

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006177.D
 Acq On : 27 Sep 2021 20:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 06:24:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

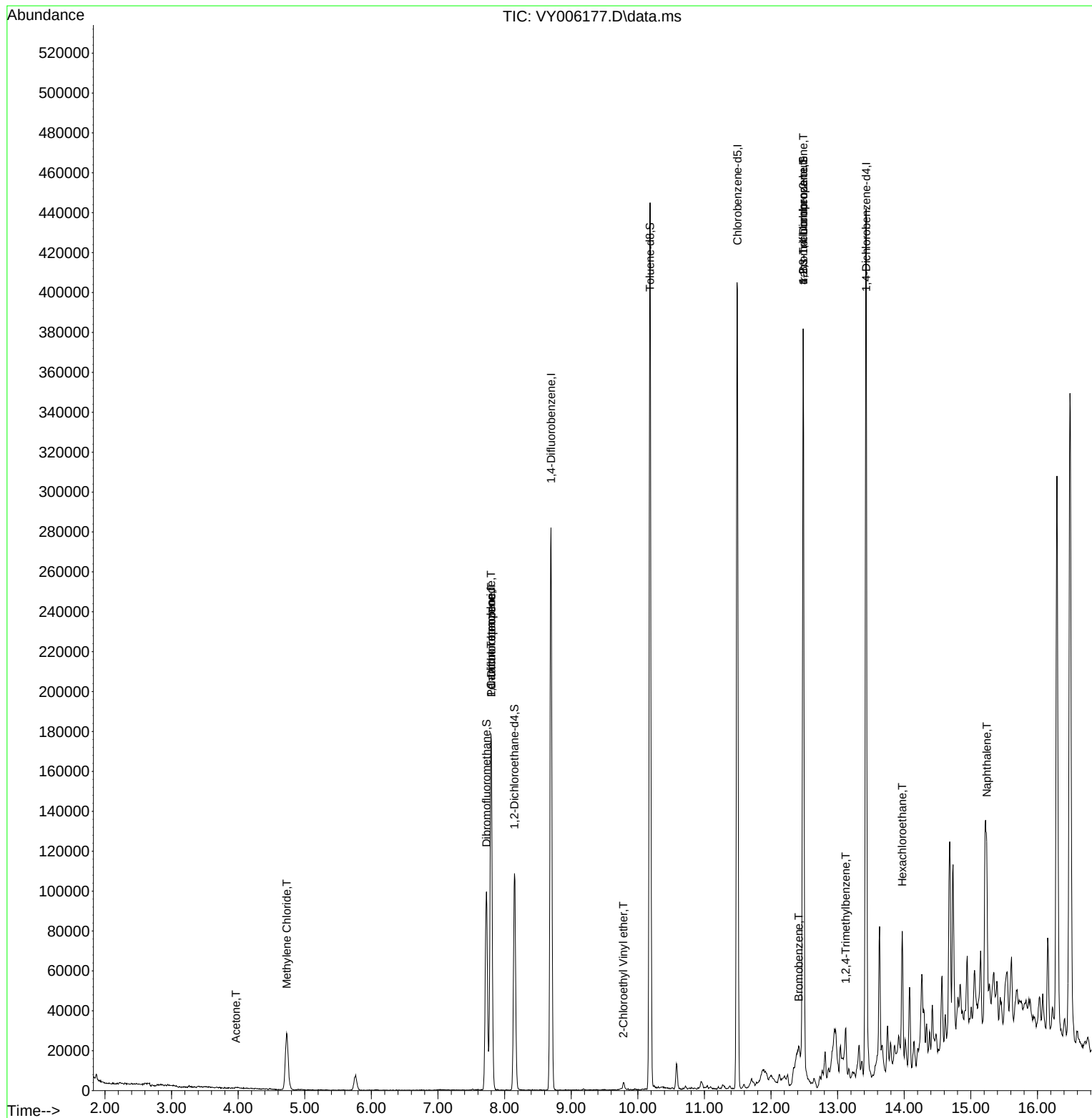
Internal Standards						
1) Pentafluorobenzene	7.801	168	141280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90622	46.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.360%		
35) Dibromofluoromethane	7.728	113	69537	48.165	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.340%		
50) Toluene-d8	10.185	98	281634	45.771	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.540%		
62) 4-Bromofluorobenzene	12.483	95	97669	46.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	77	Below Cal	#	77
16) Acetone	3.966	43	586	1.089	ug/l #	73
20) Methylene Chloride	4.729	84	20552	8.367	ug/l	94
36) 1,1-Dichloropropene	7.801	75	10591	4.222	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13696	5.015	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.782	63	1554	1.403	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	55120	48.164	ug/l #	100
77) Bromobenzene	12.416	156	13885	7.080	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	55120	88.550	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.123	105	9629	1.392	ug/l	97
90) Hexachloroethane	13.971	117	2340	1.706	ug/l #	6
95) Naphthalene	15.239	128	68062	15.871	ug/l	99

