

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006578.D
 Acq On : 02 Nov 2021 15:50
 Operator : SY/MD
 Sample : M4424-07
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:50:47 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)

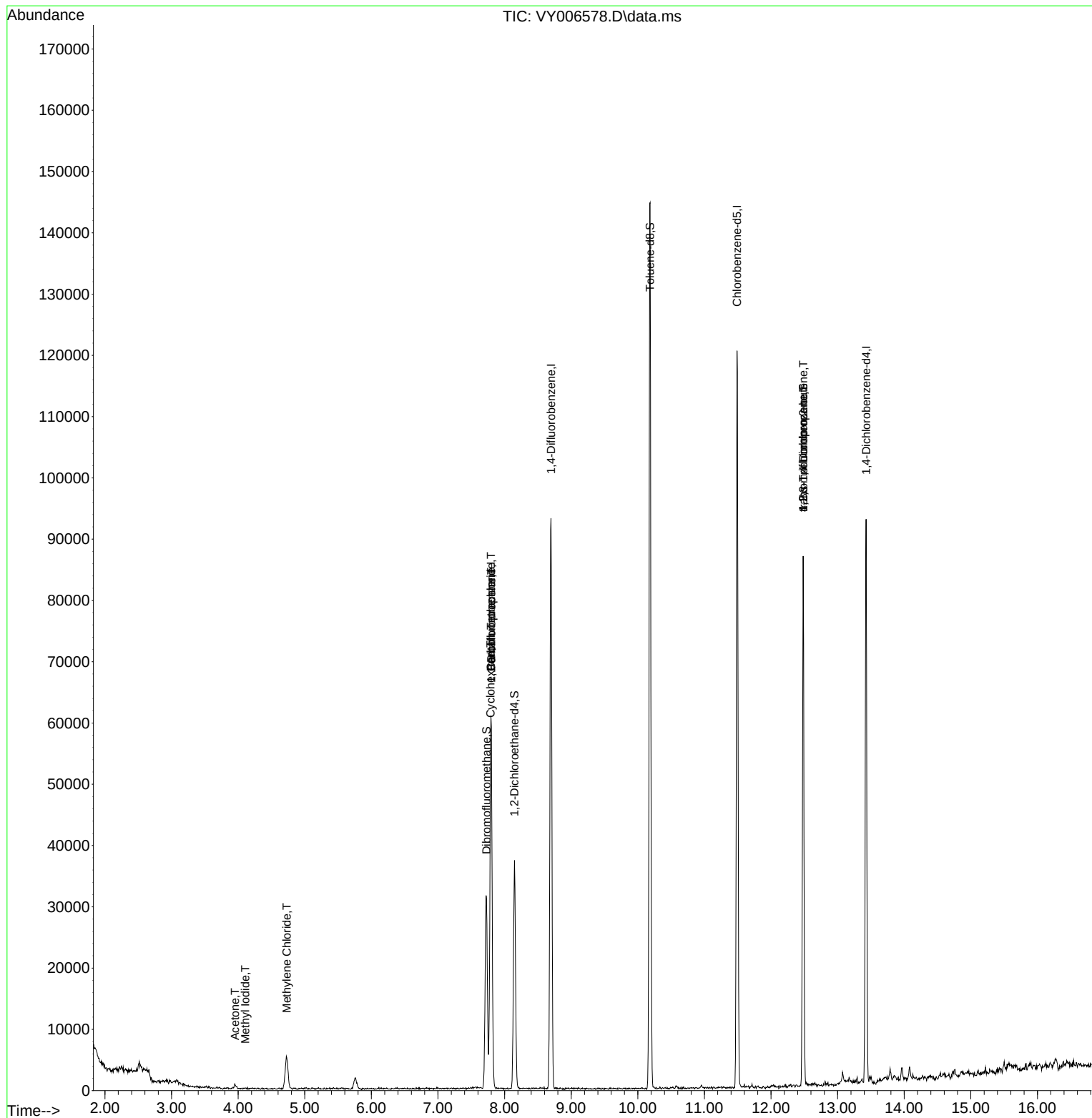
Internal Standards						
1) Pentafluorobenzene	7.795	168	45525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	72916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	60386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29369	52.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.840%	
35) Dibromofluoromethane	7.728	113	22020	54.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.185	98	92488	53.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.483	95	24216	41.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.460%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	123	5.306	ug/l #	36
16) Acetone	3.954	43	1062	6.584	ug/l #	78
20) Methylene Chloride	4.728	84	3499	3.218	ug/l	92
31) Cyclohexane	7.789	56	1141	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	4093	5.681	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4788	6.024	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	13573	60.202	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13573	123.593	ug/l #	7

