

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005942.D
 Acq On : 07 Sep 2021 14:29
 Operator : SY/MD
 Sample : M3624-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 14:57:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

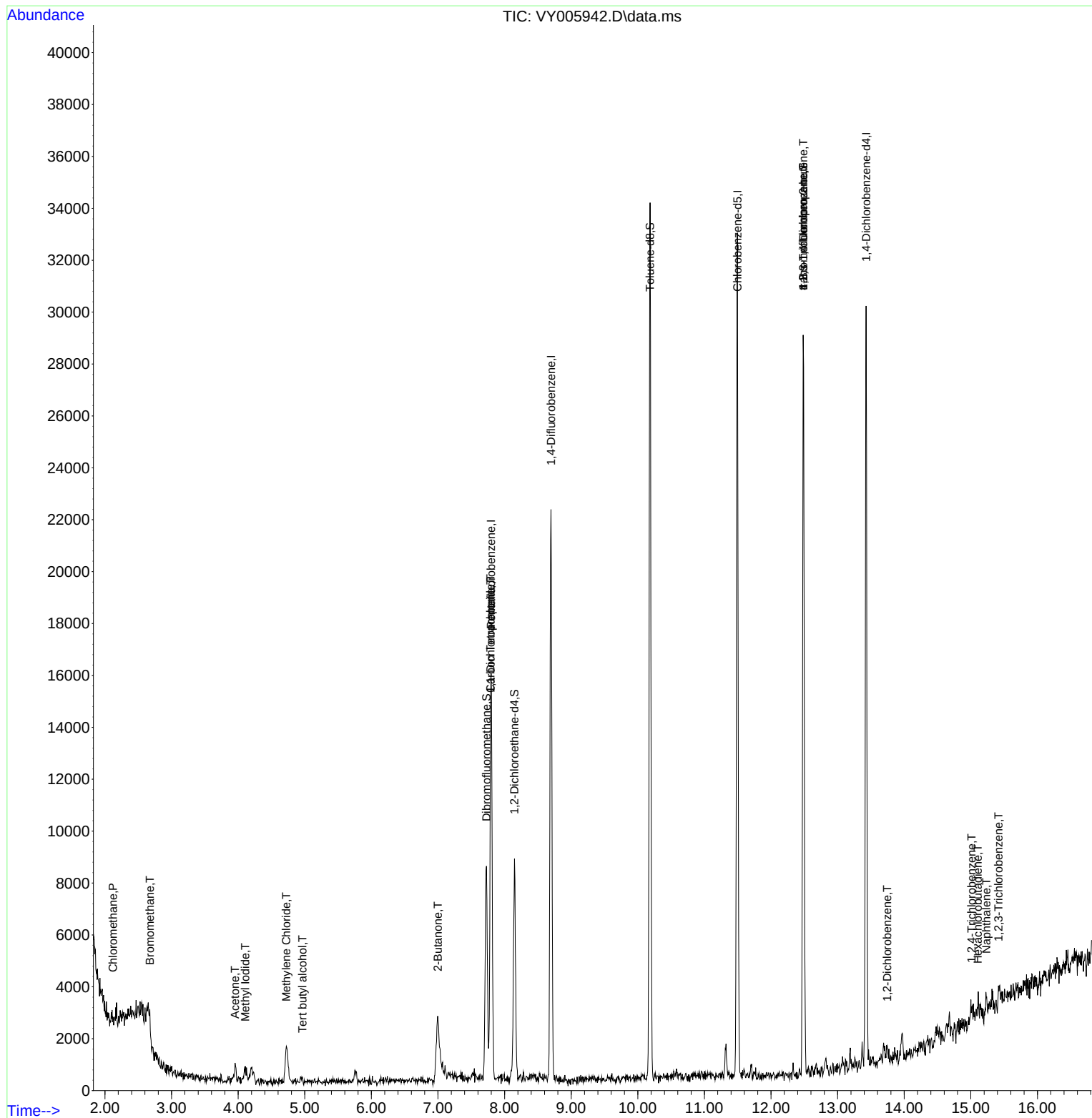
Internal Standards						
1) Pentafluorobenzene	7.795	168	13694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	20154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6398	46.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.720%
35) Dibromofluoromethane	7.728	113	5792	51.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.185	98	23362	49.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.483	95	7207	45.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.360%
Target Compounds						Qvalue
3) Chloromethane	2.119	50	176	1.359	ug/l #	42
5) Bromomethane	2.674	94	254	2.237	ug/l #	67
10) Methyl Iodide	4.107	142	758	5.210	ug/l #	75
11) Tert butyl alcohol	4.966	59	51	1.879	ug/l #	80
16) Acetone	3.954	43	813	23.105	ug/l	98
20) Methylene Chloride	4.722	84	1159	3.945	ug/l	96
25) 2-Butanone	6.996	43	54	1.086	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	940	4.954	ug/l #	45
38) Carbon Tetrachloride	7.789	117	1262	6.136	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3714	48.826	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3714	92.856	ug/l #	13
91) 1,2-Dichlorobenzene	13.745	146	296	1.257	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.013	180	197	1.240	ug/l #	54
94) Hexachlorobutadiene	15.105	225	198	1.934	ug/l #	65
95) Naphthalene	15.233	128	459	1.504	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.416	180	149	1.074	ug/l #	10

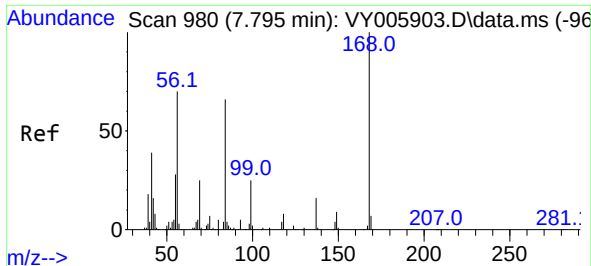
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
Data File : VY005942.D
Acq On : 07 Sep 2021 14:29
Operator : SY/MD
Sample : M3624-01
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 07 14:57:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration

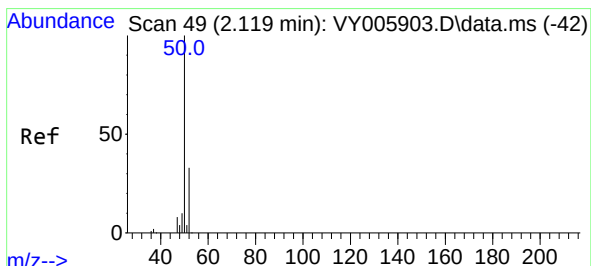
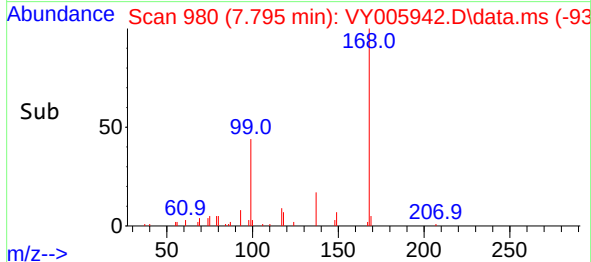
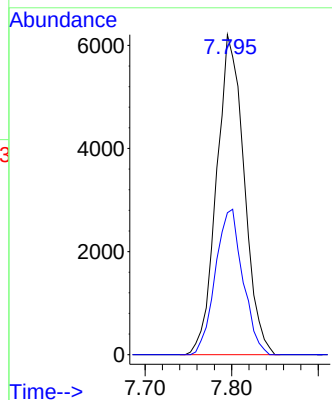
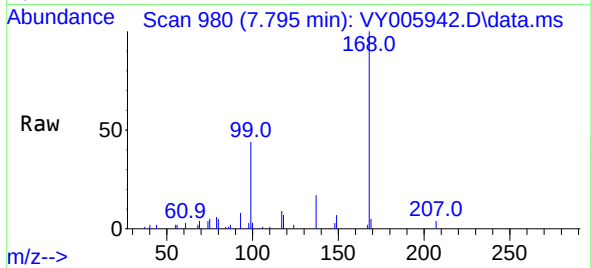