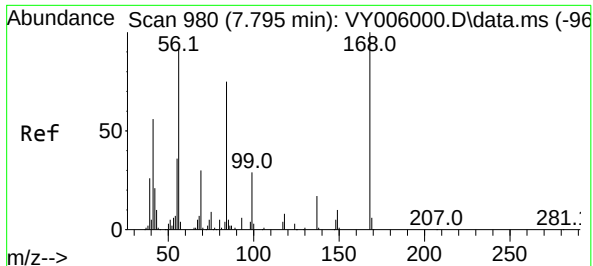
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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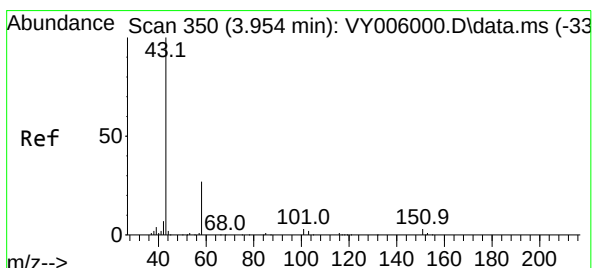
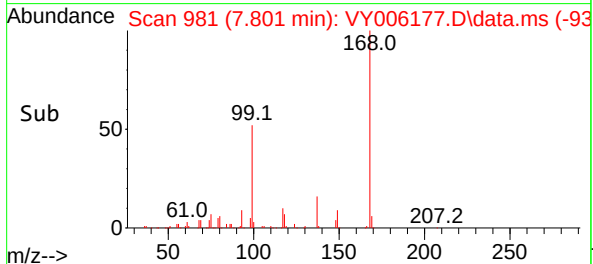
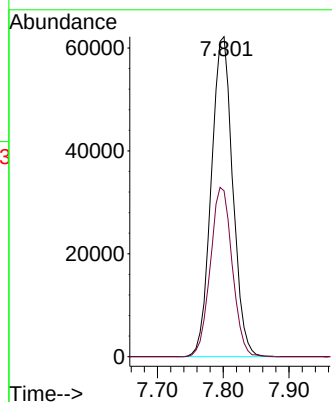
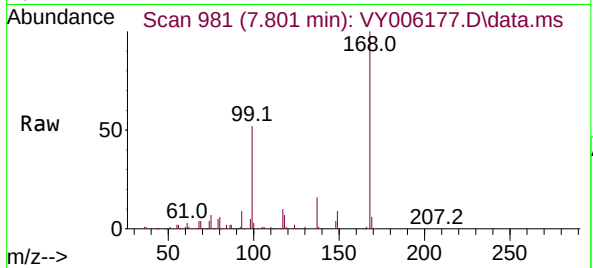




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

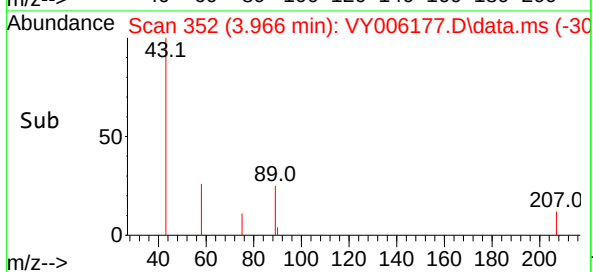
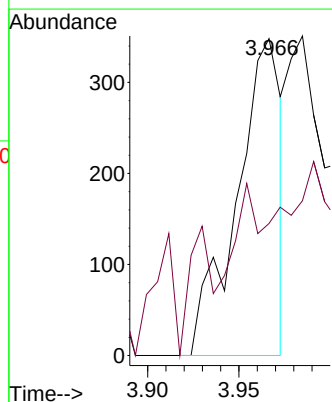
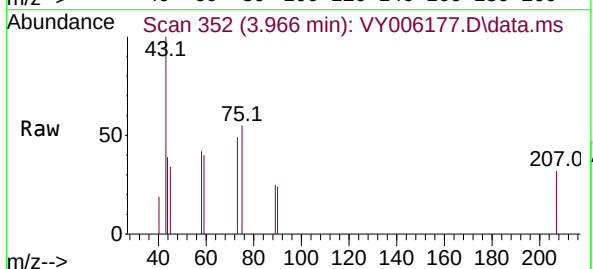
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

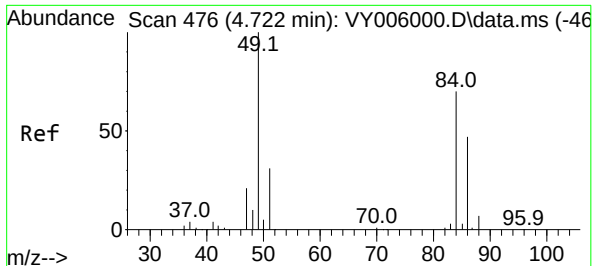
Tgt Ion:168 Resp: 141280
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#16
Acetone
Concen: 1.089 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 41.7 22.0 33.0#

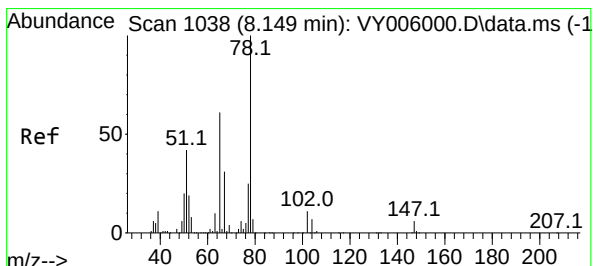
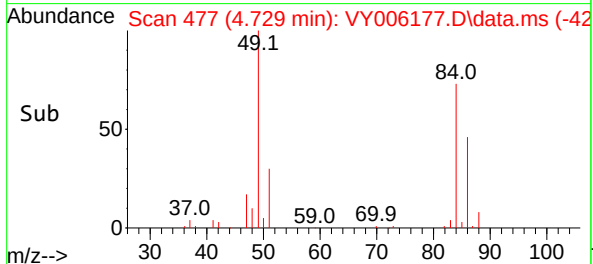
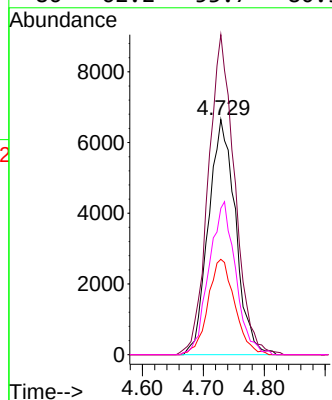
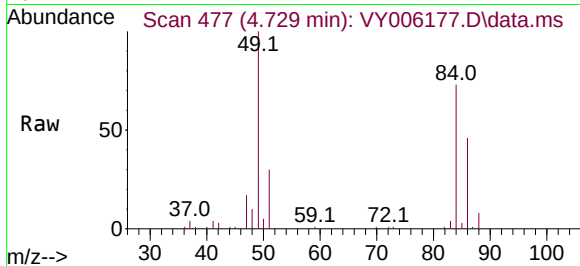