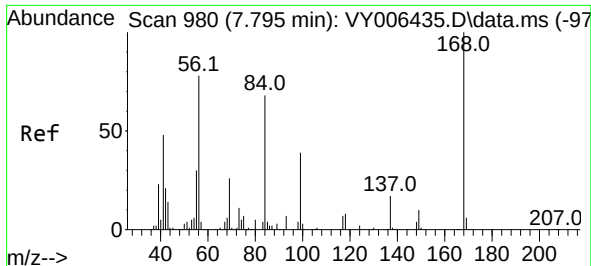
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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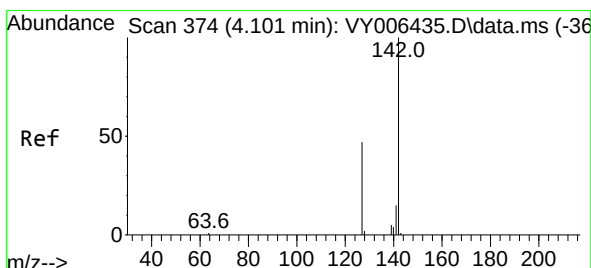
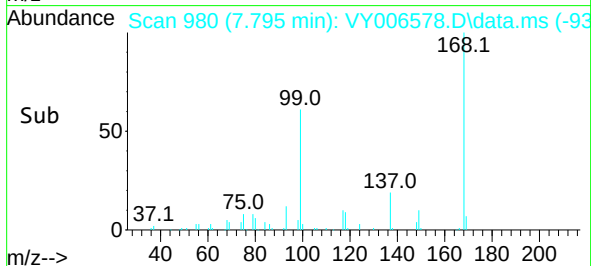
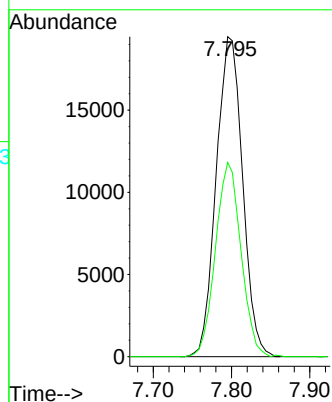
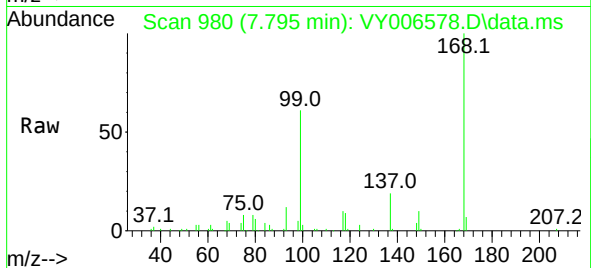




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

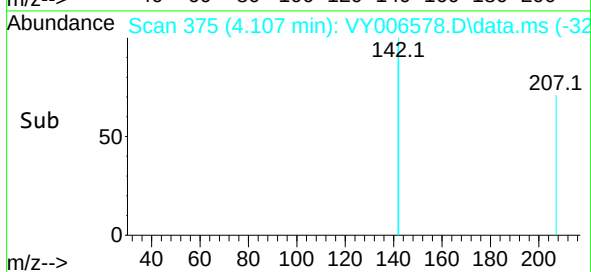
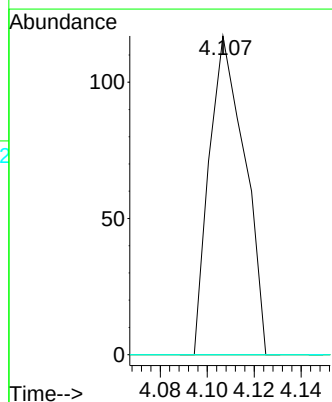
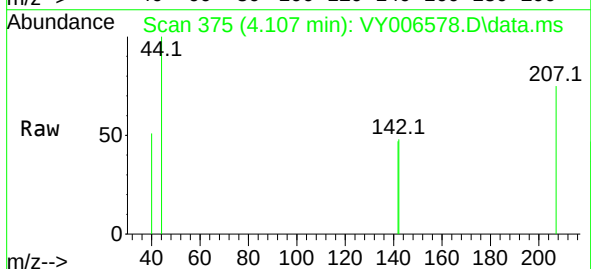
Instrument :
MSVOA_N
ClientSampleId :

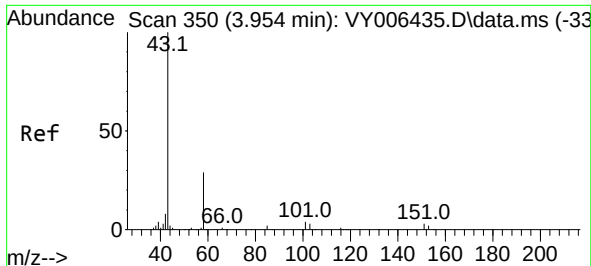
Tgt Ion:168 Resp: 45525
Ion Ratio Lower Upper
168 100
99 60.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.306 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

