

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006561.D
 Acq On : 01 Nov 2021 18:52
 Operator : SY/MD
 Sample : M4422-01RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:31:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

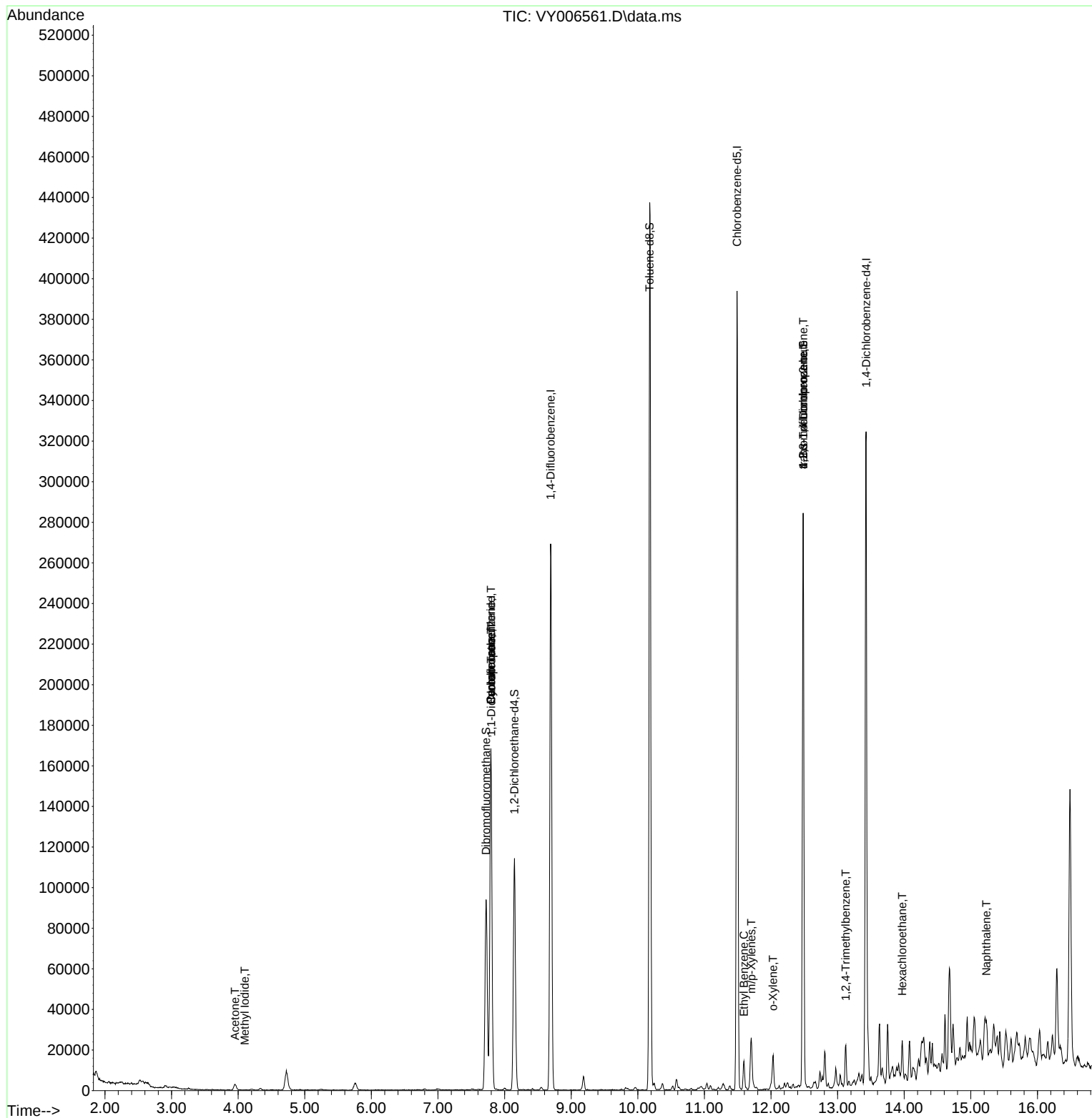
Internal Standards						
1) Pentafluorobenzene	7.795	168	123554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88153	57.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.960%	
35) Dibromofluoromethane	7.722	113	64808	54.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.179	98	270371	53.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.483	95	82390	48.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.140%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	147	5.168	ug/l #	36
16) Acetone	3.954	43	4949	11.304	ug/l	94
31) Cyclohexane	7.795	56	4108	1.669	ug/l #	39
36) 1,1-Dichloropropene	7.801	75	10320	4.901	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12347	5.315	ug/l #	18
67) Ethyl Benzene	11.593	91	8567	1.202	ug/l	93
68) m/p-Xylenes	11.703	106	6597	2.460	ug/l	96
69) o-Xylene	12.032	106	3792	1.482	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	47274	59.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47274	123.057	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	10835	2.417	ug/l	97
90) Hexachloroethane	13.971	117	901	1.011	ug/l #	6
95) Naphthalene	15.233	128	12515	4.362	ug/l #	93

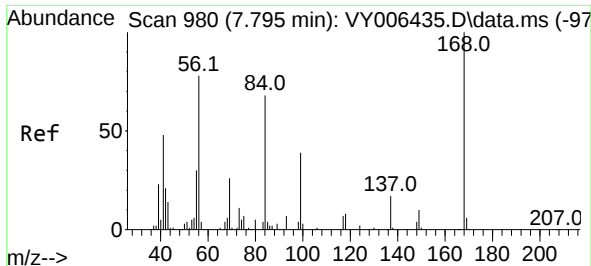
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
Data File : VY006561.D
Acq On : 01 Nov 2021 18:52
Operator : SY/MD
Sample : M4422-01RE
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 02 03:31:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

