

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007280.D
 Acq On : 24 Jan 2022 19:42
 Operator : SY/MD
 Sample : N1245-07
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	79066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54019	55.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.360%
35) Dibromofluoromethane	7.722	113	49360	49.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.185	98	181158	49.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.483	95	61245	47.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.440%

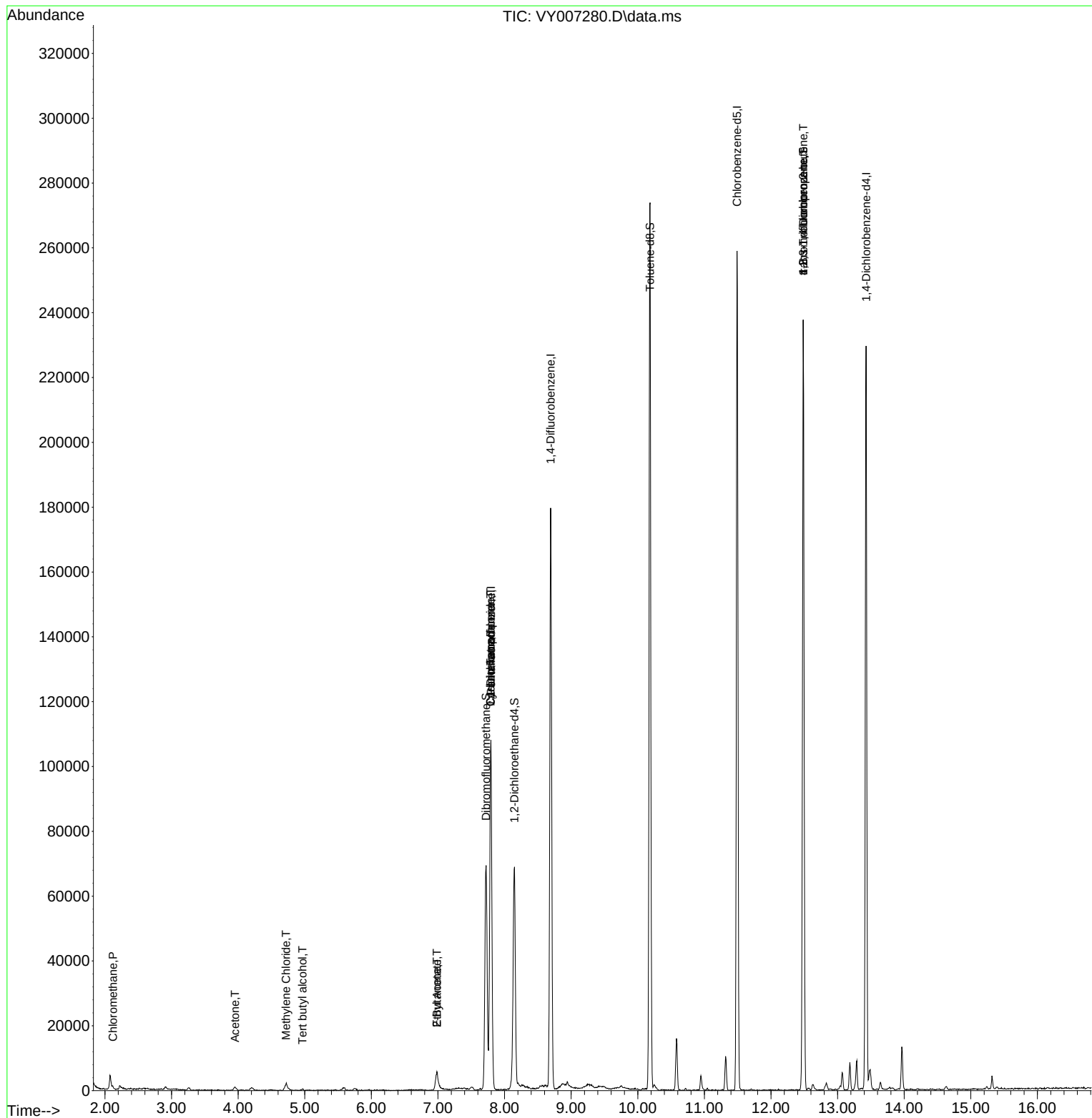
Target Compounds					Qvalue	
3) Chloromethane	2.119	50	628	1.080	ug/l #	75
11) Tert butyl alcohol	4.966	59	532	1.650	ug/l #	73
16) Acetone	3.954	43	1796	7.133	ug/l	94
20) Methylene Chloride	4.716	84	1430	1.374	ug/l #	76
25) 2-Butanone	6.984	43	1267	3.892	ug/l	93
31) Cyclohexane	7.789	56	1961	1.196	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	6785	4.257	ug/l #	51
37) Ethyl Acetate	6.984	43	1267	1.549	ug/l #	81
38) Carbon Tetrachloride	7.789	117	8435	5.032	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	33426	53.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33426	97.260	ug/l #	3

