

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006679.D
 Acq On : 08 Nov 2021 14:45
 Operator : SY/MD
 Sample : M4556-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:04:33 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)

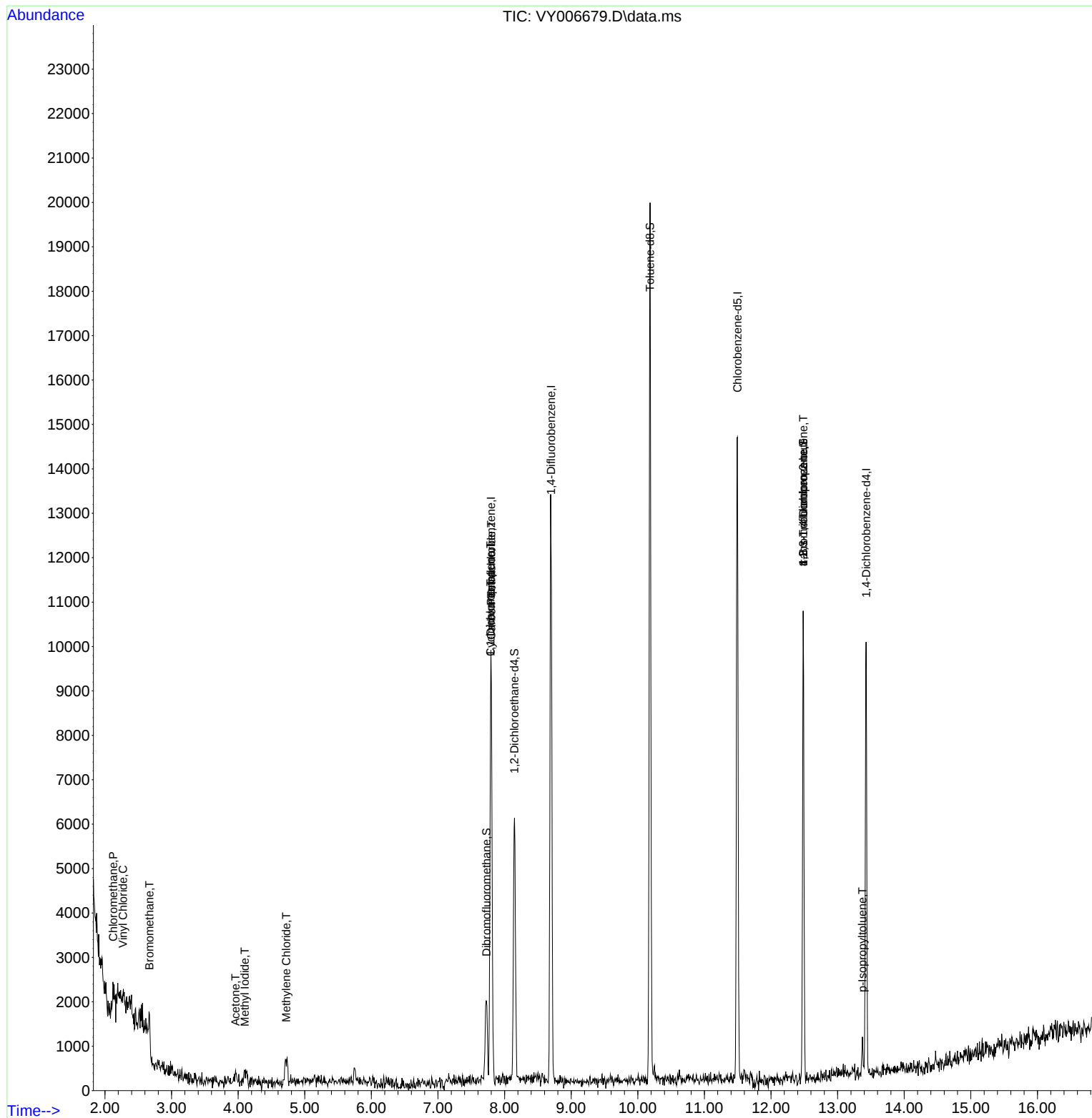
Internal Standards						
1) Pentafluorobenzene	7.795	168	7144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4536	51.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.728	113	1313	22.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 44.360%#	
50) Toluene-d8	10.185	98	12277	48.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	12.483	95	2929	34.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.300%	
Target Compounds						
						Qvalue
3) Chloromethane	2.125	50	209	2.345	ug/l #	43
4) Vinyl Chloride	2.272	62	140	1.406	ug/l #	44
5) Bromomethane	2.668	94	152	2.292	ug/l	84
10) Methyl Iodide	4.101	142	473	11.101	ug/l #	73
16) Acetone	3.960	43	423	16.710	ug/l #	46
20) Methylene Chloride	4.722	84	395	1.086	ug/l #	52
31) Cyclohexane	7.789	56	148	1.040	ug/l #	2
36) 1,1-Dichloropropene	7.789	75	443	4.221	ug/l #	42
38) Carbon Tetrachloride	7.801	117	892	7.705	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1635	62.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1635	128.444	ug/l #	7
86) p-Isopropyltoluene	13.373	119	659	4.030	ug/l	87

