

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006566.D
 Acq On : 01 Nov 2021 20:50
 Operator : SY/MD
 Sample : M4428-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:32:24 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)

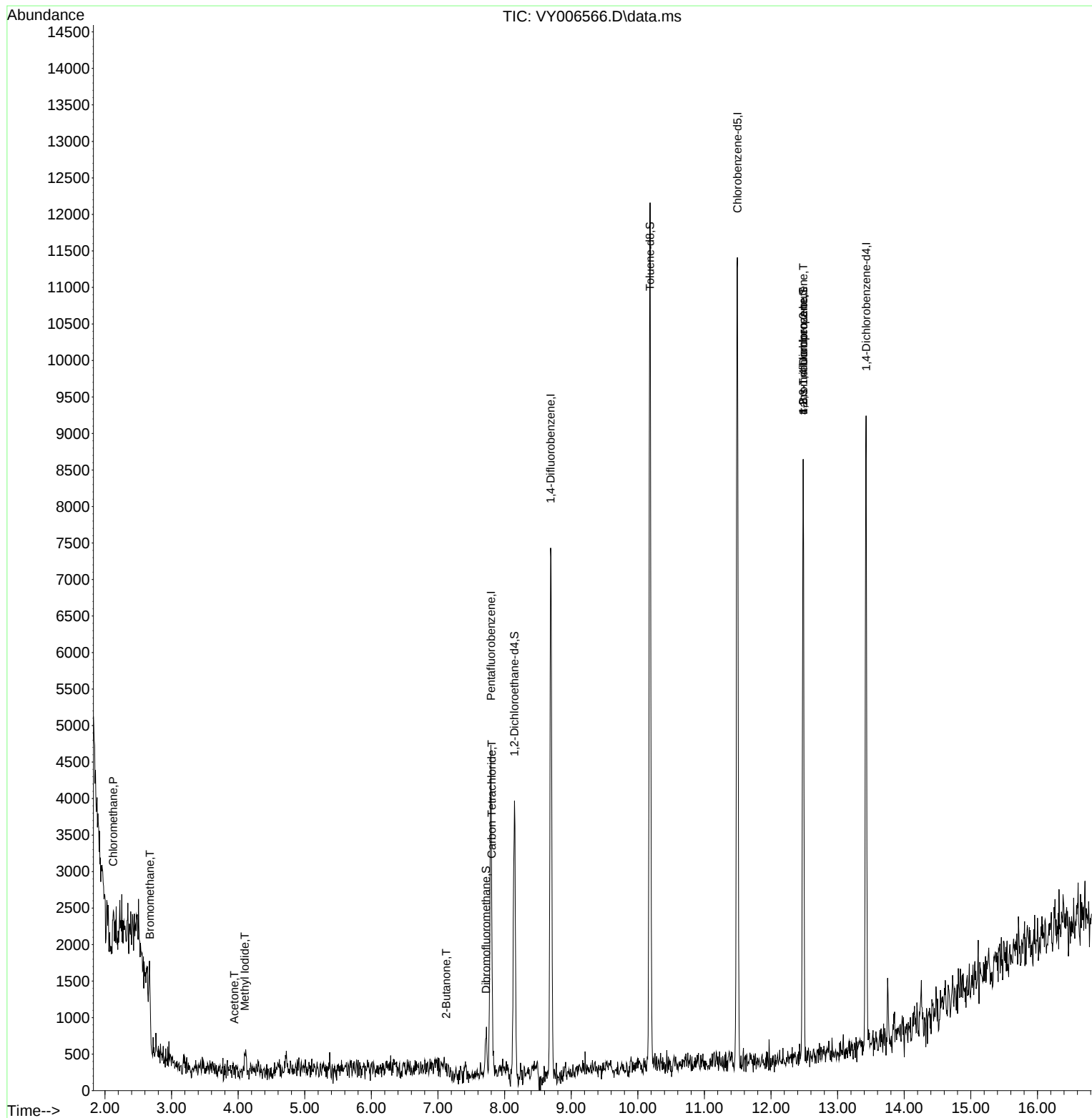
Internal Standards						
1) Pentafluorobenzene	7.795	168	3745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3371	73.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.300%	
35) Dibromofluoromethane	7.722	113	439	13.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 26.400%#	
50) Toluene-d8	10.185	98	7720	54.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.483	95	2396	50.458	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	246	5.265	ug/l #	43
5) Bromomethane	2.674	94	274	7.881	ug/l	99
10) Methyl Iodide	4.101	142	467	16.439	ug/l #	52
16) Acetone	3.942	43	22	1.658	ug/l #	46
25) 2-Butanone	7.124	43	23	1.323	ug/l #	52
38) Carbon Tetrachloride	7.807	117	286	4.398	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1461	62.540	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1461	128.393	ug/l #	7

