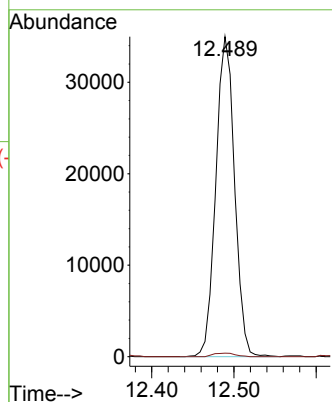
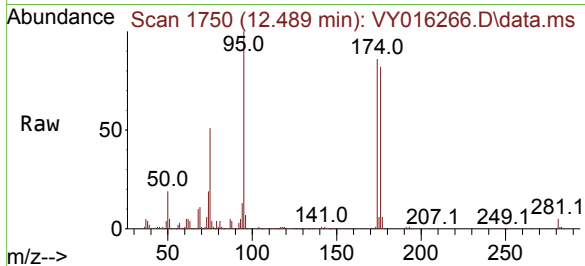




#76
1,2,3-Trichloropropane
Concen: 51.055 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

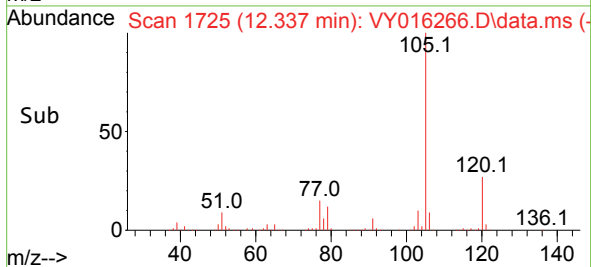
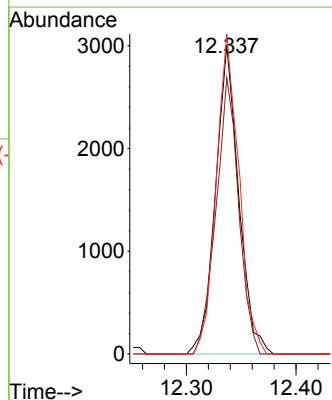
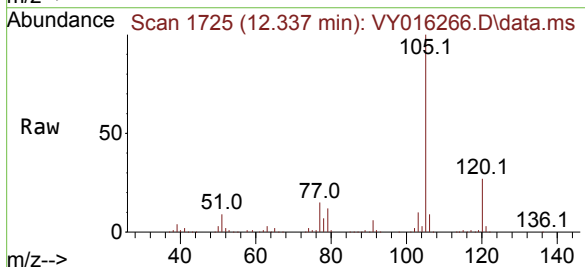
Instrument :
MSVOA_Y
ClientSampleId :

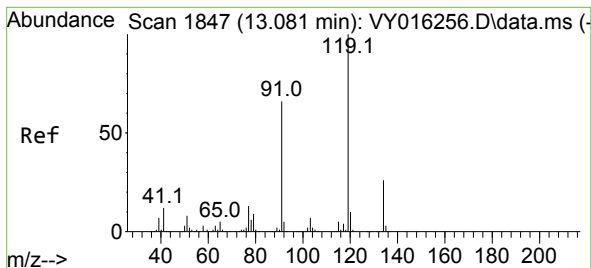
Tgt Ion: 75 Resp: 55417
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 8.831 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.049 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 75 Resp: 4416
Ion Ratio Lower Upper
75 100
53 87.5 77.8 116.8
89 101.4 37.4 56.0#





#83

tert-Butylbenzene

Concen: 3.778 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.048 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