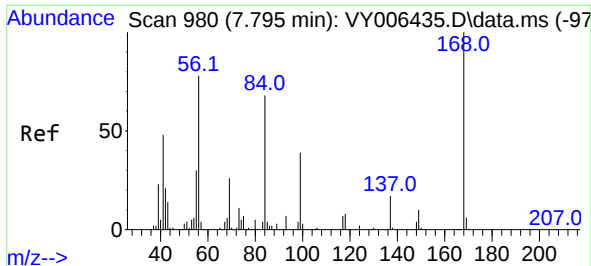
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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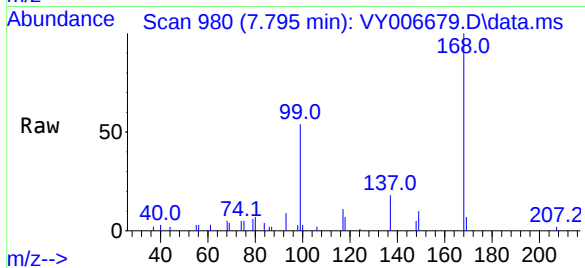
Quant Time: Nov 09 13:04:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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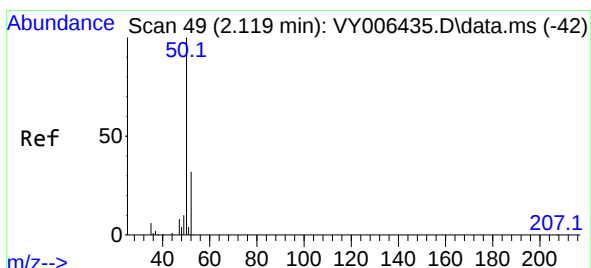
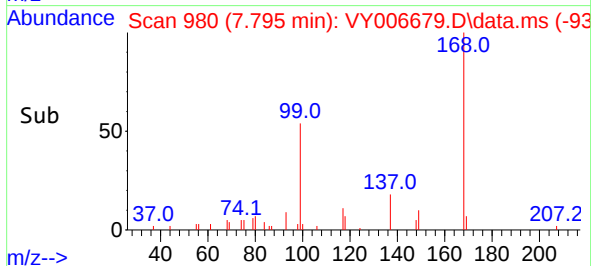
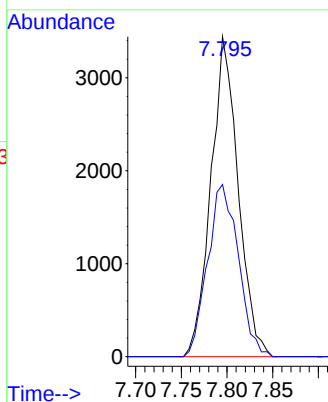


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

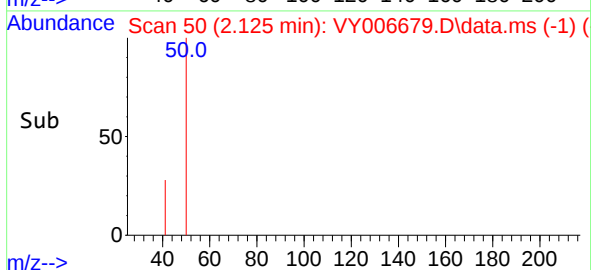
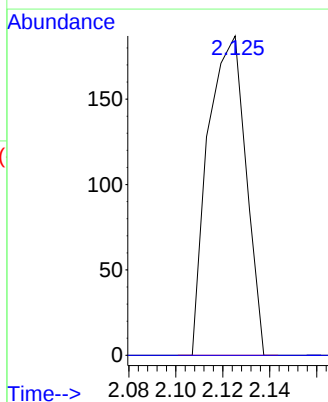
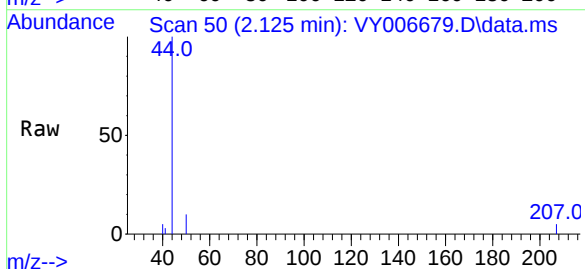


Tgt Ion:168 Resp: 7144
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2

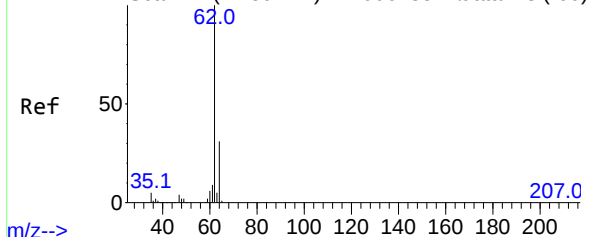


#3
Chloromethane
Concen: 2.345 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

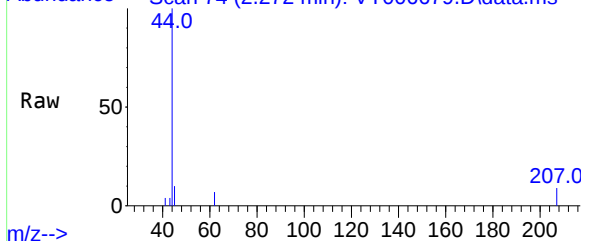
Tgt Ion: 50 Resp: 209
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



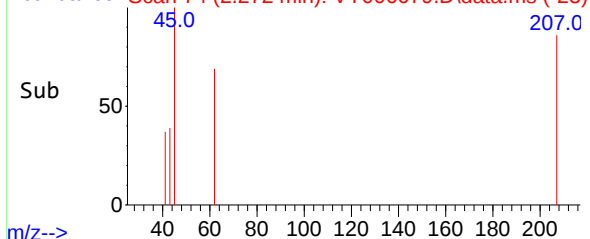
Abundance Scan 72 (2.259 min): VY006435.D\data.ms (-60)



Abundance Scan 74 (2.272 min): VY006679.D\data.ms



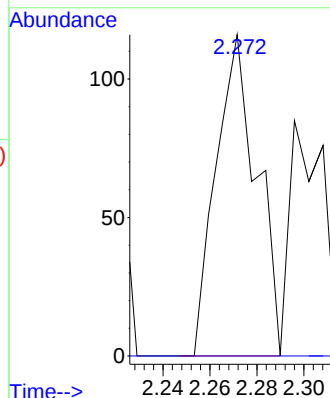
Abundance Scan 74 (2.272 min): VY006679.D\data.ms (-23)



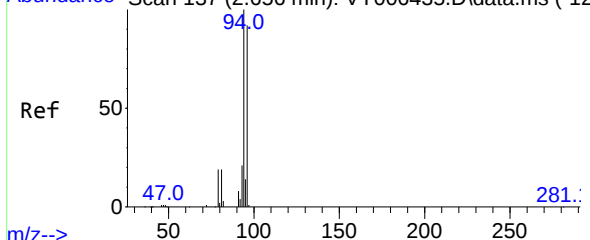
#4
Vinyl Chloride
Concen: 1.406 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