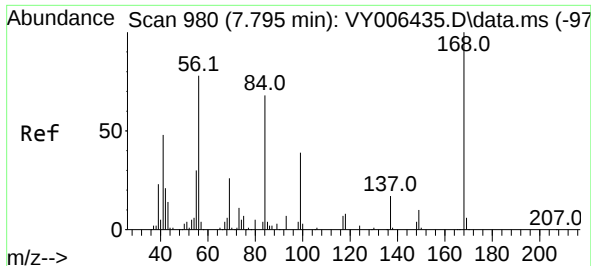
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
Data File : VY006566.D
Acq On : 01 Nov 2021 20:50
Operator : SY/MD
Sample : M4428-01
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 02 03:32:24 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

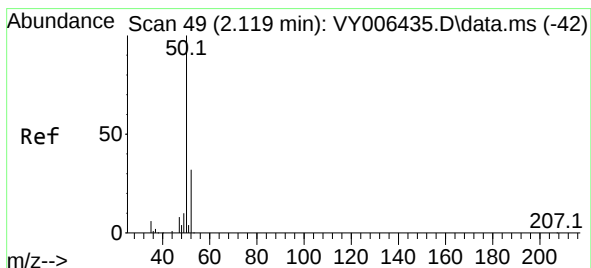
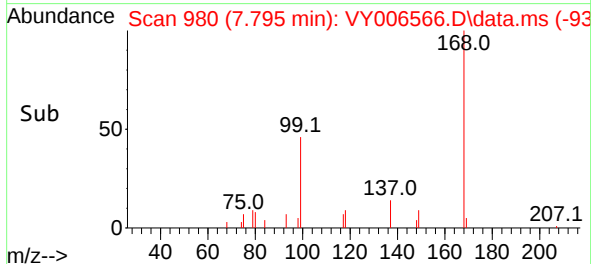
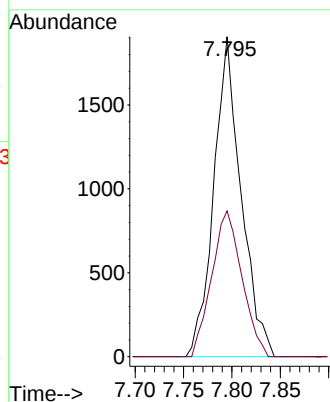
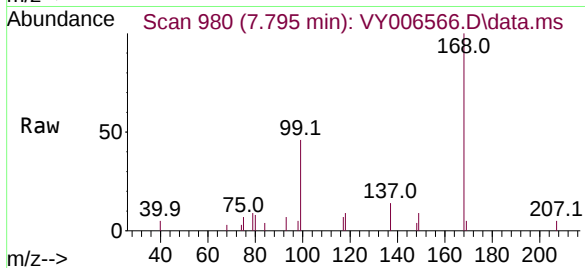




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

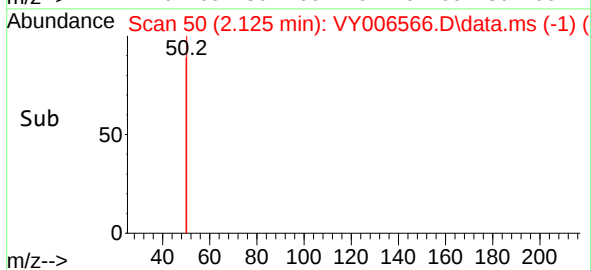
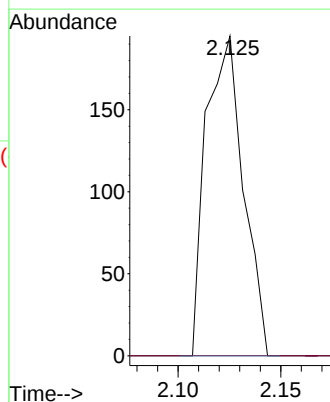
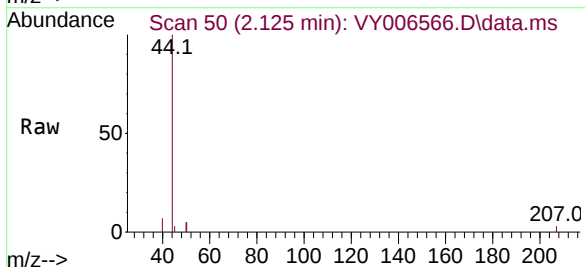
Instrument :
MSVOA_Y
ClientSampleId :

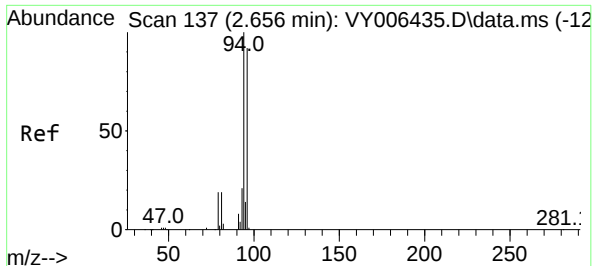
Tgt Ion:168 Resp: 3745
Ion Ratio Lower Upper
168 100
99 45.6 44.8 67.2



