

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006570.D
 Acq On : 02 Nov 2021 12:07
 Operator : SY/MD
 Sample : VY1102SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:49:06 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	124582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92515	60.347	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.700%			
35) Dibromofluoromethane	7.722	113	64795	54.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.185	98	270407	53.893	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.483	95	81730	48.356	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.720%			
Target Compounds						Qvalue
10) Methyl Iodide	4.101	142	358	5.322	ug/l #	36
11) Tert butyl alcohol	4.930	59	274	1.967	ug/l #	72
16) Acetone	3.948	43	927	2.100	ug/l #	46
20) Methylene Chloride	4.735	84	7526	1.592	ug/l	90
31) Cyclohexane	7.789	56	3184	1.283	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	10714	5.106	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12483	5.393	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47766	60.248	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47766	123.688	ug/l #	7
95) Naphthalene	15.239	128	2904	1.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	1320	1.023	ug/l	91

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

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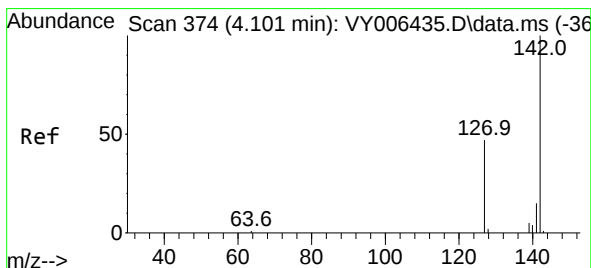
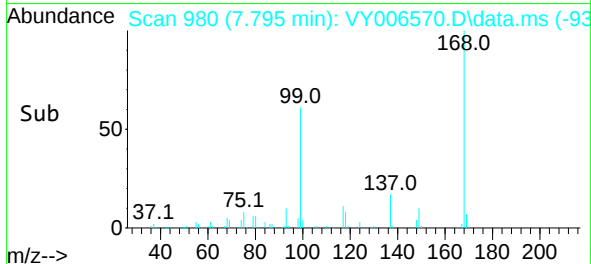
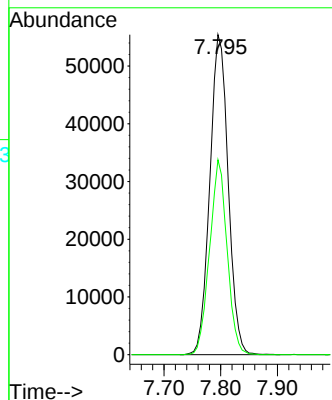
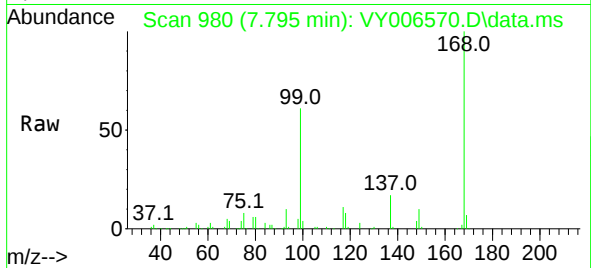




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

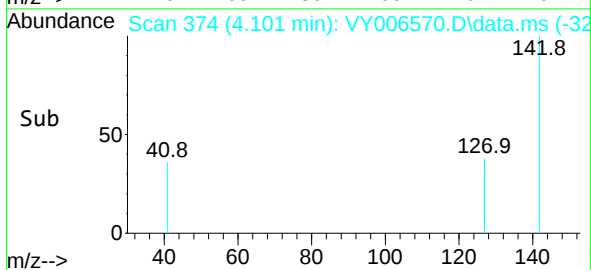
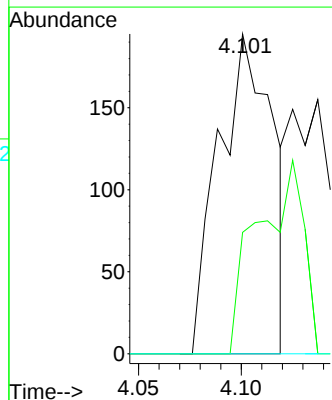
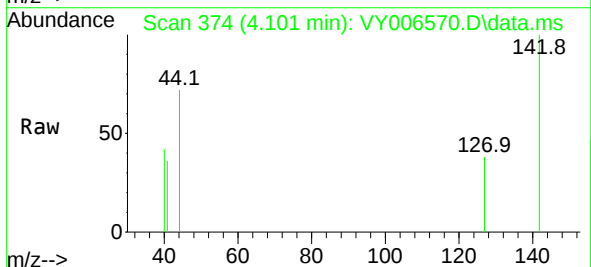
Instrument :
MSVOA_N
ClientSampleId :

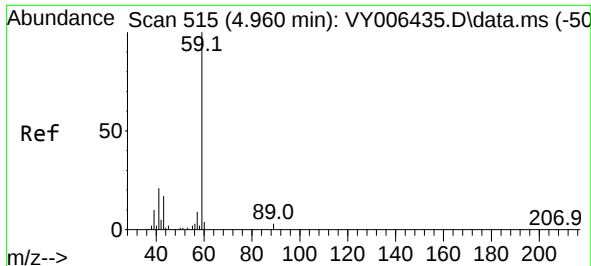
Tgt Ion:168 Resp: 124582
Ion Ratio Lower Upper
168 100
99 60.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.322 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.967 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.030 min

