

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006577.D
 Acq On : 02 Nov 2021 15:27
 Operator : SY/MD
 Sample : M4424-06RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:50:39 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)

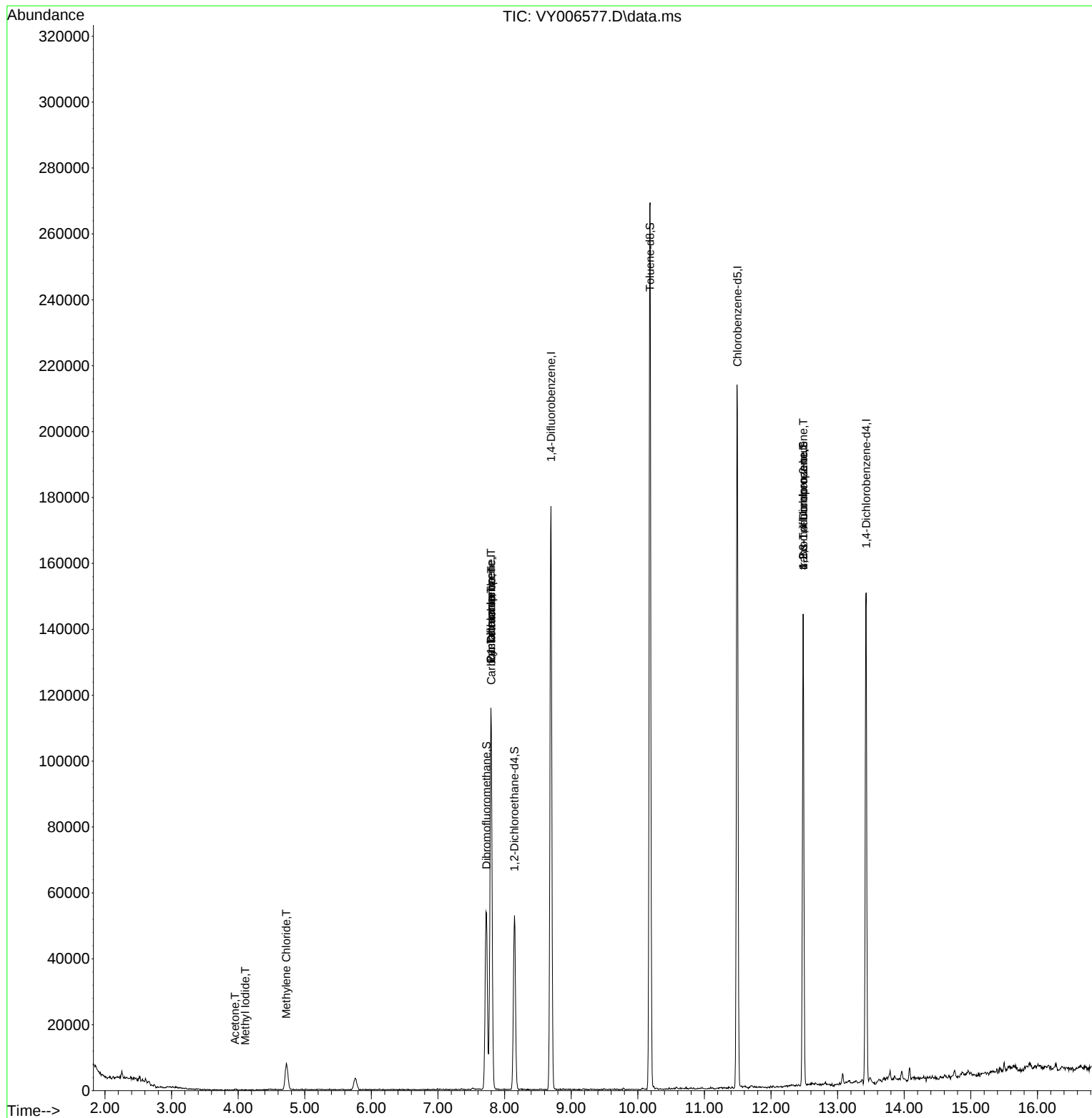
Internal Standards						
1) Pentafluorobenzene	7.795	168	85177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	106626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	42226	40.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.580%
35) Dibromofluoromethane	7.728	113	38059	50.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.185	98	170080	53.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.483	95	40598	37.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.220%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.106	142	190	5.263	ug/l #	36
16) Acetone	3.954	43	554	1.836	ug/l	93
20) Methylene Chloride	4.722	84	5198	1.653	ug/l	90
31) Cyclohexane	7.795	56	2305	1.358	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	7290	5.440	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8580	5.804	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	22725	61.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22725	127.156	ug/l #	7