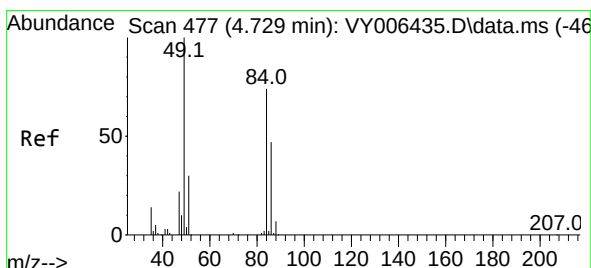
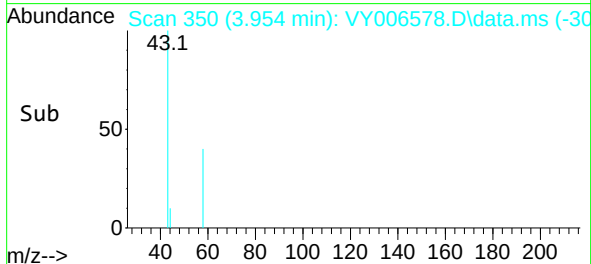
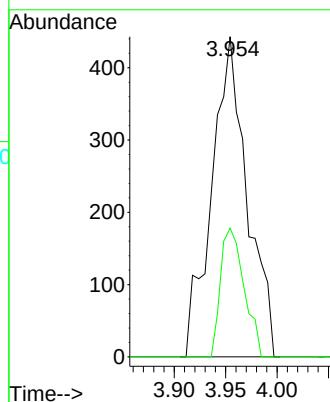
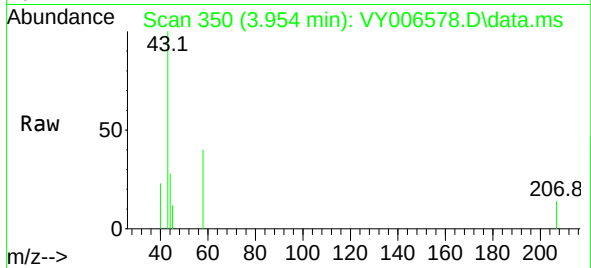




#16
Acetone
Concen: 6.584 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

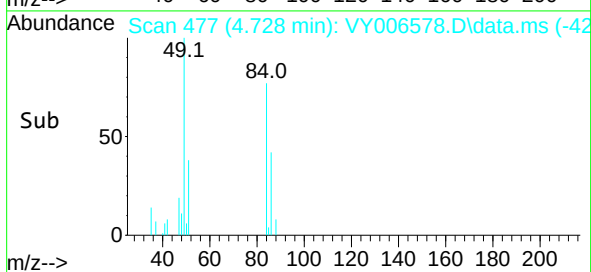
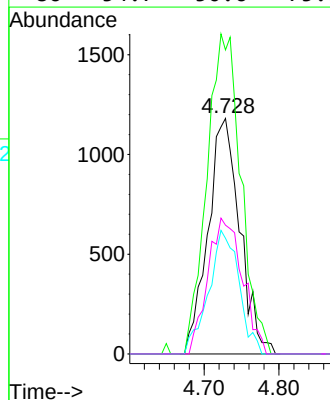
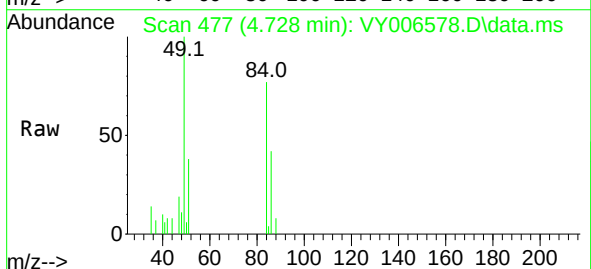
Instrument :
MSVOA_N
ClientSampleId :

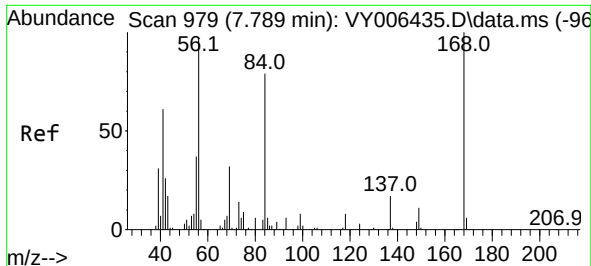
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 40.2 22.9 34.3#



#20
Methylene Chloride
Concen: 3.218 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

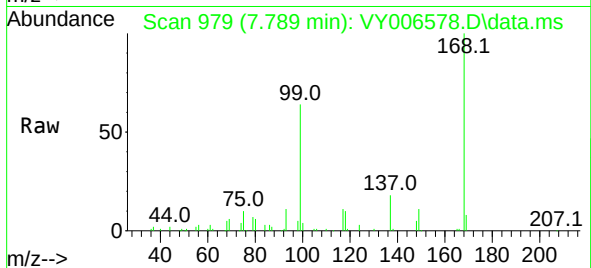
Tgt Ion: 84 Resp: 3499
Ion Ratio Lower Upper
84 100
49 129.0 107.8 161.8
51 49.1 32.8 49.2
86 54.7 50.6 75.8