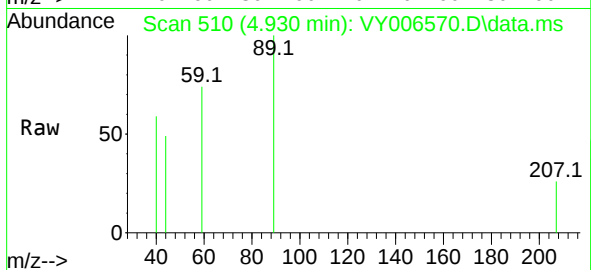
Lab File: VY006570.D

Acq: 02 Nov 2021 12:07

Instrument :

MSVOA_N

ClientSampleId :

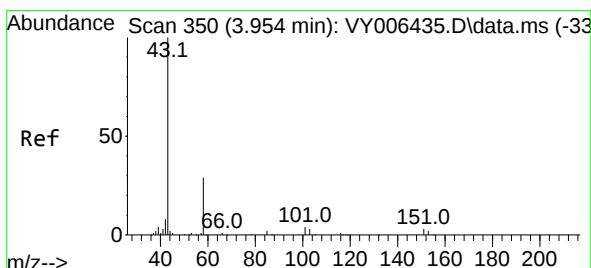
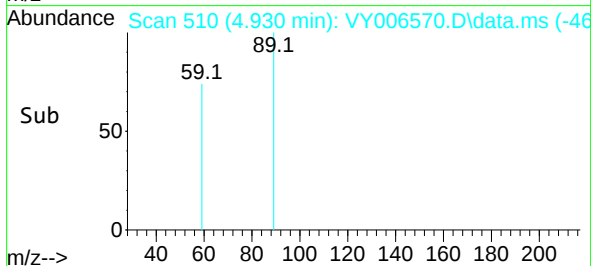
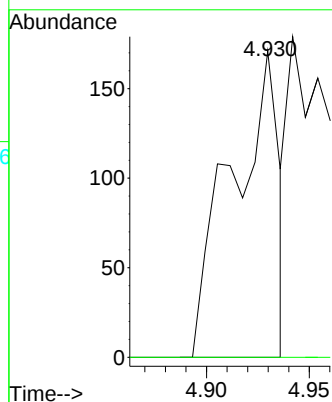


Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.100 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY006570.D

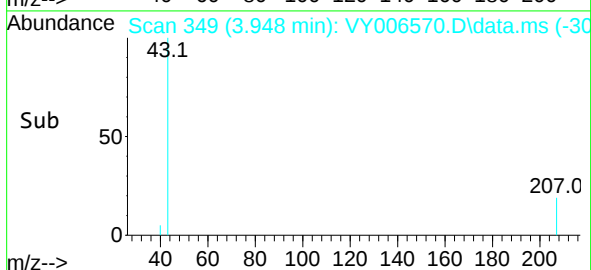
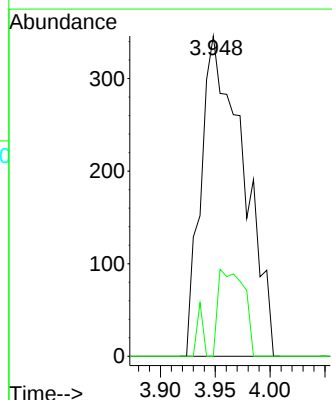
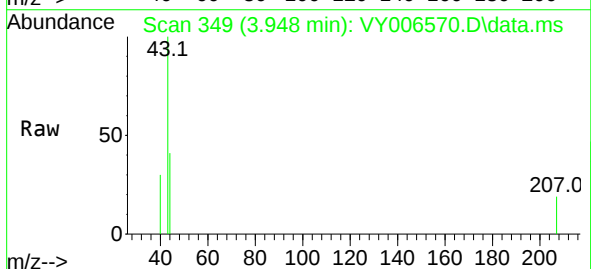
Acq: 02 Nov 2021 12:07