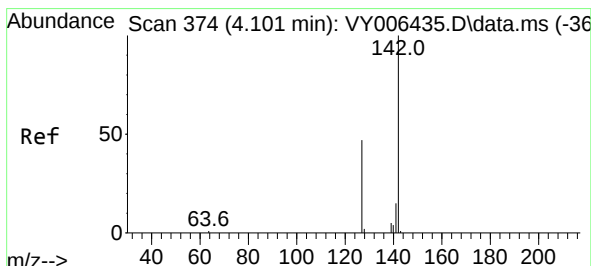
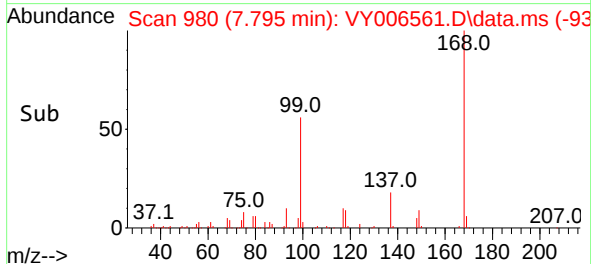
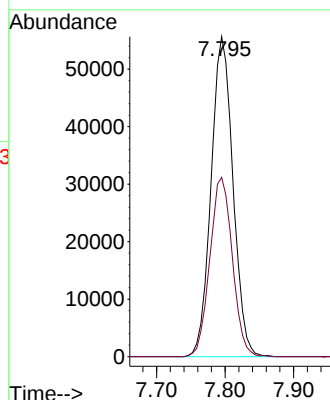
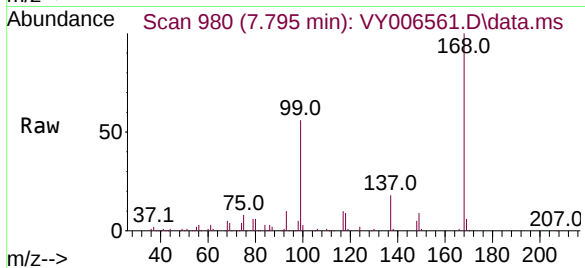




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

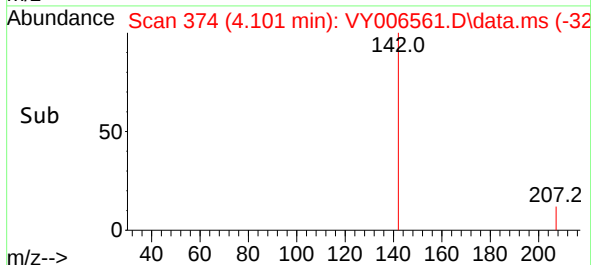
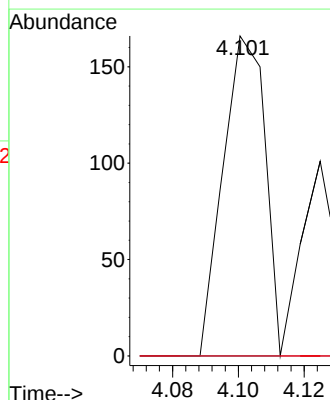
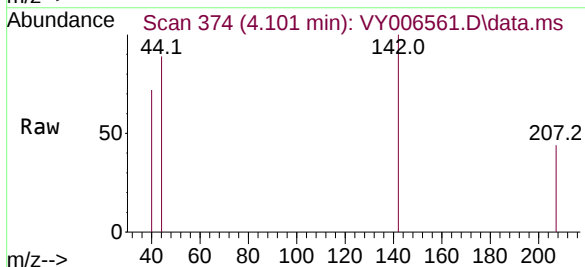
Instrument :
MSVOA_Y
ClientSampleId :

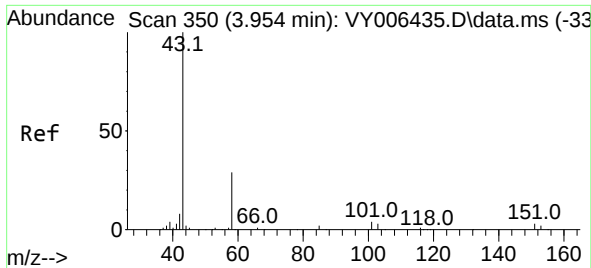
Tgt Ion:168 Resp: 123554
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.168 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion:142 Resp: 147
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

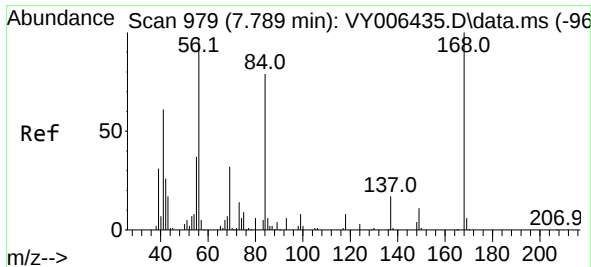
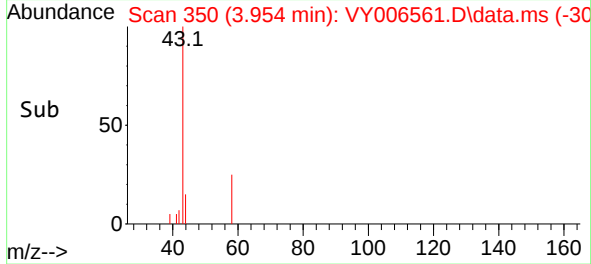
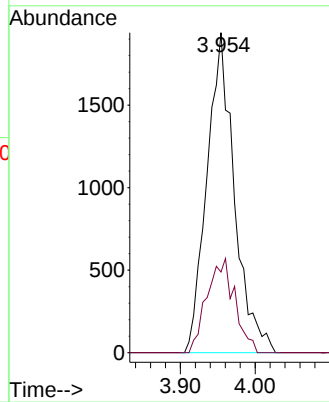
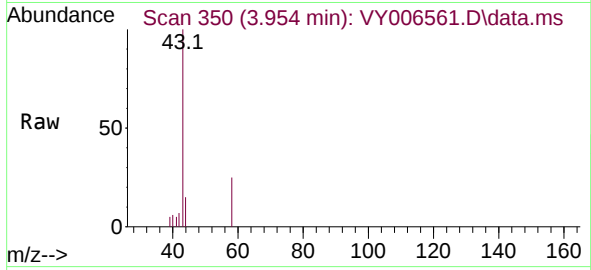