#3
Chloromethane
Concen: 5.265 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion: 50 Resp: 246
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

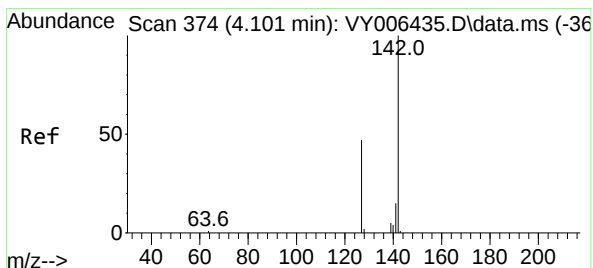
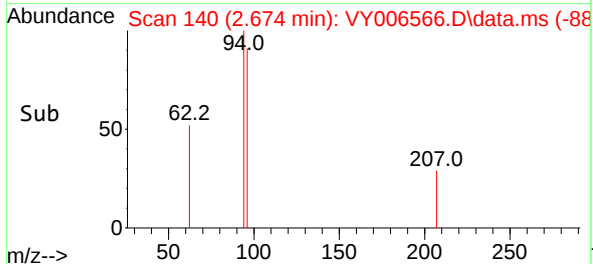
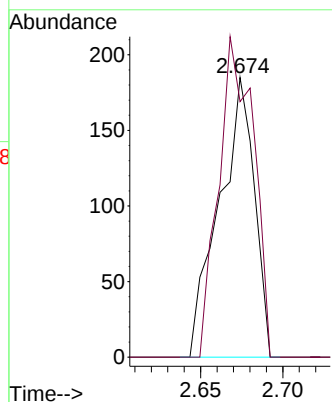
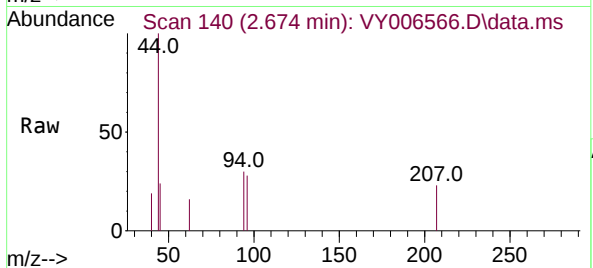




#5
Bromomethane
Concen: 7.881 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

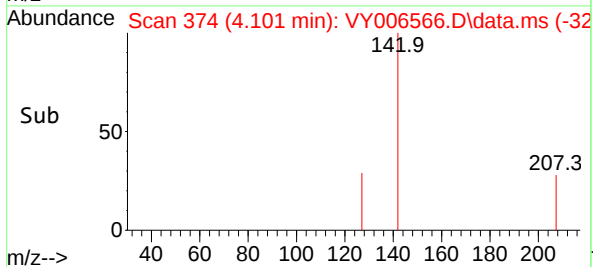
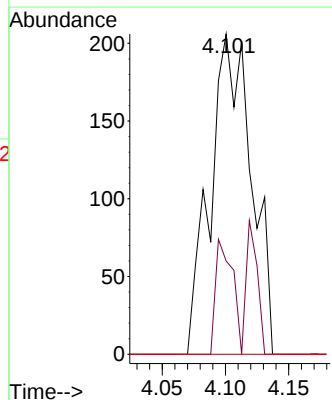
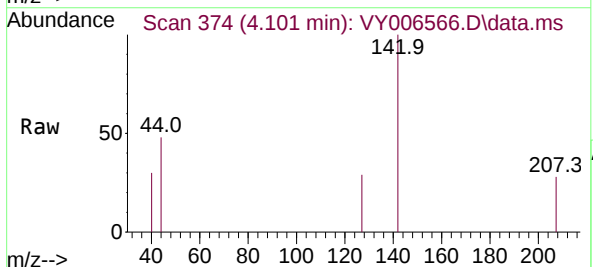
Instrument :
MSVOA_Y
ClientSampleId :

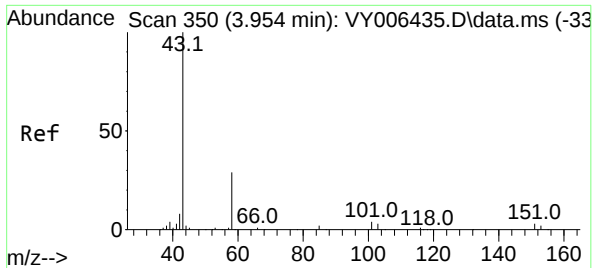
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 91.4 73.5 110.3



#10
Methyl Iodide
Concen: 16.439 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion: 142 Resp: 467
Ion Ratio Lower Upper
142 100
127 14.8 40.1 60.1#
141 0.0 12.5 18.7#