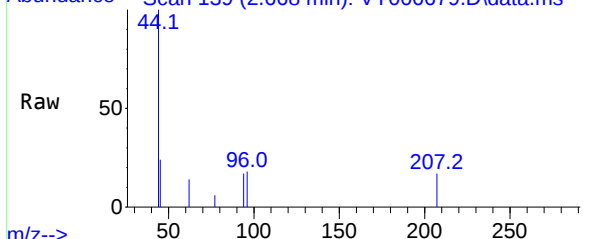
Tgt Ion: 62 Resp: 140
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



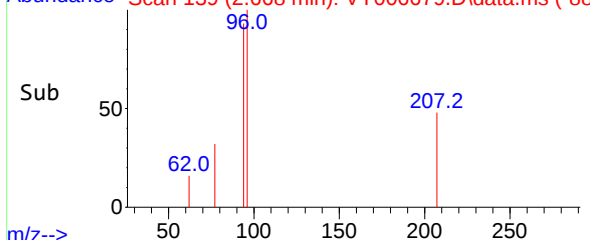
Abundance Scan 137 (2.656 min): VY006435.D\data.ms (-12)



Abundance Scan 139 (2.668 min): VY006679.D\data.ms

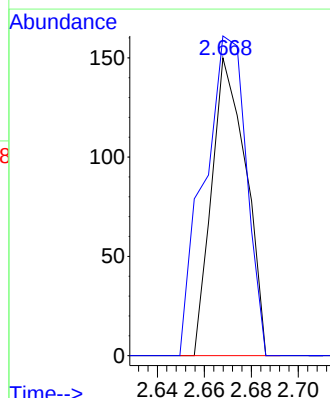


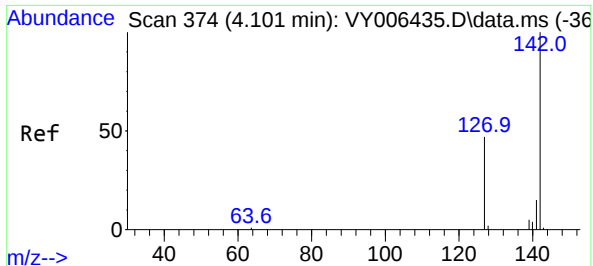
Abundance Scan 139 (2.668 min): VY006679.D\data.ms (-88)



#5
Bromomethane
Concen: 2.292 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

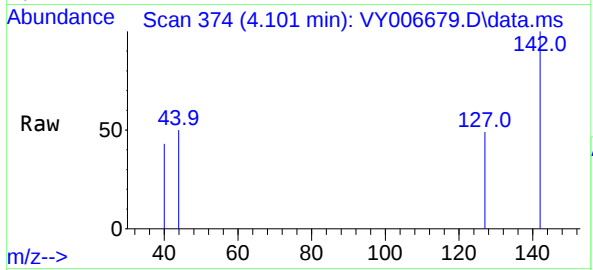
Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 107.3 73.5 110.3



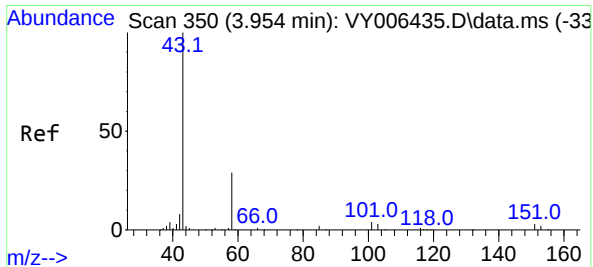
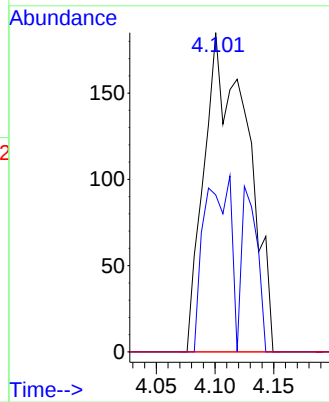
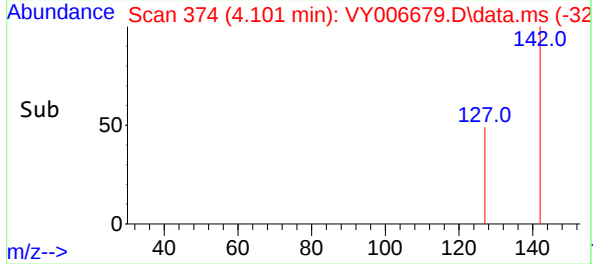


#10
Methyl Iodide
Concen: 11.101 ug/l
RT: 4.101 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

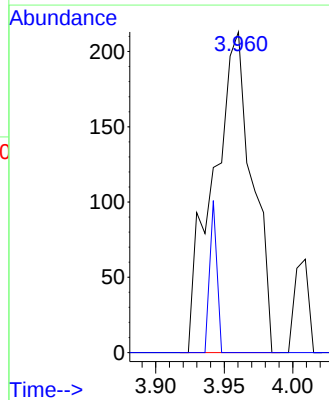
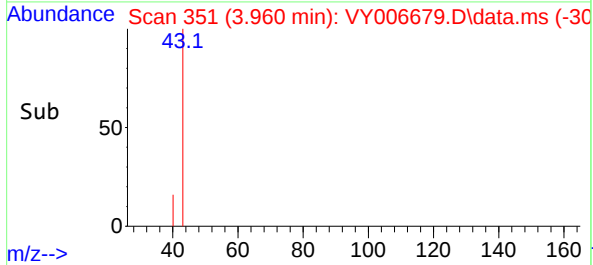
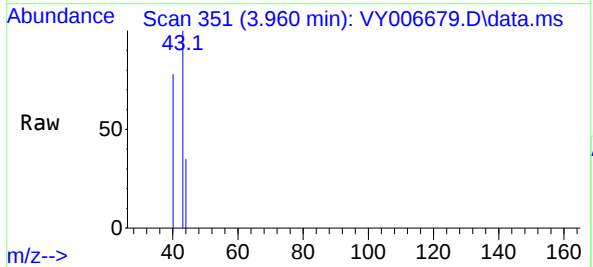