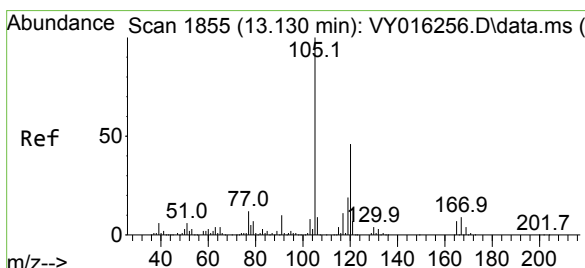
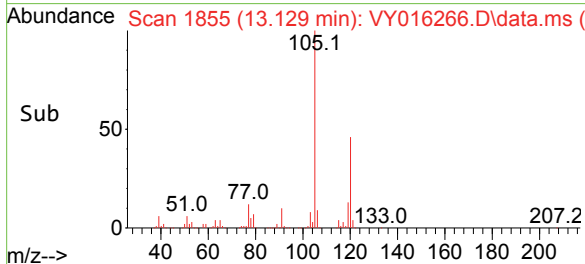
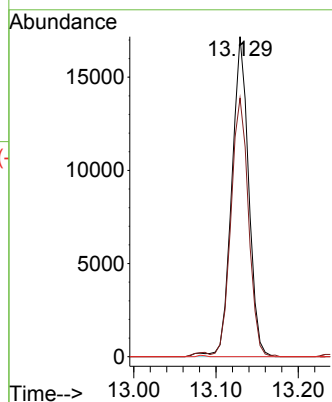
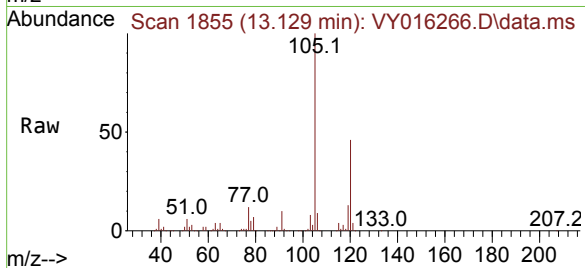
Tgt Ion:119 Resp: 24582

Ion Ratio Lower Upper

119 100

91 83.6 32.9 98.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 26.875 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016266.D

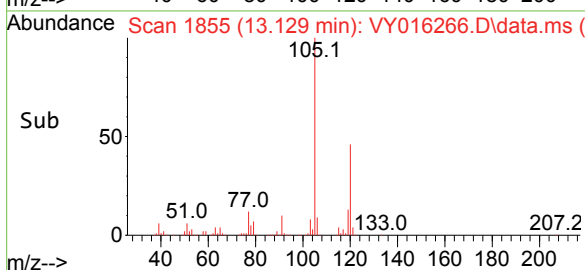
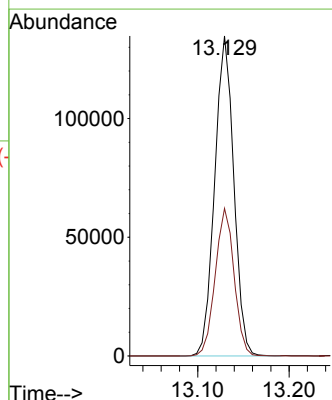
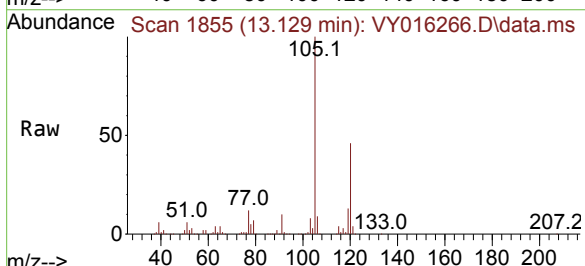
Acq: 08 Nov 2023 16:30

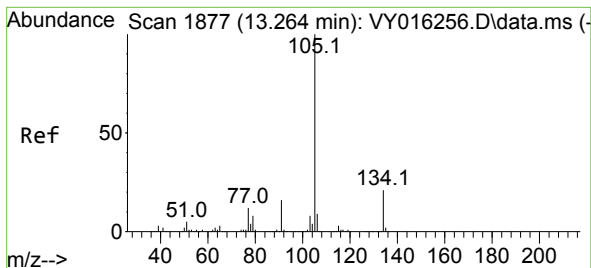
Tgt Ion:105 Resp: 195494

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.030 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.134 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

