

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006524.D
 Acq On : 28 Oct 2021 18:32
 Operator : SY/MD
 Sample : M4375-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 07:05:57 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)

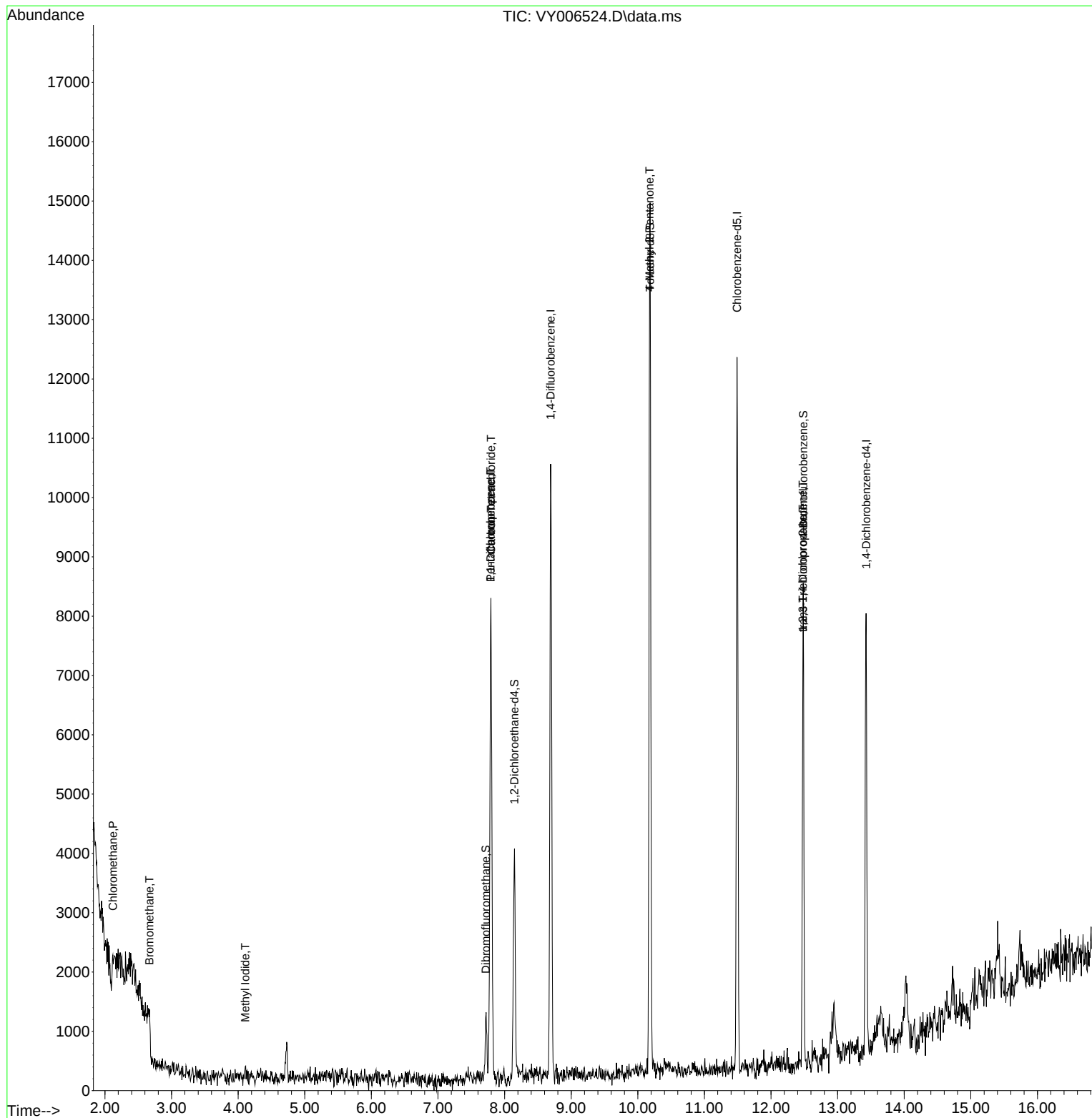
Internal Standards						
1) Pentafluorobenzene	7.789	168	6579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	8390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3203	39.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.120%
35) Dibromofluoromethane	7.716	113	752	16.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	32.160%#
50) Toluene-d8	10.185	98	10152	51.211	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.483	95	2205	33.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.040%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	132	1.608	ug/l #	43
5) Bromomethane	2.668	94	70	1.146	ug/l #	53
10) Methyl Iodide	4.107	142	158	7.251	ug/l #	36
20) Methylene Chloride	4.735	84	265	Below Cal	#	77
36) 1,1-Dichloropropene	7.789	75	500	6.031	ug/l #	42
38) Carbon Tetrachloride	7.795	117	669	7.315	ug/l #	12
51) 4-Methyl-2-Pentanone	10.179	43	60	1.125	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	1249	61.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1249	125.356	ug/l #	7