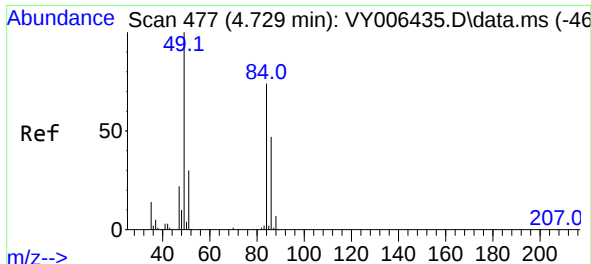
Tgt Ion:142 Resp: 473
Ion Ratio Lower Upper
142 100
127 33.8 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 16.710 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

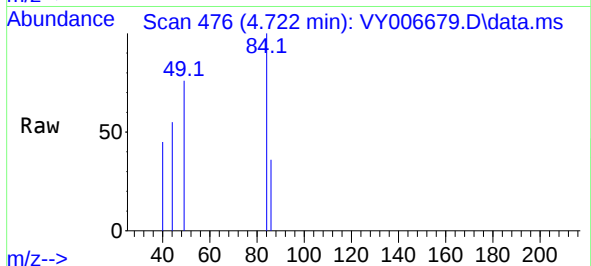
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



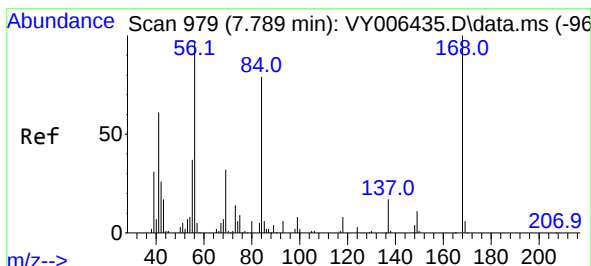
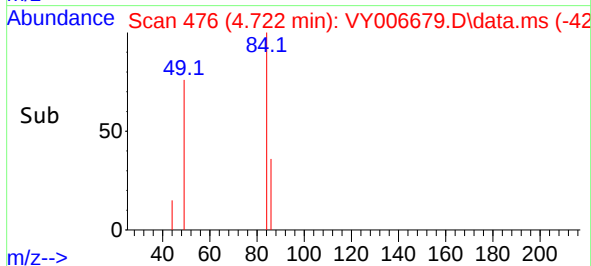
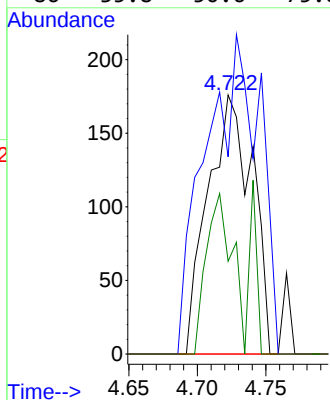


#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

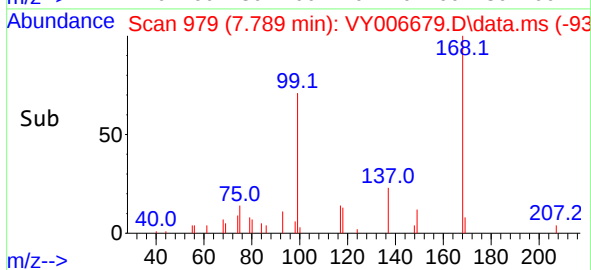
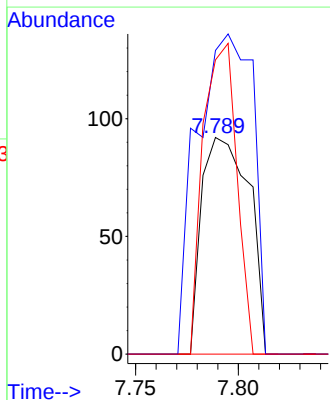
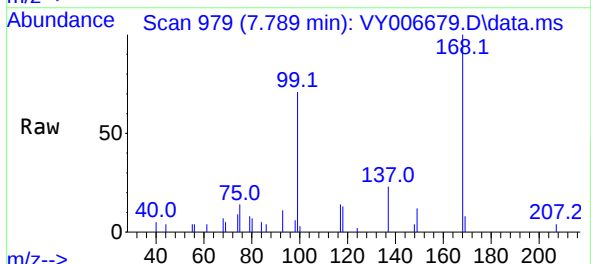


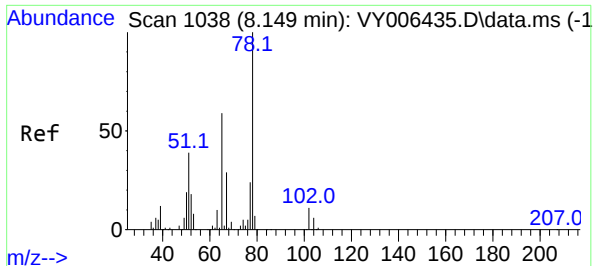
Tgt Ion: 84 Resp: 395
Ion Ratio Lower Upper
84 100
49 76.1 107.8 161.8#
51 0.0 32.8 49.2#
86 35.8 50.6 75.8#



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
69 140.2 26.6 40.0#
84 135.9 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 51.597 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006679.D

Acq: 08 Nov 2021 14:45

Instrument :