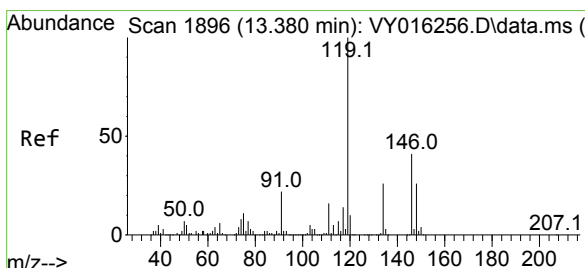
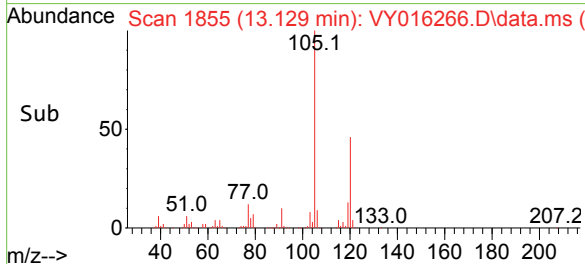
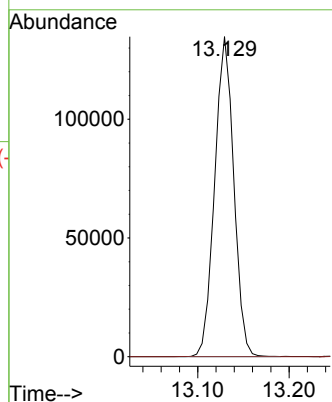
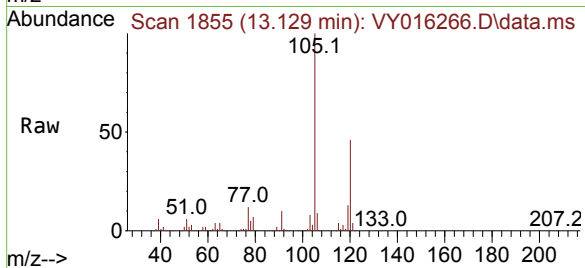
ClientSampleId :

Tgt Ion:105 Resp: 195494

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 3.036 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.250 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

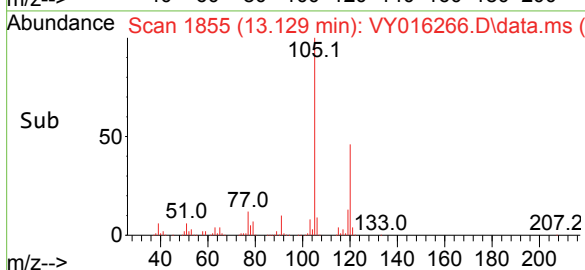
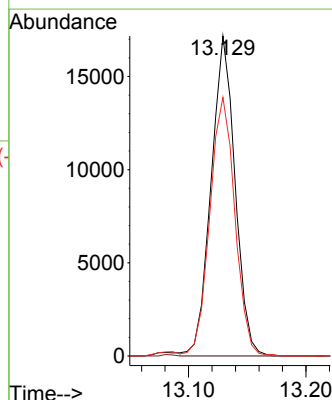
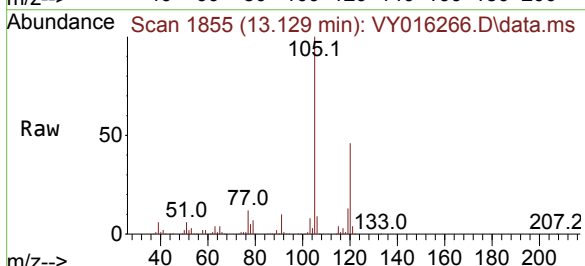
Tgt Ion:119 Resp: 24304

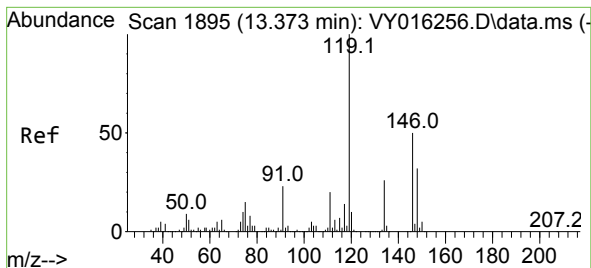
Ion Ratio Lower Upper

119 100

134 0.0 13.3 39.8#

91 84.6 12.4 37.4#





#87

1,3-Dichlorobenzene

Concen: 38.533 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.079 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