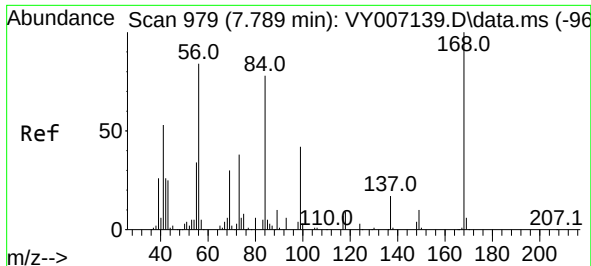
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
Data File : VY007280.D
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Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

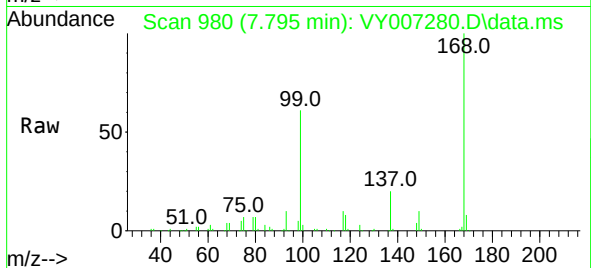
Quant Time: Jan 25 00:35:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
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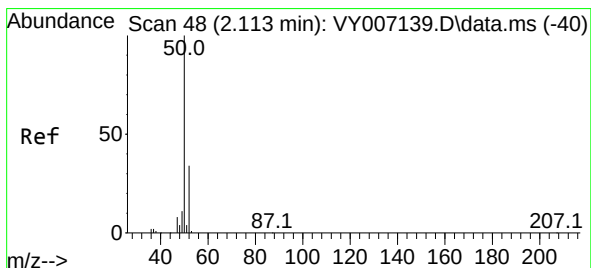
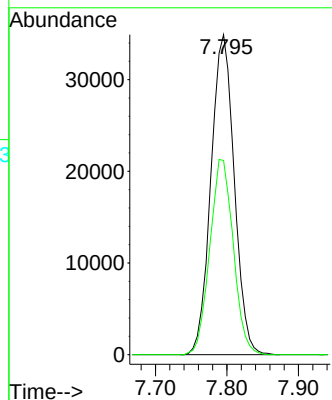
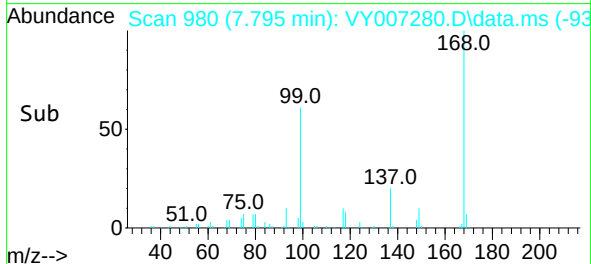


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :