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

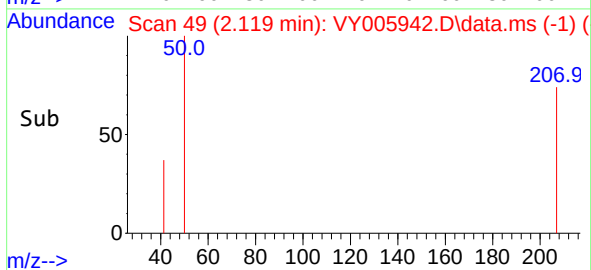
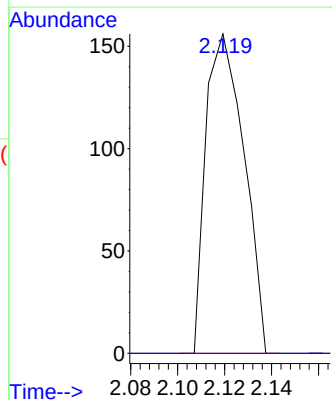
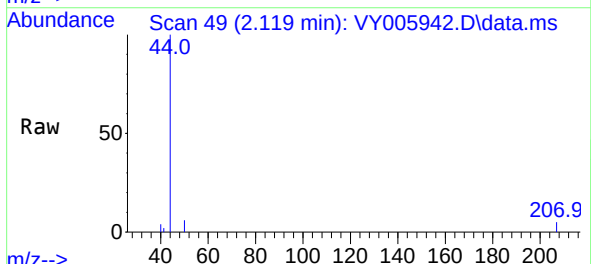
Instrument :
MSVOA_Y
ClientSampleId :

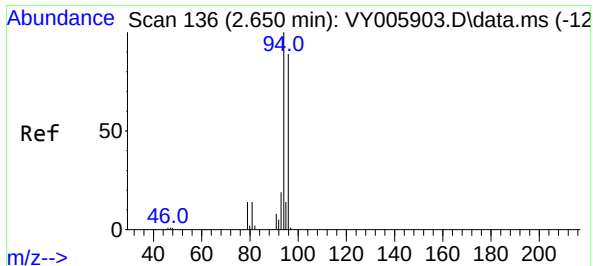
Tgt Ion:168 Resp: 13694
Ion Ratio Lower Upper
168 100
99 44.3 40.6 60.8



#3
Chloromethane
Concen: 1.359 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#





#5

Bromomethane

Concen: 2.237 ug/l

RT: 2.674 min Scan# 140

Delta R.T. 0.024 min

Lab File: VY005942.D

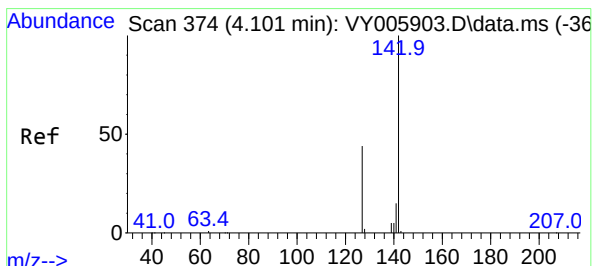
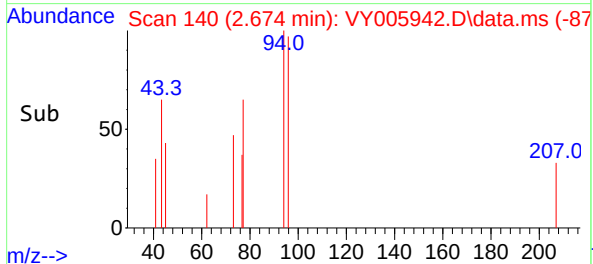
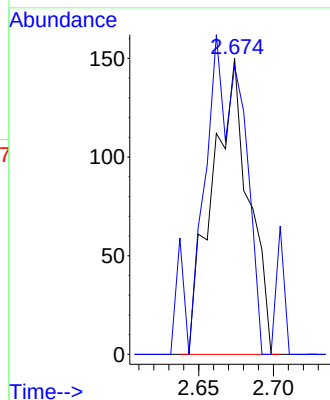
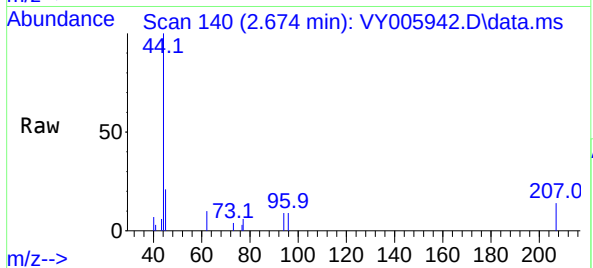
Acq: 07 Sep 2021 14:29

Tgt Ion: 94 Resp: 254

Ion Ratio Lower Upper

94 100

96 58.0 70.8 106.2#



#10

Methyl Iodide

Concen: 5.210 ug/l

RT: 4.107 min Scan# 375

Delta R.T. 0.006 min

Lab File: VY005942.D

Acq: 07 Sep 2021 14:29

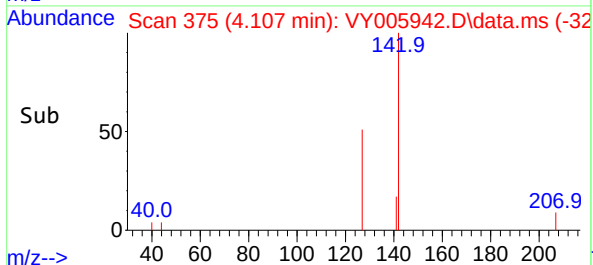
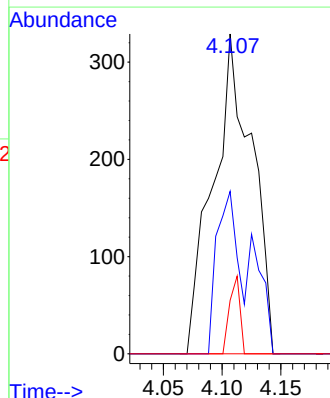
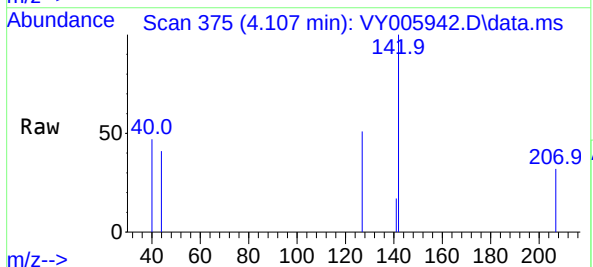
Tgt Ion: 142 Resp: 758