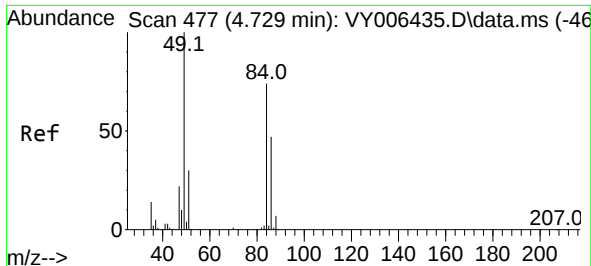
Tgt Ion: 43 Resp: 927

Ion Ratio Lower Upper

43 100

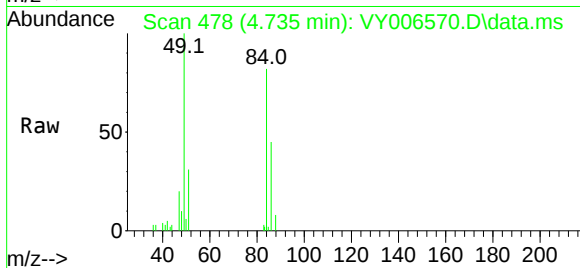
58 0.0 22.9 34.3#





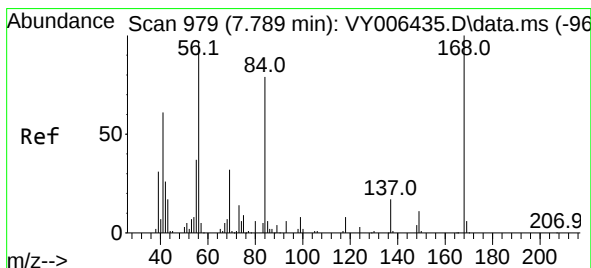
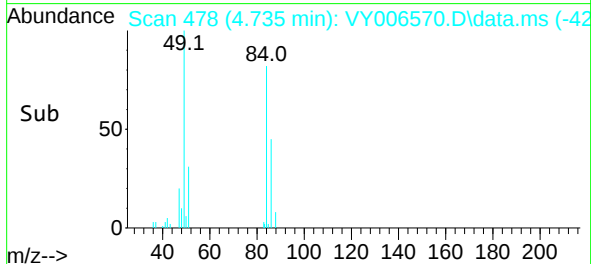
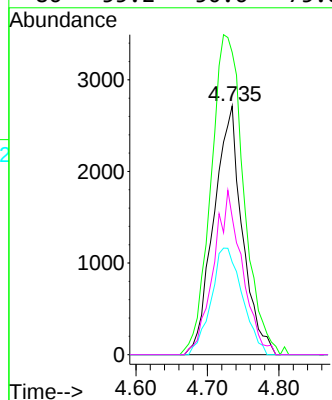
#20
Methylene Chloride
Concen: 1.592 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 7526

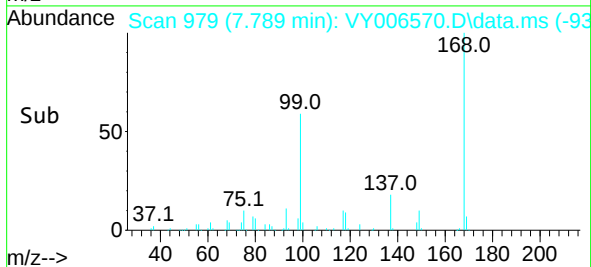
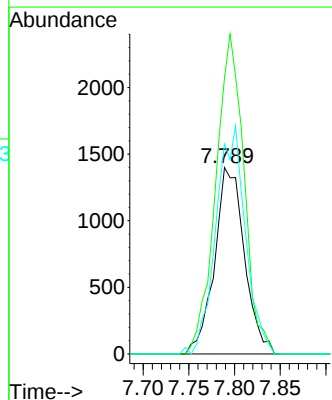
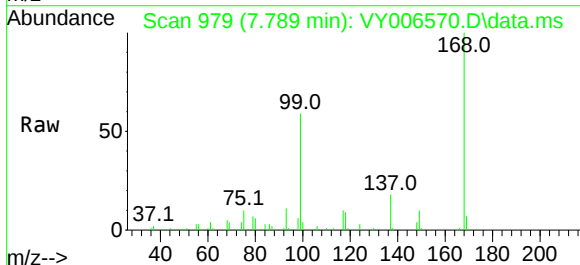
Ion	Ratio	Lower	Upper
84	100		
49	121.5	107.8	161.8
51	37.2	32.8	49.2
86	55.2	50.6	75.8

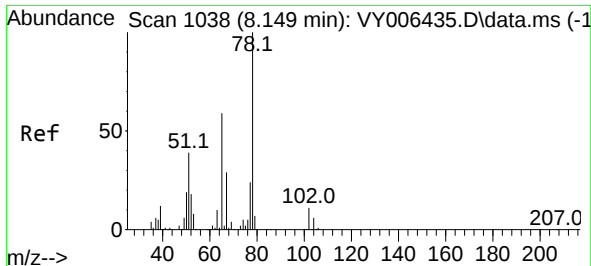


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Tgt Ion: 56 Resp: 3184

Ion	Ratio	Lower	Upper
56	100		
69	148.5	26.6	40.0#
84	112.7	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 60.347 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006570.D

Acq: 02 Nov 2021 12:07

Instrument :

MSVOA_N

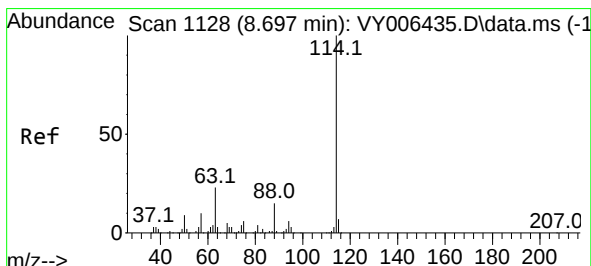
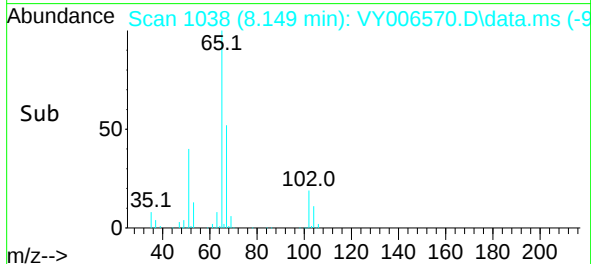
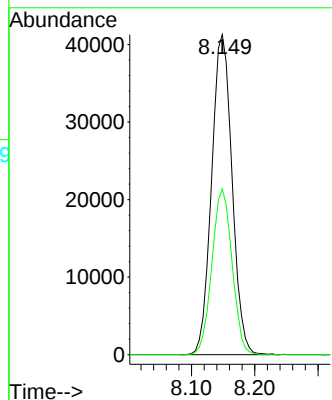
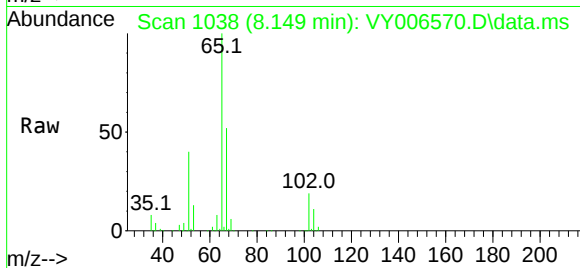
ClientSampleId :