#20
Methylene Chloride
Concen: 8.367 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

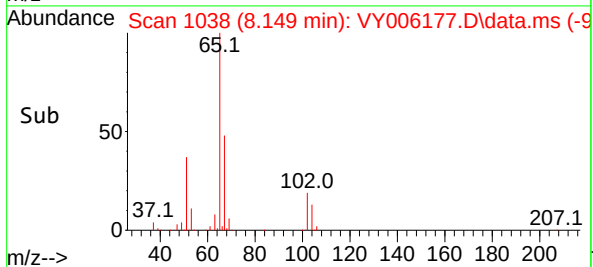
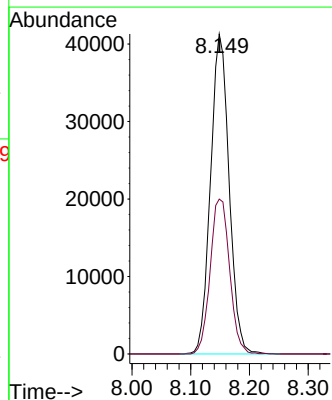
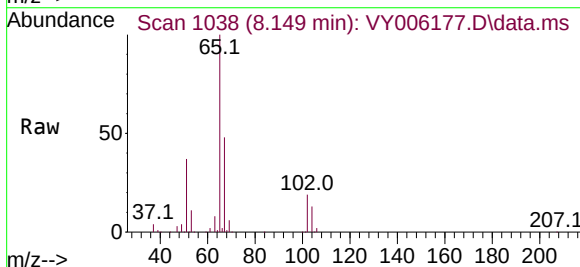
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

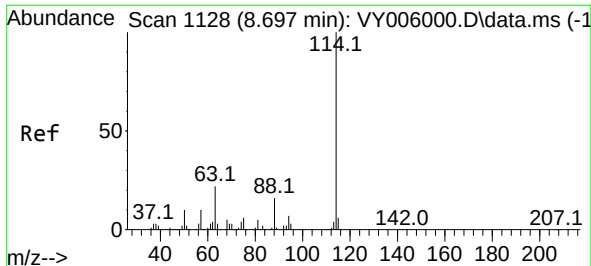
Tgt Ion:	84	Resp:	20552
Ion	Ratio	Lower	Upper
84	100		
49	135.2	114.4	171.6
51	40.5	35.3	52.9
86	62.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 46.178 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Tgt Ion:	65	Resp:	90622
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.4

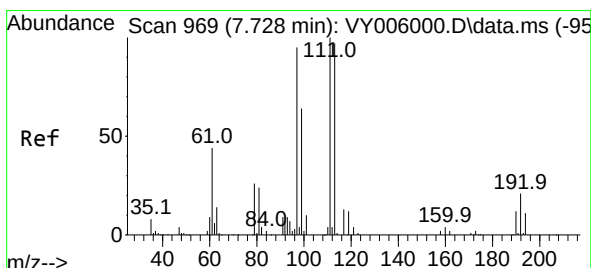
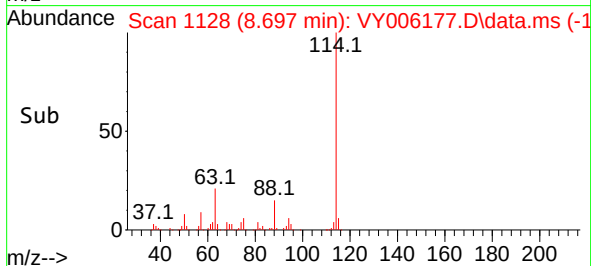
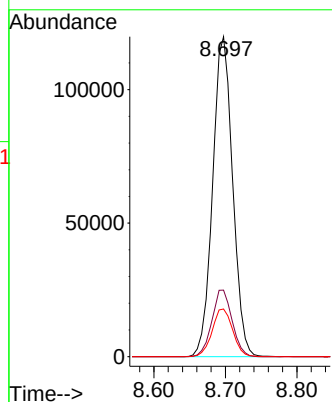
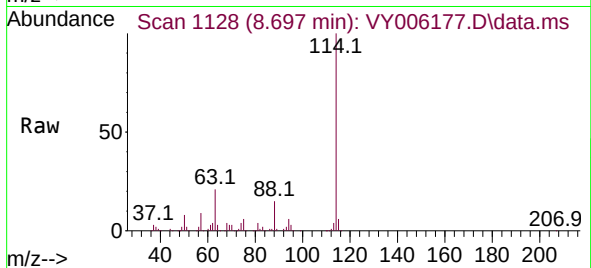