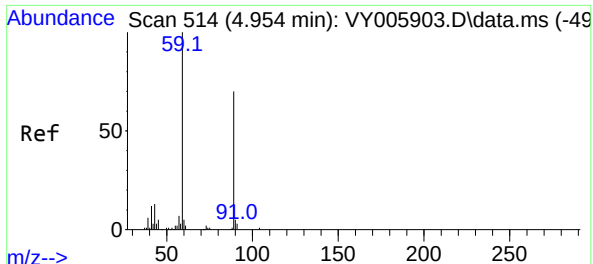
Ion Ratio Lower Upper

142 100

127 28.0 36.7 55.1#

141 6.5 11.8 17.8#

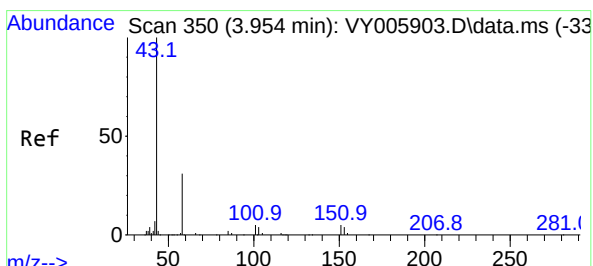
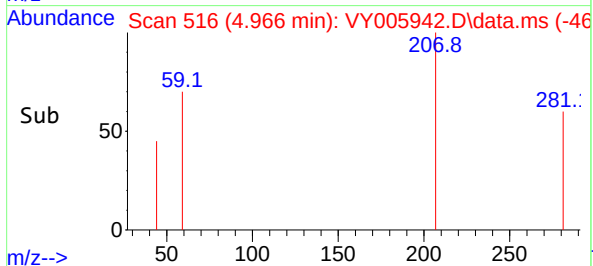
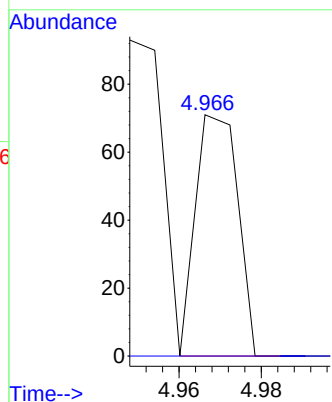
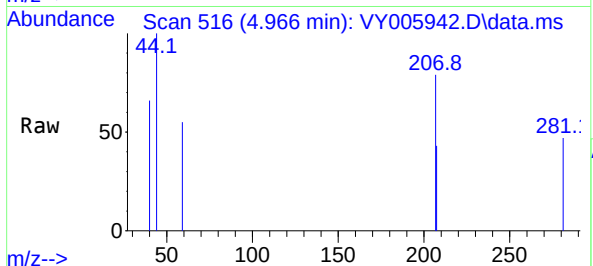




#11
Tert butyl alcohol
Concen: 1.879 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

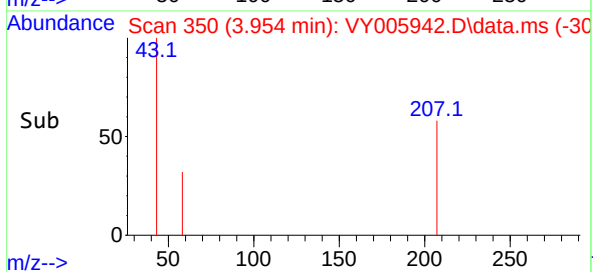
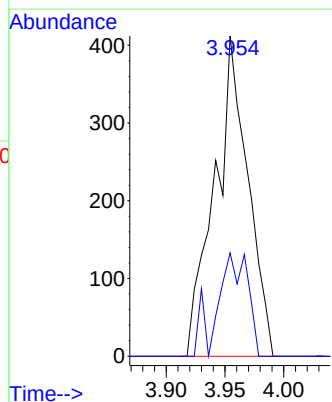
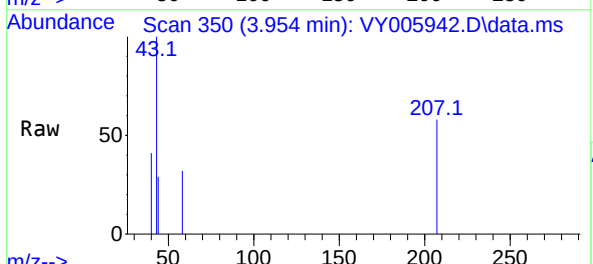
Instrument :
MSVOA_Y
ClientSampleId :

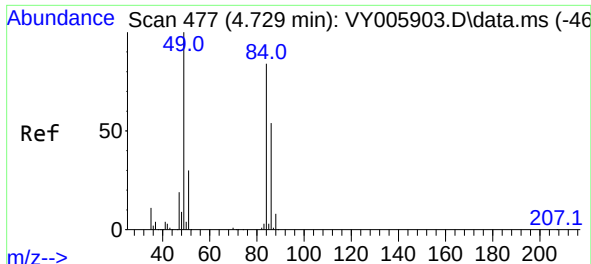
Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#



#16
Acetone
Concen: 23.105 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 32.3 25.1 37.7





#20

Methylene Chloride

Concen: 3.945 ug/l

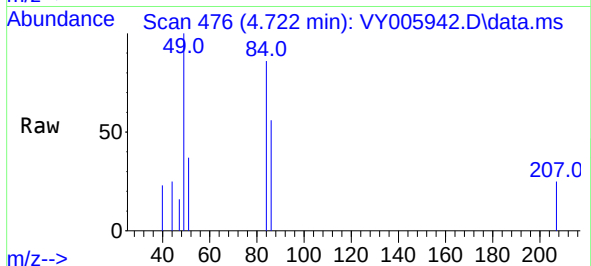
RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005942.D

Acq: 07 Sep 2021 14:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1159

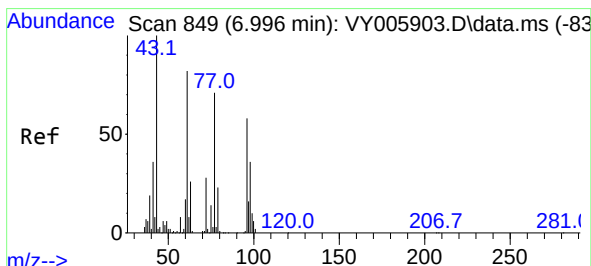
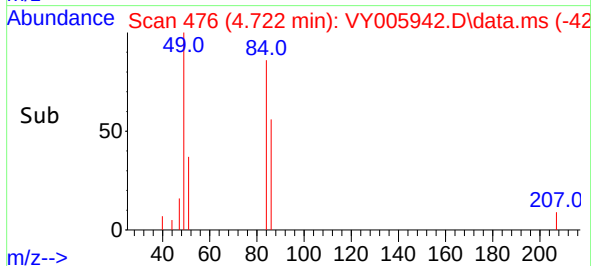
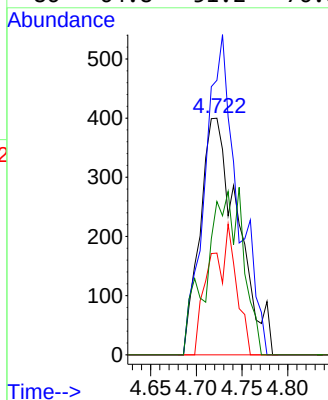
Ion Ratio Lower Upper