Tgt Ion: 65 Resp: 92515

Ion Ratio Lower Upper

65 100

67 51.0 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: VY006570.D

Acq: 02 Nov 2021 12:07

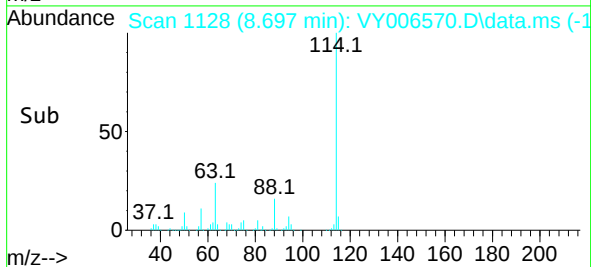
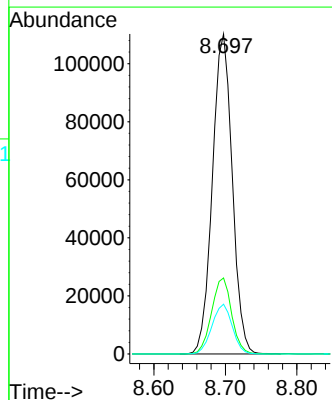
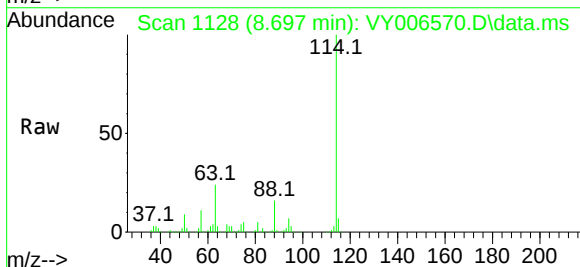
Tgt Ion: 114 Resp: 212354

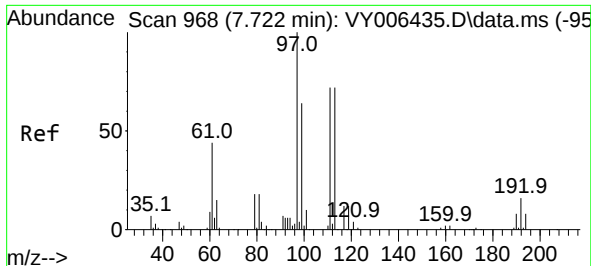
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

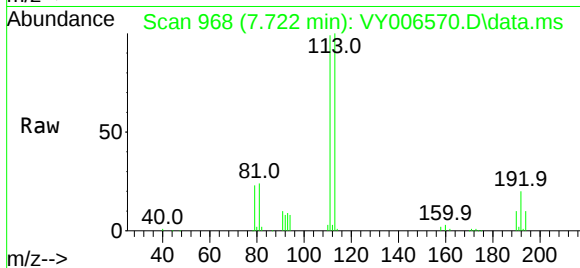
88 15.6 0.0 30.6



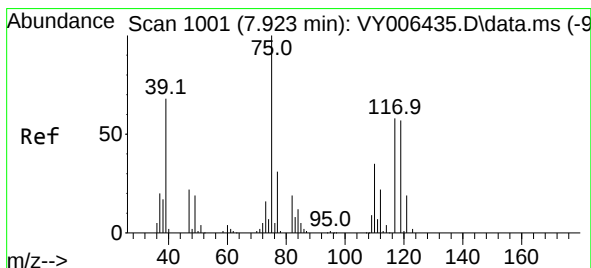
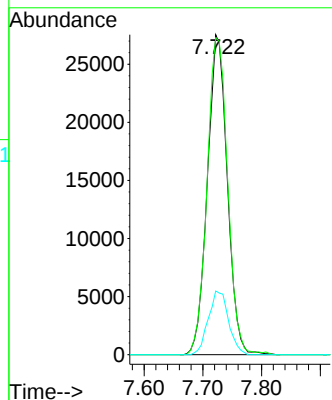
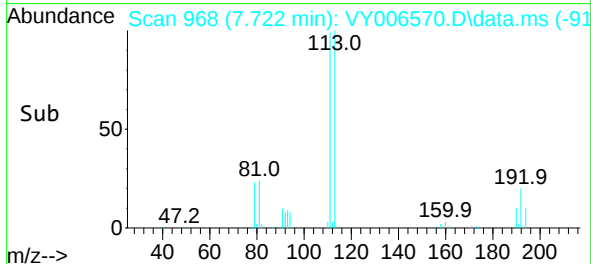