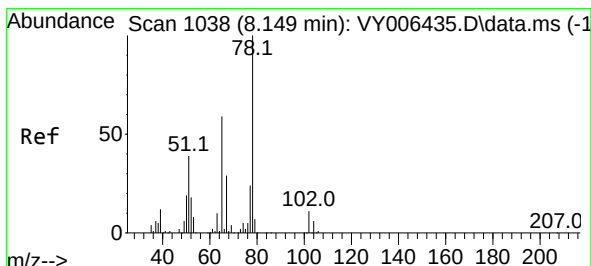
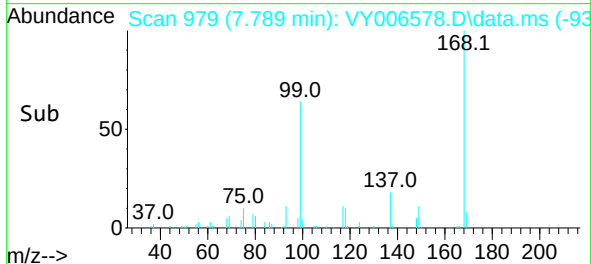
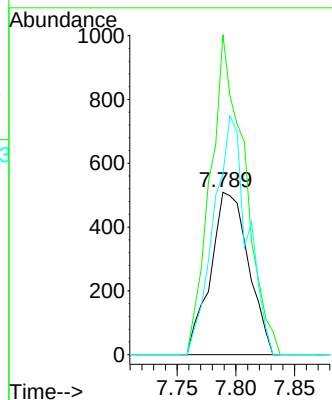


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Instrument :
MSVOA_N
ClientSampleId :

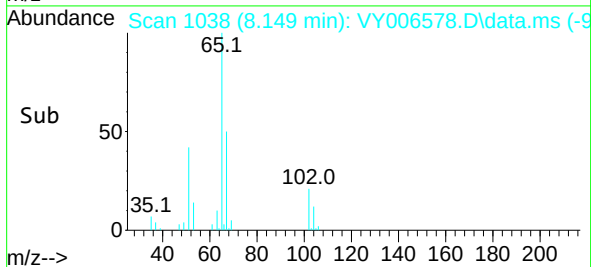
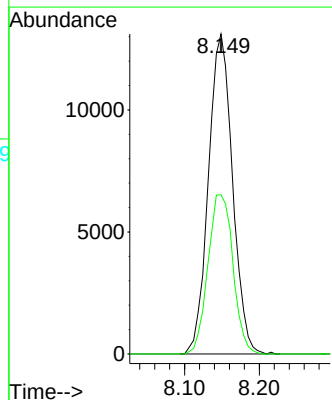
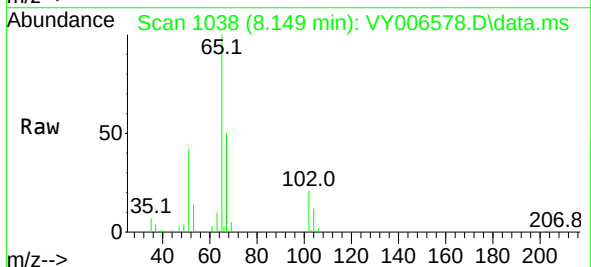


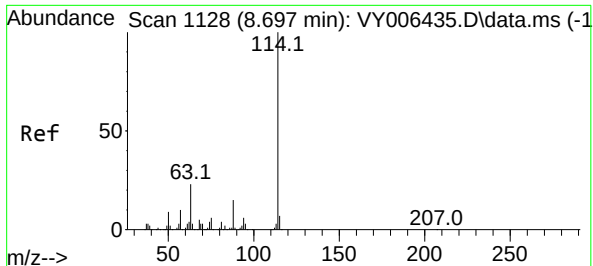
Tgt Ion: 56 Resp: 1141
Ion Ratio Lower Upper
56 100
69 197.1 26.6 40.0#
84 111.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 52.425 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Tgt Ion: 65 Resp: 29369
Ion Ratio Lower Upper
65 100
67 51.6 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: VY006578.D

Acq: 02 Nov 2021 15:50

Instrument :

MSVOA_N

ClientSampleId :