#16
Acetone
Concen: 11.304 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

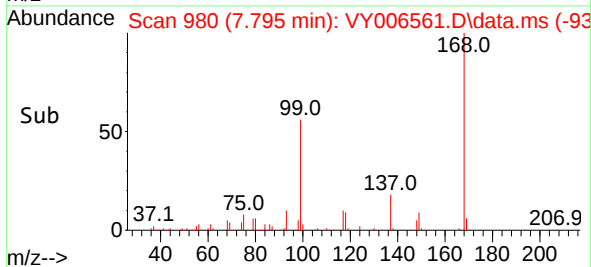
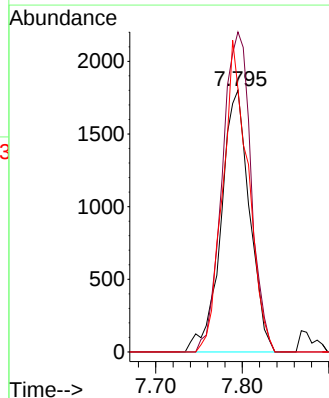
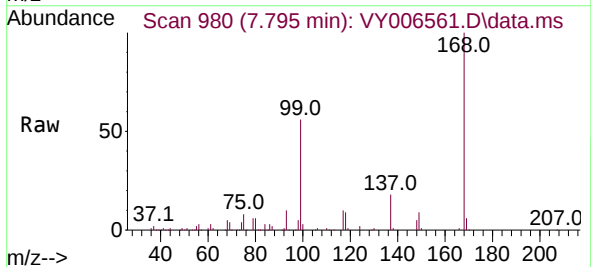
Instrument :
MSVOA_Y
ClientSampleId :

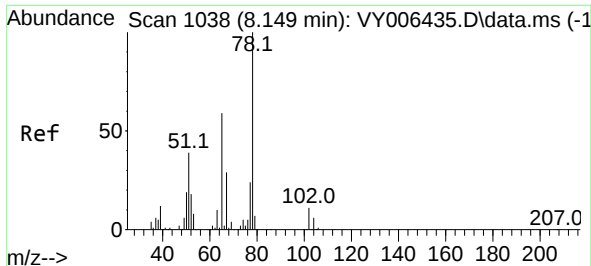
Tgt Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 25.2 22.9 34.3



#31
Cyclohexane
Concen: 1.669 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 56 Resp: 4108
Ion Ratio Lower Upper
56 100
69 122.3 26.6 40.0#
84 100.6 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 57.980 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

Instrument :

MSVOA_Y

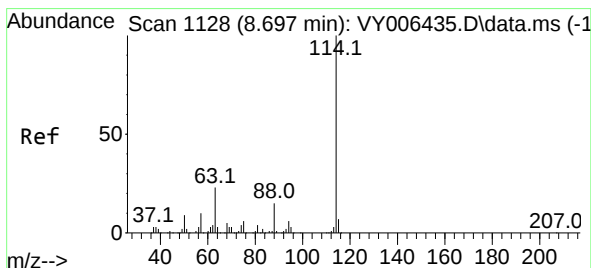
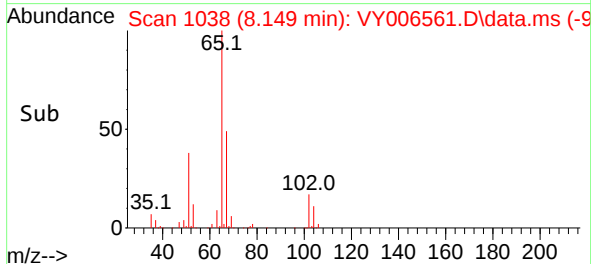
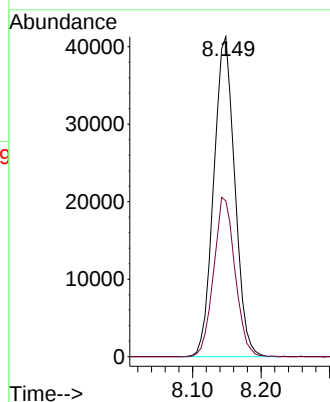
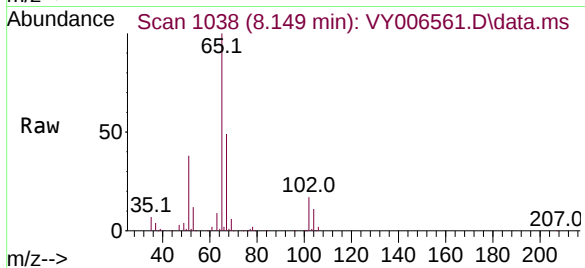
ClientSampleId :

Tgt Ion: 65 Resp: 88153

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

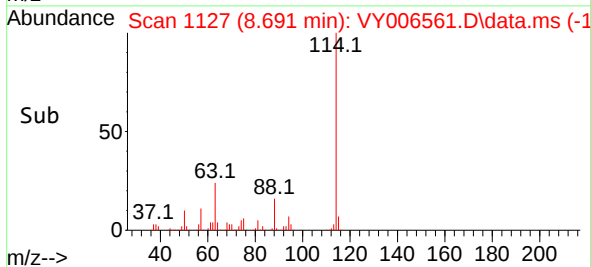
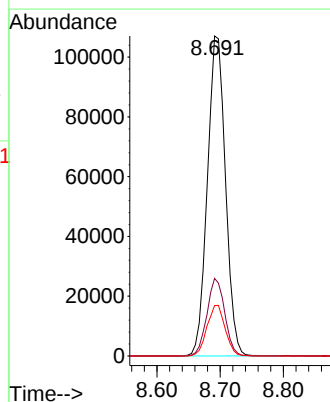
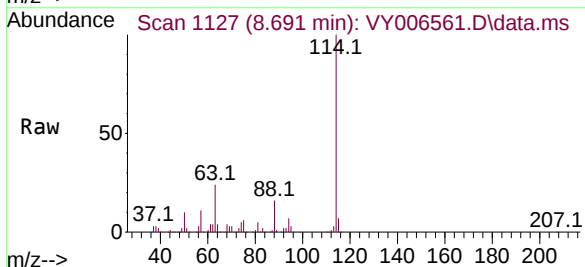
Tgt Ion: 114 Resp: 213112

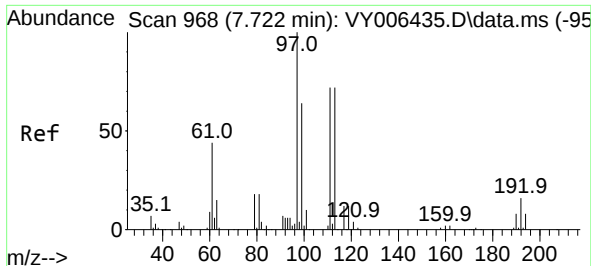
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