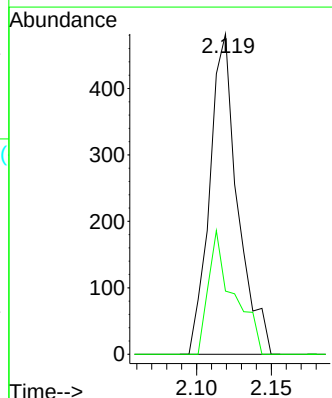
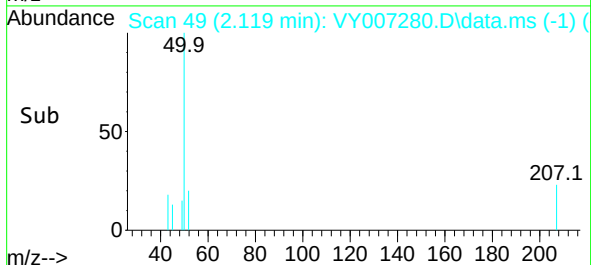
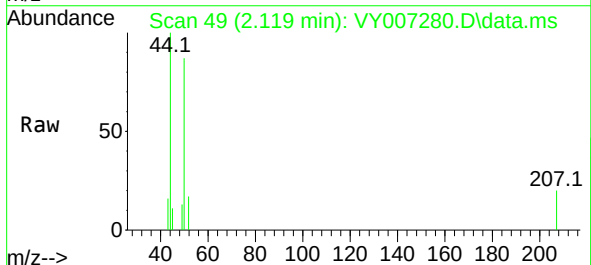


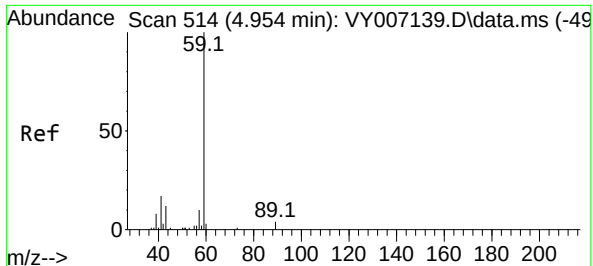
Tgt Ion:168 Resp: 79066
Ion Ratio Lower Upper
168 100
99 60.7 49.1 73.7



#3
Chloromethane
Concen: 1.080 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

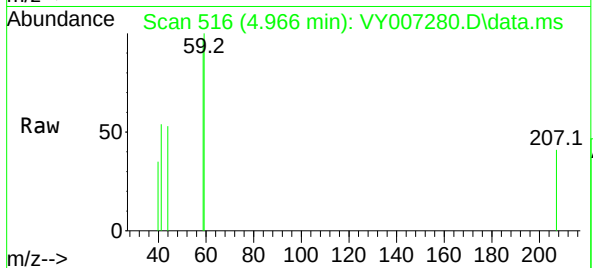
Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 19.7 27.1 40.7#



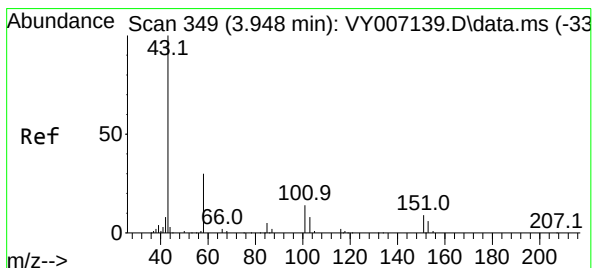
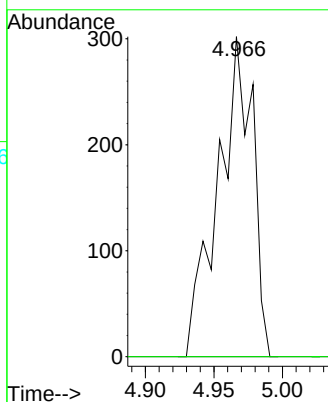
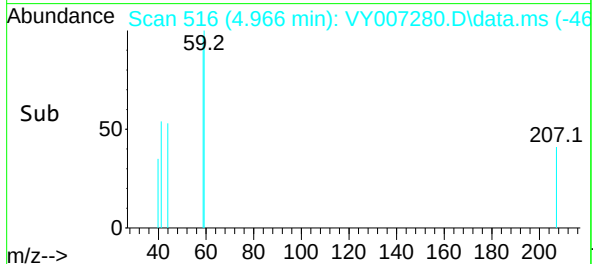


#11
Tert butyl alcohol
Concen: 1.650 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

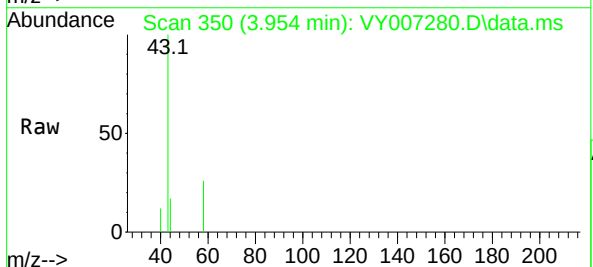
Instrument :
MSVOA_Y
ClientSampleId :