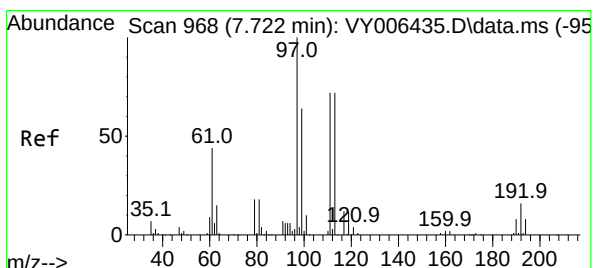
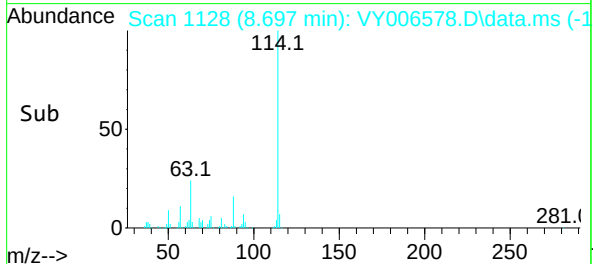
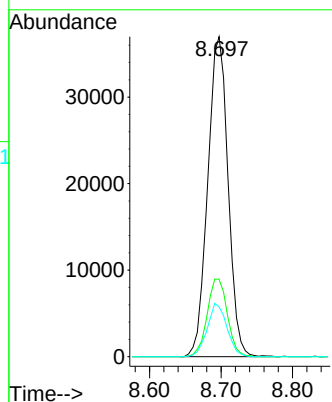
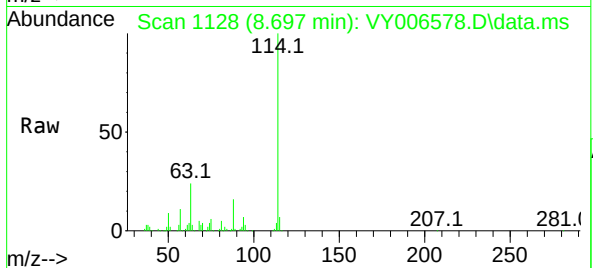
Tgt Ion:114 Resp: 72916

Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.181 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006578.D

Acq: 02 Nov 2021 15:50

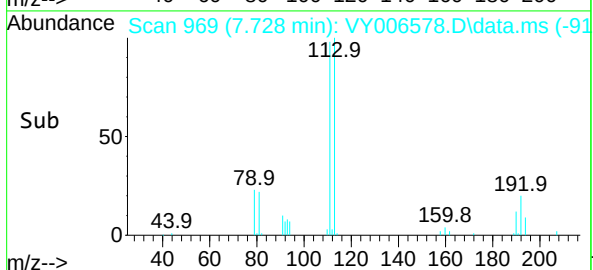
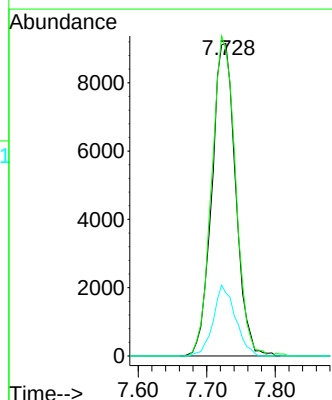
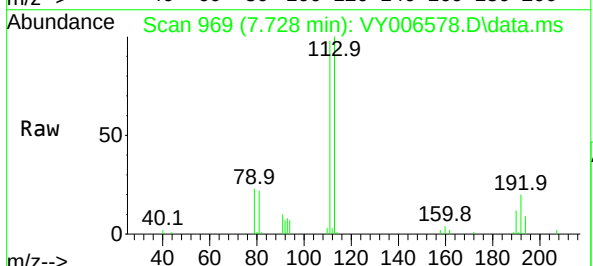
Tgt Ion:113 Resp: 22020

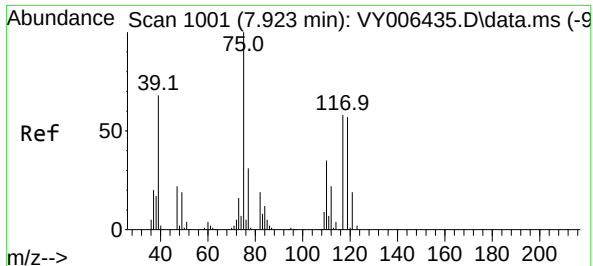
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 21.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.681 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