MSVOA_Y

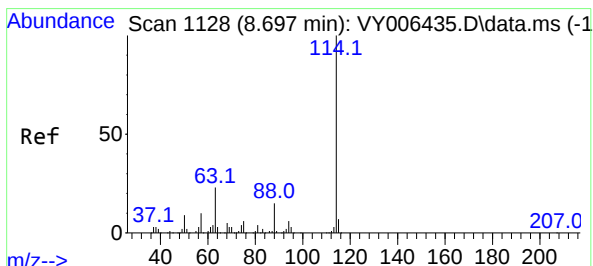
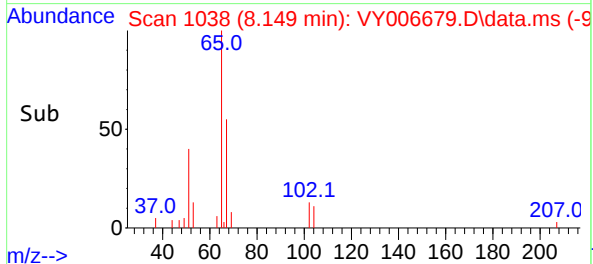
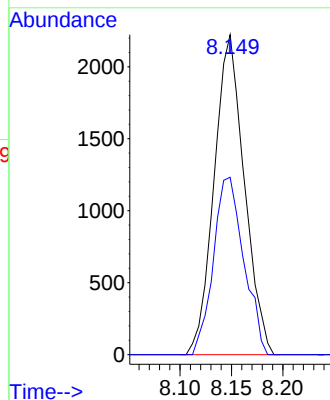
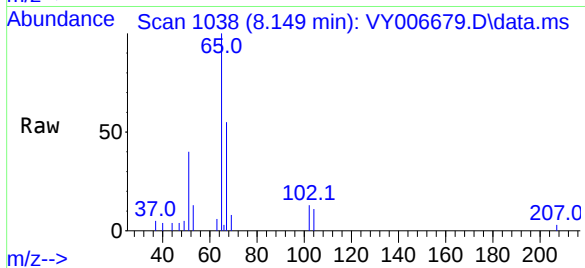
ClientSampleId :

Tgt Ion: 65 Resp: 4536

Ion Ratio Lower Upper

65 100

67 55.8 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: VY006679.D

Acq: 08 Nov 2021 14:45

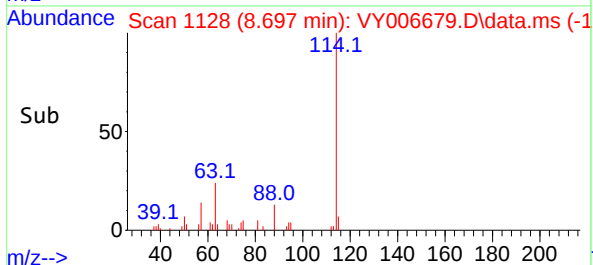
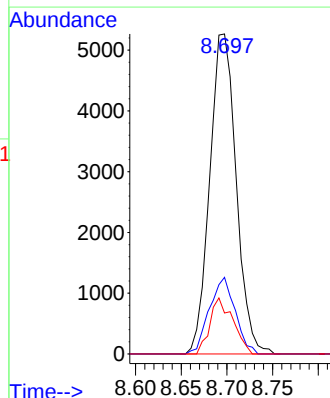
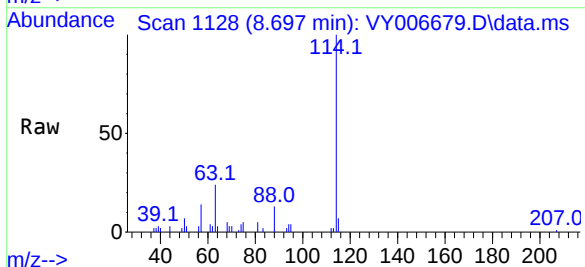
Tgt Ion: 114 Resp: 10621

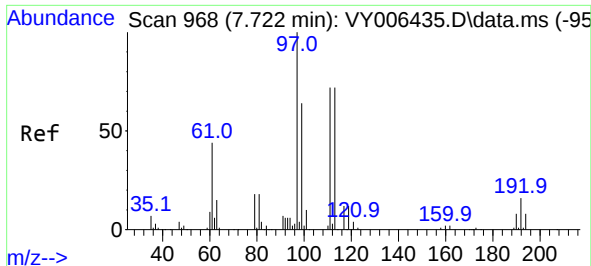
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 12.8 0.0 30.6

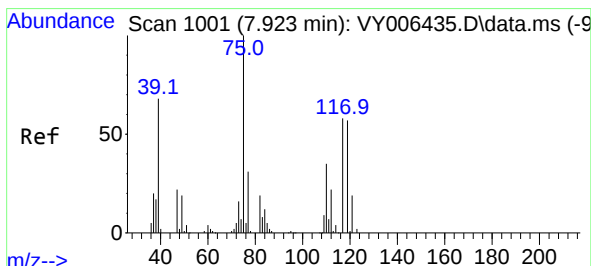
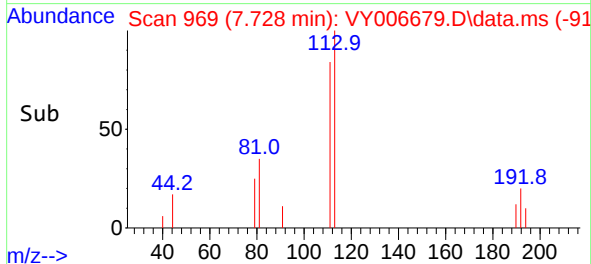
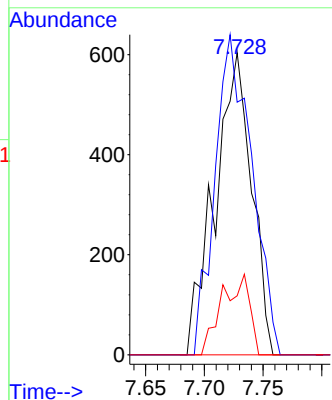
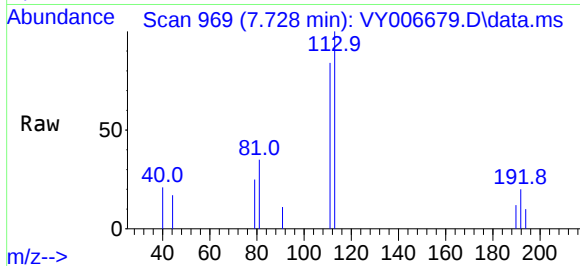




#35
Dibromofluoromethane
Concen: 22.180 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