#35
Dibromofluoromethane
Concen: 54.744 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Instrument :
MSVOA_N
ClientSampleId :

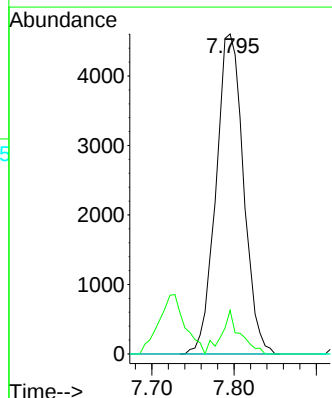
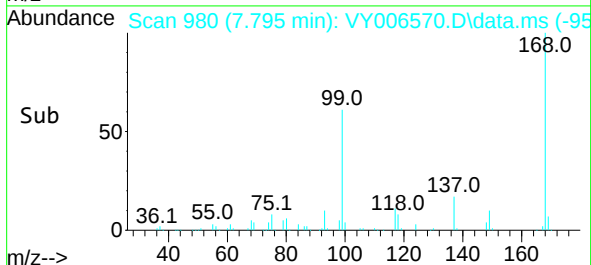
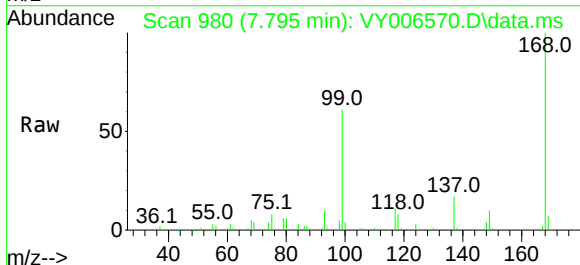


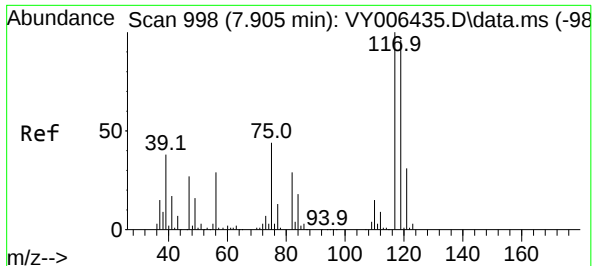
Tgt Ion:113 Resp: 64795
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 20.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

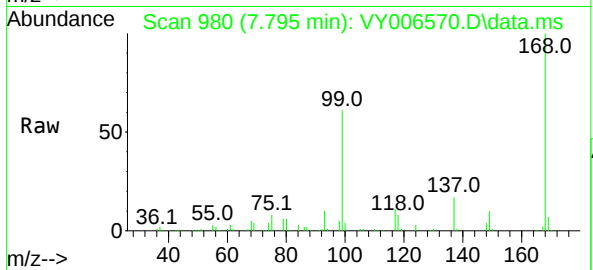
Tgt Ion: 75 Resp: 10714
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 24.9 37.3#



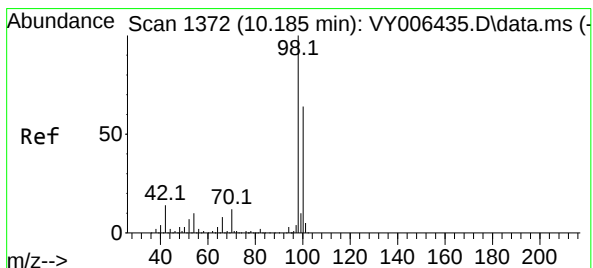
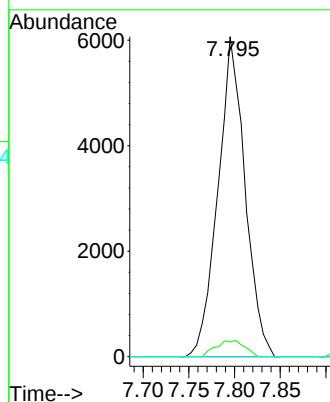
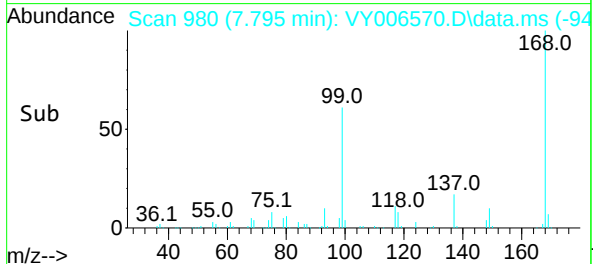


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Instrument :
MSVOA_N
ClientSampleId :

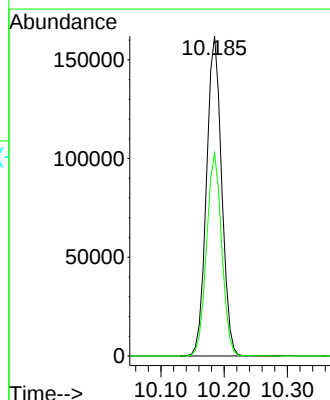
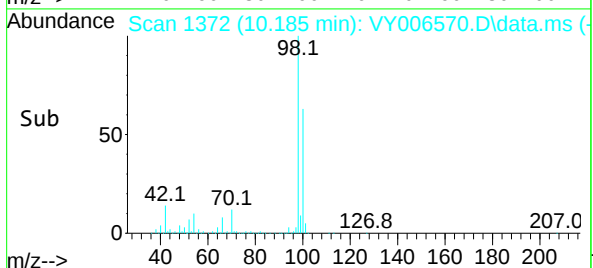
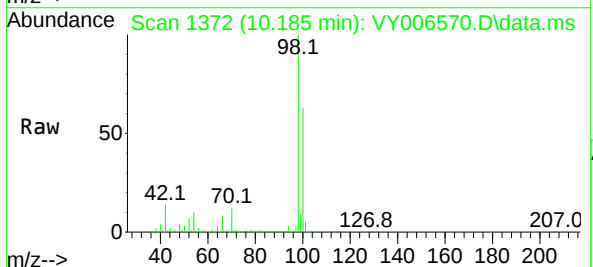