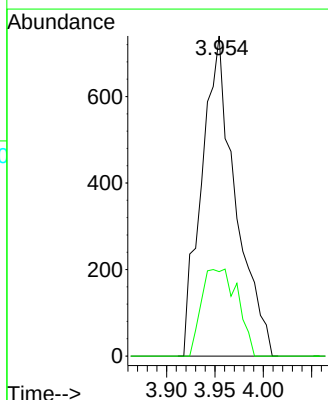
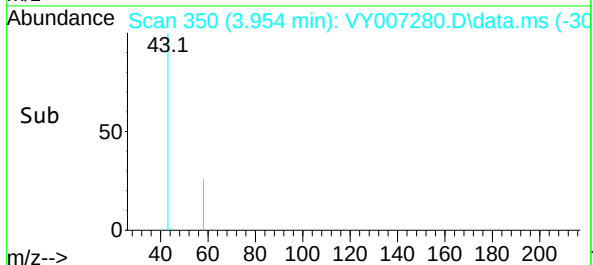
Tgt Ion: 59 Resp: 532
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

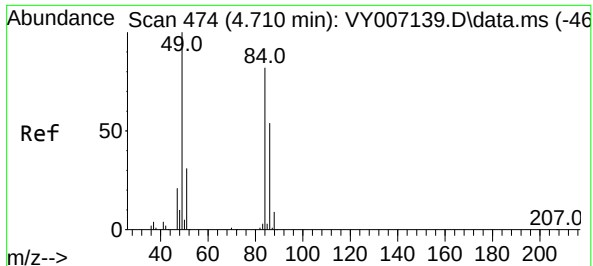


#16
Acetone
Concen: 7.133 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42



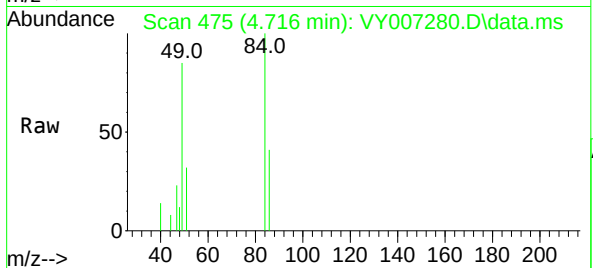
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.6



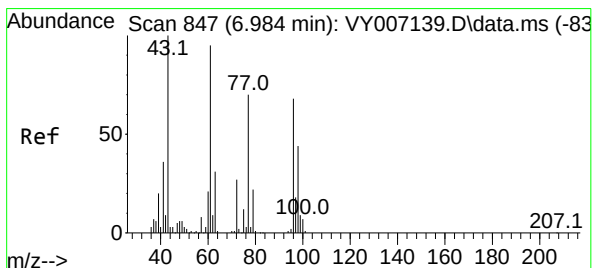
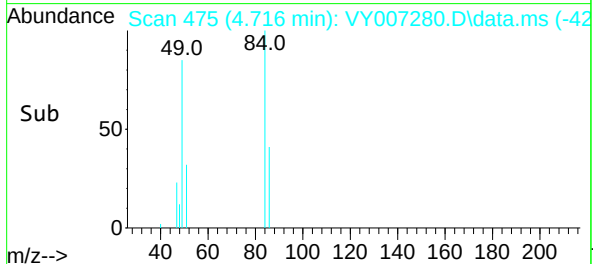
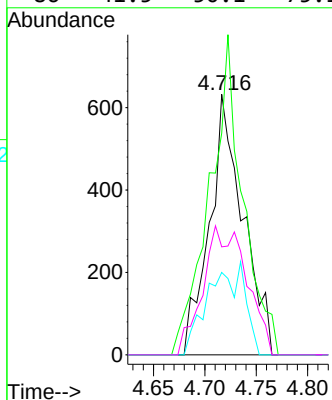


#20
Methylene Chloride
Concen: 1.374 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :

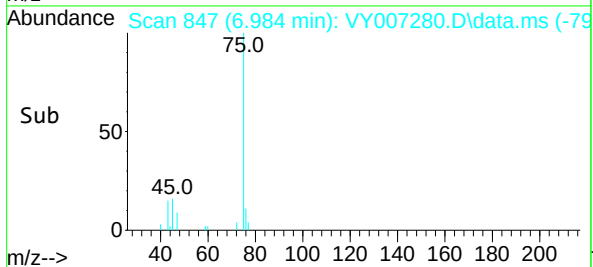
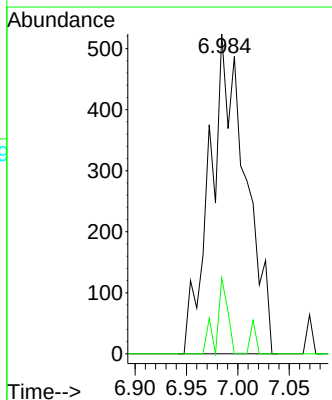
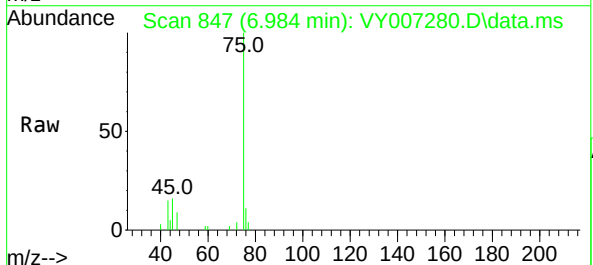


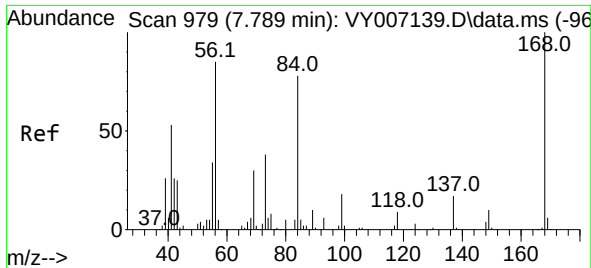
Tgt Ion: 84 Resp: 1430
Ion Ratio Lower Upper
84 100
49 85.1 92.6 139.0#
51 31.6 28.6 42.8
86 41.5 50.1 75.1#



#25
2-Butanone
Concen: 3.892 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.001 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

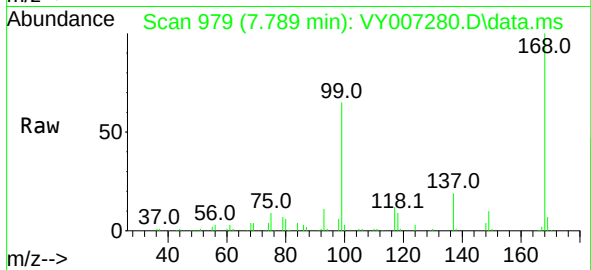
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
72 23.7 21.9 32.9



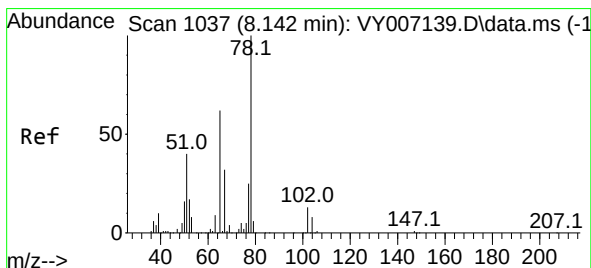
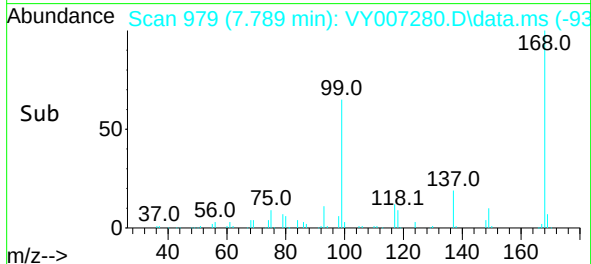
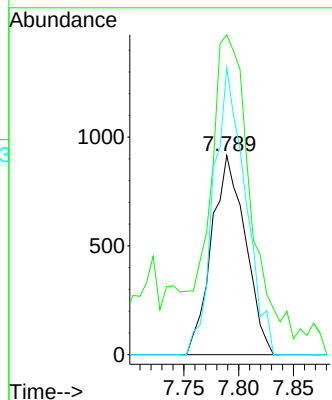