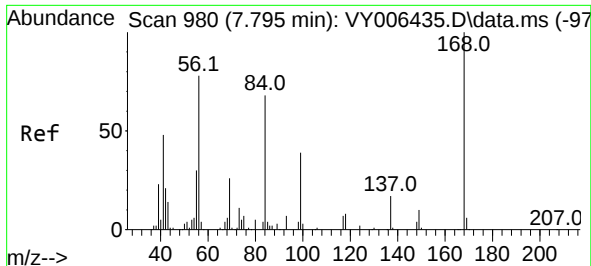
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_N
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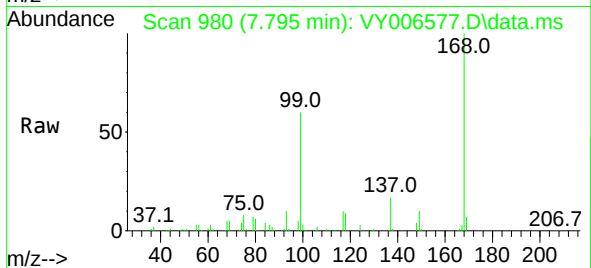
Quant Time: Nov 03 01:50:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



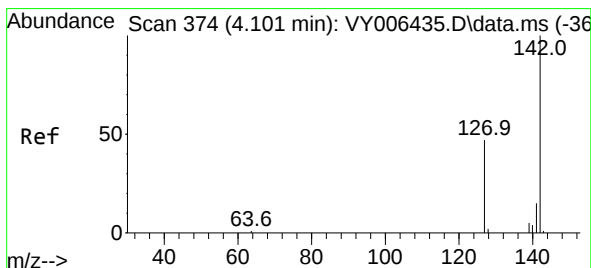
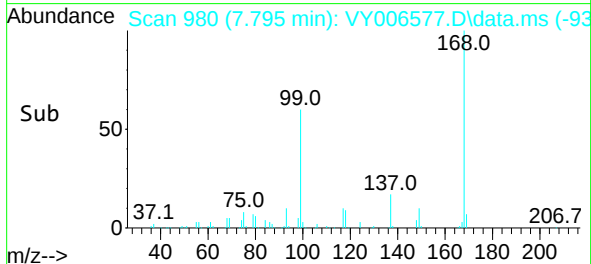
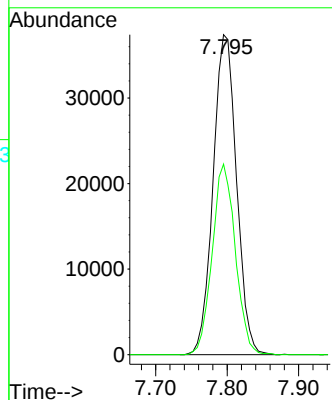


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

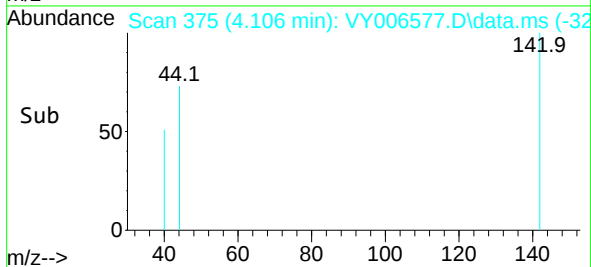
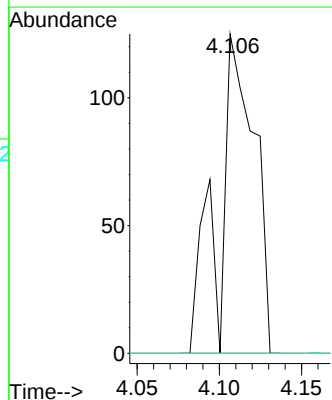
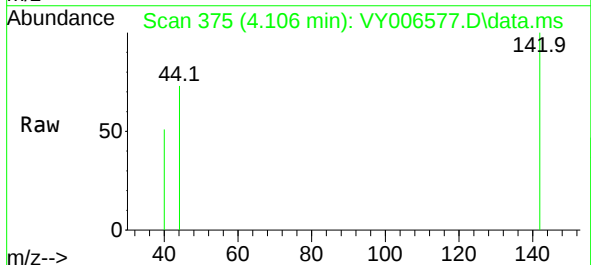


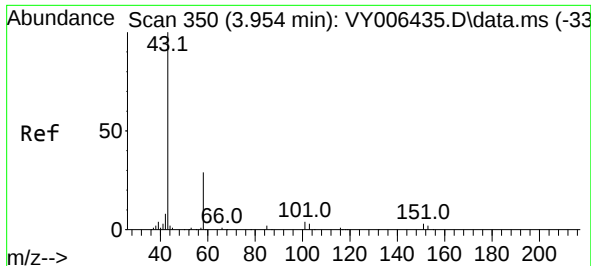
Tgt Ion:168 Resp: 85177
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.263 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.005 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion:142 Resp: 190
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