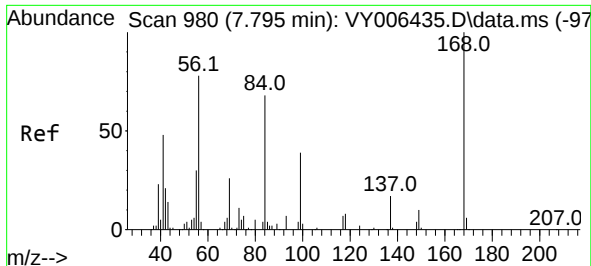
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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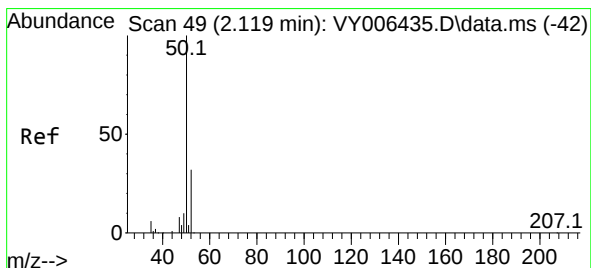
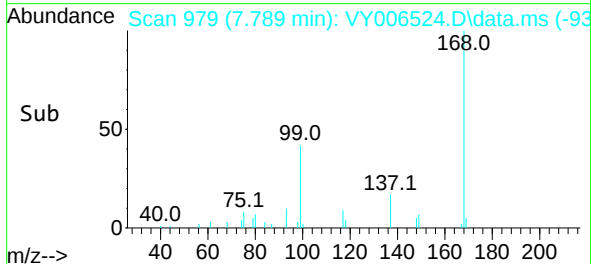
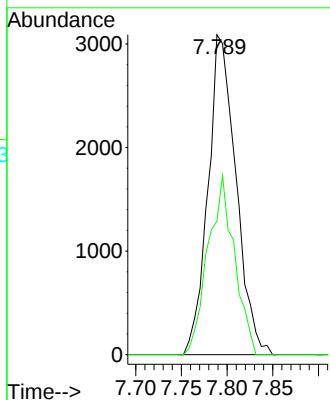
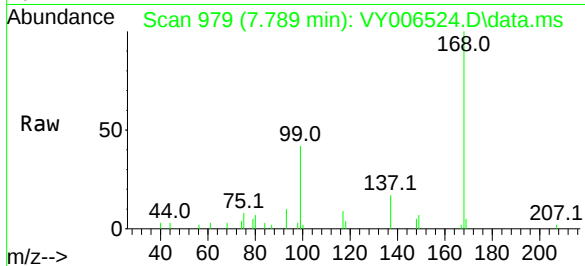




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

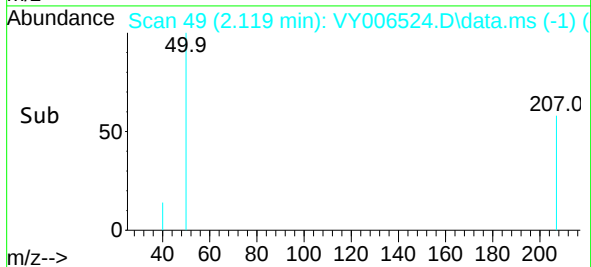
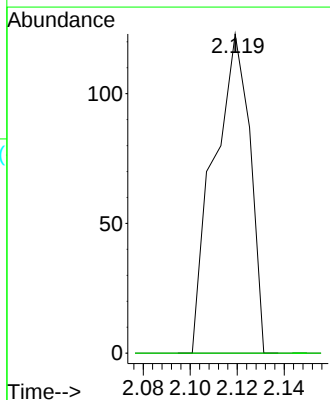
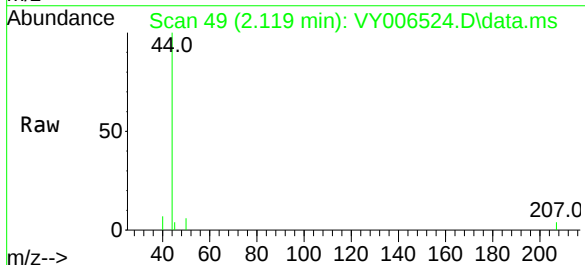
Instrument :
MSVOA_Y
ClientSampleId :

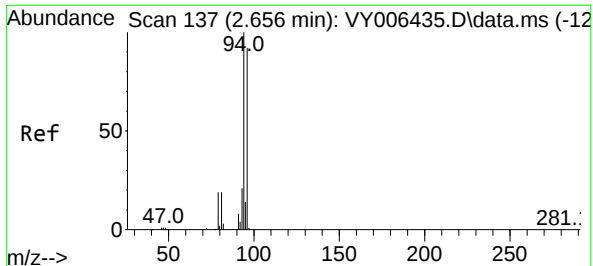
Tgt Ion:168 Resp: 6579
Ion Ratio Lower Upper
168 100
99 41.7 44.8 67.2#