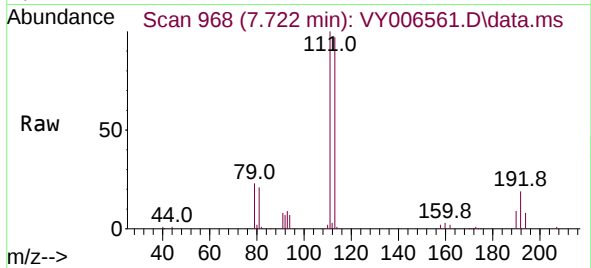
88 15.8 0.0 30.6



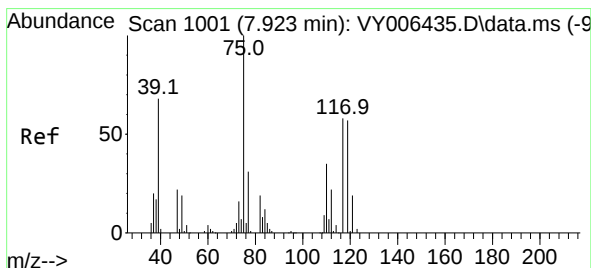
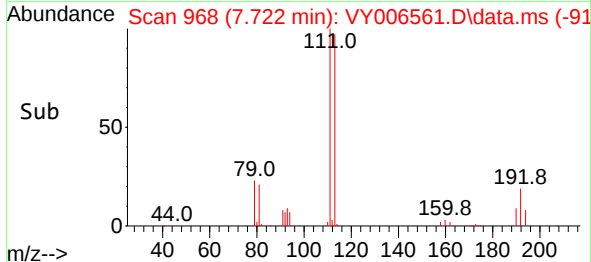
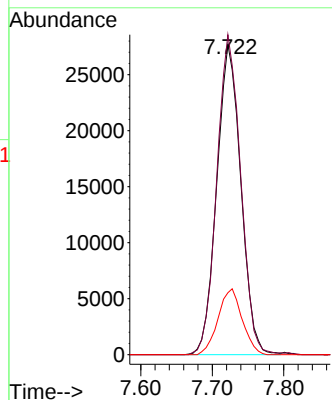


#35
Dibromofluoromethane
Concen: 54.560 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Instrument :
MSVOA_Y
ClientSampleId :

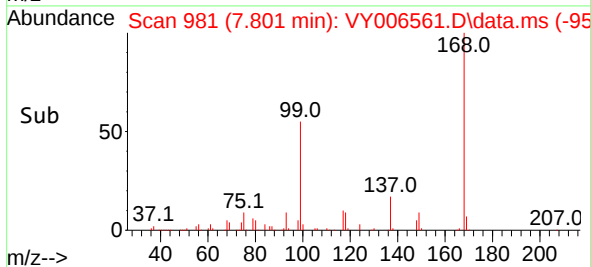
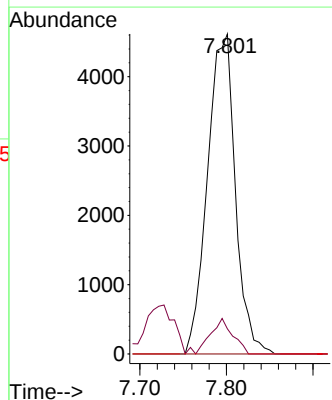
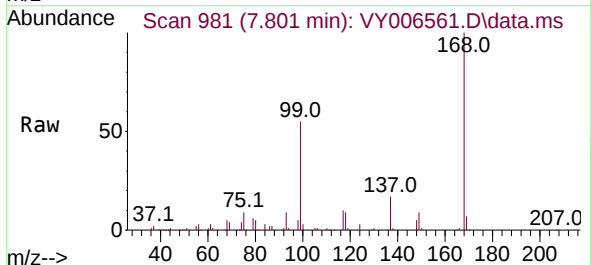


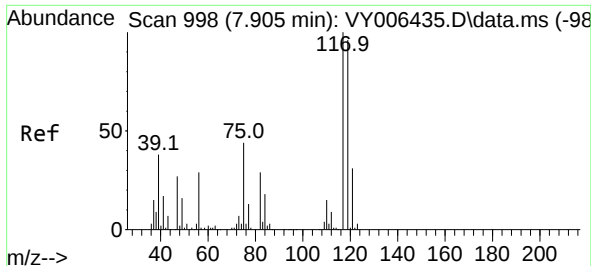
Tgt Ion:113 Resp: 64808
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 21.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

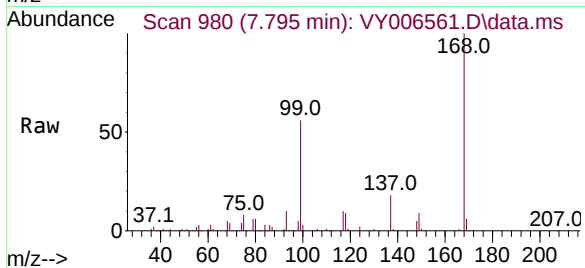
Tgt Ion: 75 Resp: 10320
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.3#
77 0.0 24.9 37.3#



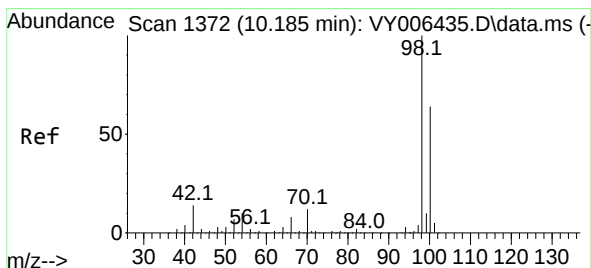
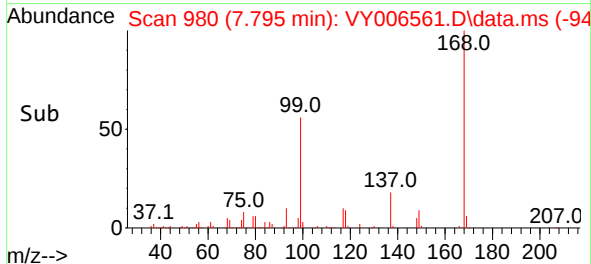
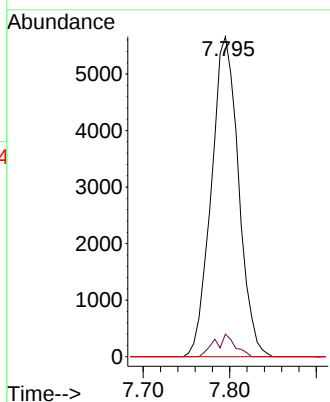


#38
Carbon Tetrachloride
Concen: 5.315 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Instrument :
MSVOA_Y
ClientSampleId :