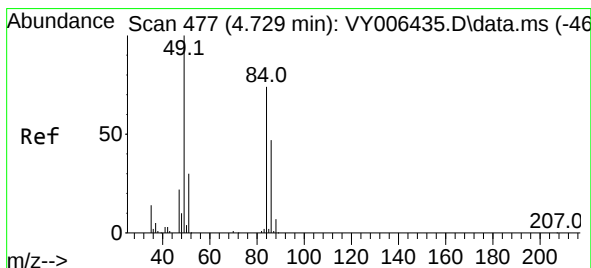
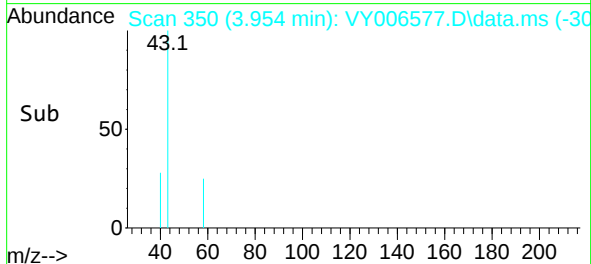
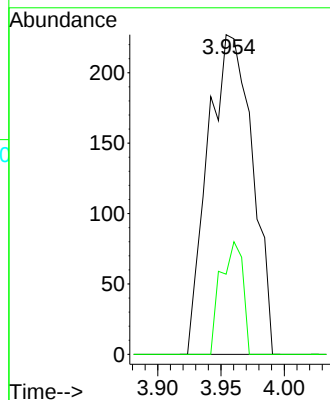
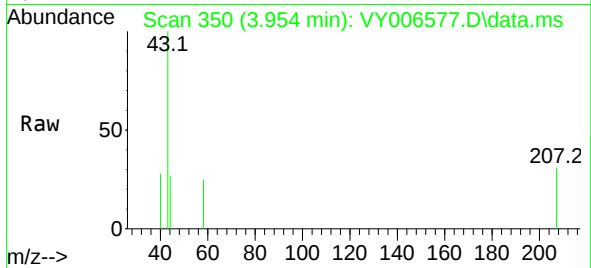




#16
Acetone
Concen: 1.836 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

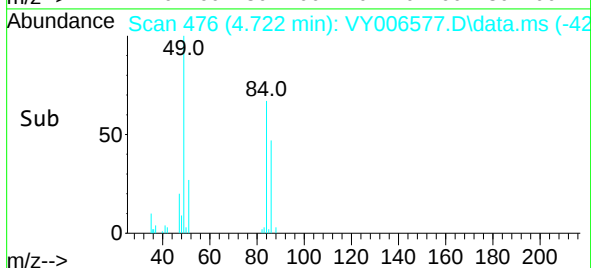
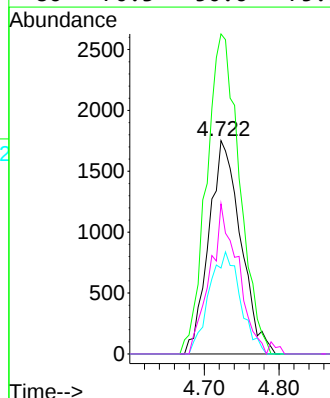
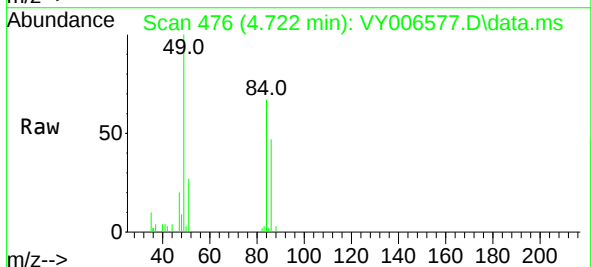
Instrument :
MSVOA_N
ClientSampleId :

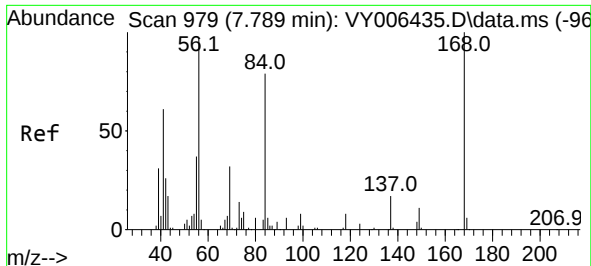
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 25.1 22.9 34.3



#20
Methylene Chloride
Concen: 1.653 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

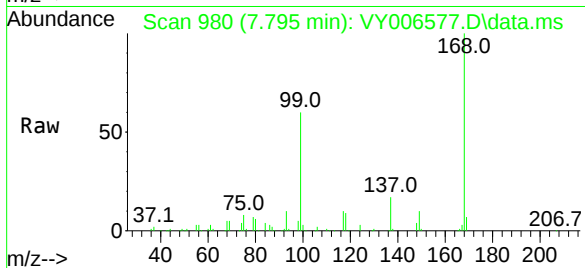
Tgt Ion: 84 Resp: 5198
Ion Ratio Lower Upper
84 100
49 150.0 107.8 161.8
51 40.3 32.8 49.2
86 70.3 50.6 75.8