84 100

49 116.0 95.7 143.5

51 43.0 29.0 43.6

86 64.8 51.2 76.8



#25

2-Butanone

Concen: 1.086 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005942.D

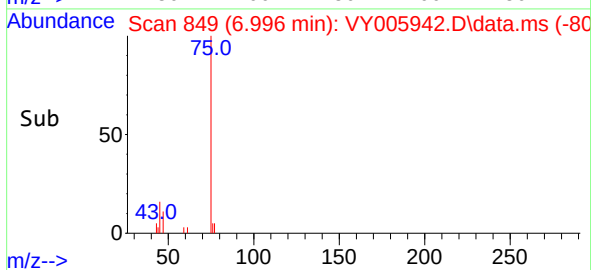
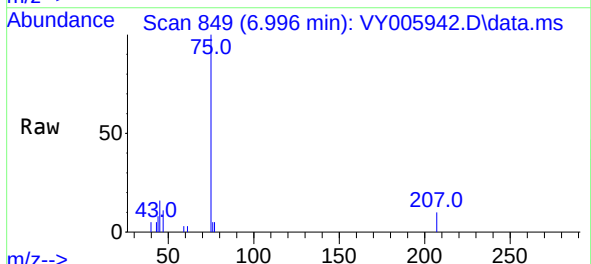
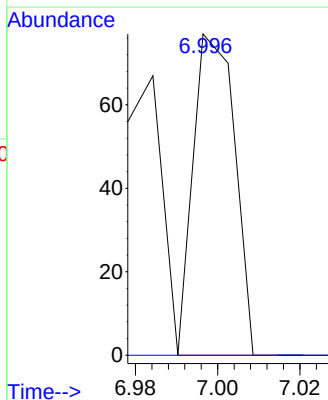
Acq: 07 Sep 2021 14:29

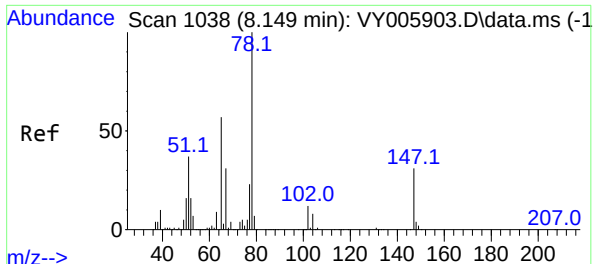
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

72 0.0 22.3 33.5#

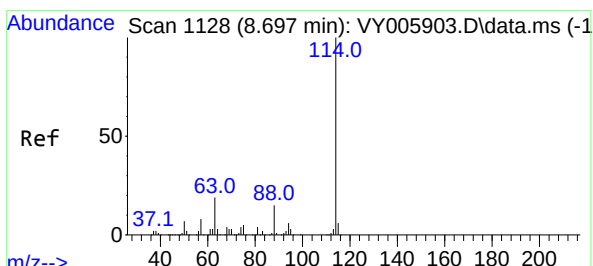
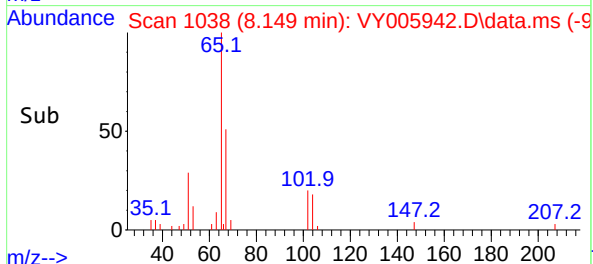
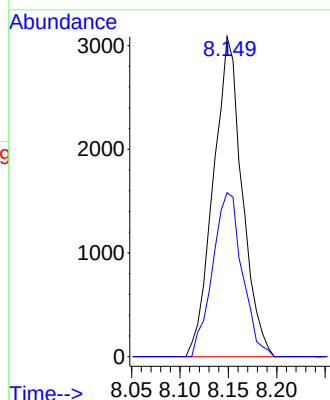
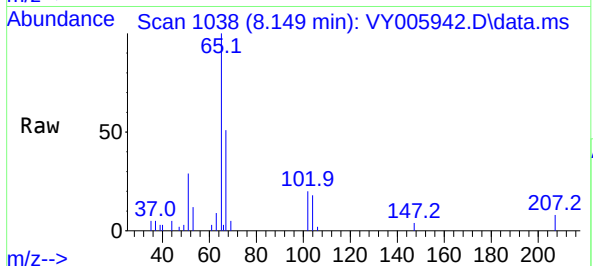




#33
1,2-Dichloroethane-d4
Concen: 46.363 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

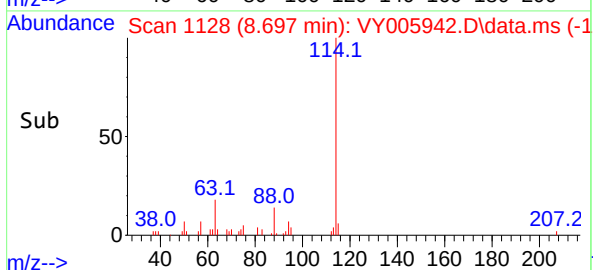
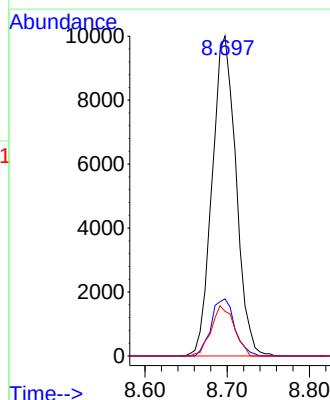
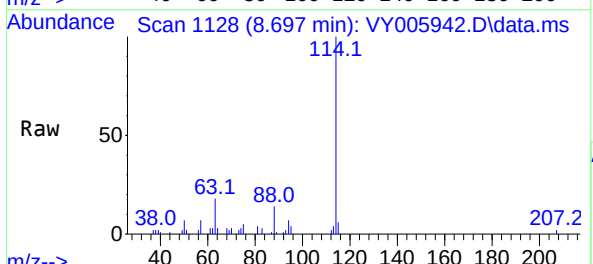
Instrument :
MSVOA_Y
ClientSampleId :

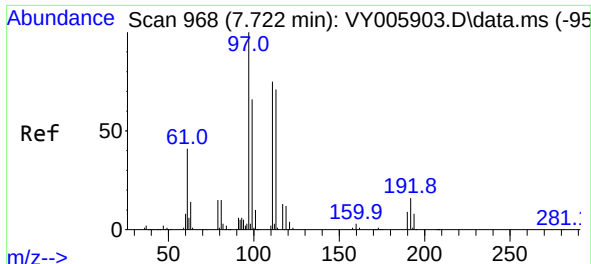
Tgt Ion: 65 Resp: 6398
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:114 Resp: 20154
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 14.0 0.0 30.0