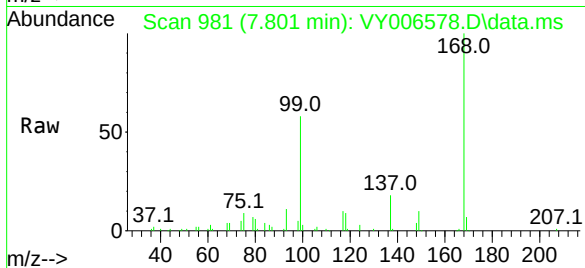
Lab File: VY006578.D

Acq: 02 Nov 2021 15:50

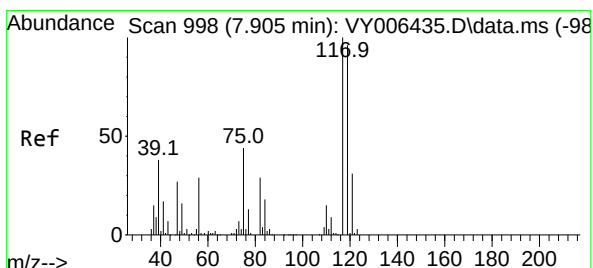
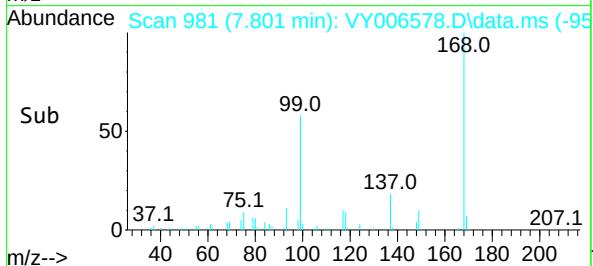
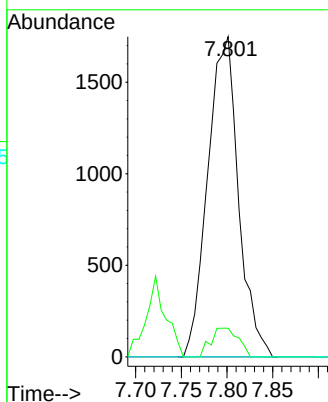
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	4093
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.024 ug/l

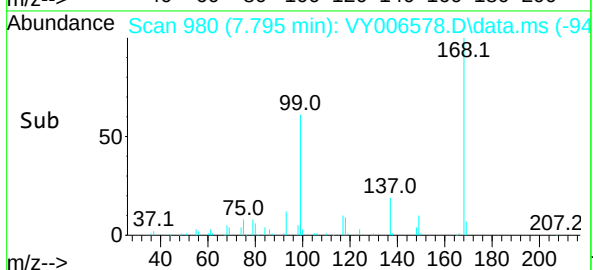
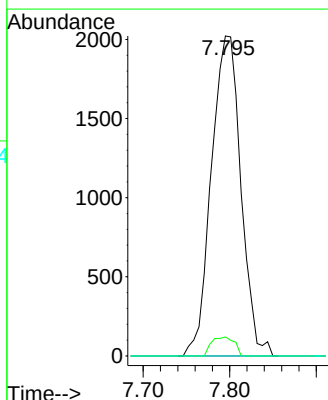
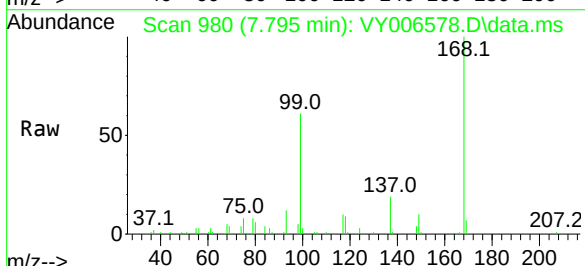
RT: 7.795 min Scan# 980

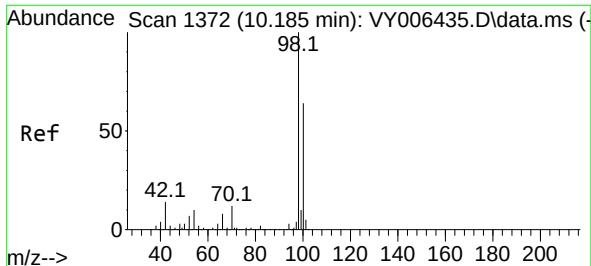
Delta R.T. -0.110 min

Lab File: VY006578.D

Acq: 02 Nov 2021 15:50

Tgt Ion:	117	Resp:	4788
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
121	0.0	24.7	37.1#

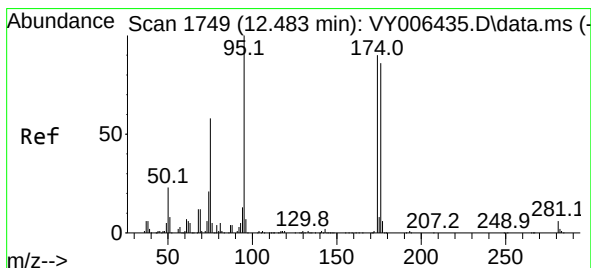
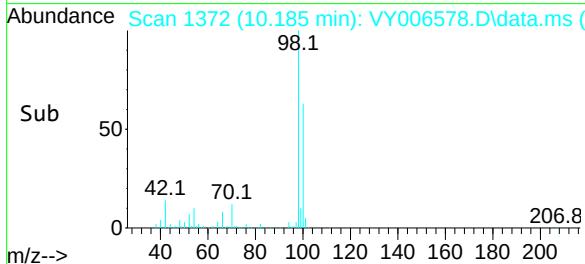
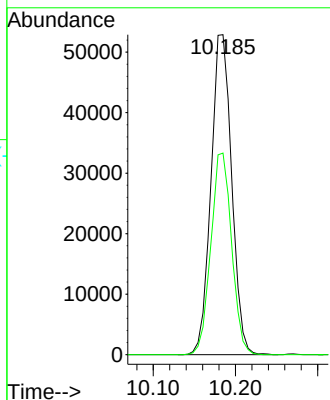
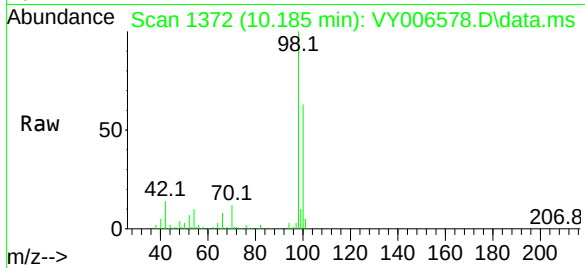