#3
Chloromethane
Concen: 1.608 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Tgt Ion: 50 Resp: 132
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

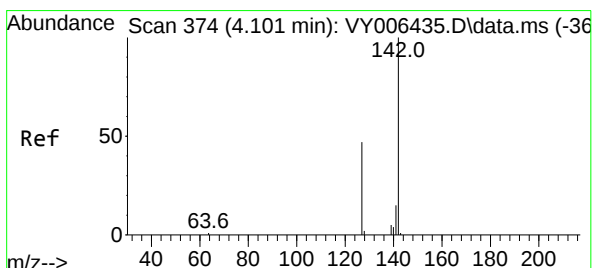
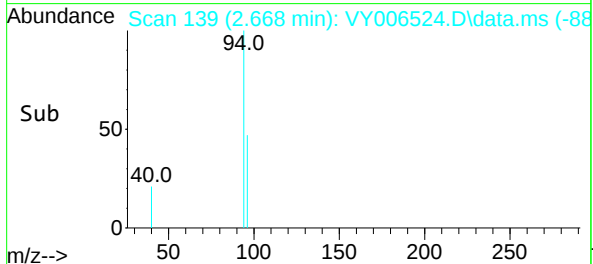
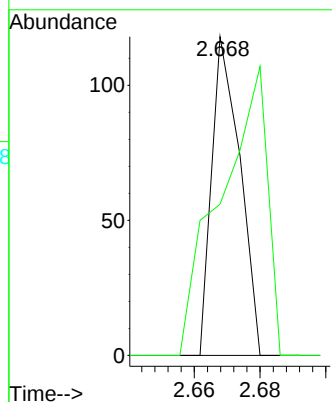
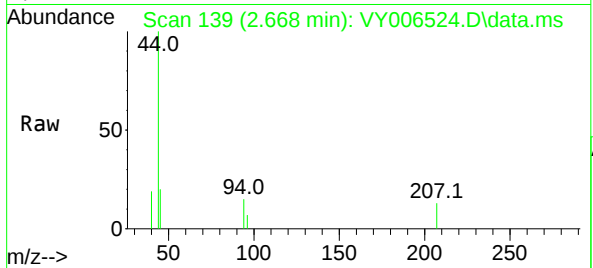




#5
Bromomethane
Concen: 1.146 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

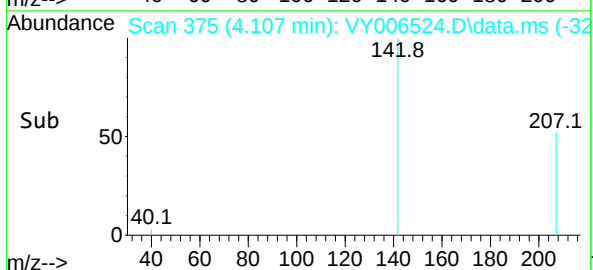
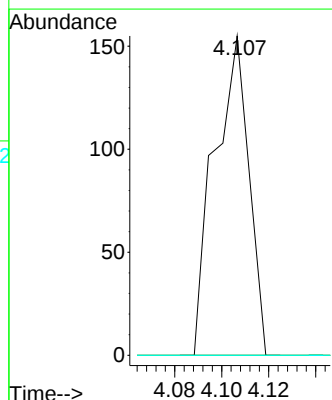
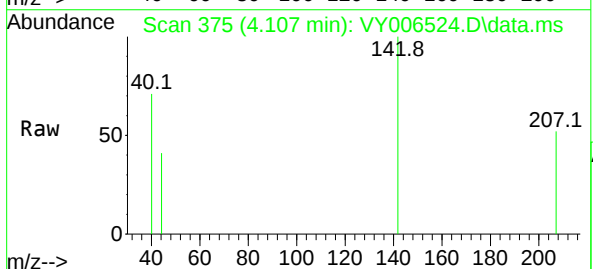
Instrument :
MSVOA_Y
ClientSampled :

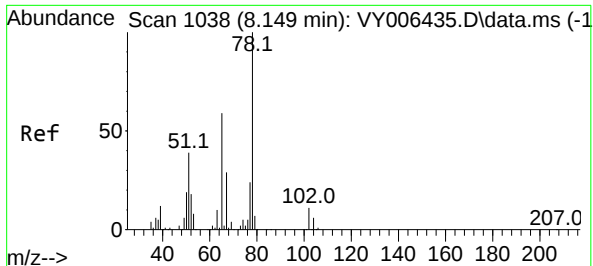
Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 47.5 73.5 110.3#



#10
Methyl Iodide
Concen: 7.251 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