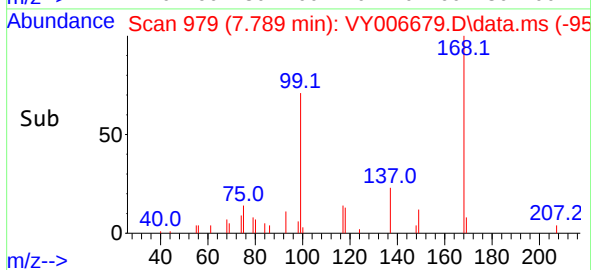
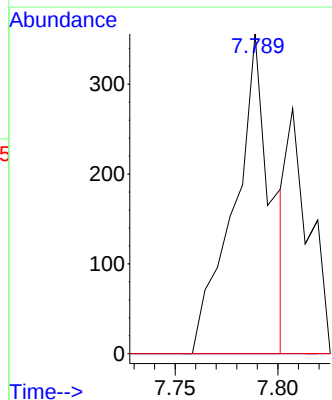
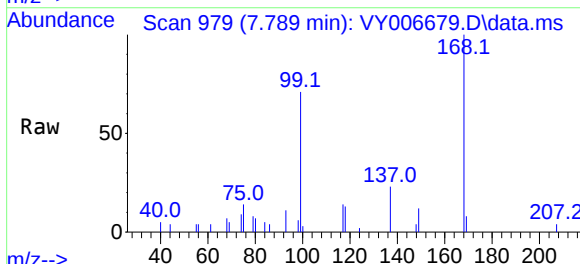
Instrument :
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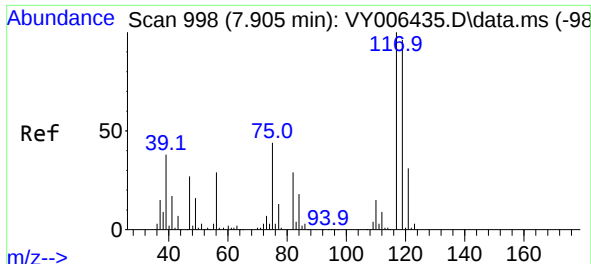
Tgt Ion:113 Resp: 1313
Ion Ratio Lower Upper
113 100
111 106.4 82.3 123.5
192 20.0 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.221 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

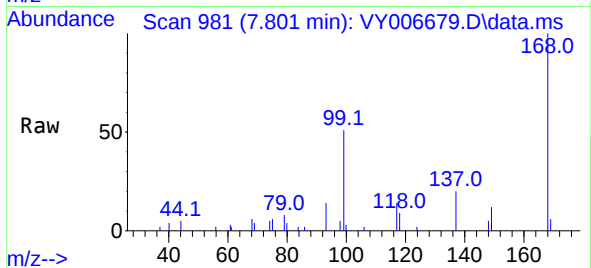
Tgt Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



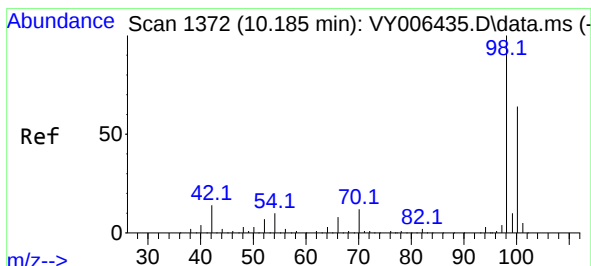
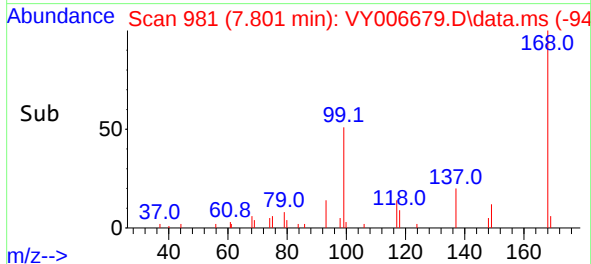
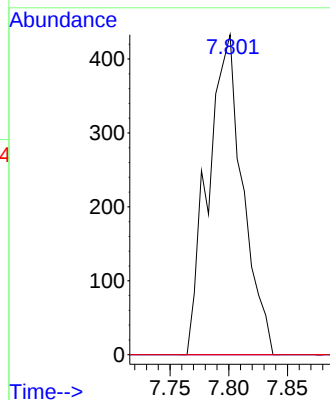


#38
Carbon Tetrachloride
Concen: 7.705 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

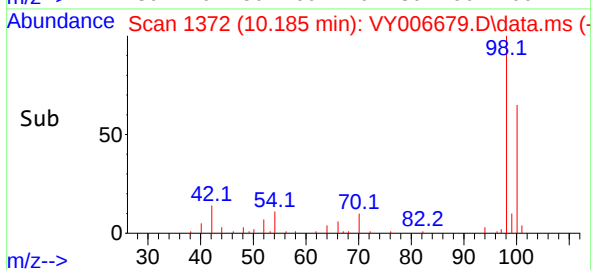
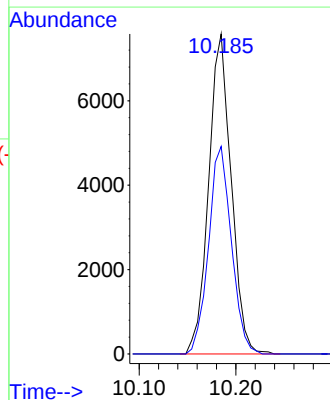
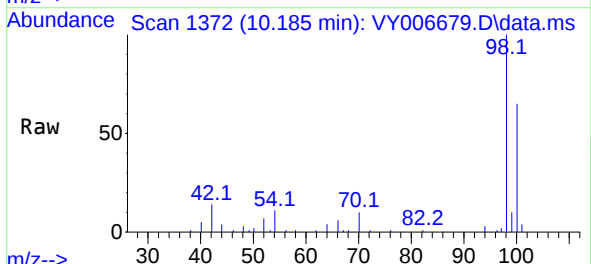