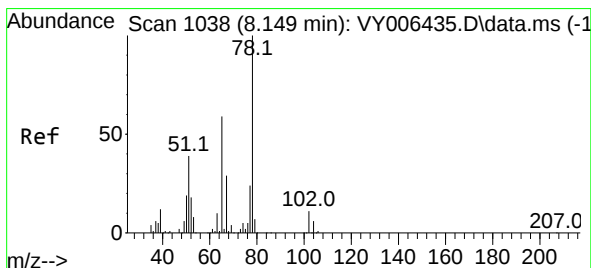
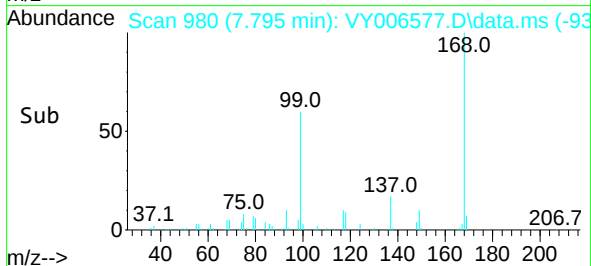
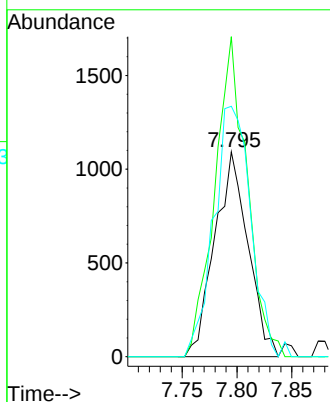


#31
Cyclohexane
Concen: 1.358 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

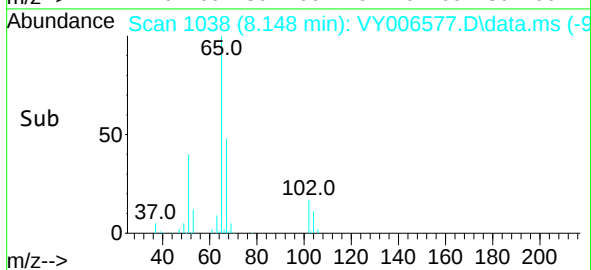
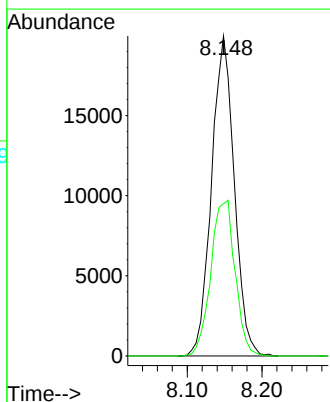
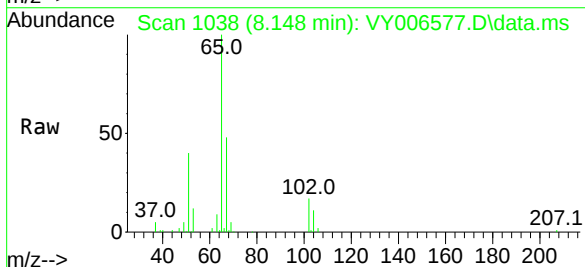


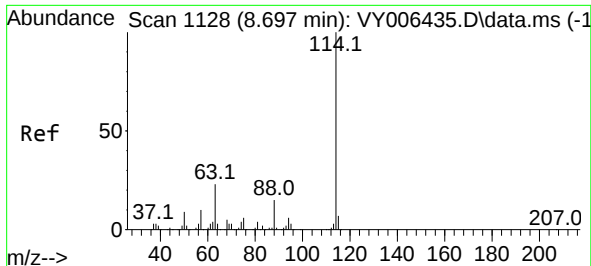
Tgt Ion: 56 Resp: 2305
Ion Ratio Lower Upper
56 100
69 156.2 26.6 40.0#
84 122.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 40.286 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

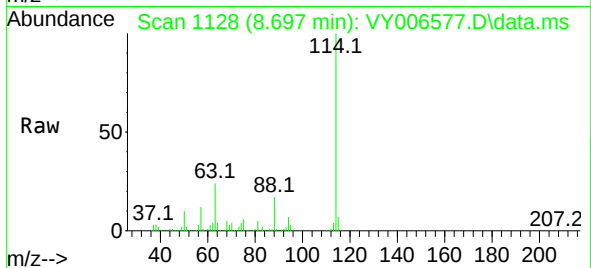
Tgt Ion: 65 Resp: 42226
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.2