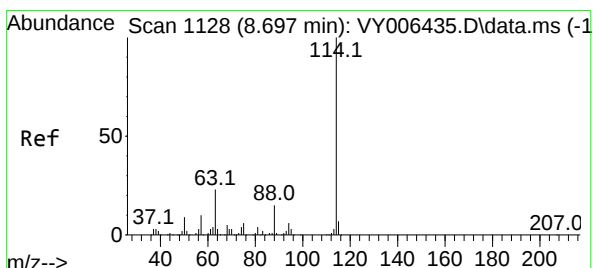
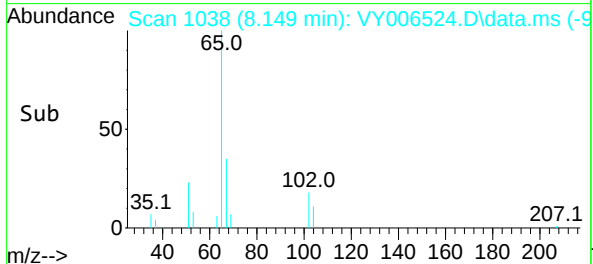
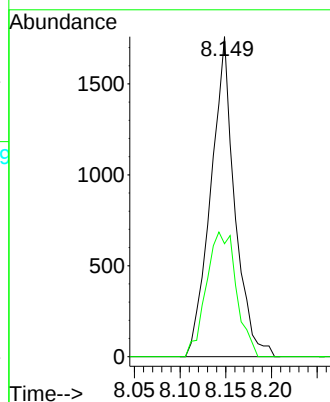
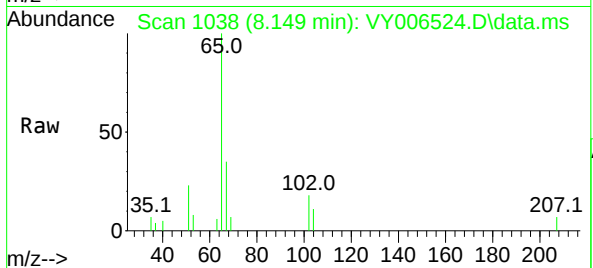


#33

1,2-Dichloroethane-d4
Concen: 39.563 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :

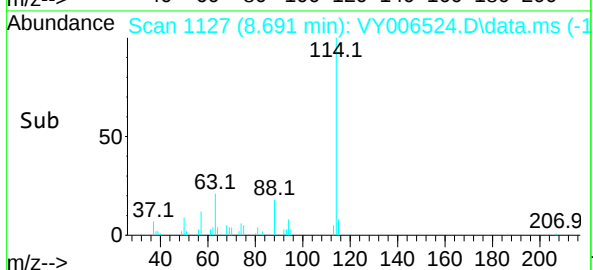
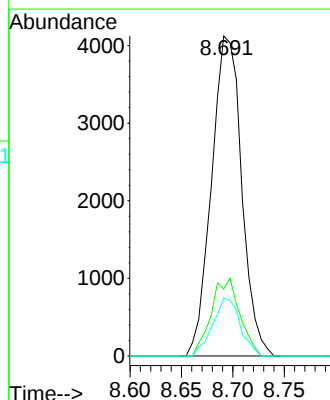
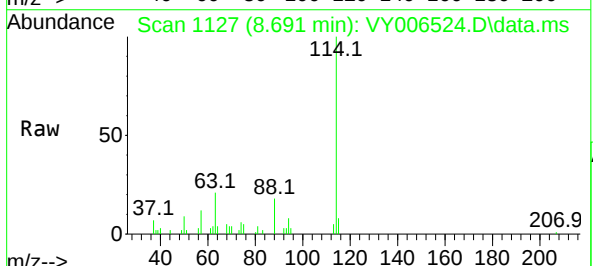
Tgt Ion: 65 Resp: 3203
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.2

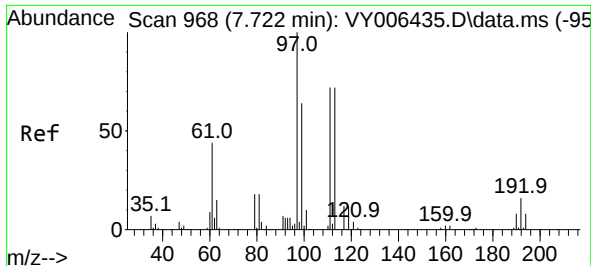


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Tgt Ion: 114 Resp: 8390
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 18.1 0.0 30.6