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

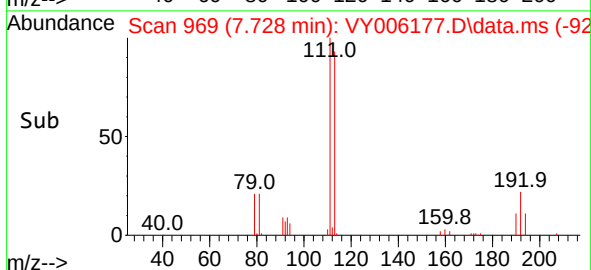
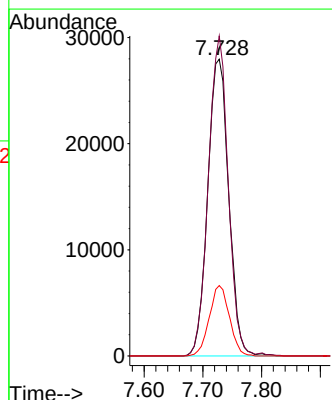
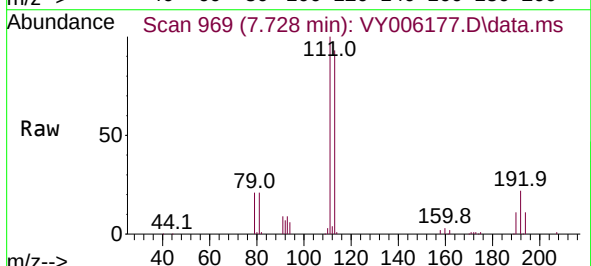
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

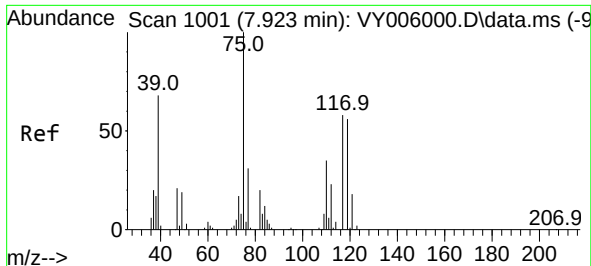
Tgt Ion:	114	Resp:	232438
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.165 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Tgt Ion:	113	Resp:	69537
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	22.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.222 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY006177.D

Acq: 27 Sep 2021 20:35

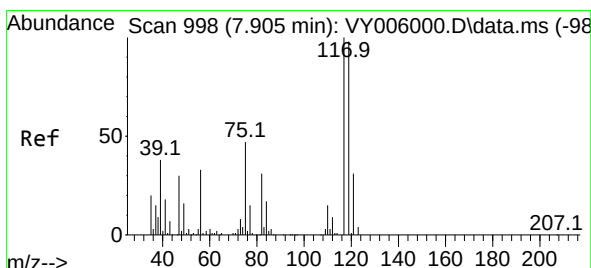
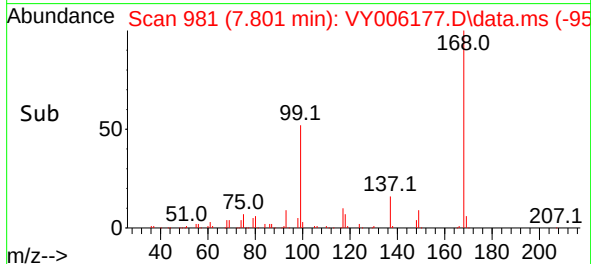
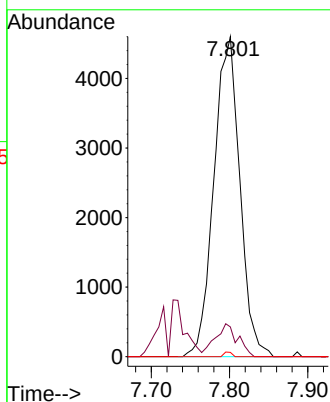
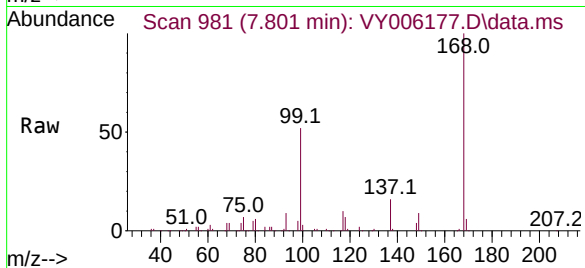
Instrument :

MSVOA_Y

ClientSampled :

VIBLK

Tgt Ion:	75	Resp:	10591
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.4	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.015 ug/l

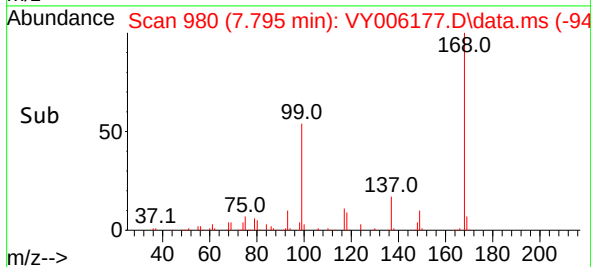
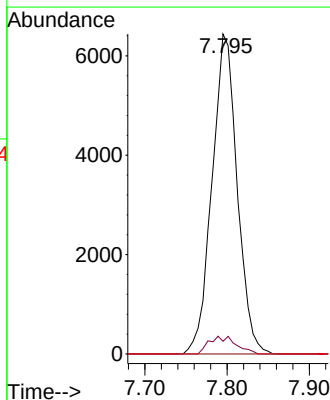
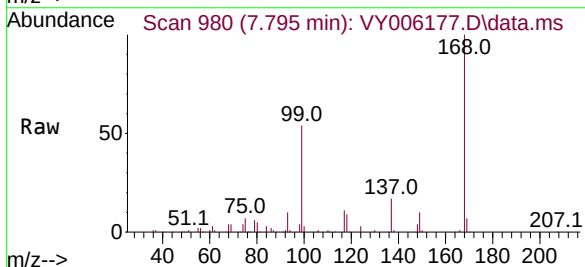
RT: 7.795 min Scan# 980

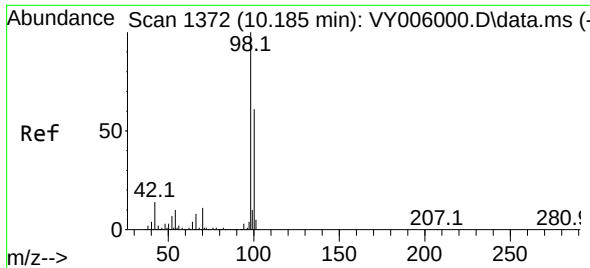
Delta R.T. -0.110 min

Lab File: VY006177.D

Acq: 27 Sep 2021 20:35

Tgt Ion:	117	Resp:	13696
Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.9	116.9#
121	0.0	24.8	37.2#