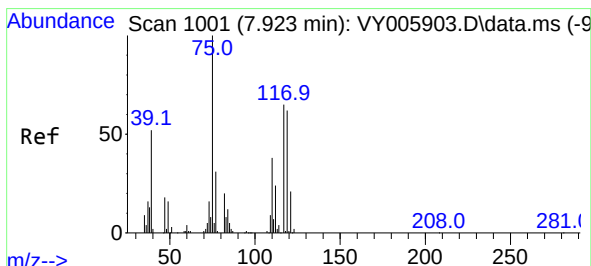
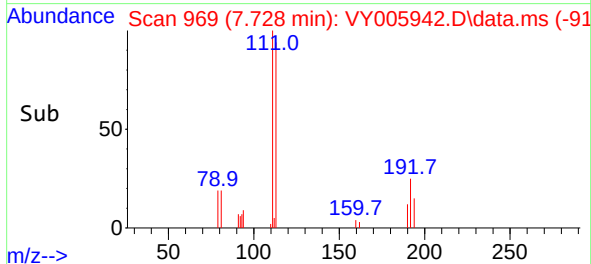
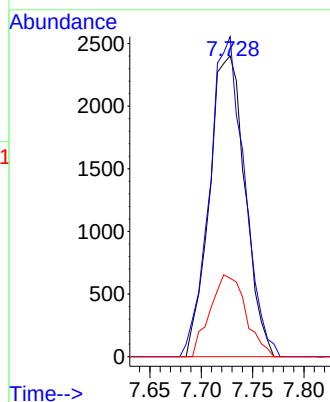
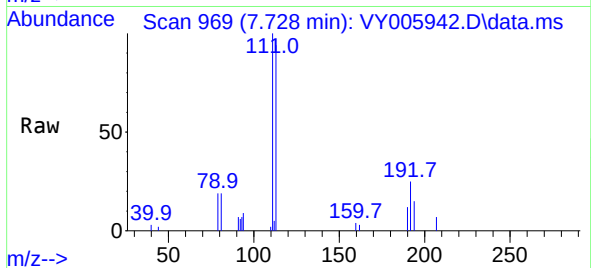




#35
Dibromofluoromethane
Concen: 51.173 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

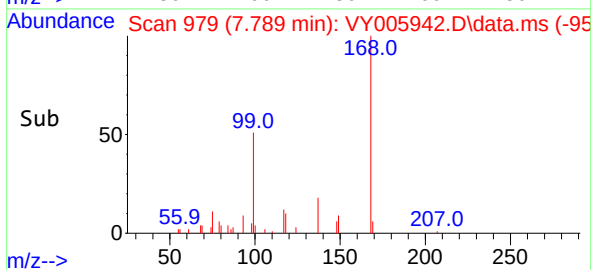
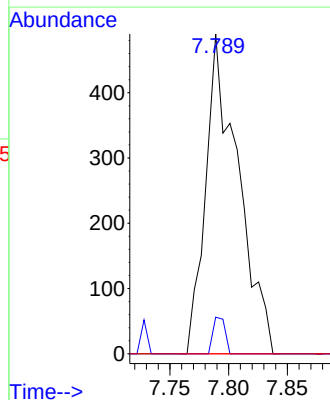
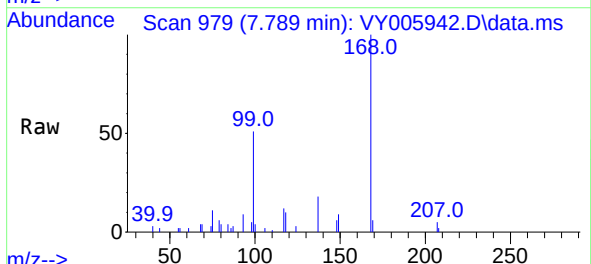
Instrument :
MSVOA_Y
ClientSampled :

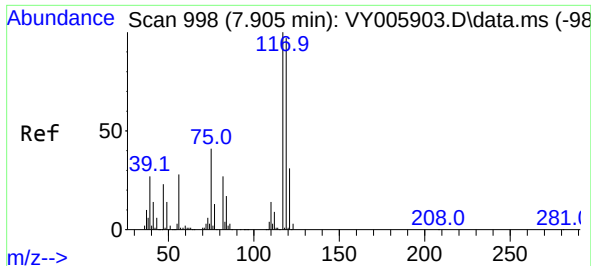
Tgt Ion:	113	Resp:	5792
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	27.2	19.4	29.0



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:	75	Resp:	940
Ion	Ratio	Lower	Upper
75	100		
110	4.3	18.1	54.3#
77	0.0	24.9	37.3#

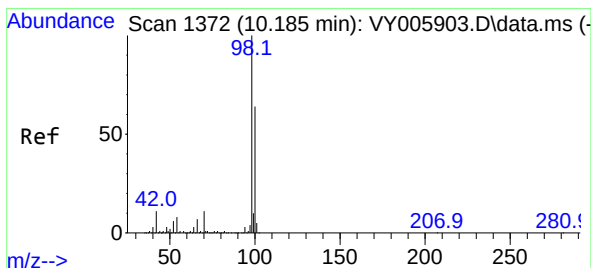
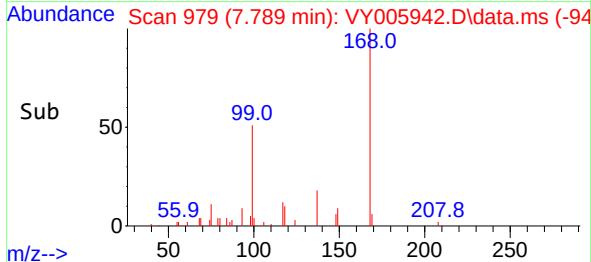
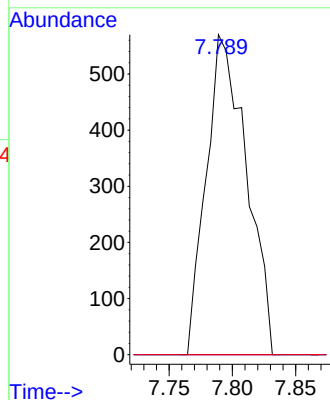
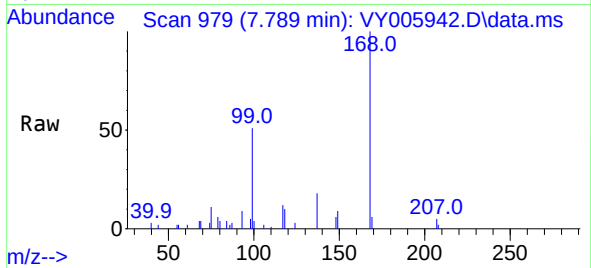




#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

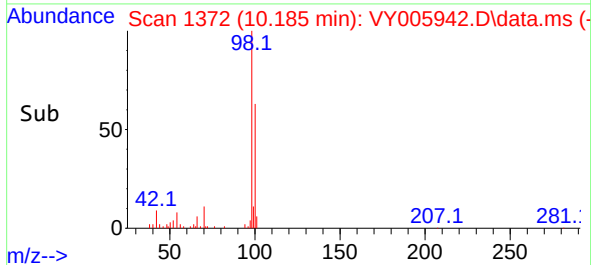
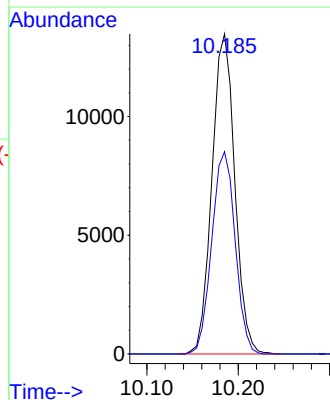
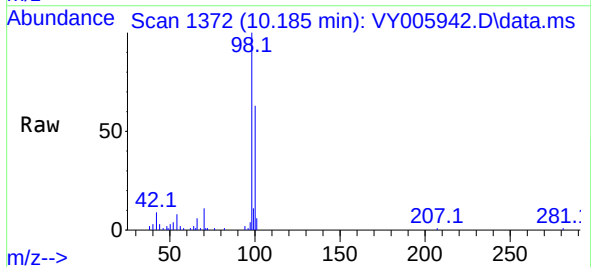
Instrument :
MSVOA_Y
ClientSampled :