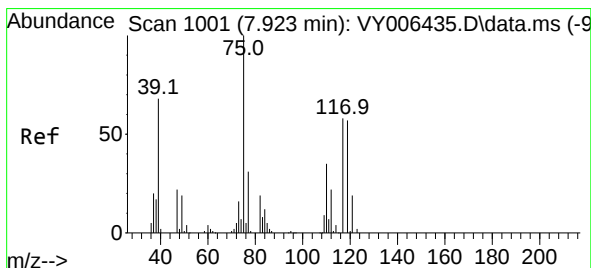
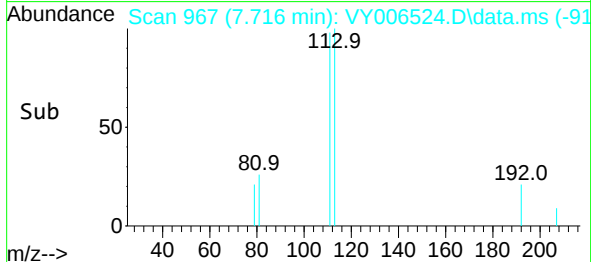
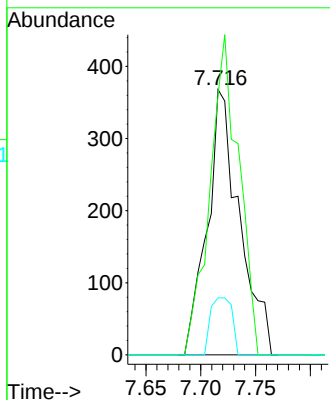
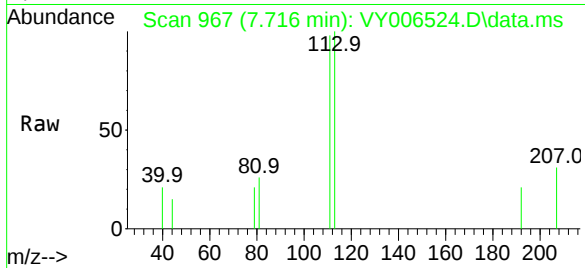




#35
Dibromofluoromethane
Concen: 16.081 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

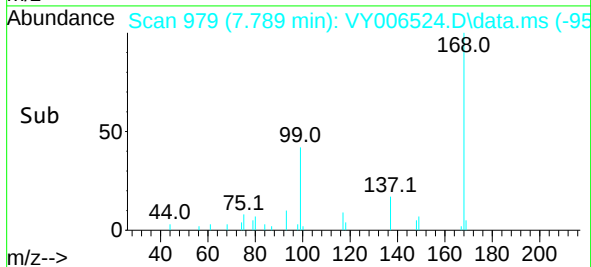
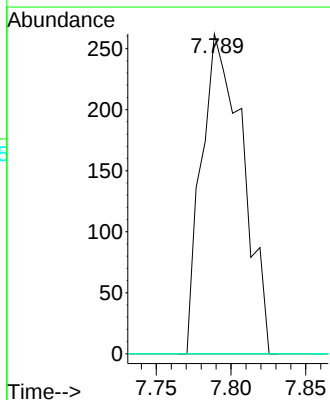
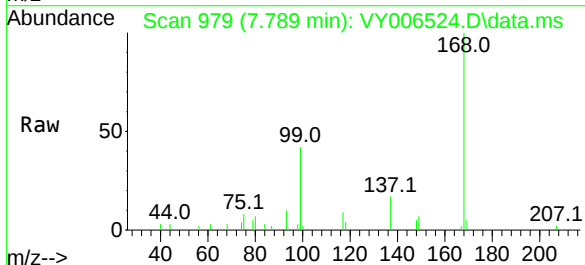
Instrument :
MSVOA_Y
ClientSampleId :

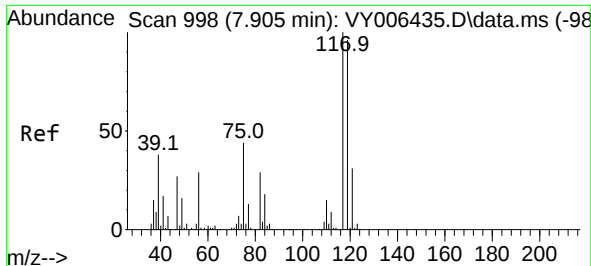
Tgt Ion:113 Resp: 752
Ion Ratio Lower Upper
113 100
111 108.6 82.3 123.5
192 14.4 17.4 26.2#



#36
1,1-Dichloropropene
Concen: 6.031 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

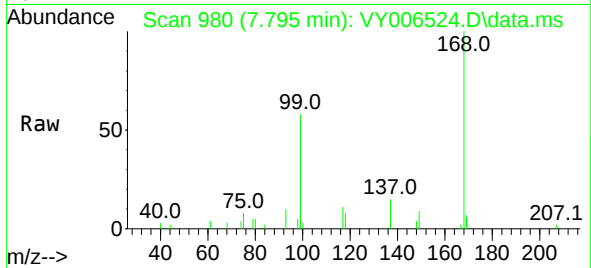
Tgt Ion: 75 Resp: 500
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