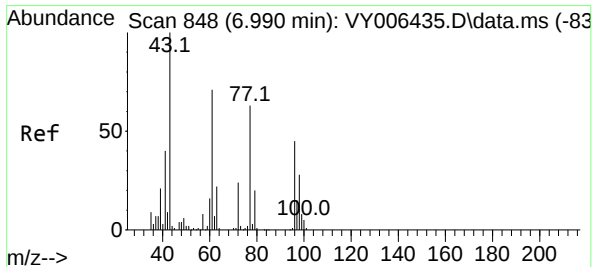
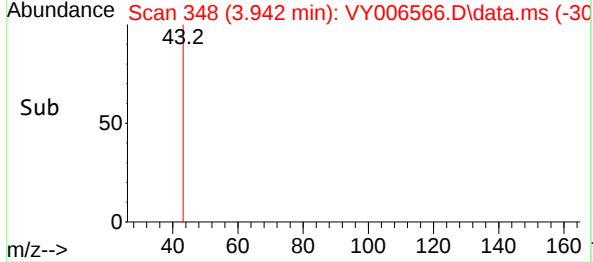
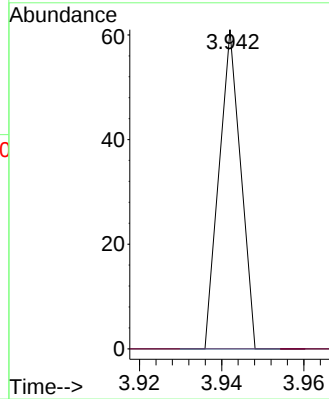
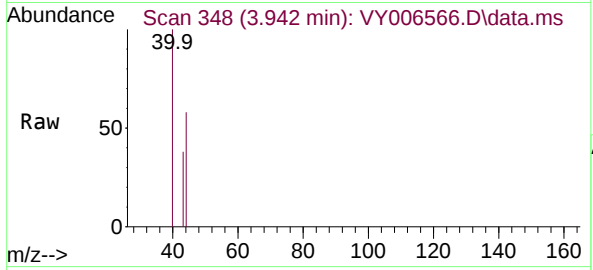




#16
Acetone
Concen: 1.658 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

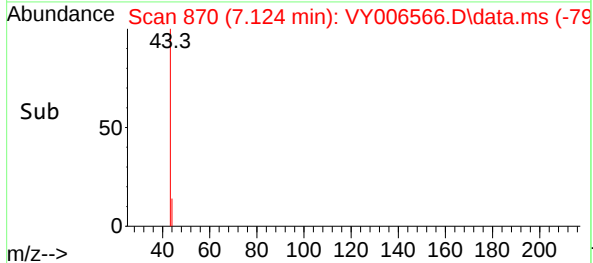
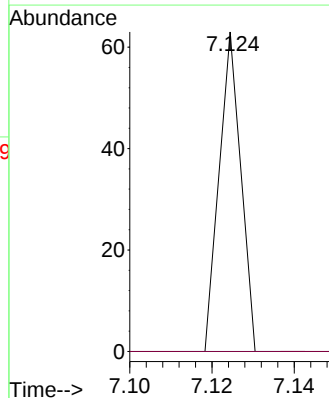
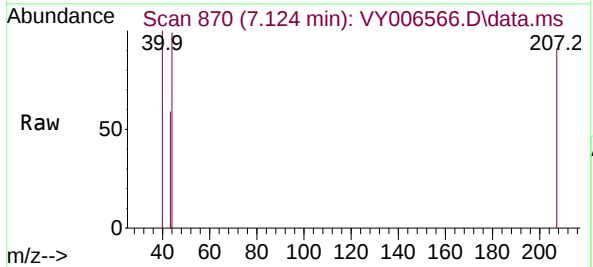
Instrument :
MSVOA_Y
ClientSampleId :

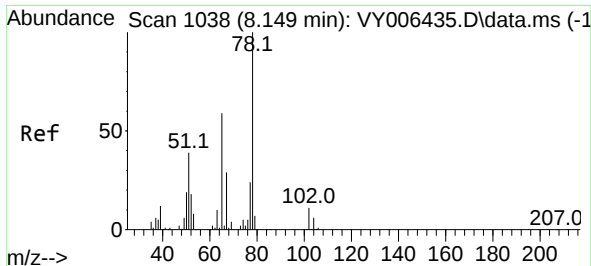
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#25
2-Butanone
Concen: 1.323 ug/l
RT: 7.124 min Scan# 870
Delta R.T. 0.134 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

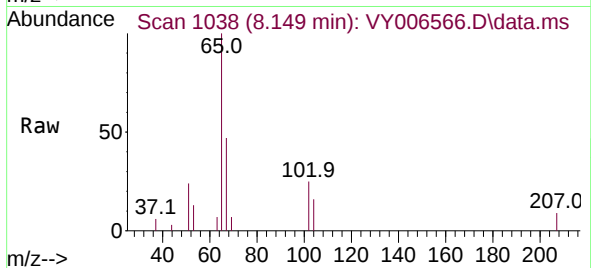
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