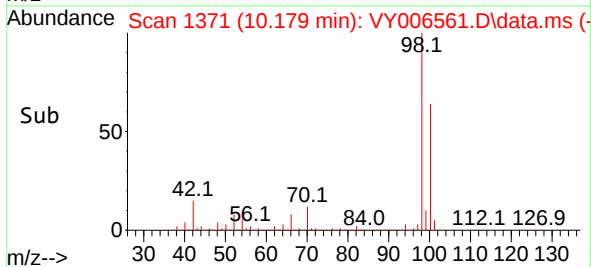
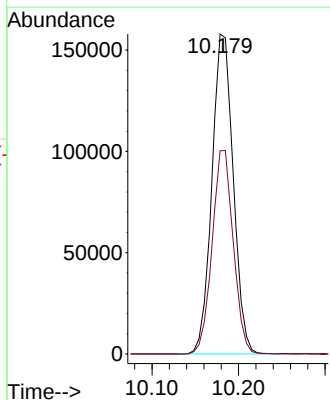
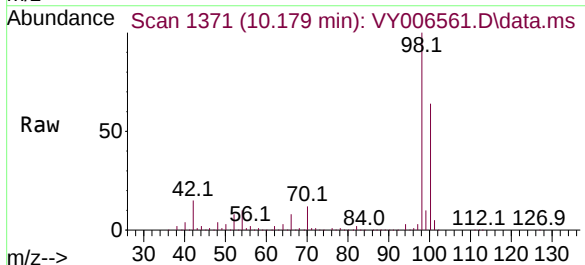


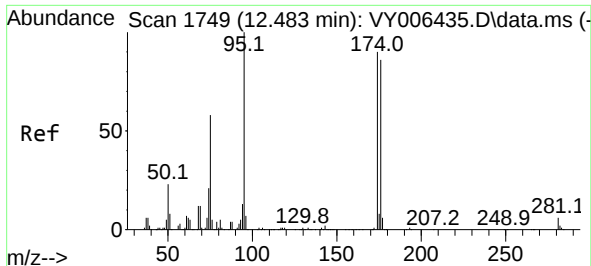
Tgt Ion:117 Resp: 12347
Ion Ratio Lower Upper
117 100
119 7.1 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.694 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 98 Resp: 270371
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

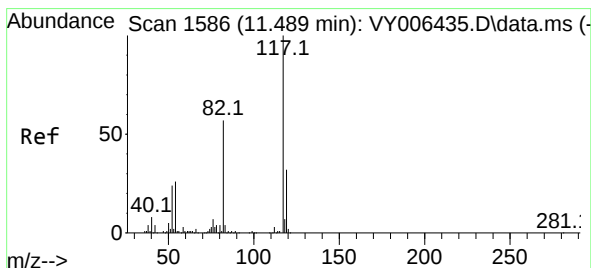
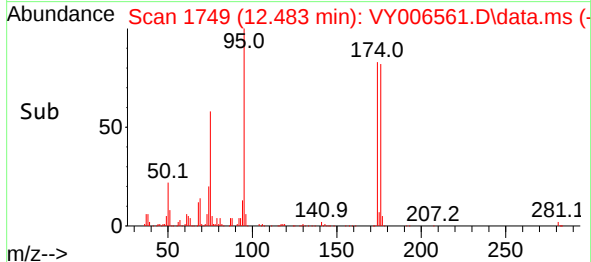
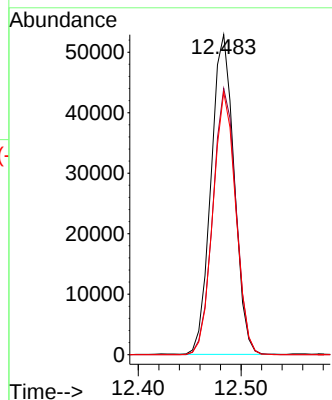
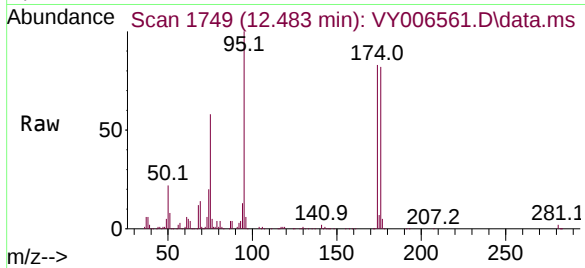




#62
4-Bromofluorobenzene
Concen: 48.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

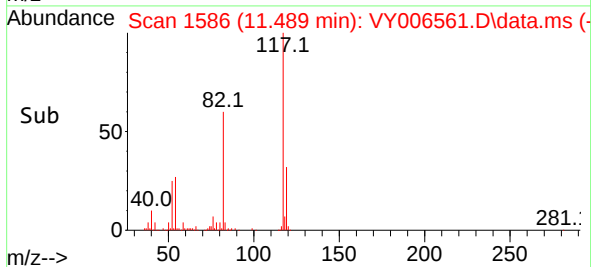
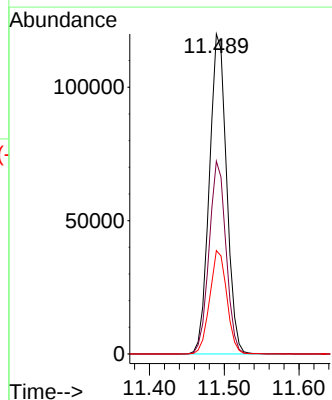
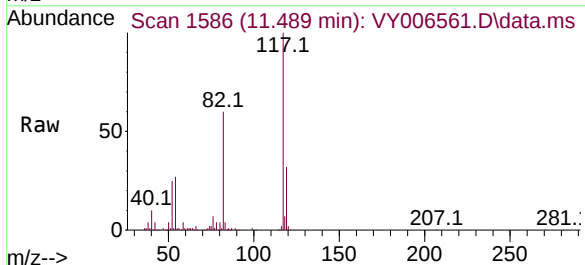
Instrument :
MSVOA_Y
ClientSampleId :

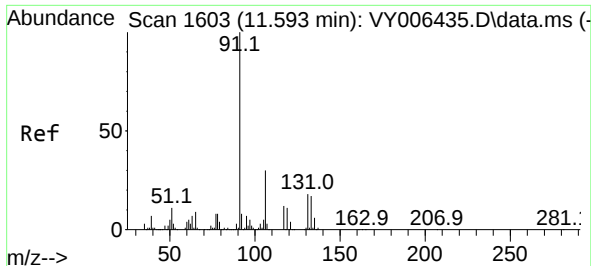
Tgt Ion: 95 Resp: 82390
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 81.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 117 Resp: 192364
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.3 25.5 38.3