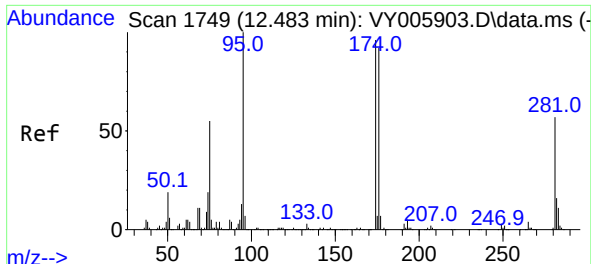
Tgt Ion:117 Resp: 1262
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.181 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion: 98 Resp: 23362
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

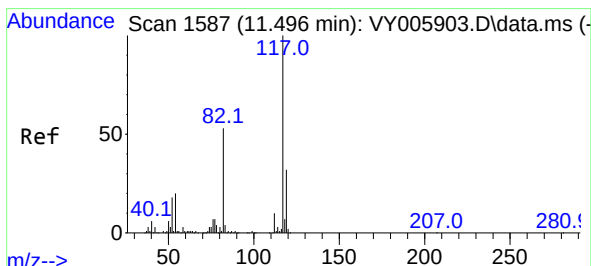
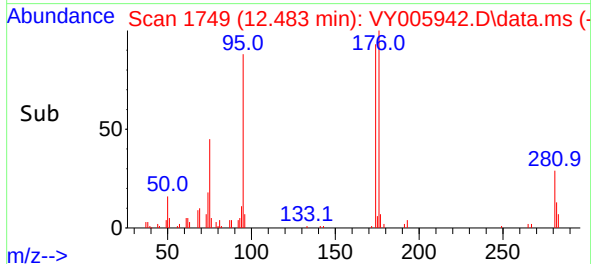
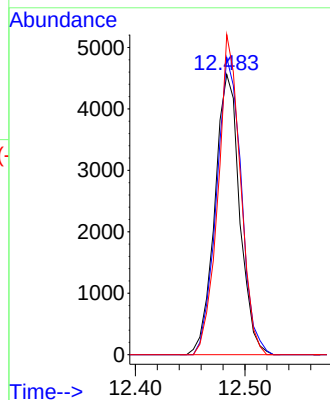
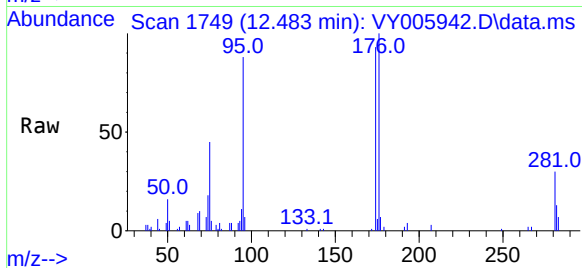




#62
4-Bromofluorobenzene
Concen: 45.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

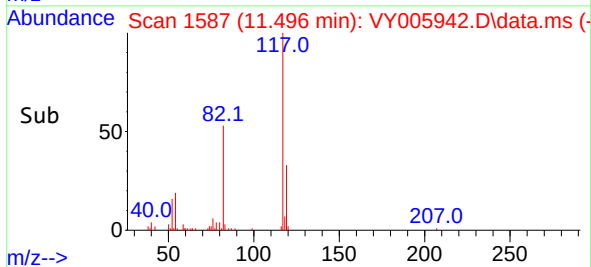
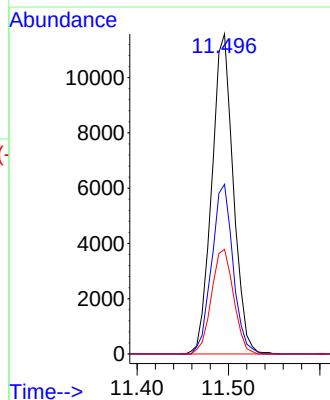
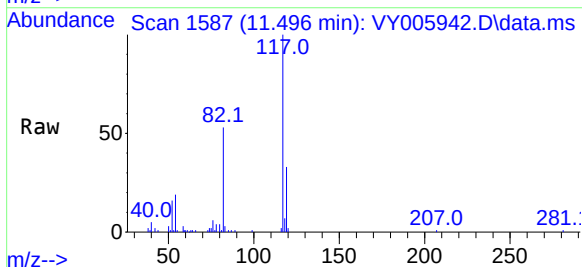
Instrument :
MSVOA_Y
ClientSampleId :

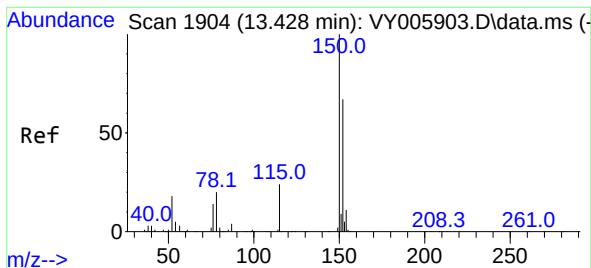
Tgt Ion:	95	Resp:	7207
Ion	Ratio	Lower	Upper
95	100		
174	105.4	0.0	192.4
176	102.6	0.0	186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:	117	Resp:	18879
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	32.7	25.4	38.0

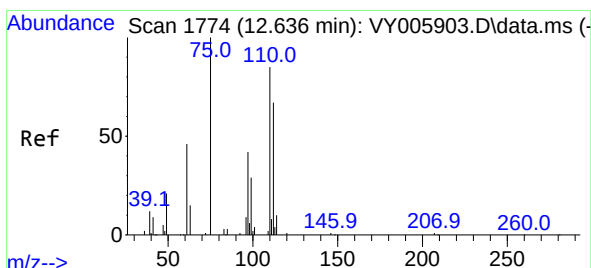
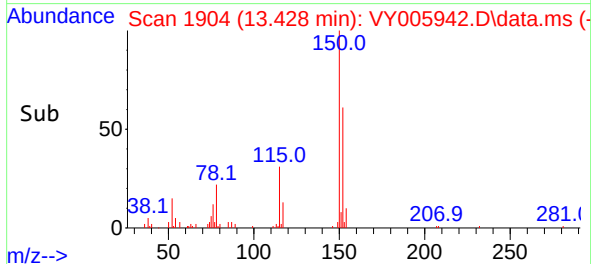
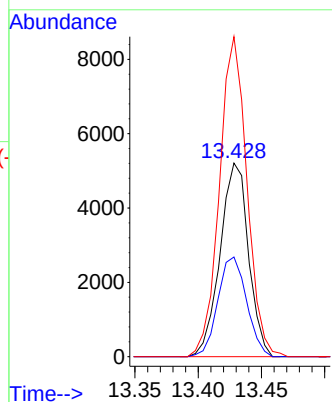
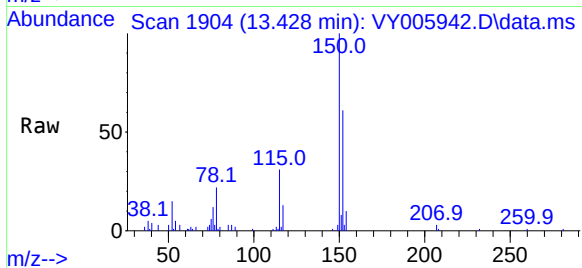