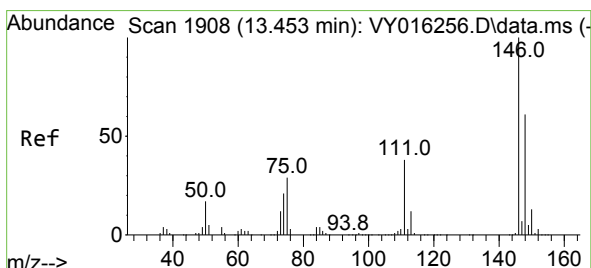
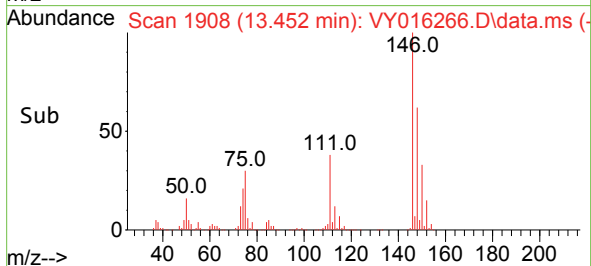
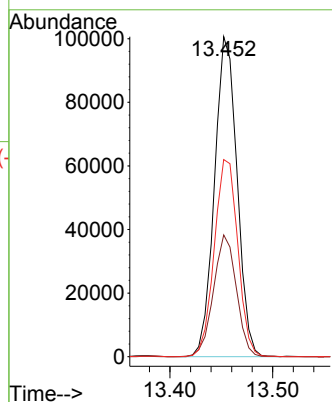
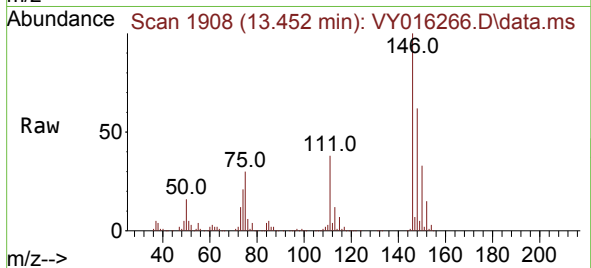
Tgt Ion:146 Resp: 153522

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 39.428 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

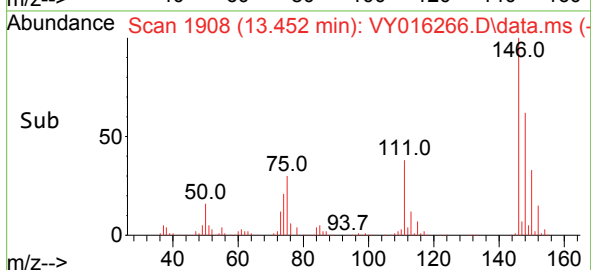
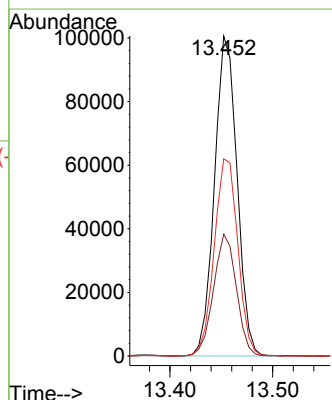
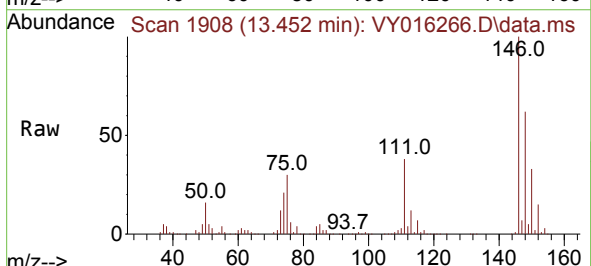
Tgt Ion:146 Resp: 153522

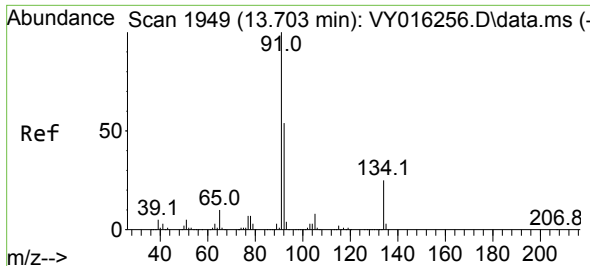
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 64.4 32.1 96.5