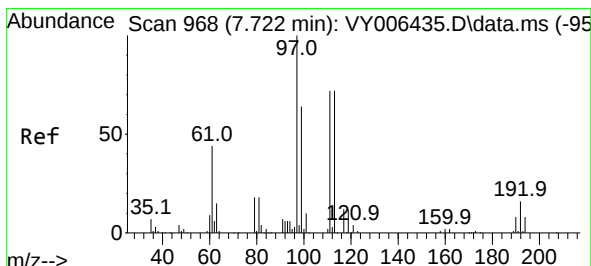
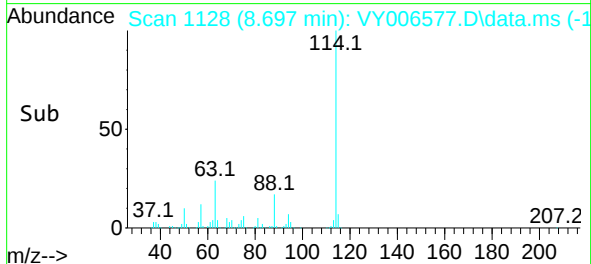
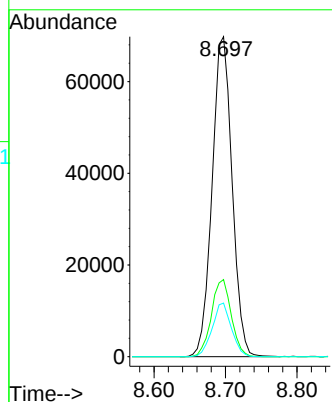


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

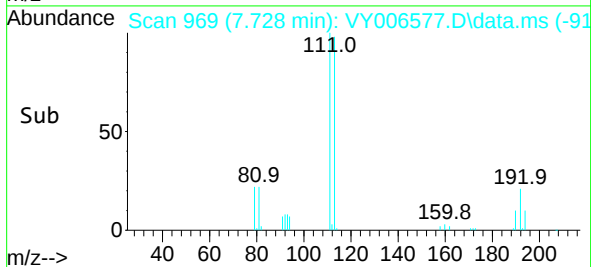
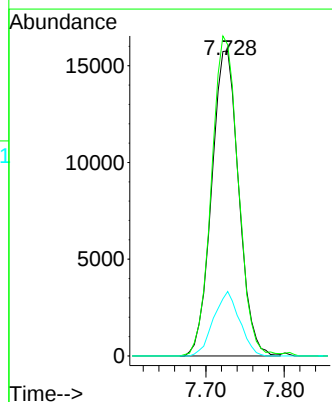
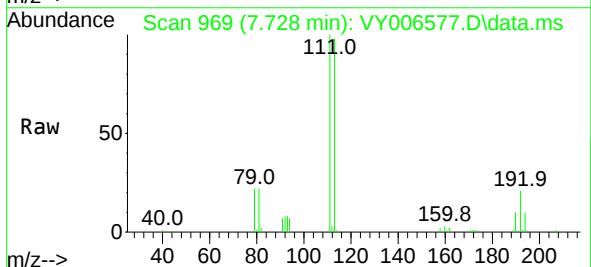


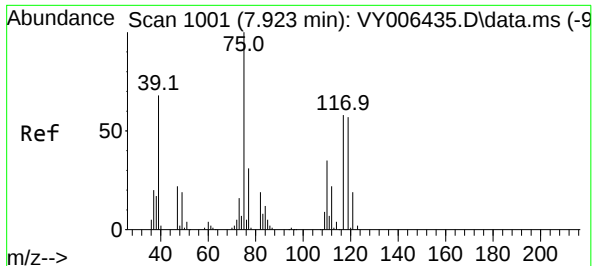
Tgt Ion:114 Resp: 135619
Ion Ratio Lower Upper
114 100
63 24.1 0.0 45.0
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.349 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion:113 Resp: 38059
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.440 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