#67

Ethyl Benzene

Concen: 1.202 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

Instrument :

MSVOA_Y

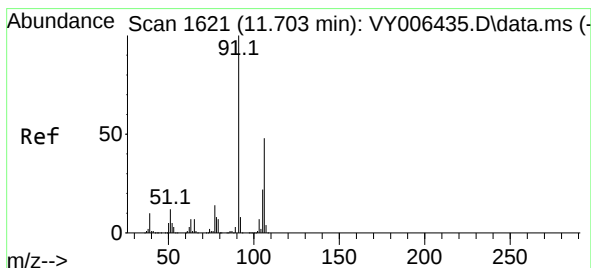
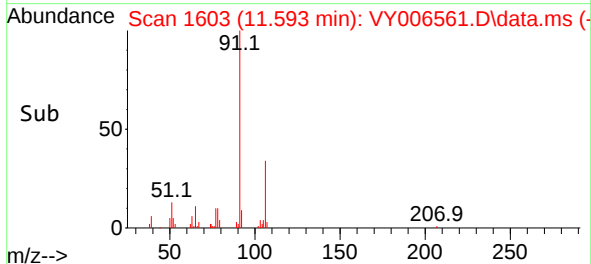
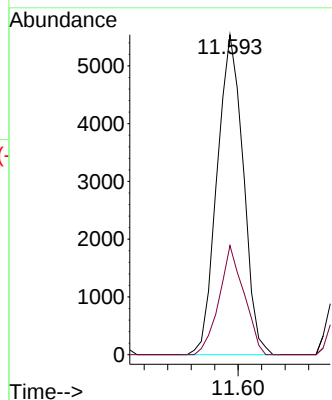
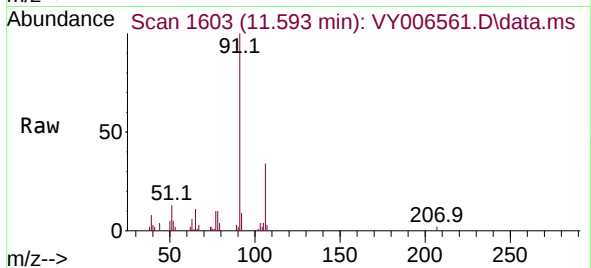
ClientSampleId :

Tgt Ion: 91 Resp: 8567

Ion Ratio Lower Upper

91 100

106 34.1 24.2 36.4



#68

m/p-Xylenes

Concen: 2.460 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY006561.D

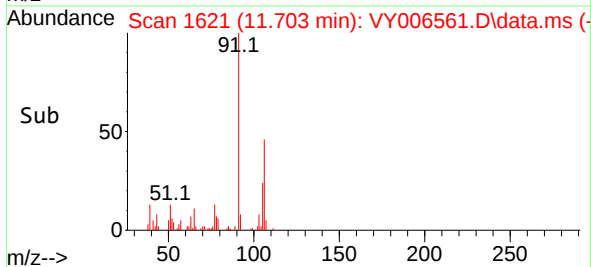
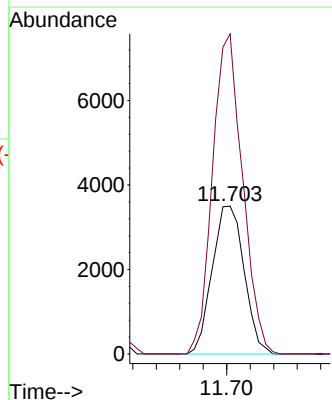
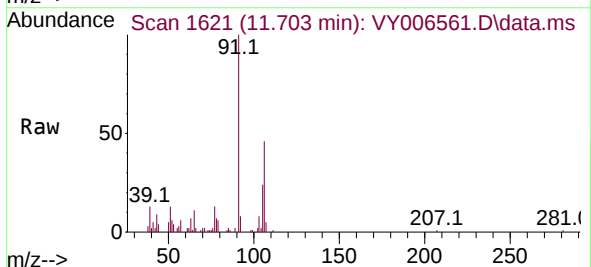
Acq: 01 Nov 2021 18:52

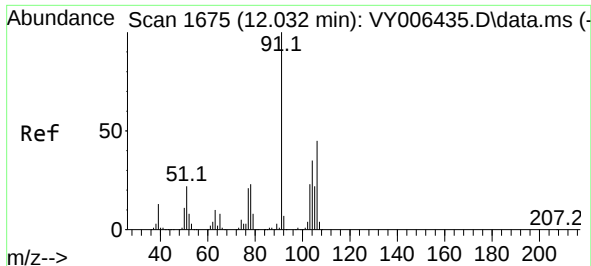
Tgt Ion: 106 Resp: 6597

Ion Ratio Lower Upper

106 100

91 203.9 167.5 251.3

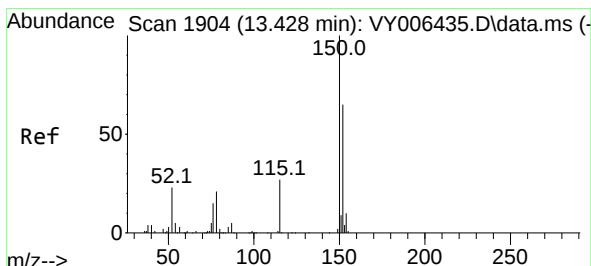
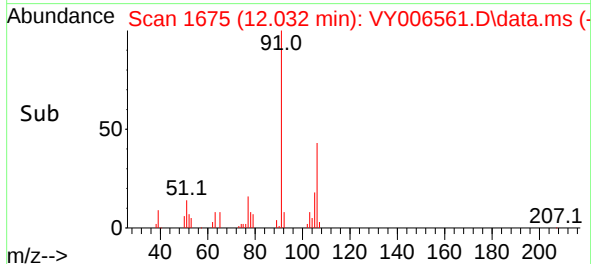
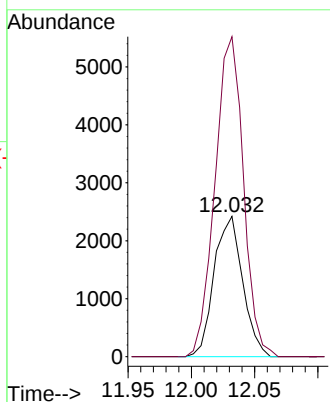
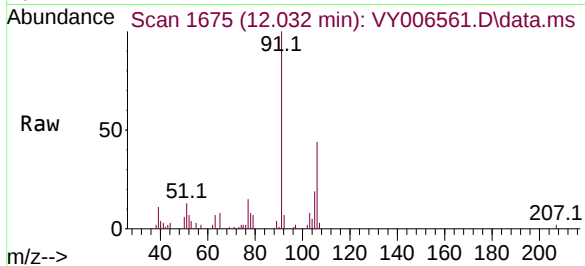