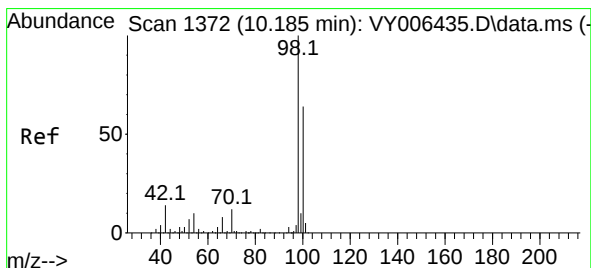
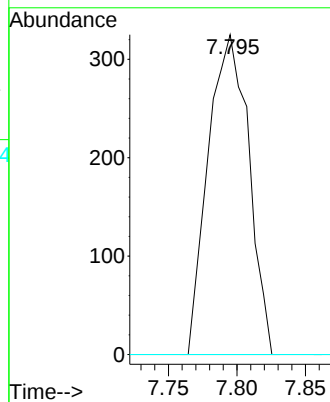
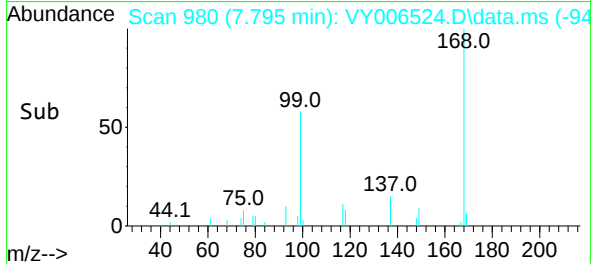


#38
Carbon Tetrachloride
Concen: 7.315 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

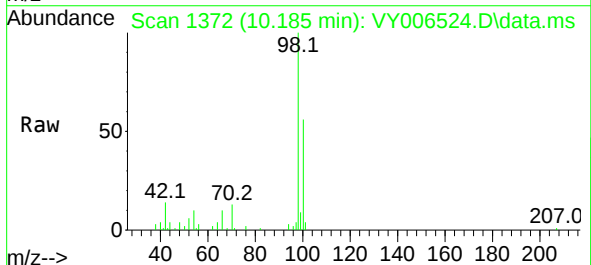
Instrument :
MSVOA_Y
ClientSampleId :



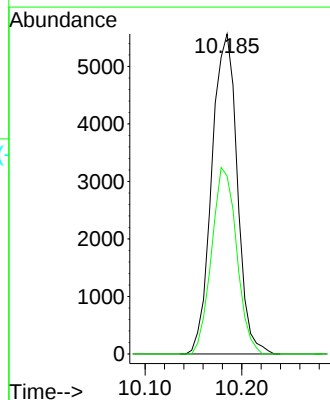
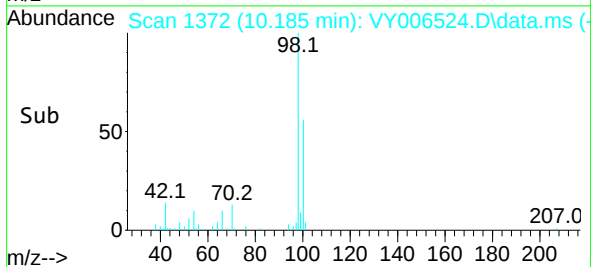
Tgt Ion:117 Resp: 669
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

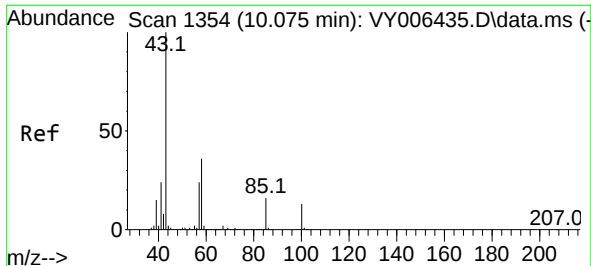


#50
Toluene-d8
Concen: 51.211 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32



Tgt Ion: 98 Resp: 10152
Ion Ratio Lower Upper
98 100
100 57.4 50.9 76.3

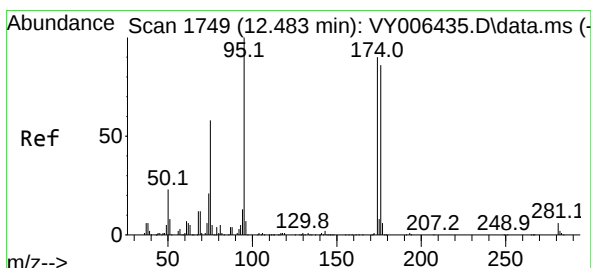
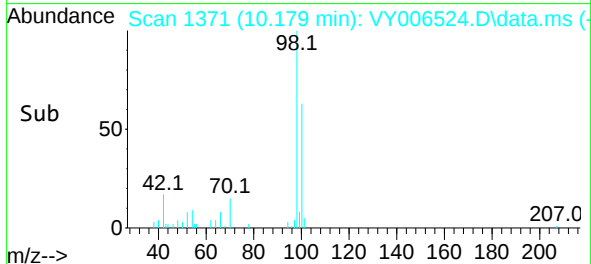
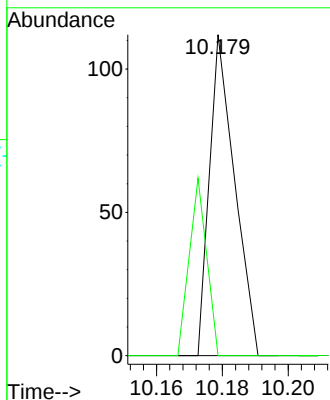
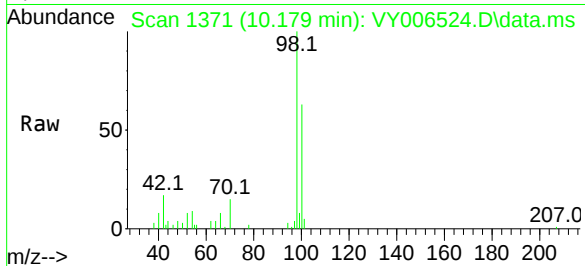