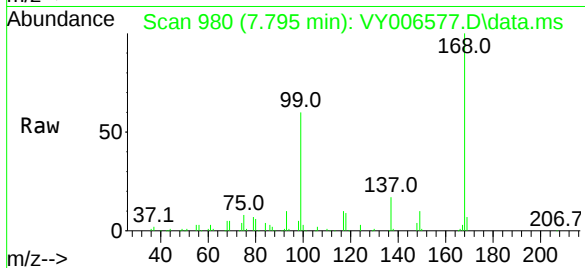
Lab File: VY006577.D

Acq: 02 Nov 2021 15:27

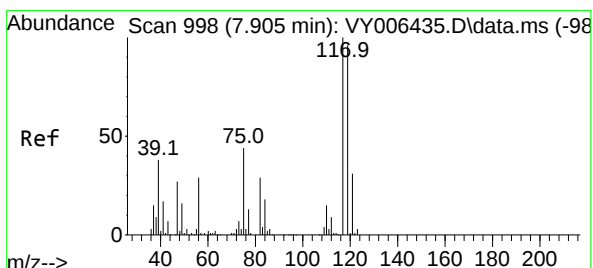
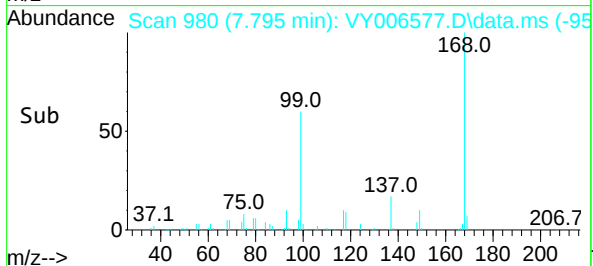
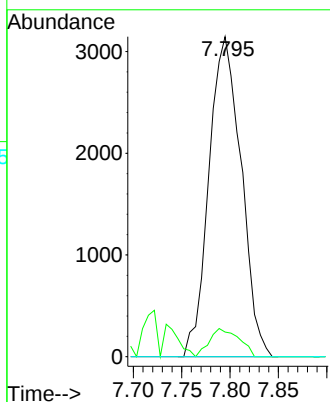
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp:	7290
Ion Ratio	Lower	Upper
75	100	
110	8.1	17.1 51.3#
77	0.0	24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.804 ug/l

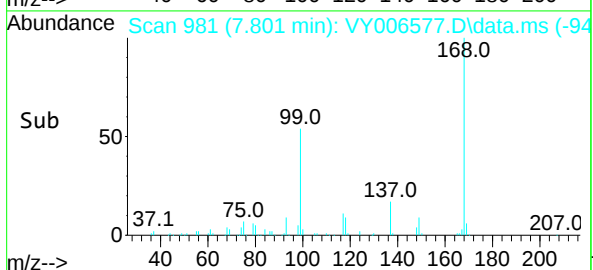
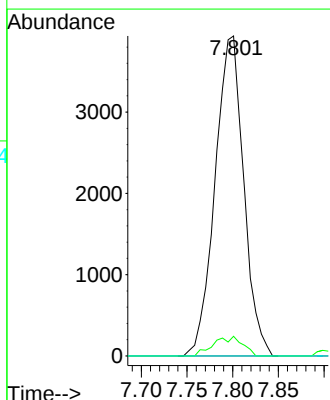
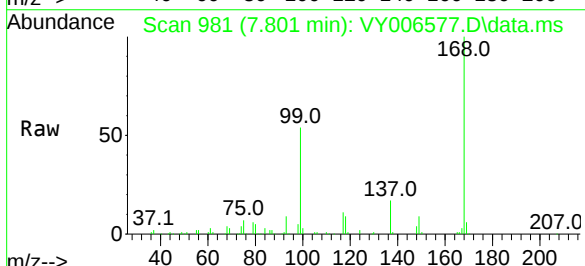
RT: 7.801 min Scan# 981

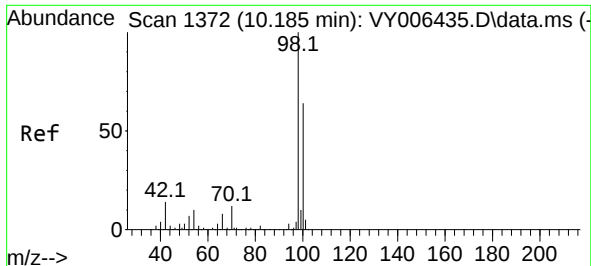
Delta R.T. -0.104 min

Lab File: VY006577.D

Acq: 02 Nov 2021 15:27

Tgt Ion: 117	Resp:	8580
Ion Ratio	Lower	Upper
117	100	
119	6.1	76.6 115.0#
121	0.0	24.7 37.1#

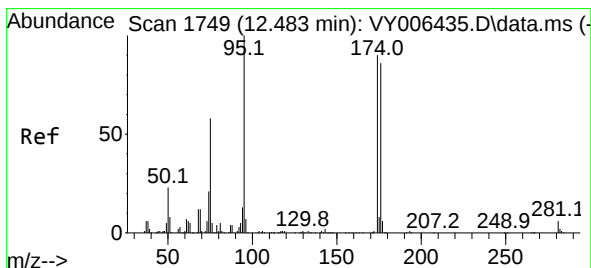
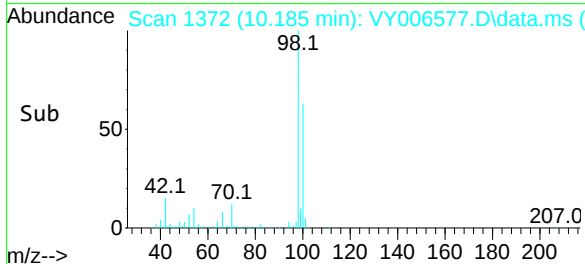
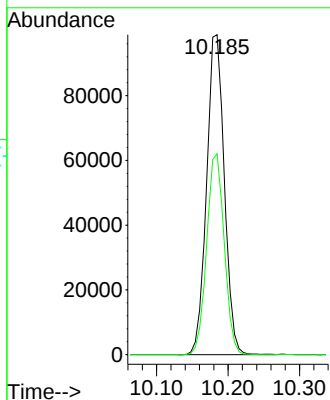
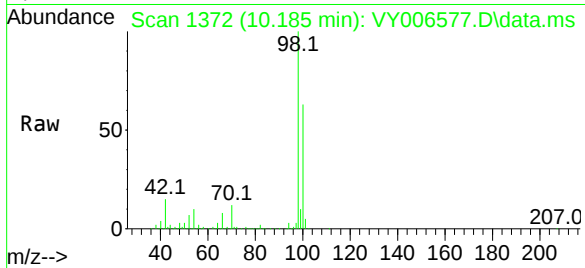