#50
Toluene-d8
Concen: 53.683 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

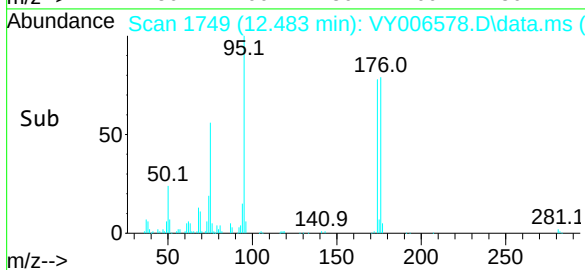
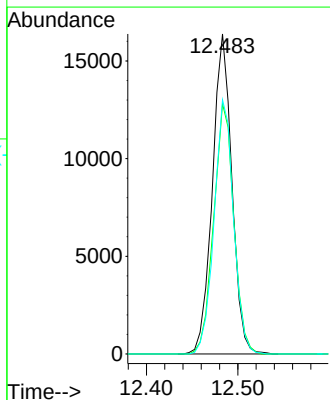
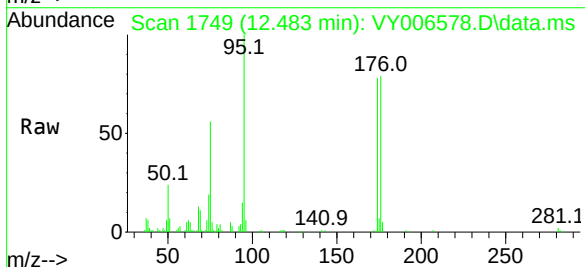
Instrument :
MSVOA_N
ClientSampleId :

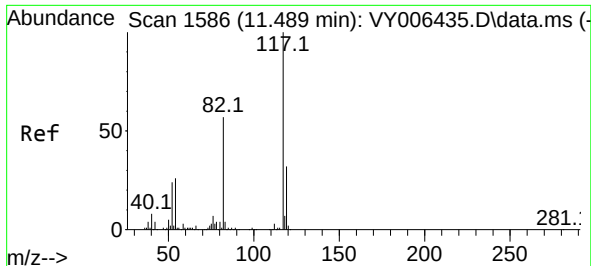
Tgt Ion: 98 Resp: 92488
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Tgt Ion: 95 Resp: 24216
Ion Ratio Lower Upper
95 100
174 80.6 0.0 177.0
176 79.3 0.0 169.4

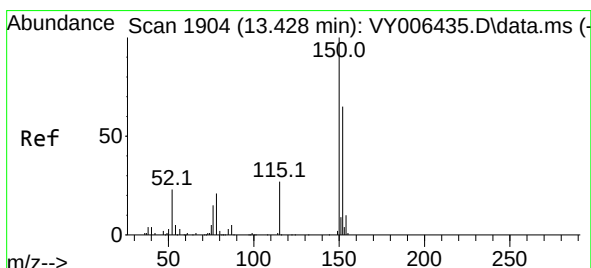
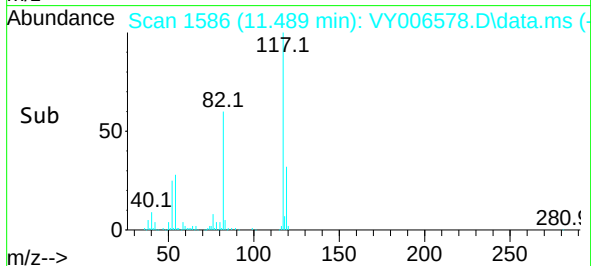
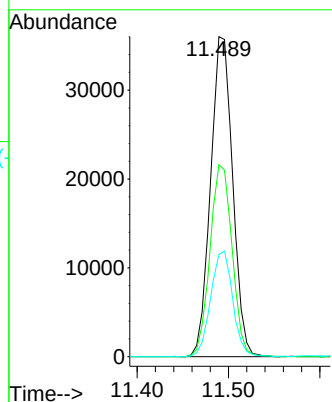
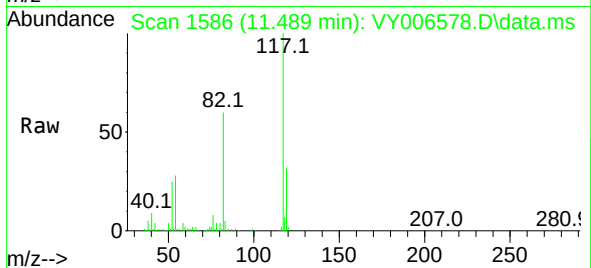