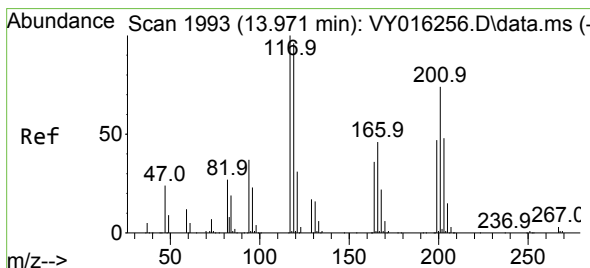
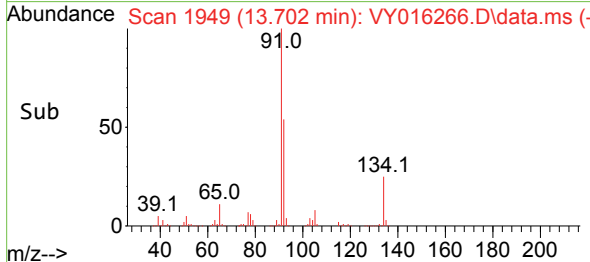
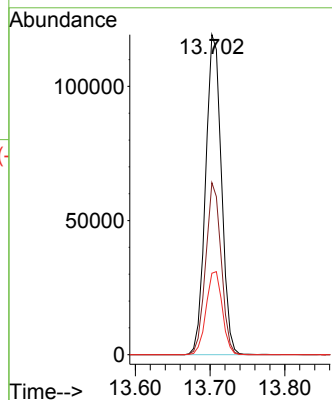
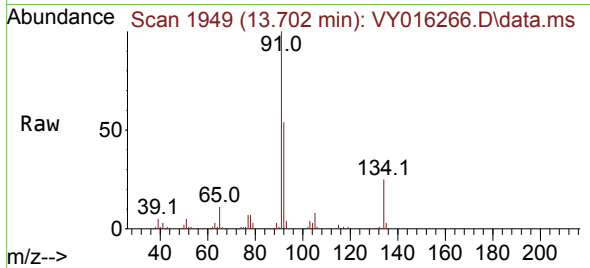




#89
n-Butylbenzene
Concen: 23.723 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

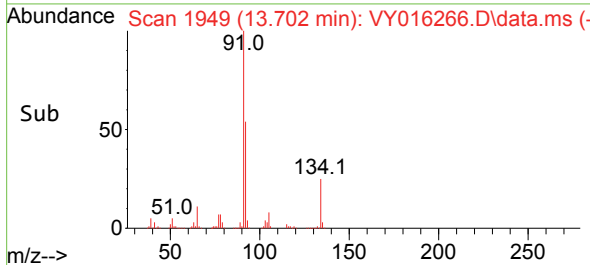
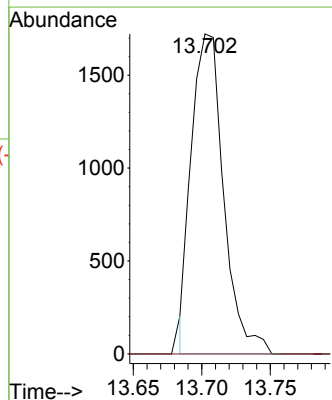
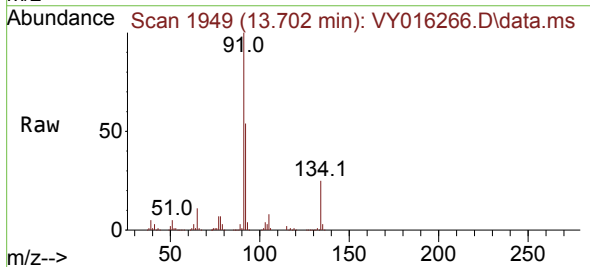
Instrument :
MSVOA_Y
ClientSampleId :

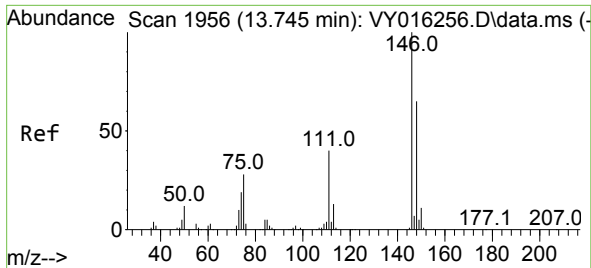
Tgt Ion: 91 Resp: 175368
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 26.5 12.6 37.6



#90
Hexachloroethane
Concen: 1.827 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.269 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

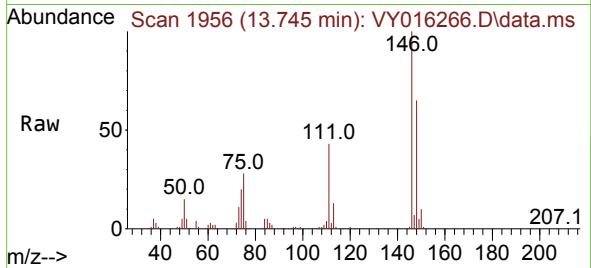
Tgt Ion: 117 Resp: 2821
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