#51
4-Methyl-2-Pentanone
Concen: 1.125 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

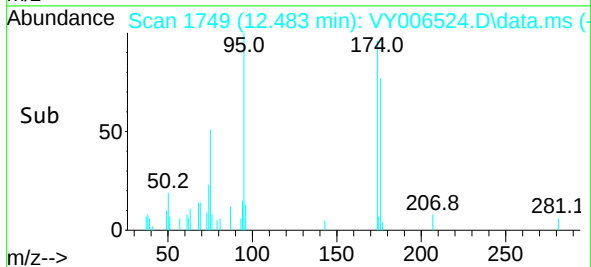
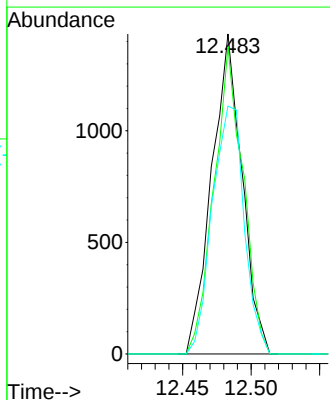
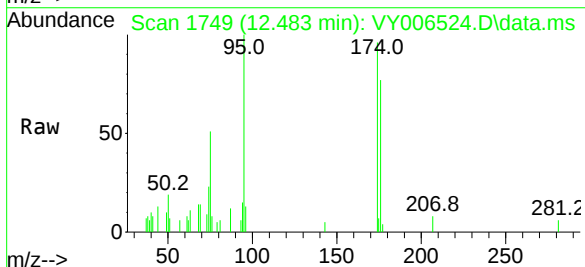
Instrument :
MSVOA_Y
ClientSampled :

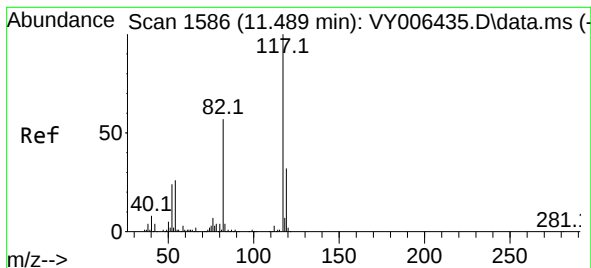
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 38.3 28.7 43.1



#62
4-Bromofluorobenzene
Concen: 33.020 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Tgt Ion: 95 Resp: 2205
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 81.6 0.0 169.4

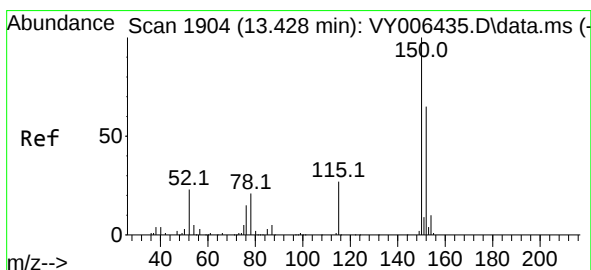
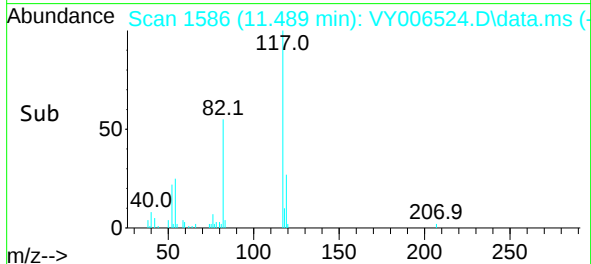
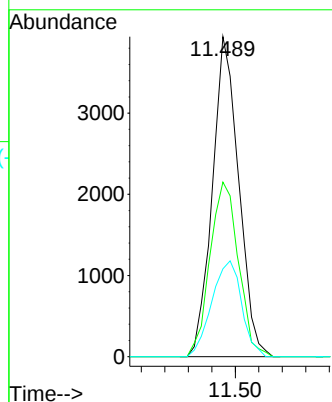
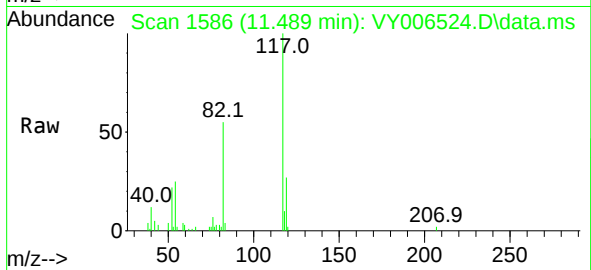