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

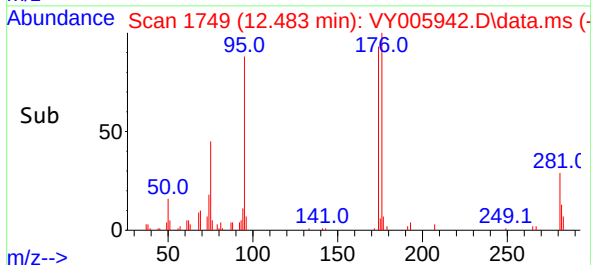
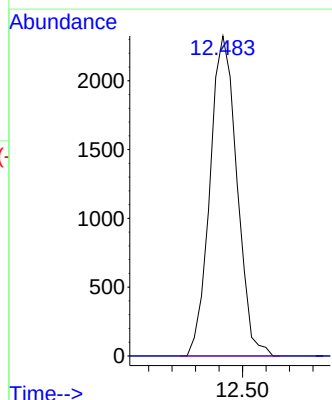
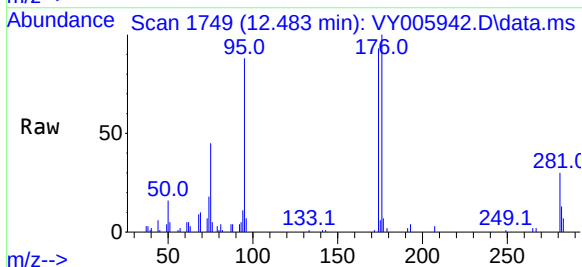
Instrument :
MSVOA_Y
ClientSampled :

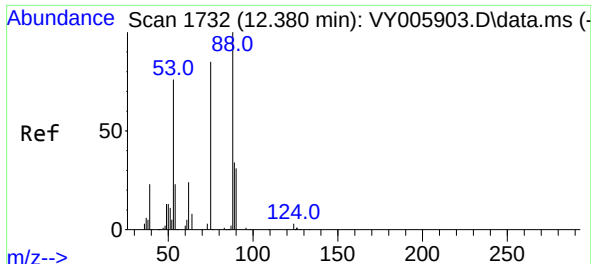
Tgt Ion:152 Resp: 8127
Ion Ratio Lower Upper
152 100
115 52.1 26.8 80.4
150 159.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 48.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion: 75 Resp: 3714
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

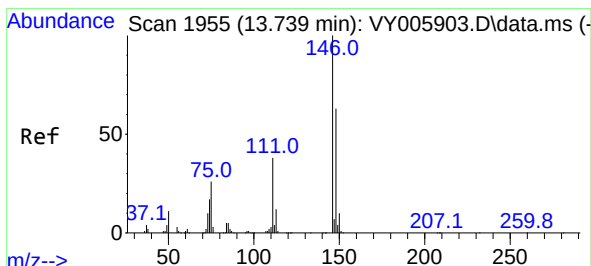
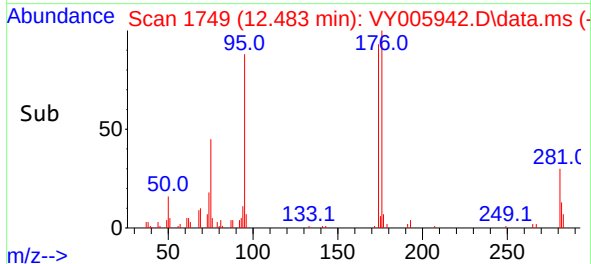
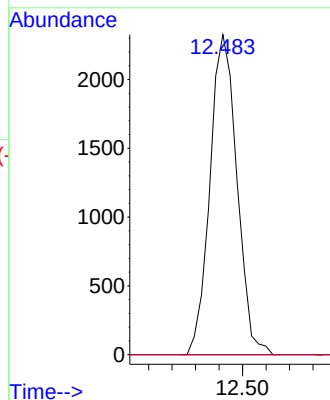
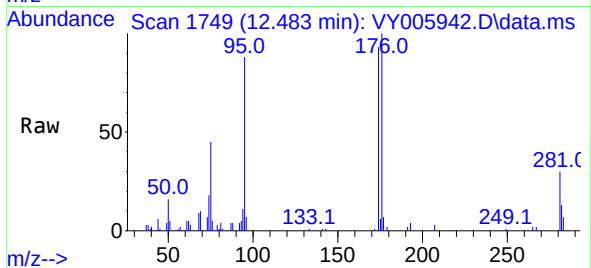




#81
trans-1,4-Dichloro-2-butene
Concen: 92.856 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

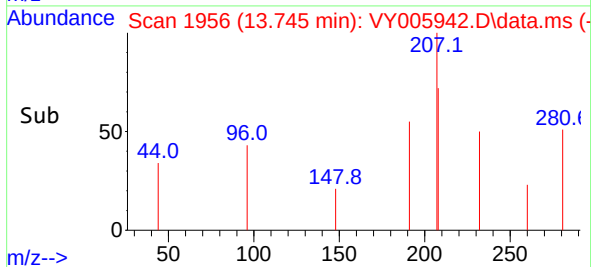
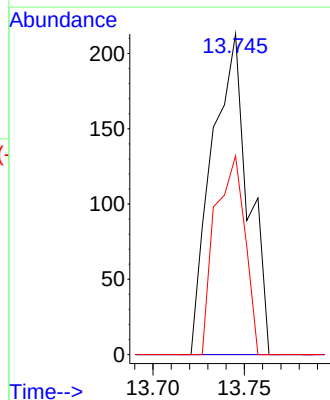
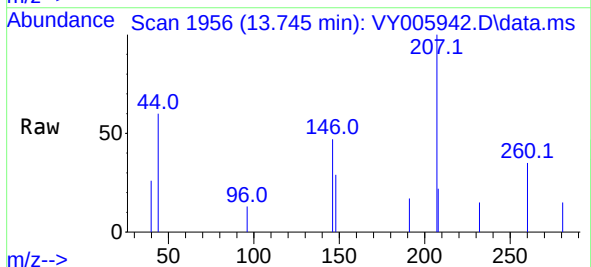
Instrument :
MSVOA_Y
ClientSampleId :

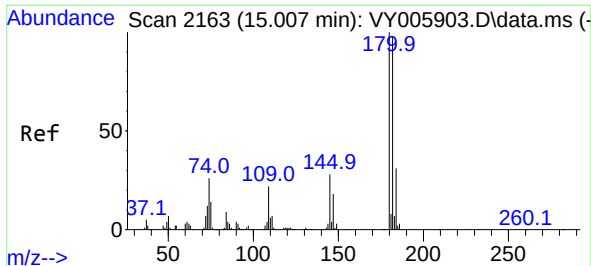
Tgt Ion: 75 Resp: 3714
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.0 35.8 53.6#