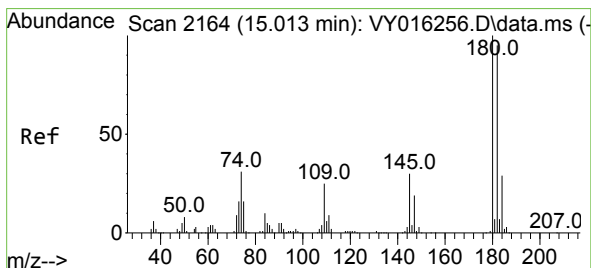
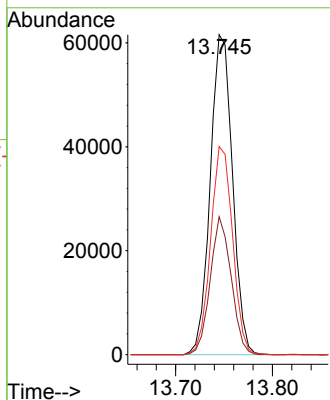
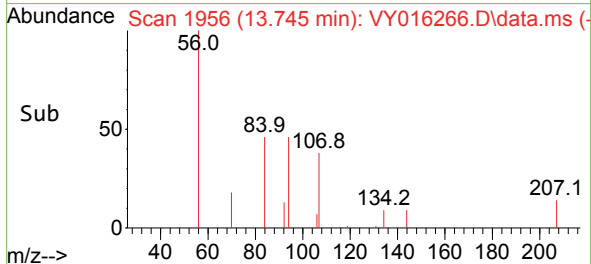


#91
 1,2-Dichlorobenzene
 Concen: 28.792 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

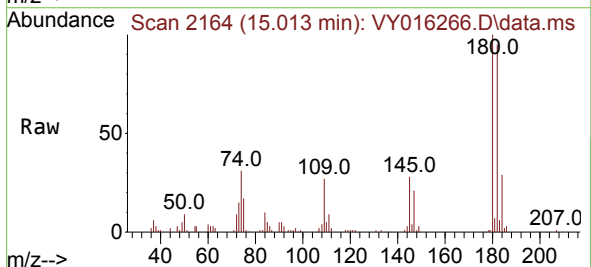
Instrument :
 MSVOA_Y
 ClientSampleId :



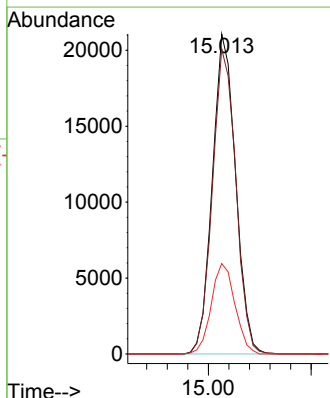
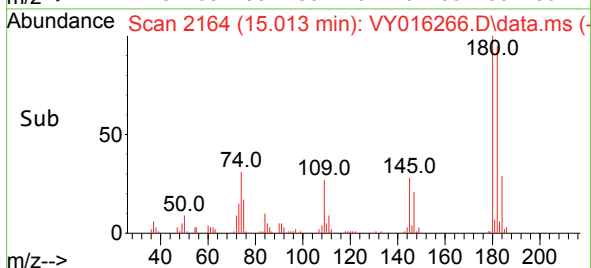
Tgt Ion:146 Resp: 98298
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.7 59.0
 148 64.5 32.0 96.2

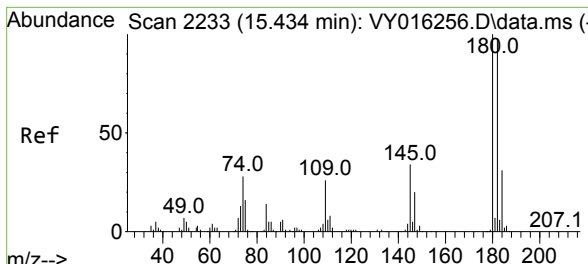


#93
 1,2,4-Trichlorobenzene
 Concen: 16.562 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30



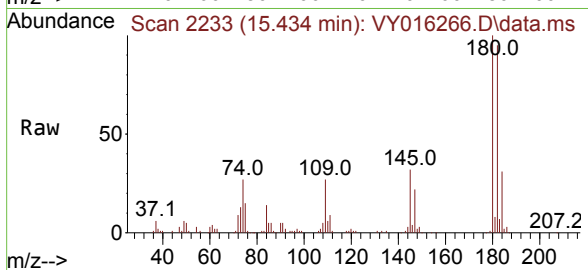
Tgt Ion:180 Resp: 33005
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.0 141.2
 145 28.9 14.5 43.5





#96
 1,2,3-Trichlorobenzene
 Concen: 45.394 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	74821
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.3	141.8
145	32.5	15.4	46.2