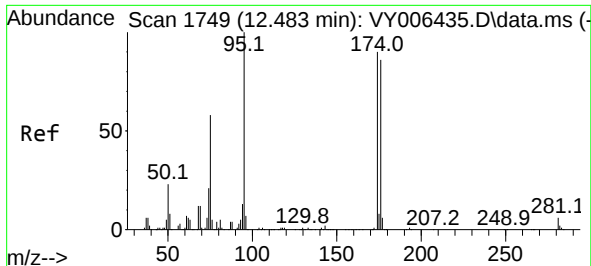
Tgt Ion:117 Resp: 12483
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.893 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Tgt Ion: 98 Resp: 270407
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

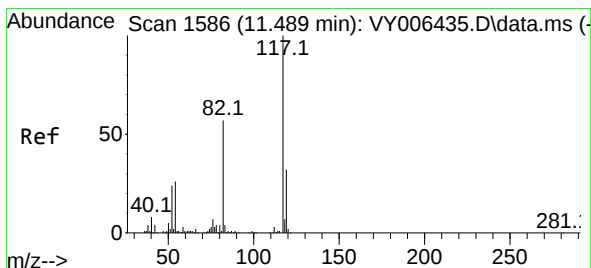
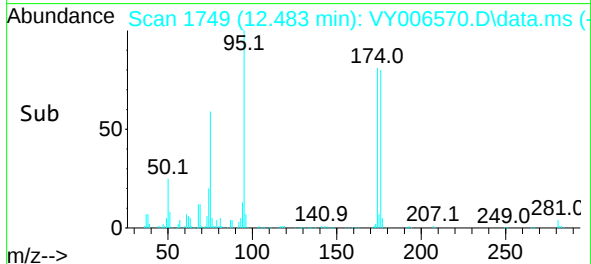
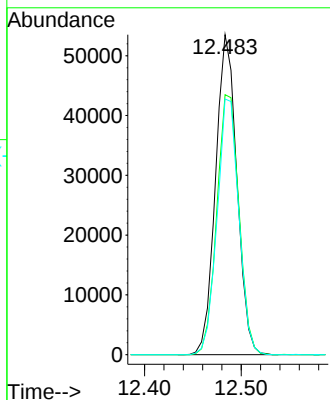
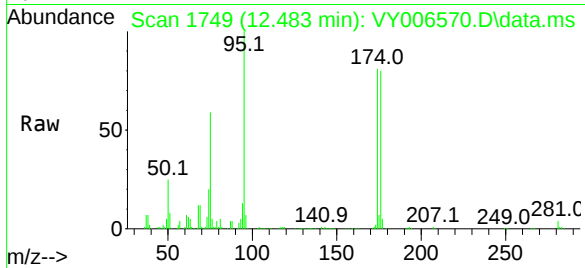




#62
4-Bromofluorobenzene
Concen: 48.356 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

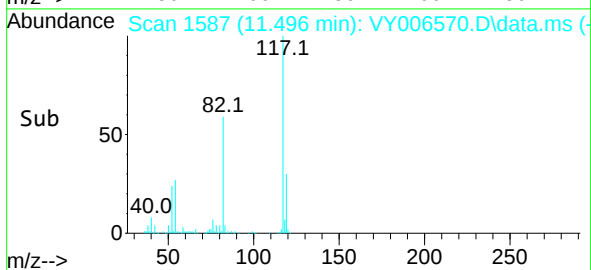
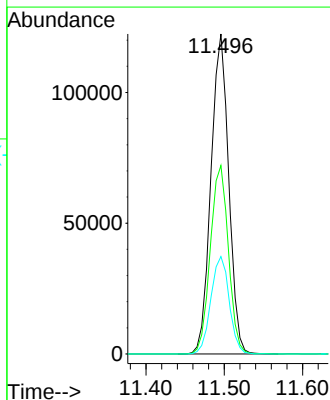
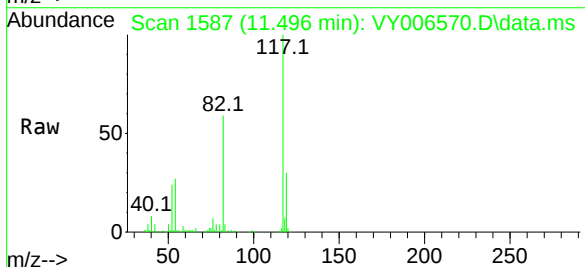
Instrument :
MSVOA_N
ClientSampleId :