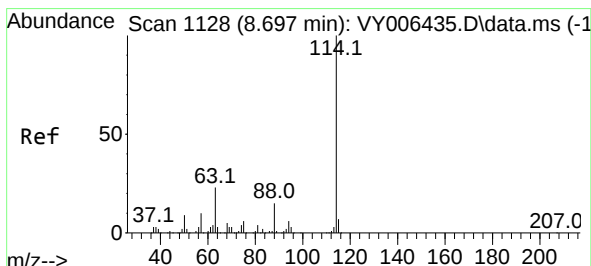
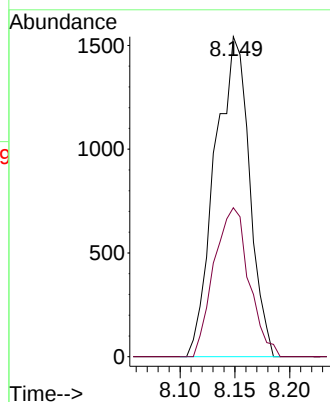
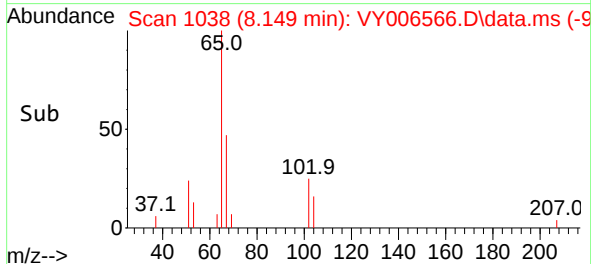


#33
 1,2-Dichloroethane-d4
 Concen: 73.148 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006566.D
 Acq: 01 Nov 2021 20:50

Instrument :
 MSVOA_Y
 ClientSampleId :

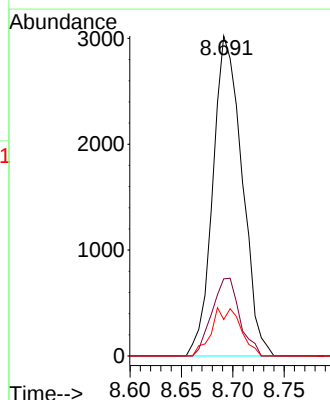
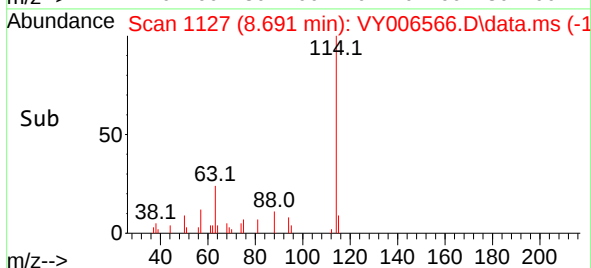
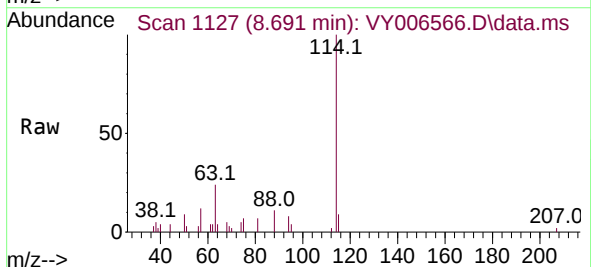


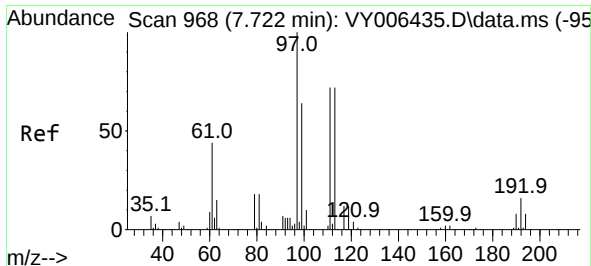
Tgt Ion: 65 Resp: 3371
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006566.D
 Acq: 01 Nov 2021 20:50

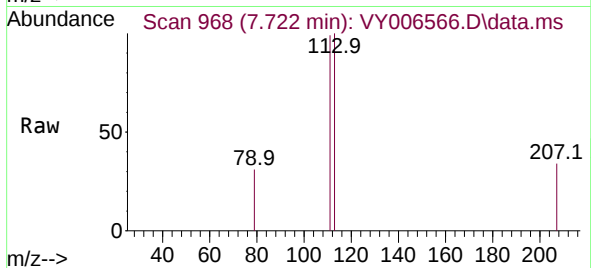
Tgt Ion: 114 Resp: 5966
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.0
 88 11.4 0.0 30.6