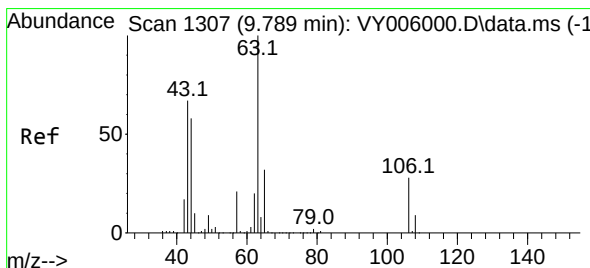
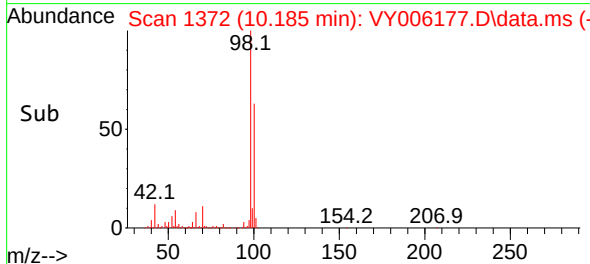
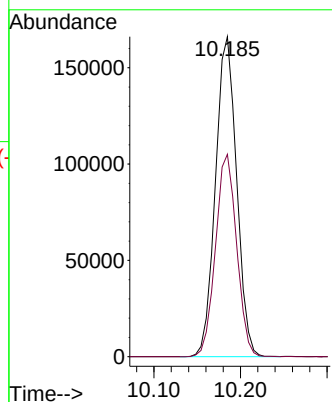
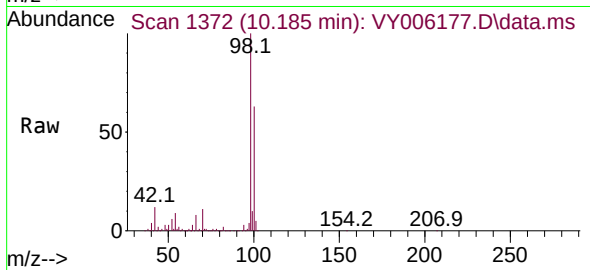




#50
Toluene-d8
Concen: 45.771 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

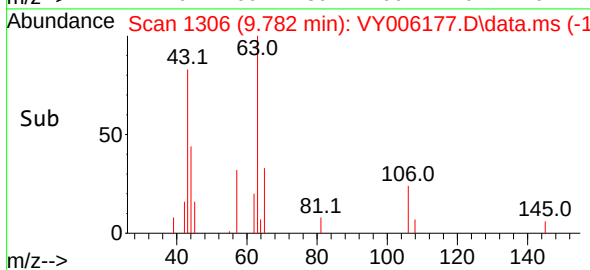
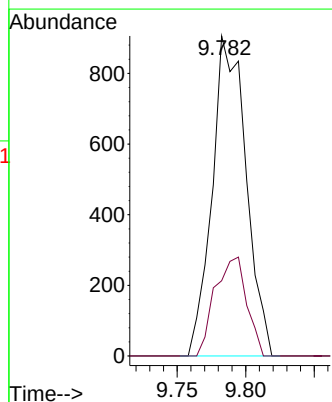
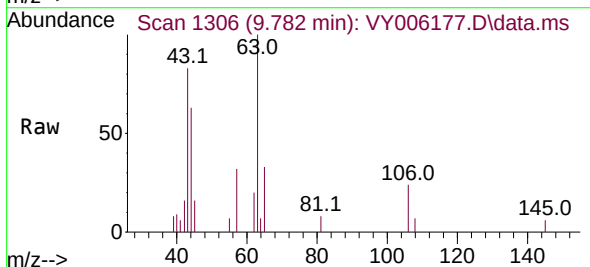
Instrument :
MSVOA_Y
ClientSampleId :
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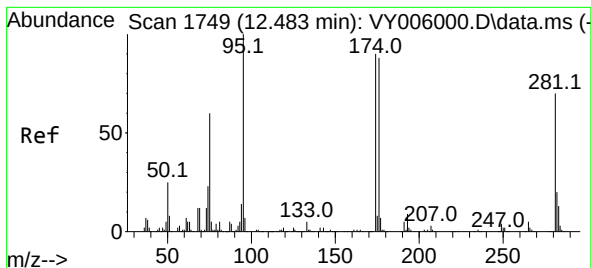
Tgt Ion: 98 Resp: 281634
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 1.403 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Tgt Ion: 63 Resp: 1554
Ion Ratio Lower Upper
63 100
106 29.0 21.5 32.3