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

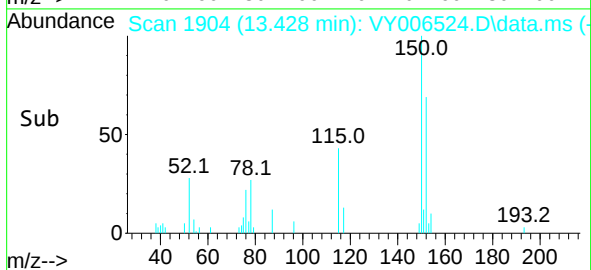
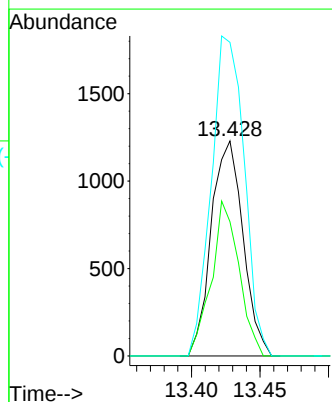
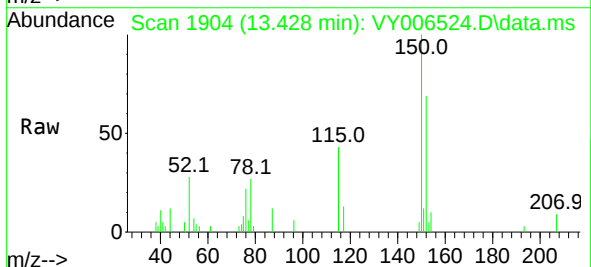
Instrument :
MSVOA_Y
ClientSampleId :

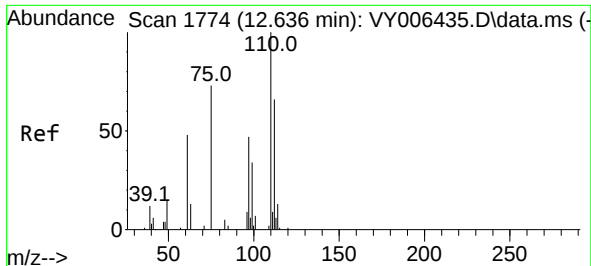
Tgt Ion:	117	Resp:	6129
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.7	68.5
119	27.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Tgt Ion:	152	Resp:	1985
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.5	85.5
150	154.1	0.0	348.2

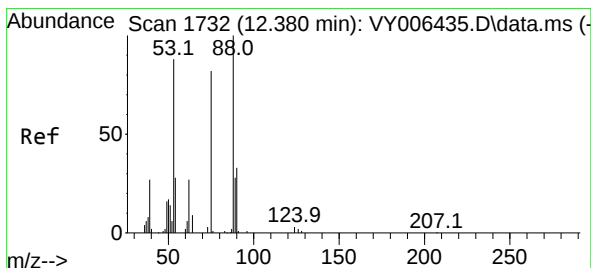
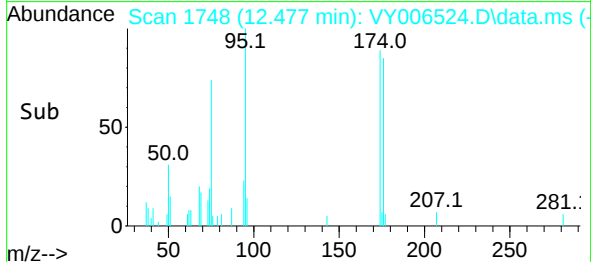
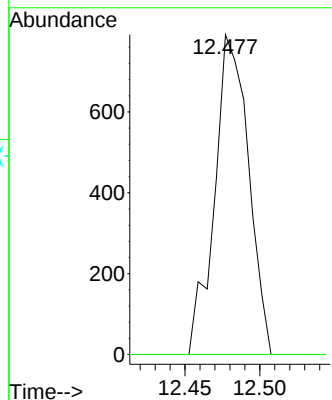
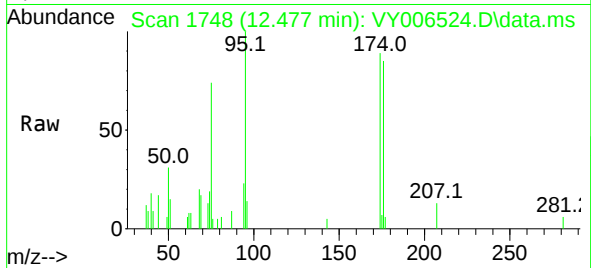




#76
1,2,3-Trichloropropane
Concen: 61.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1249
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 125.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY006524.D
Acq: 28 Oct 2021 18:32

Tgt Ion: 75 Resp: 1249
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