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

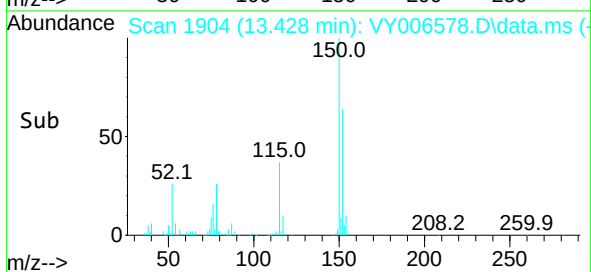
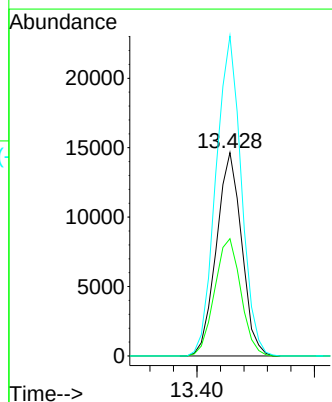
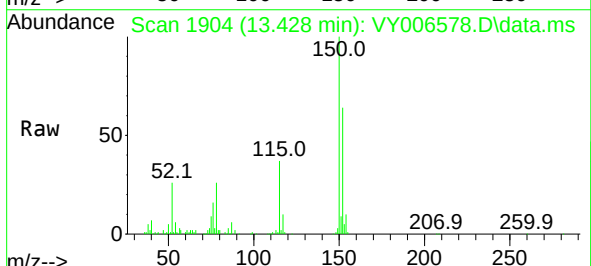
Instrument :
MSVOA_N
ClientSampleId :

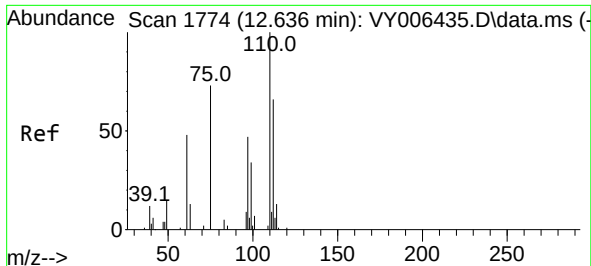
Tgt Ion:117 Resp: 60386
Ion Ratio Lower Upper
117 100
82 60.0 45.7 68.5
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Tgt Ion:152 Resp: 21879
Ion Ratio Lower Upper
152 100
115 59.9 28.5 85.5
150 158.3 0.0 348.2

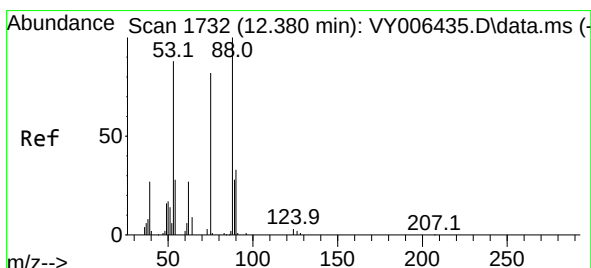
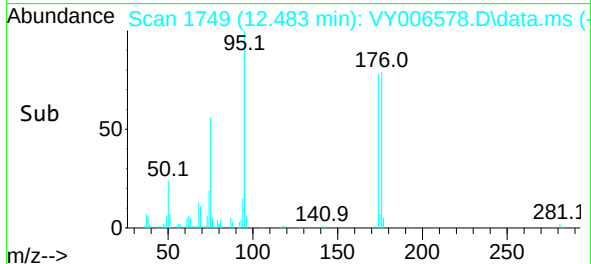
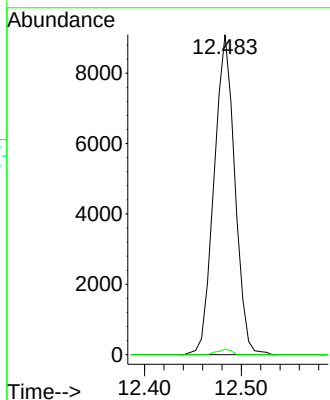
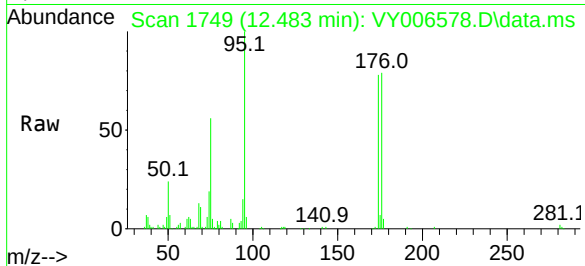




#76
1,2,3-Trichloropropane
Concen: 60.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 13573
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006578.D
Acq: 02 Nov 2021 15:50

Tgt Ion: 75 Resp: 13573
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