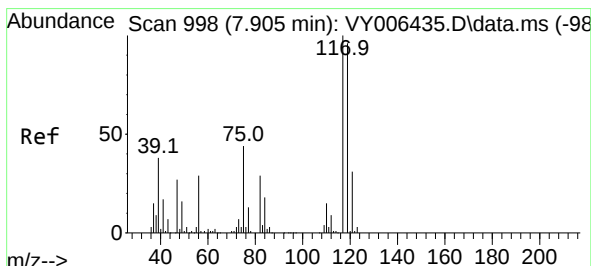
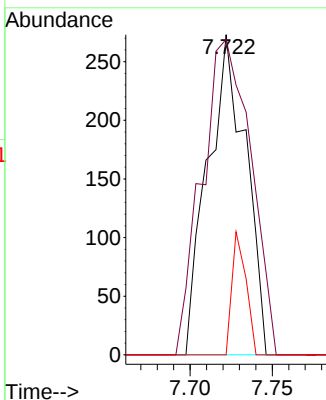
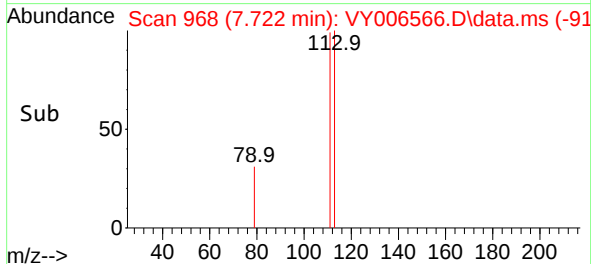


#35
Dibromofluoromethane
Concen: 13.202 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Instrument :
MSVOA_Y
ClientSampleId :

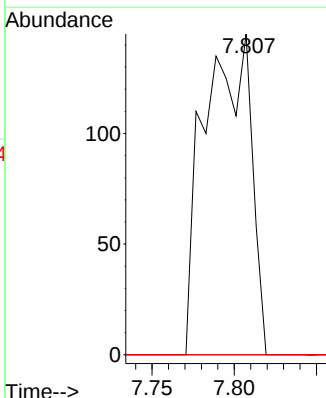
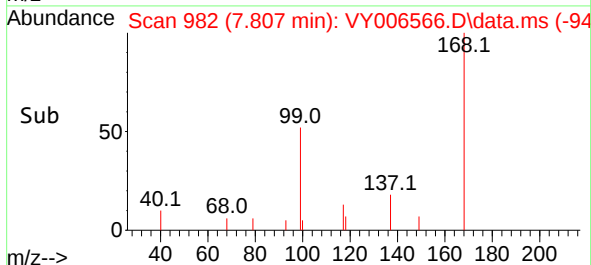
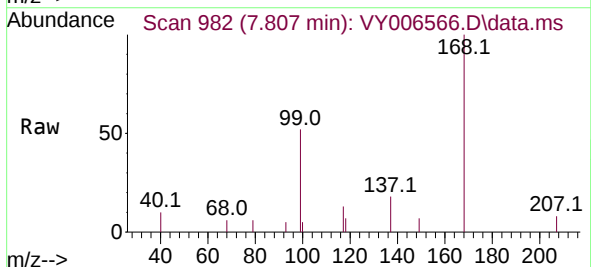


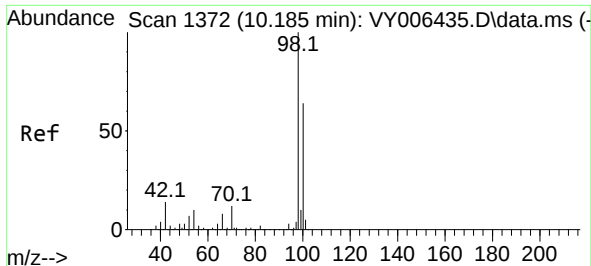
Tgt Ion:113 Resp: 439
Ion Ratio Lower Upper
113 100
111 126.7 82.3 123.5#
192 14.1 17.4 26.2#



#38
Carbon Tetrachloride
Concen: 4.398 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.098 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion:117 Resp: 286
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

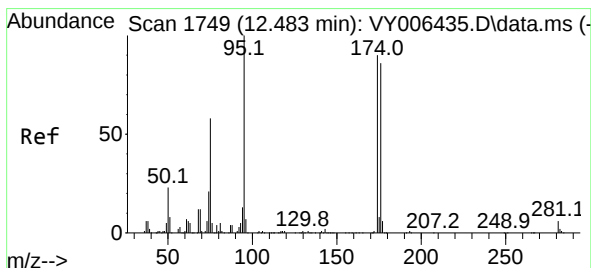
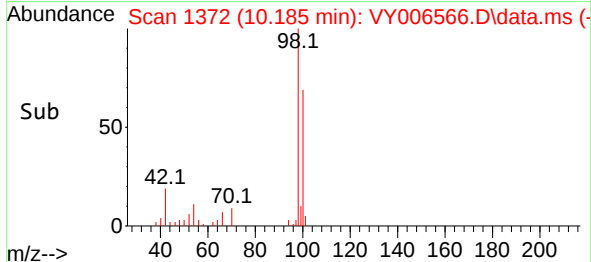
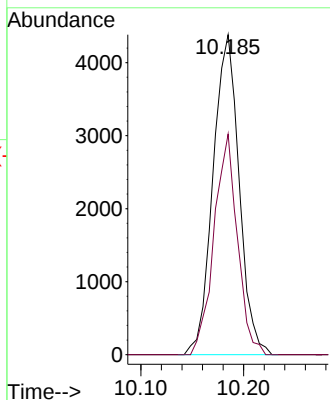
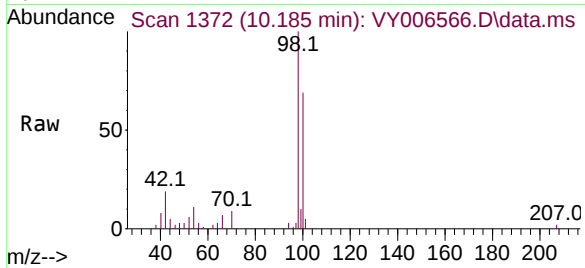