#91
1,2-Dichlorobenzene
Concen: 1.257 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:146 Resp: 296
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.2#
148 50.3 32.2 96.6

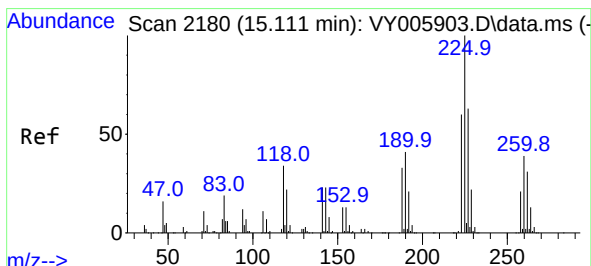
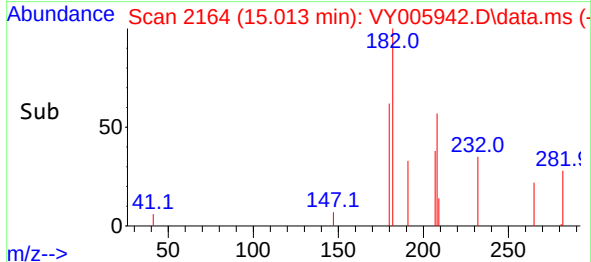
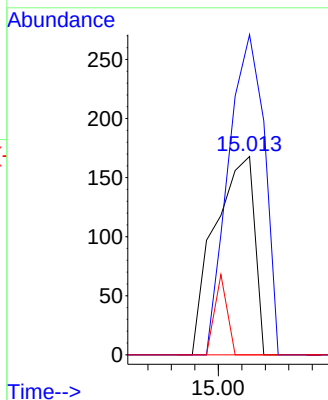
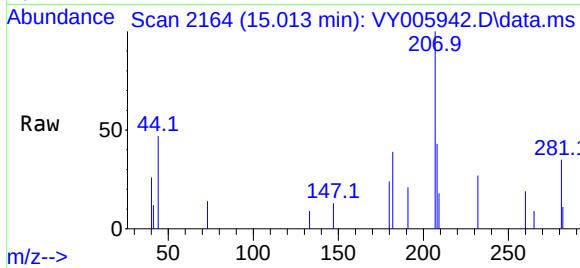




#93
1,2,4-Trichlorobenzene
Concen: 1.240 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

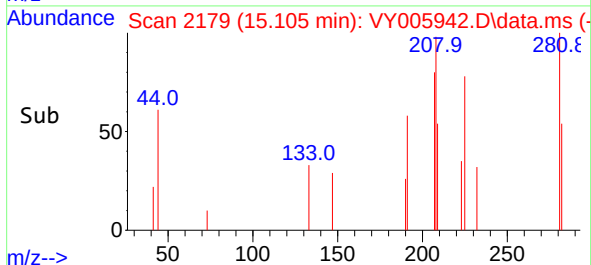
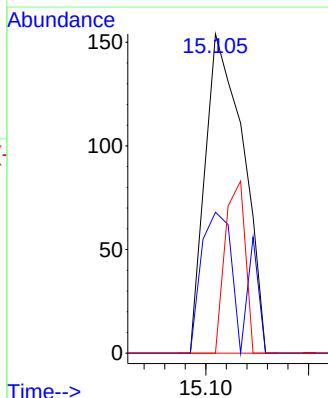
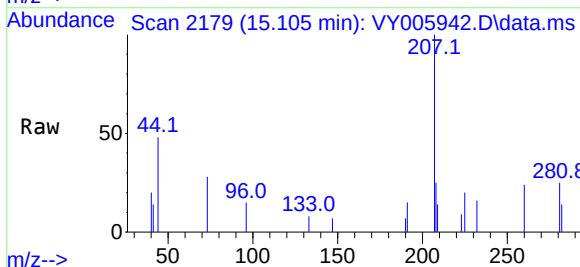
Instrument :
MSVOA_Y
ClientSampled :

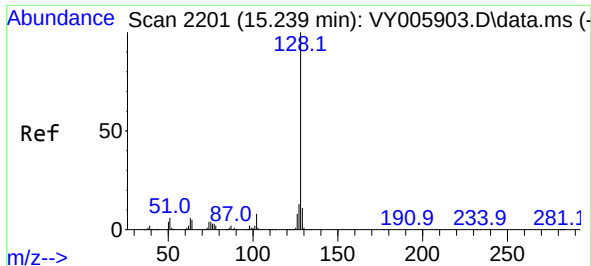
Tgt Ion:	180	Resp:	197
Ion	Ratio	Lower	Upper
180	100		
182	146.7	48.1	144.4#
145	12.7	13.9	41.6#



#94
Hexachlorobutadiene
Concen: 1.934 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:	225	Resp:	198
Ion	Ratio	Lower	Upper
225	100		
223	44.4	31.1	93.3
227	28.3	32.2	96.6#

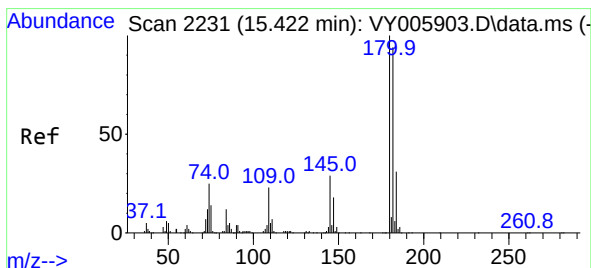
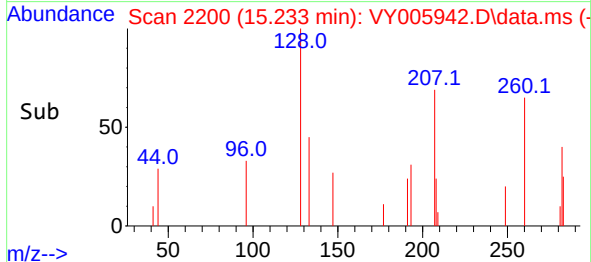
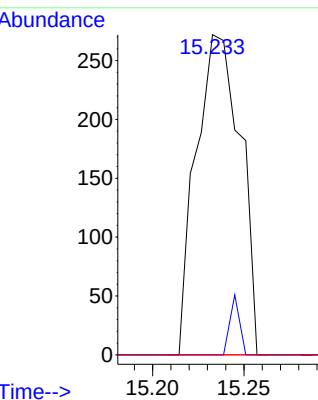
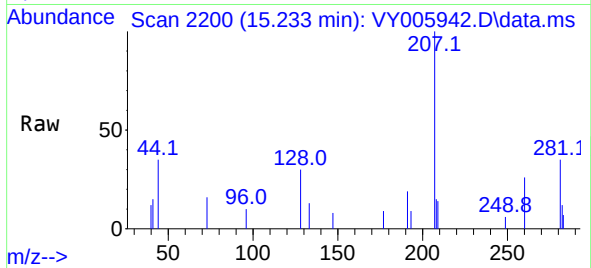




#95
Naphthalene
Concen: 1.504 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	128	Resp:	459
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.6	15.8#
129	0.0	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.074 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY005942.D
Acq: 07 Sep 2021 14:29

Tgt Ion:	180	Resp:	149
Ion	Ratio	Lower	Upper
180	100		
182	194.0	47.8	143.3#
145	0.0	14.2	42.8#