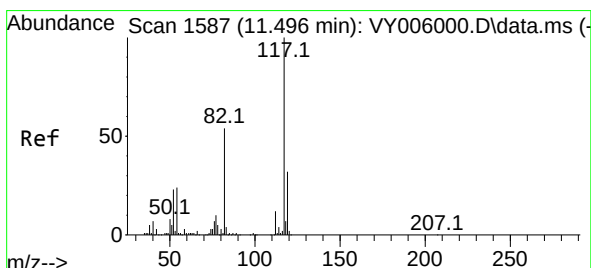
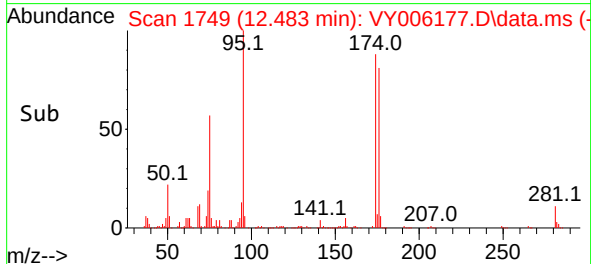
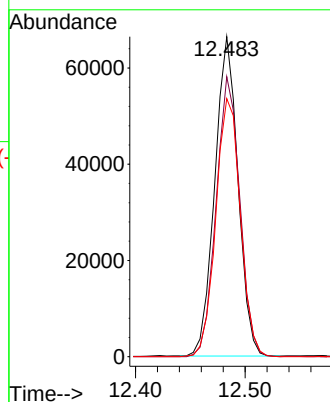
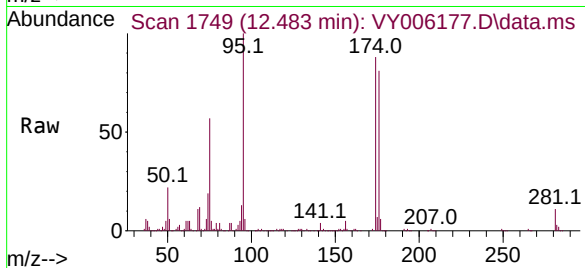




#62
4-Bromofluorobenzene
Concen: 46.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

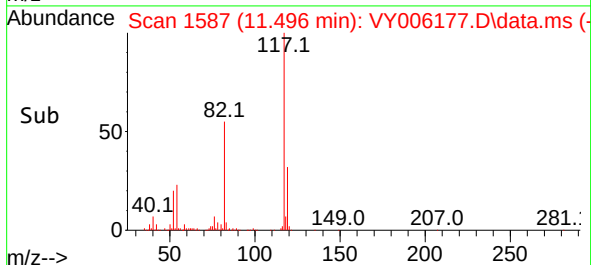
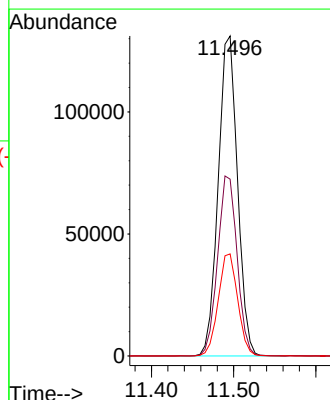
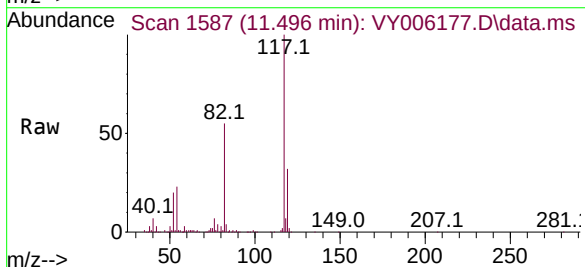
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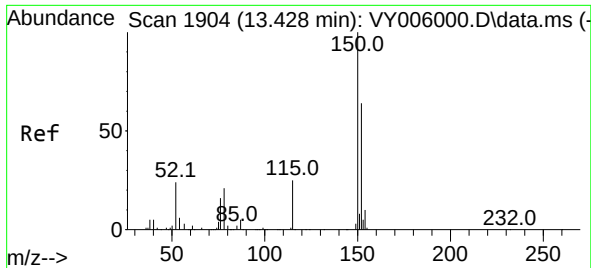
Tgt Ion: 95 Resp: 97669
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Tgt Ion: 117 Resp: 213882
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.9 25.4 38.0

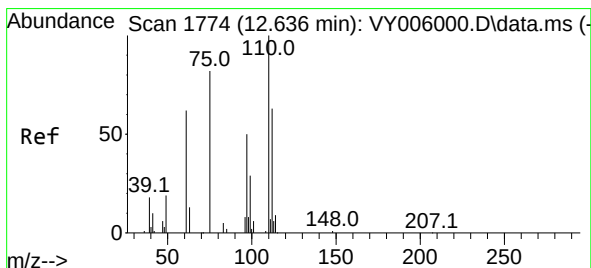
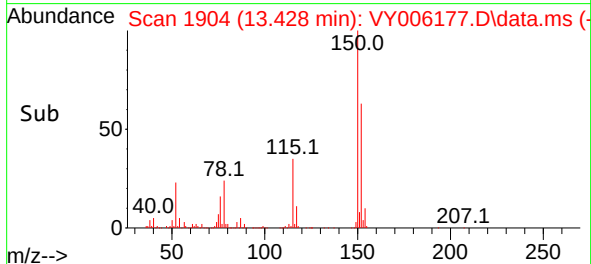
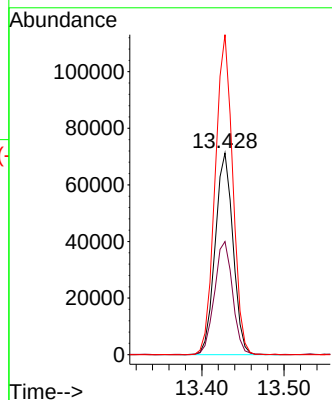
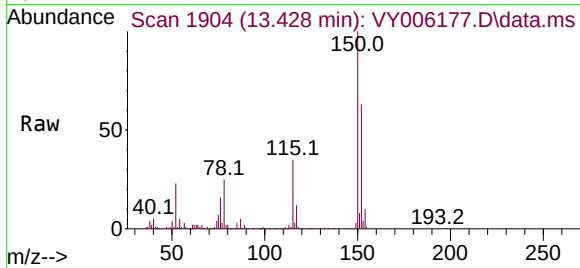




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006177.D
 Acq: 27 Sep 2021 20:35