#50
Toluene-d8
Concen: 53.077 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

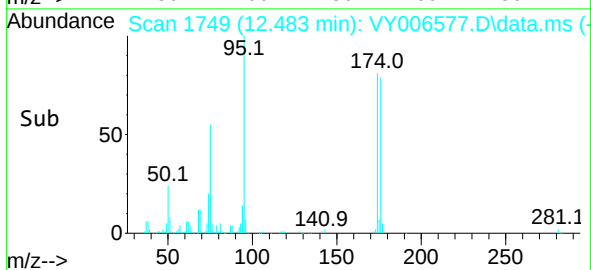
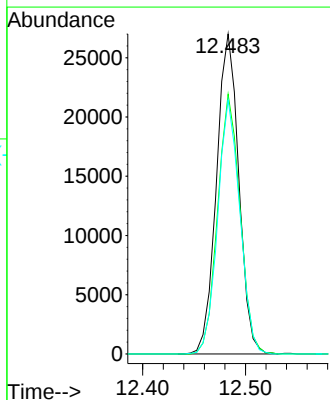
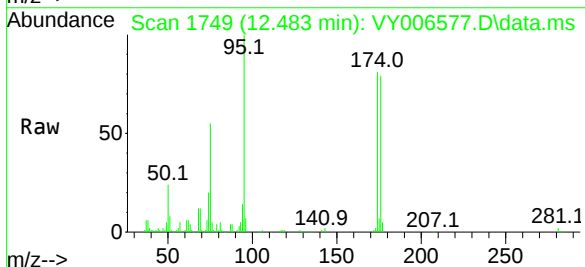
Instrument :
MSVOA_N
ClientSampleId :

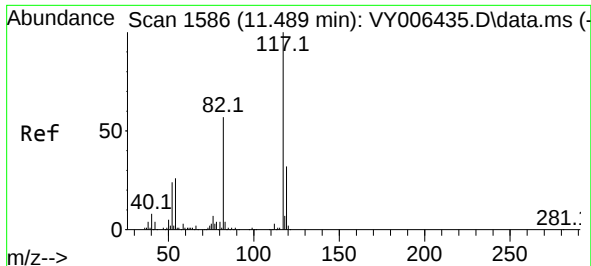
Tgt Ion: 98 Resp: 170080
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion: 95 Resp: 40598
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 78.7 0.0 169.4

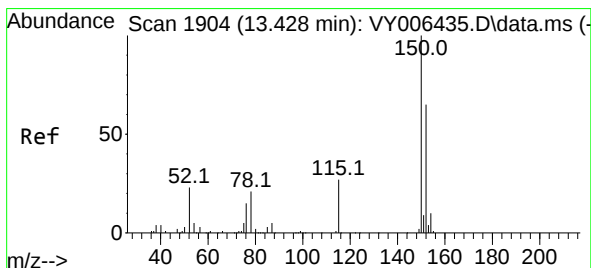
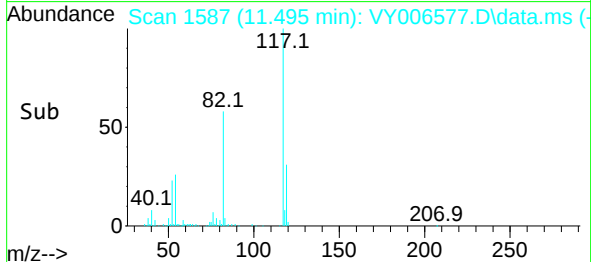
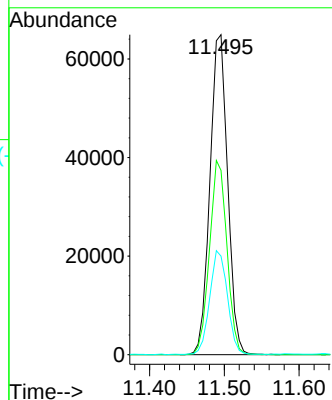
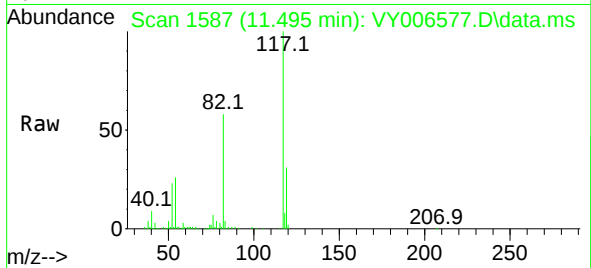