#50
Toluene-d8
Concen: 54.766 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

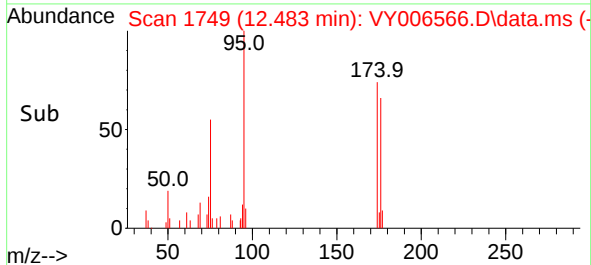
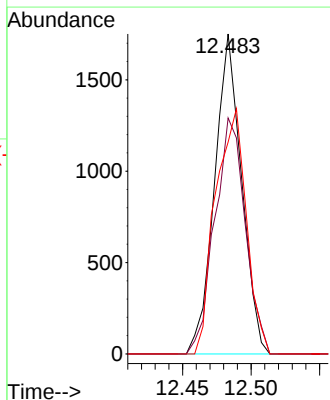
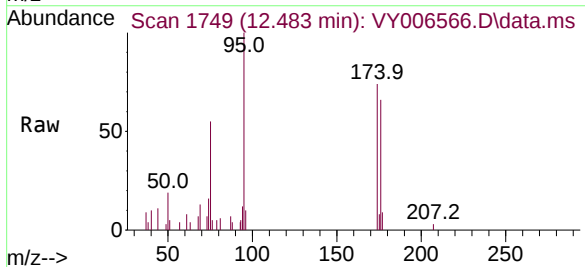
Instrument :
MSVOA_Y
ClientSampleId :

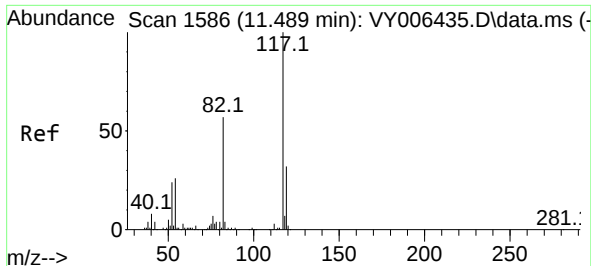
Tgt Ion: 98 Resp: 7720
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion: 95 Resp: 2396
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 87.8 0.0 169.4

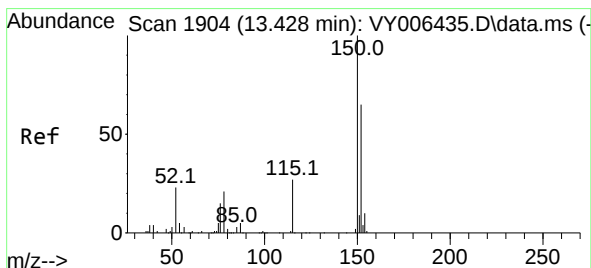
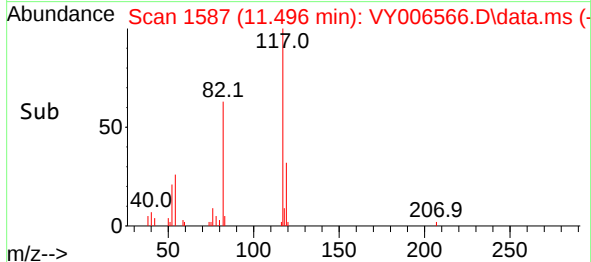
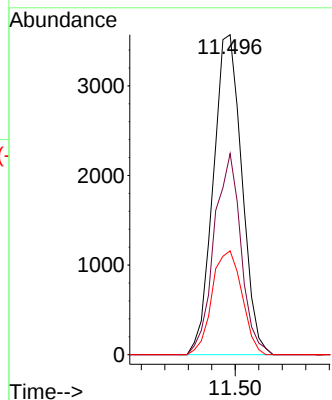
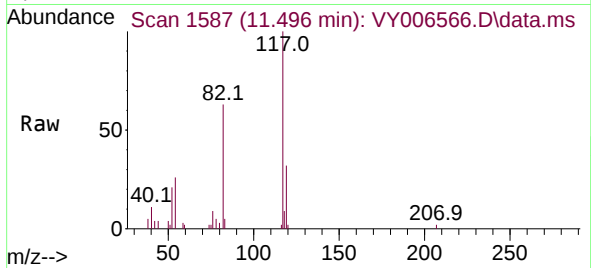