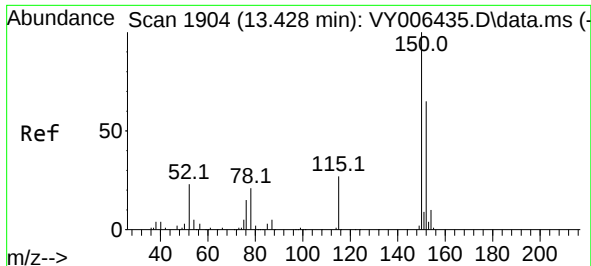
Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	177.0
176	81.4	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.7	68.5
119	30.5	25.5	38.3

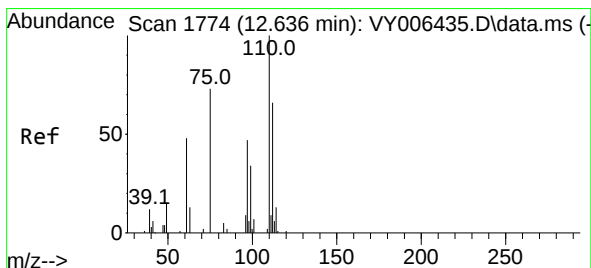
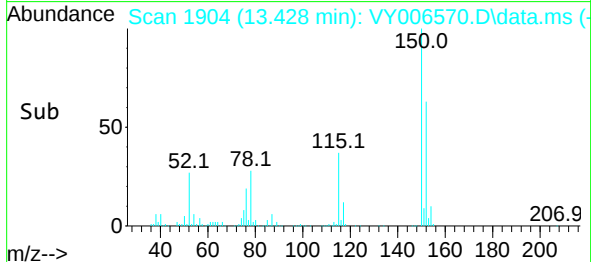
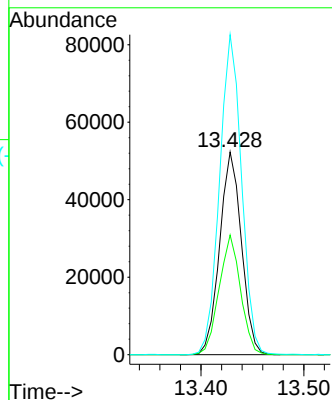
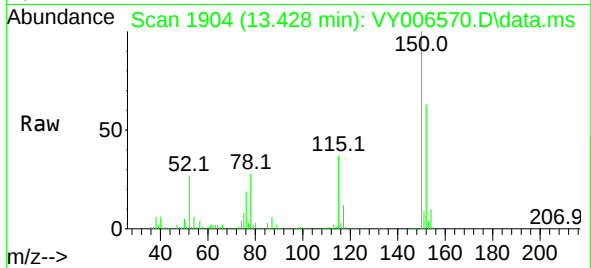




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006570.D
 Acq: 02 Nov 2021 12:07

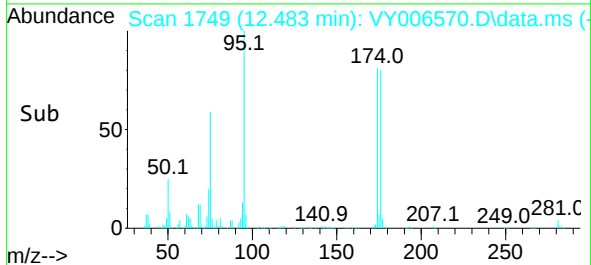
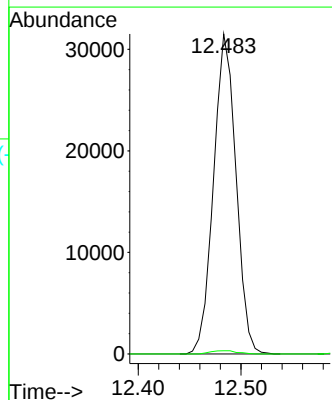
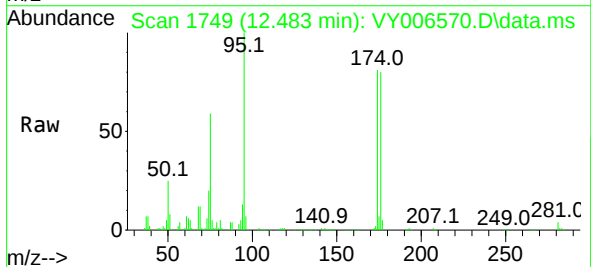
Instrument :
 MSVOA_N
 ClientSampleId :

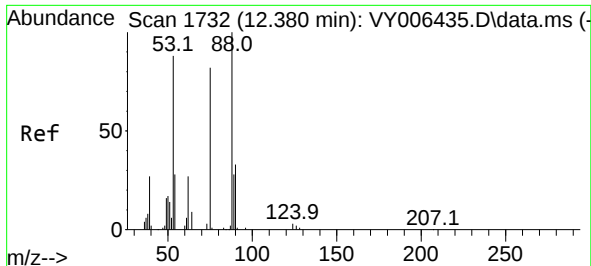
Tgt Ion:152 Resp: 76937
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.5 85.5
 150 159.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 60.248 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006570.D
 Acq: 02 Nov 2021 12:07