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

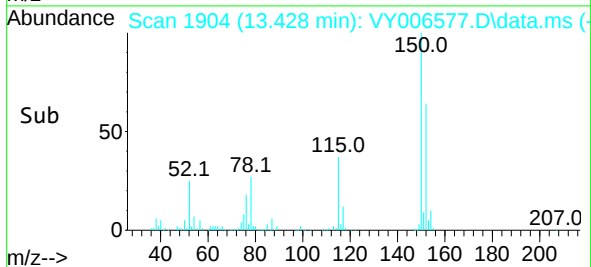
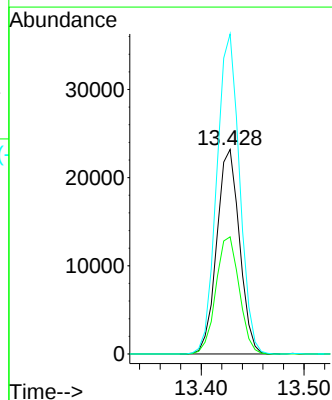
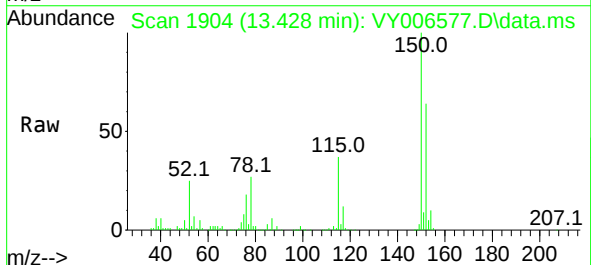
Instrument :
MSVOA_N
ClientSampleId :

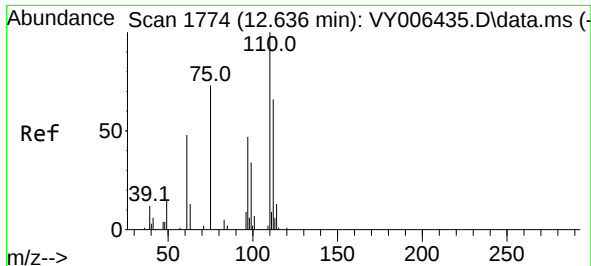
Tgt Ion:117 Resp: 106626
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion:152 Resp: 35605
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.5
150 156.7 0.0 348.2

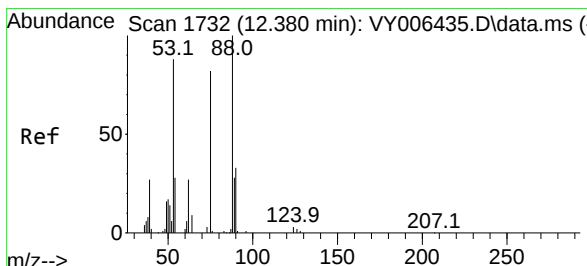
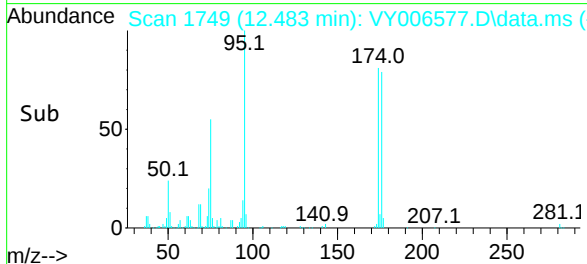
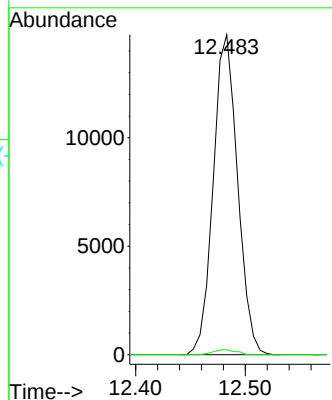
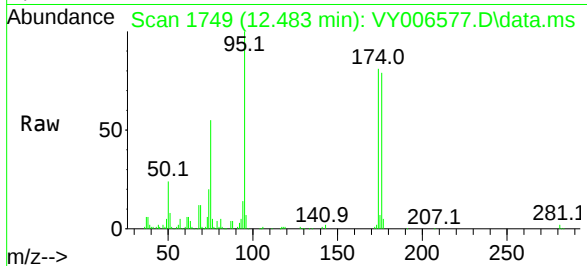




#76
1,2,3-Trichloropropane
Concen: 61.938 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 22725
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006577.D
Acq: 02 Nov 2021 15:27

Tgt Ion: 75 Resp: 22725
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.0 39.3 58.9#