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

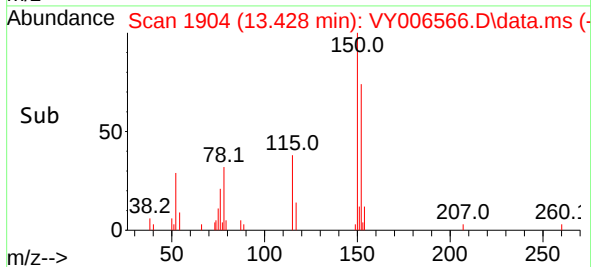
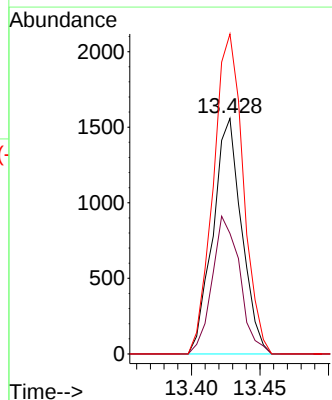
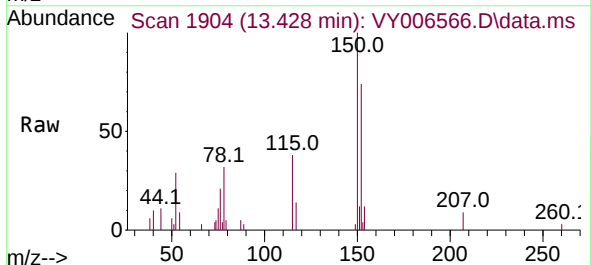
Instrument :
MSVOA_Y
ClientSampleId :

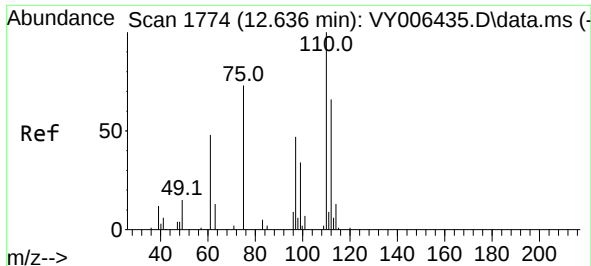
Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.9	45.7	68.5
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.5	85.5
150	141.6	0.0	348.2

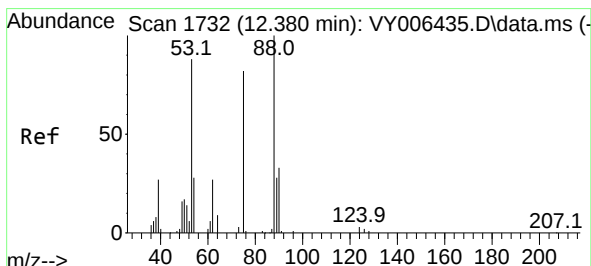
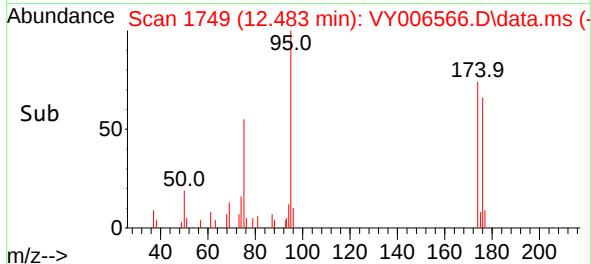
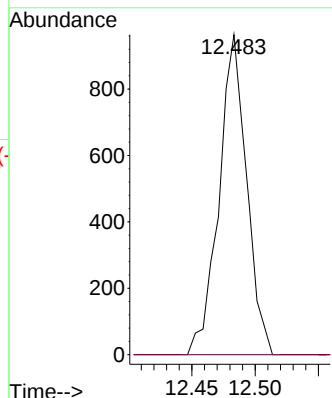
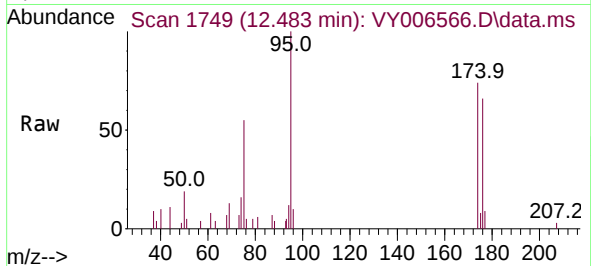




#76
1,2,3-Trichloropropane
Concen: 62.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1461
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 128.393 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion: 75 Resp: 1461
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