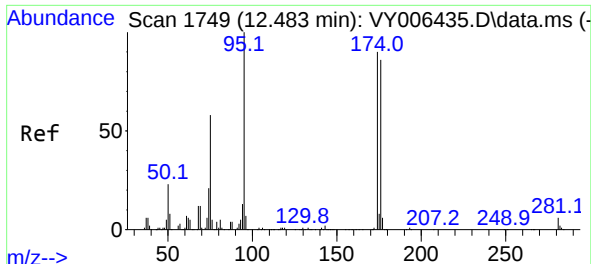
Tgt Ion:117 Resp: 892
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.922 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion: 98 Resp: 12277
Ion Ratio Lower Upper
98 100
100 65.7 50.9 76.3

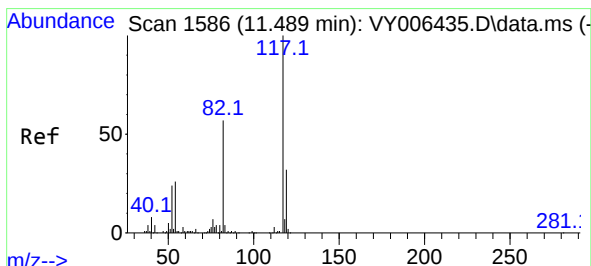
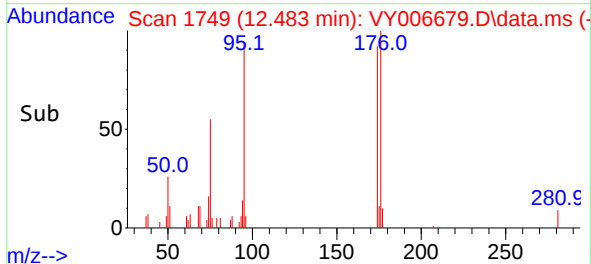
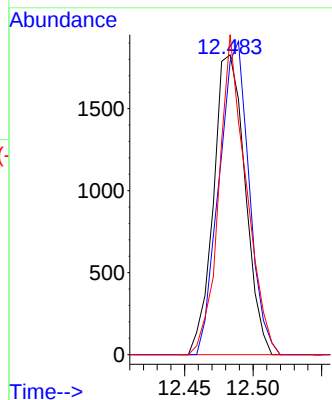
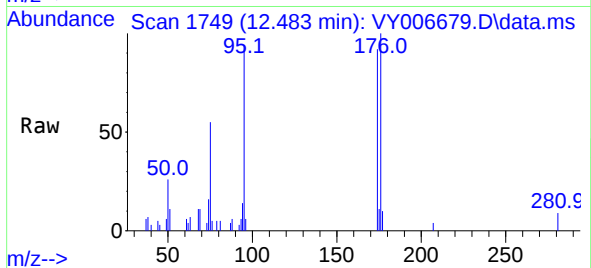




#62
4-Bromofluorobenzene
Concen: 34.648 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

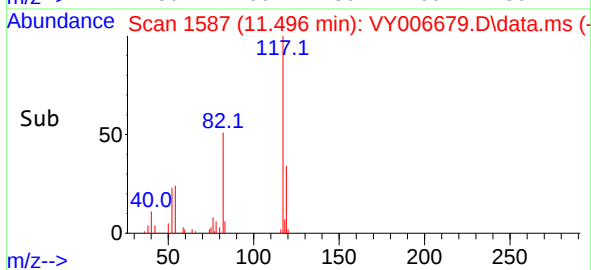
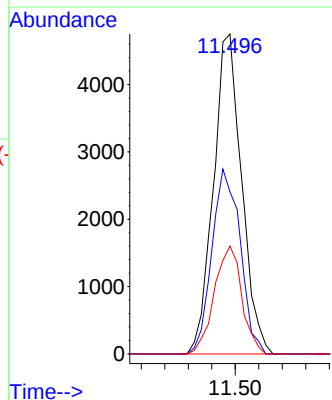
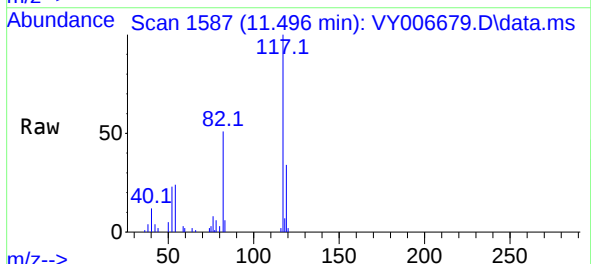
Instrument :
MSVOA_Y
ClientSampleId :

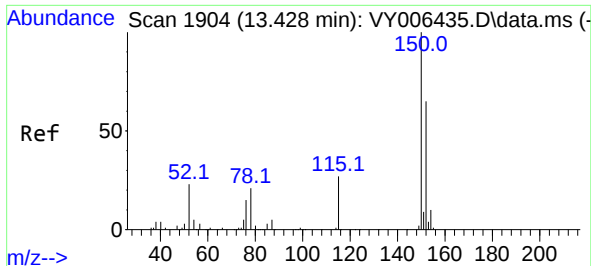
Tgt Ion:	95	Resp:	2929
Ion	Ratio	Lower	Upper
95	100		
174	99.1	0.0	177.0
176	91.9	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

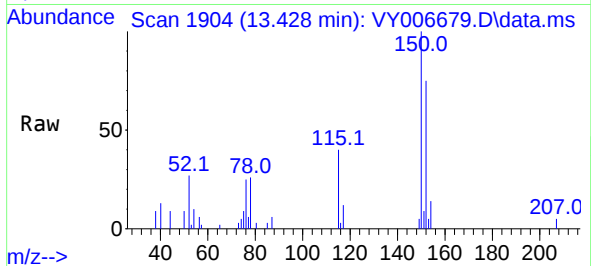
Tgt Ion:	117	Resp:	7917
Ion	Ratio	Lower	Upper
117	100		
82	50.7	45.7	68.5
119	33.7	25.5	38.3