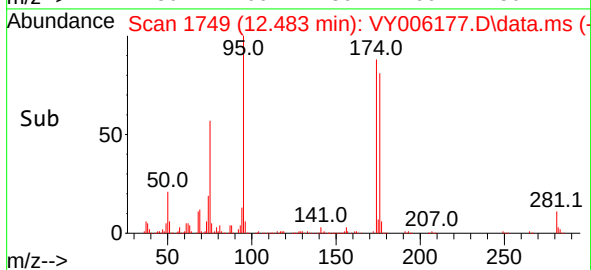
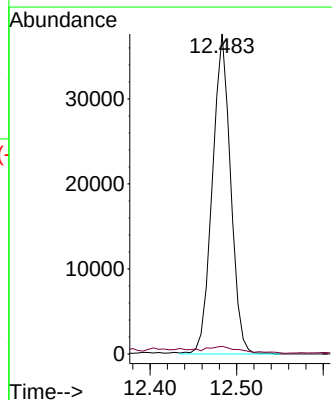
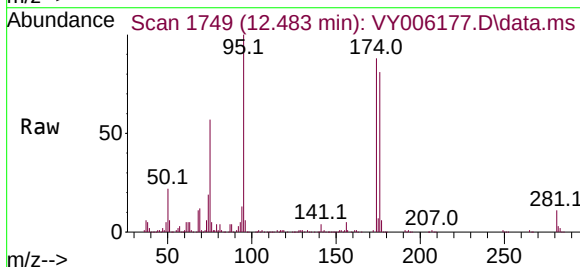
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

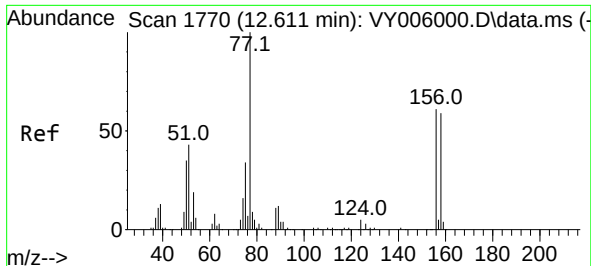
Tgt Ion:152 Resp: 107338
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.164 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006177.D
 Acq: 27 Sep 2021 20:35

Tgt Ion: 75 Resp: 55120
 Ion Ratio Lower Upper
 75 100
 77 3.8 0.0 0.0#

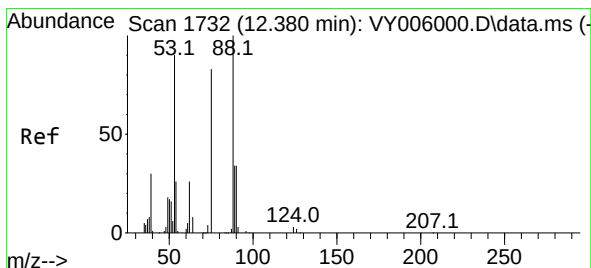
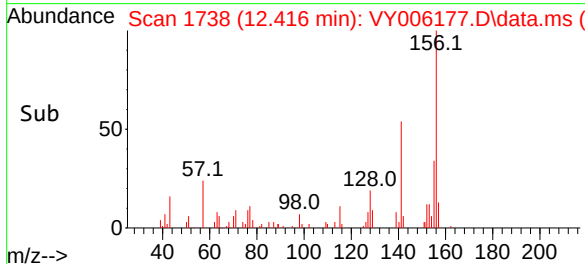
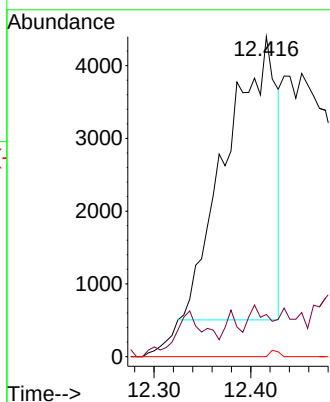
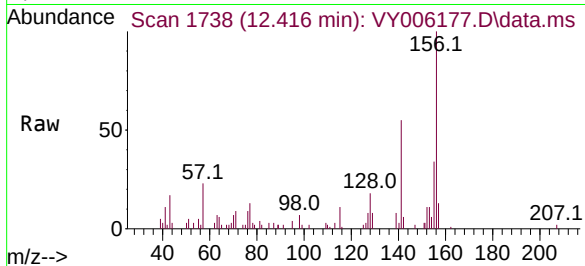




#77
Bromobenzene
Concen: 7.080 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. -0.195 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

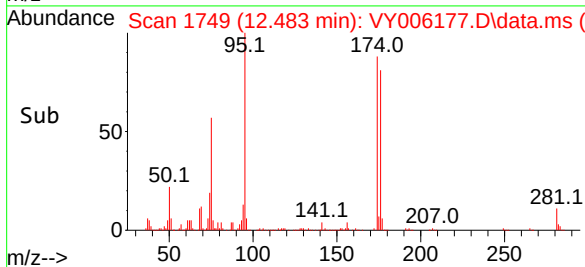
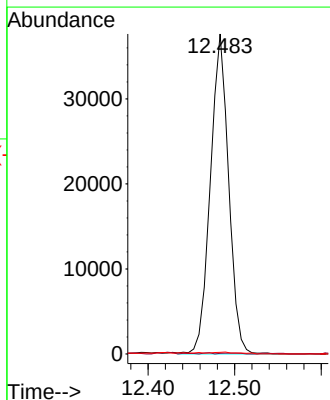
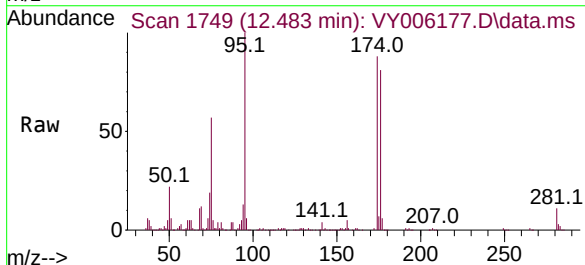
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