#69
o-Xylene
Concen: 1.482 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

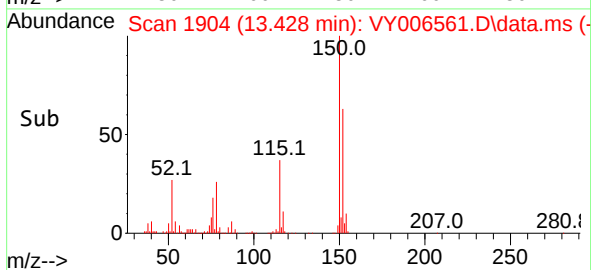
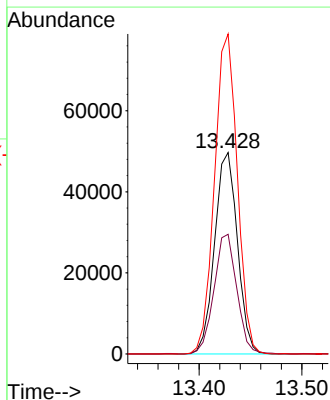
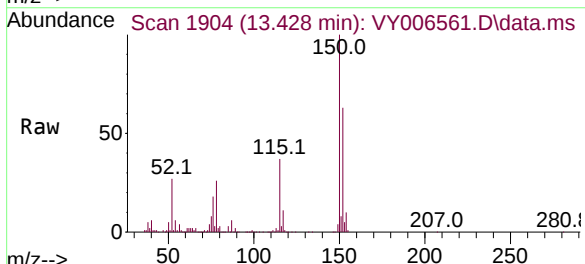
Instrument :
MSVOA_Y
ClientSampleId :

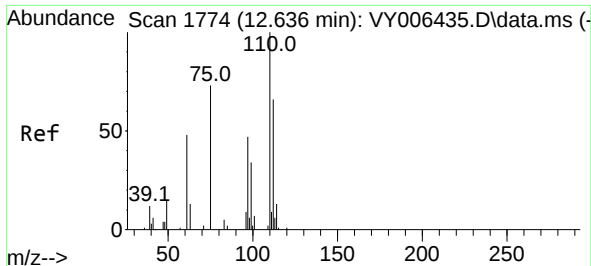
Tgt Ion:106 Resp: 3792
Ion Ratio Lower Upper
106 100
91 227.7 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion:152 Resp: 76535
Ion Ratio Lower Upper
152 100
115 59.5 28.5 85.5
150 158.6 0.0 348.2

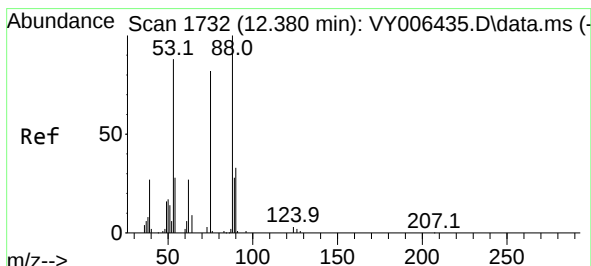
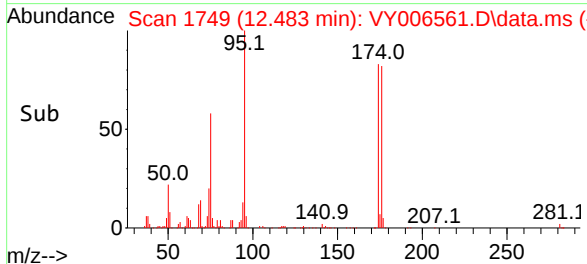
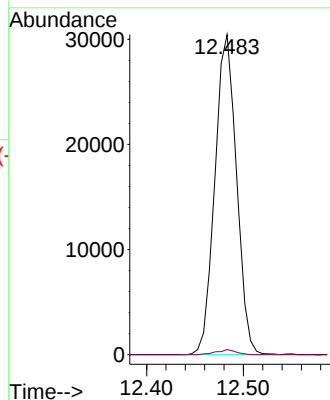
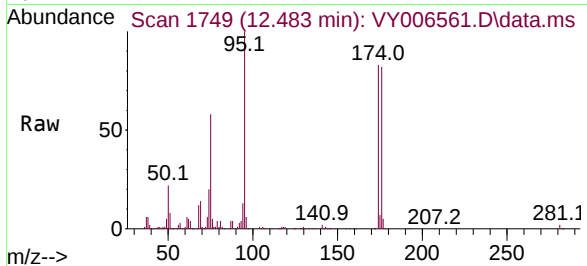




#76
1,2,3-Trichloropropane
Concen: 59.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

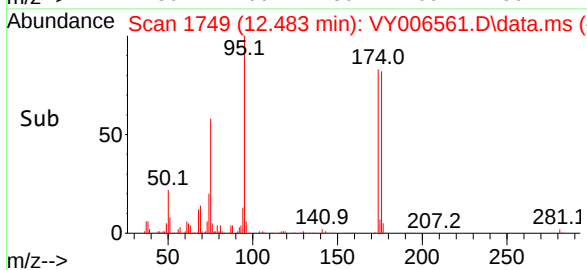
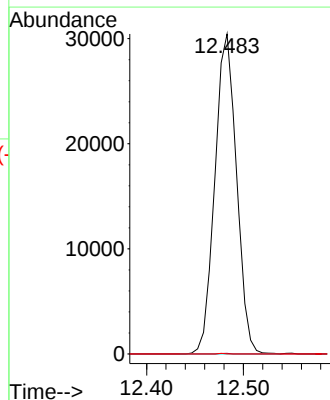
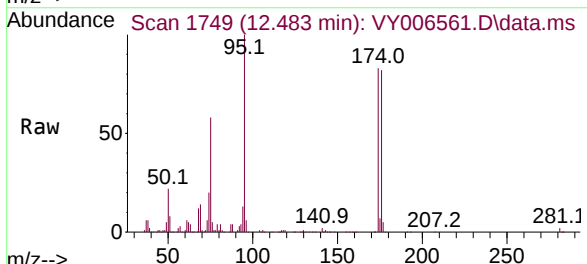
Instrument :
MSVOA_Y
ClientSampleId :