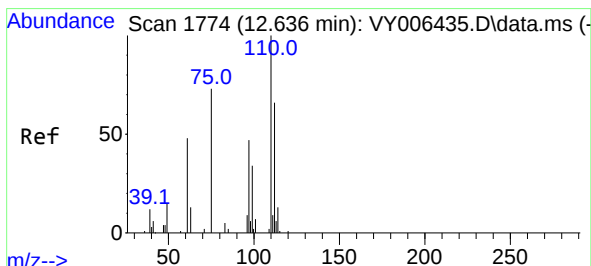
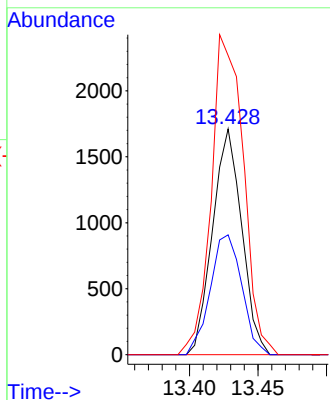
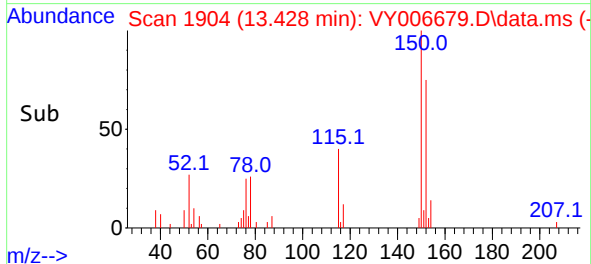


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

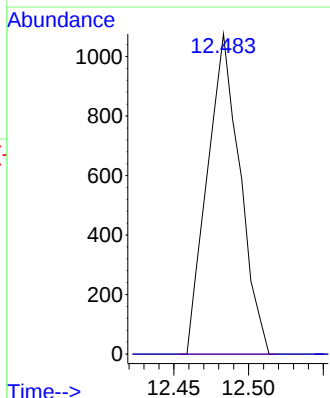
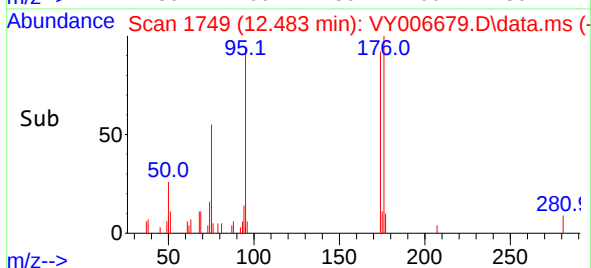
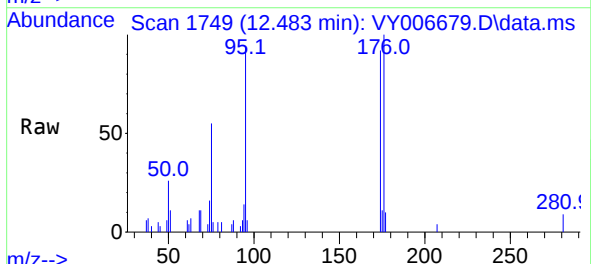


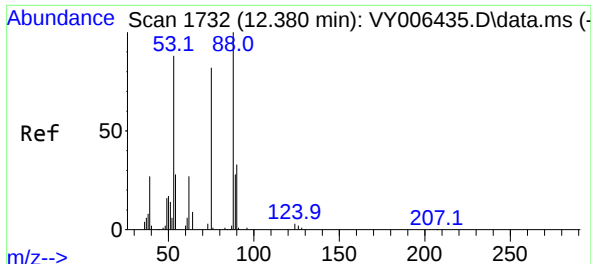
Tgt Ion:152 Resp: 2536
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.5
150 155.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 62.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

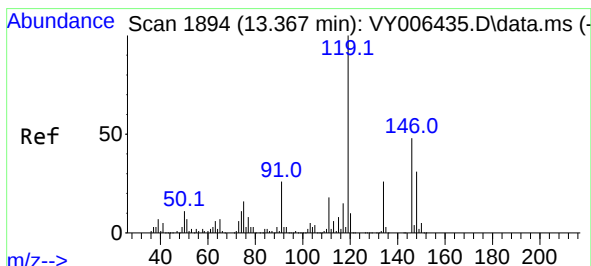
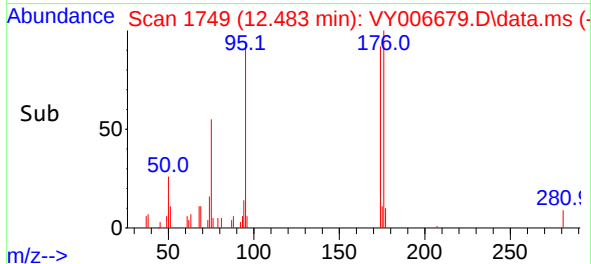
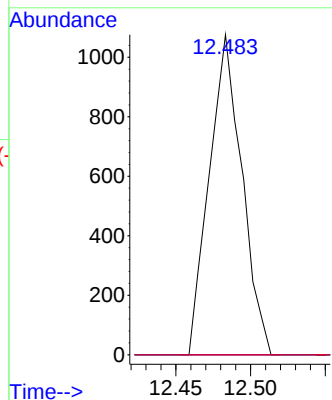
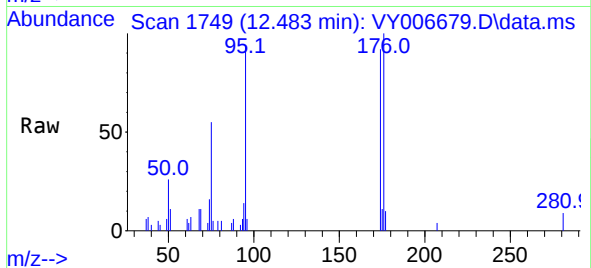




#81
trans-1,4-Dichloro-2-butene
Concen: 128.444 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#86
p-Isopropyltoluene
Concen: 4.030 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion: 119 Resp: 659
Ion Ratio Lower Upper
119 100
134 17.6 13.1 39.1
91 29.4 12.4 37.4