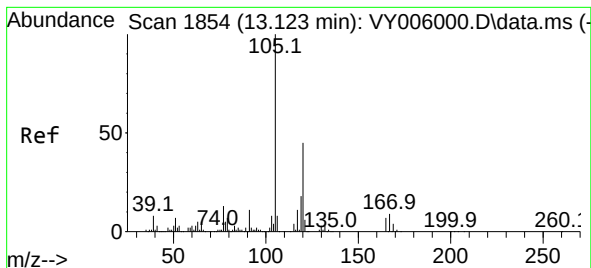
Tgt Ion:156 Resp: 13885
Ion Ratio Lower Upper
156 100
77 3.1 95.5 286.4#
158 0.4 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.550 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Tgt Ion: 75 Resp: 55120
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.8 37.0 55.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.392 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY006177.D

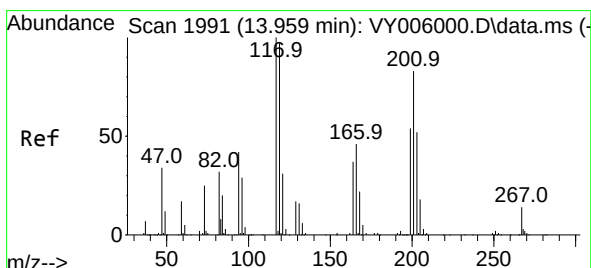
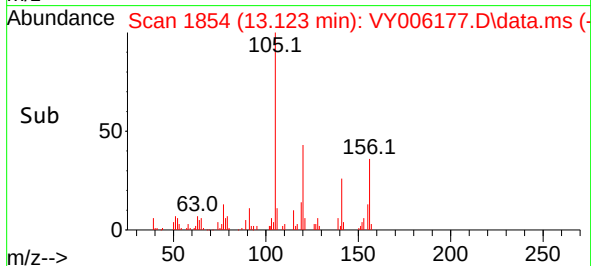
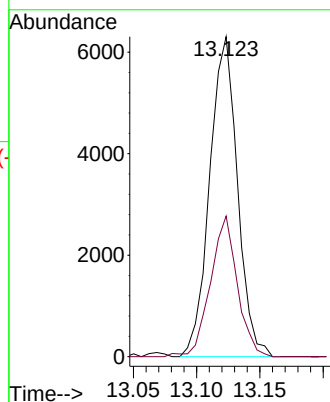
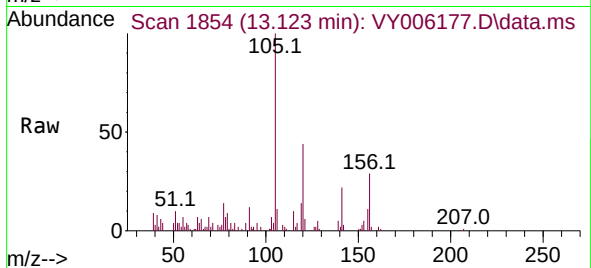
Acq: 27 Sep 2021 20:35

Tgt Ion:105 Resp: 9629

Ion Ratio Lower Upper

105 100

120 42.5 22.3 66.9



#90

Hexachloroethane

Concen: 1.706 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY006177.D

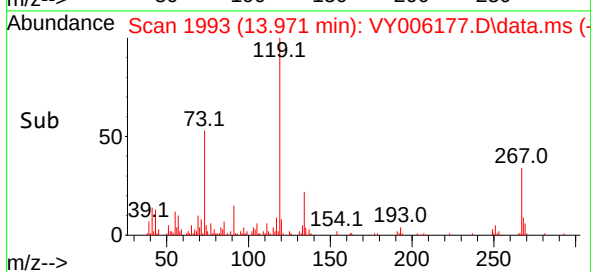
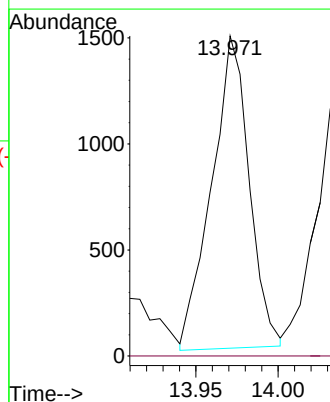
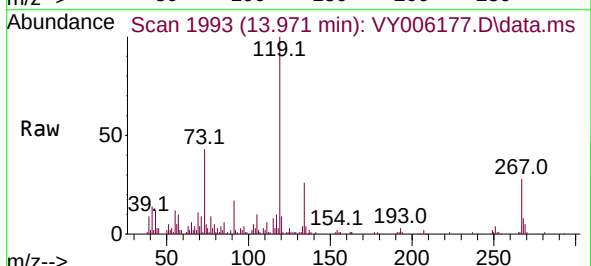
Acq: 27 Sep 2021 20:35

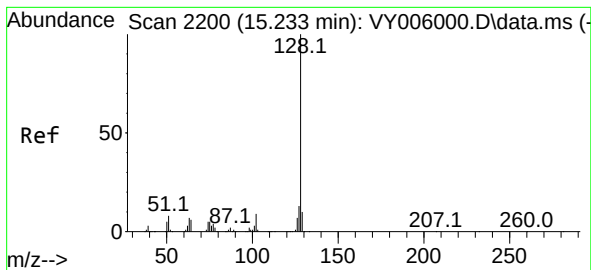
Tgt Ion:117 Resp: 2340

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#





#95
Naphthalene
Concen: 15.871 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006177.D
Acq: 27 Sep 2021 20:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 68062
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.4
129 10.8 8.4 12.6