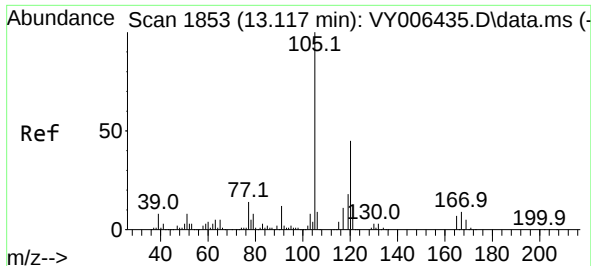
Tgt Ion: 75 Resp: 47274
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion: 75 Resp: 47274
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

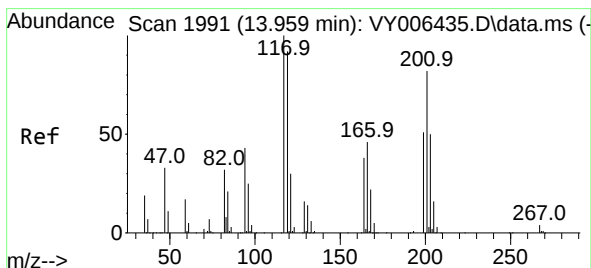
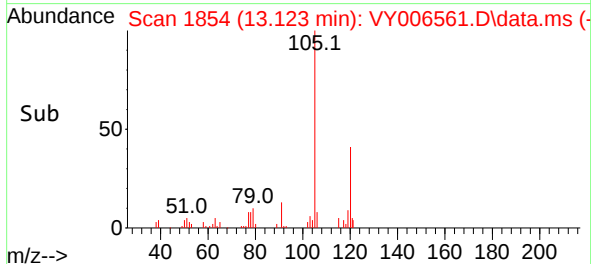
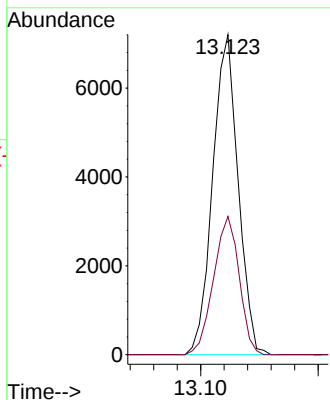
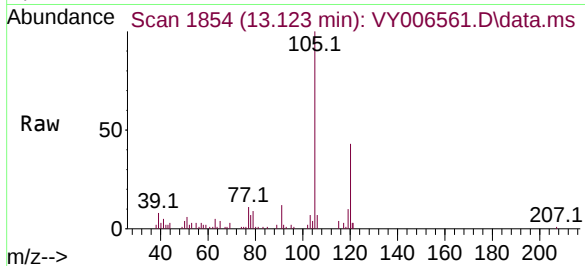




#84
1,2,4-Trimethylbenzene
Concen: 2.417 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

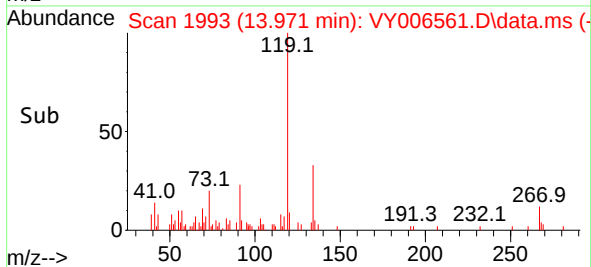
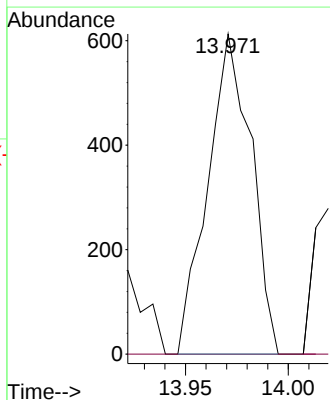
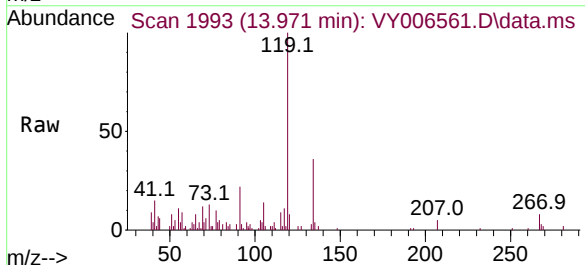
Instrument :
MSVOA_Y
ClientSampleId :

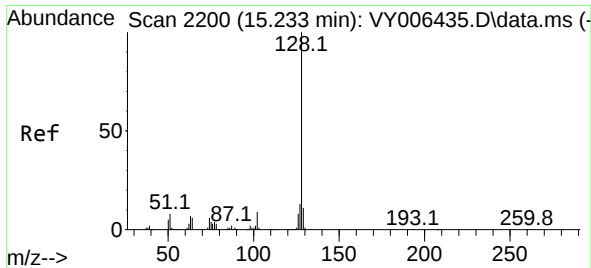
Tgt Ion:105 Resp: 10835
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.8



#90
Hexachloroethane
Concen: 1.011 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY006561.D
Acq: 01 Nov 2021 18:52

Tgt Ion:117 Resp: 901
Ion Ratio Lower Upper
117 100
201 0.0 43.4 130.1#





#95

Naphthalene

Concen: 4.362 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

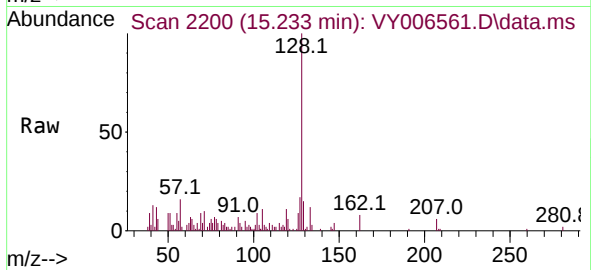
Lab File: VY006561.D

Acq: 01 Nov 2021 18:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	12515
Ion	Ratio	Lower	Upper
128	100		
127	17.3	11.0	16.4#
129	13.1	8.9	13.3