Tgt Ion: 75 Resp: 47766
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

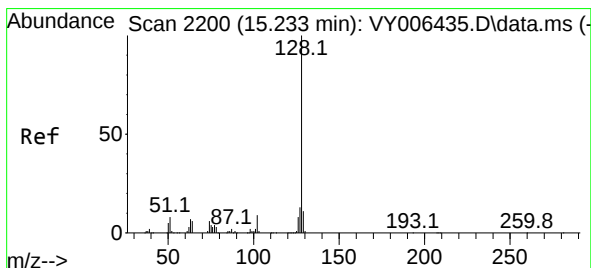
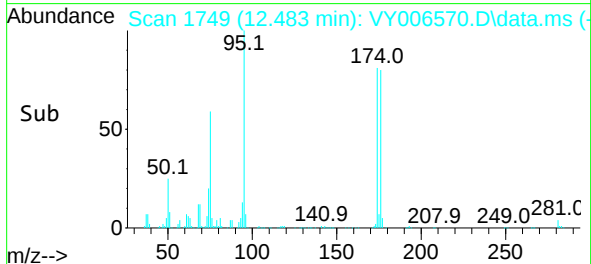
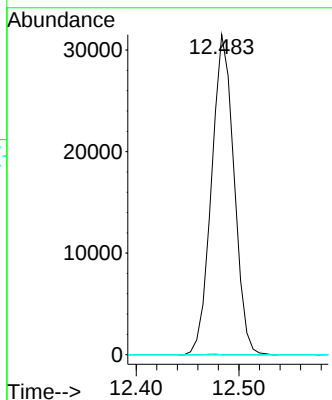
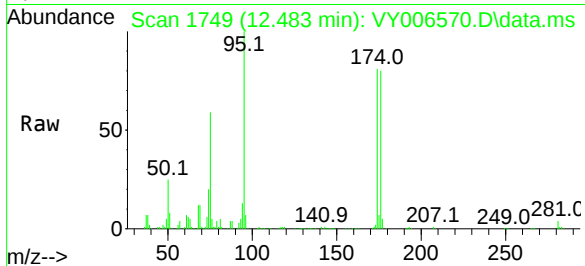




#81
trans-1,4-Dichloro-2-butene
Concen: 123.688 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

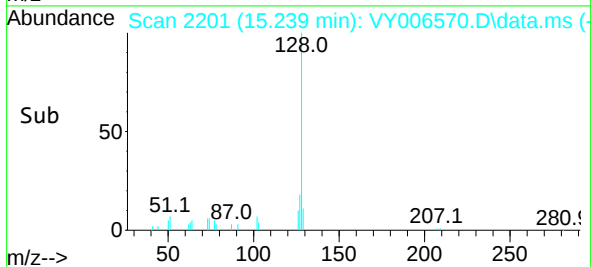
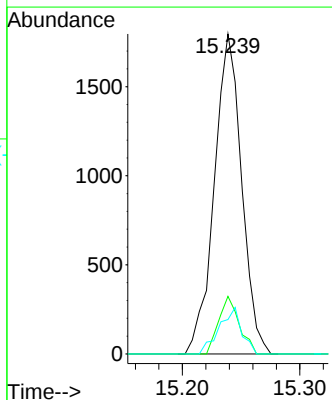
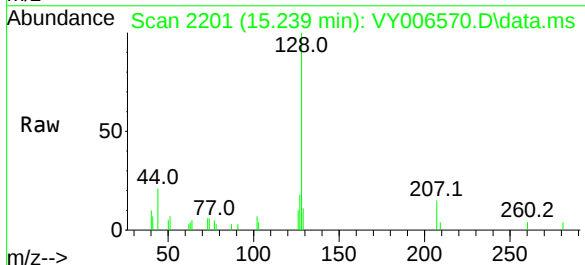
Instrument :
MSVOA_N
ClientSampleId :

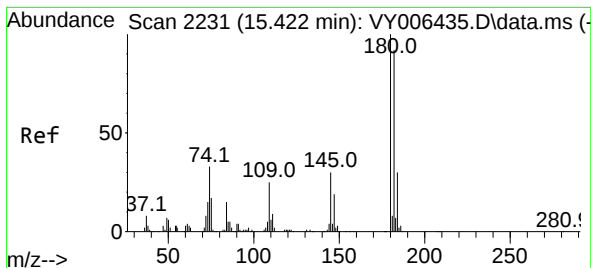
Tgt Ion: 75 Resp: 47766
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#



#95
Naphthalene
Concen: 1.007 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006570.D
Acq: 02 Nov 2021 12:07

Tgt Ion:128 Resp: 2904
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.9 8.9 13.3





#96

1,2,3-Trichlorobenzene

Concen: 1.023 ug/l

RT: 15.428 min Scan# 21

Delta R.T. 0.006 min

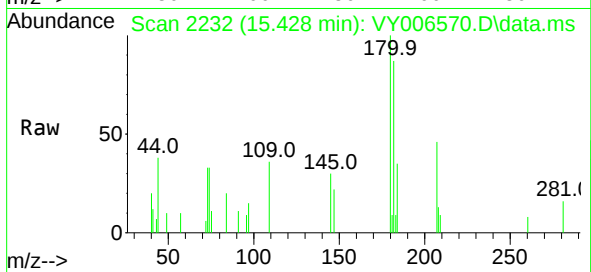
Lab File: VY006570.D

Acq: 02 Nov 2021 12:07

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1320

Ion Ratio Lower Upper

180 100

182 87.2 47.8 143.4

145 35.3 15.3 45.8