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :

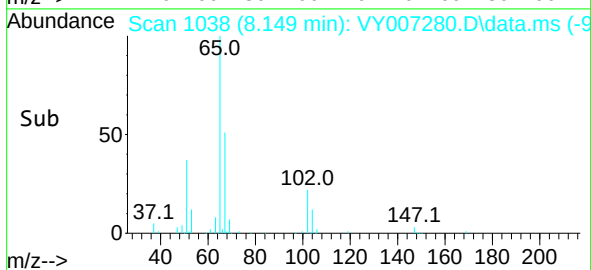
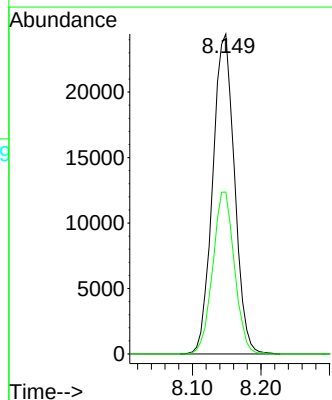
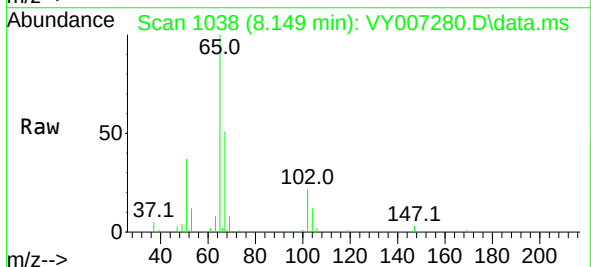


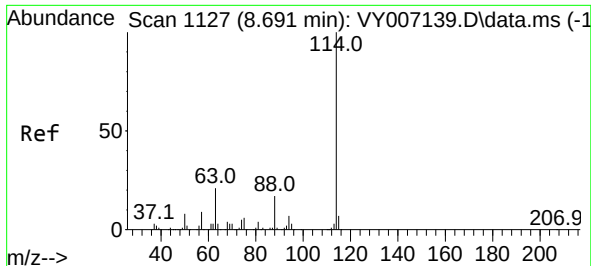
Tgt Ion: 56 Resp: 1961
Ion Ratio Lower Upper
56 100
69 144.1 27.2 40.8#
84 143.9 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 55.681 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Tgt Ion: 65 Resp: 54019
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.6

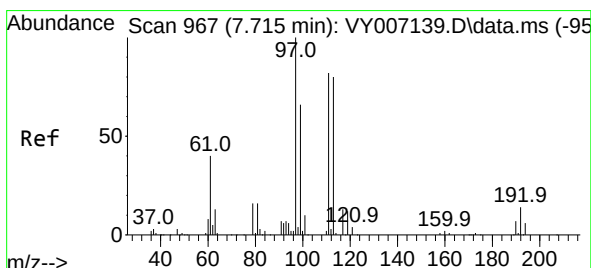
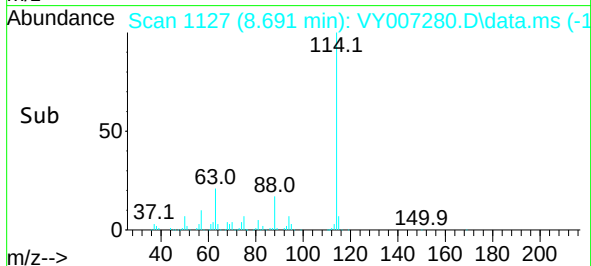
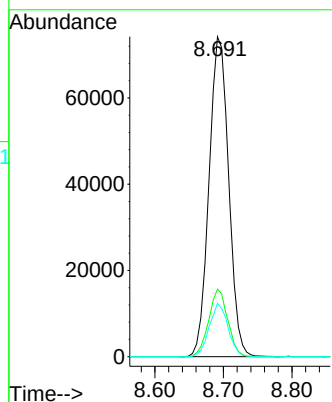
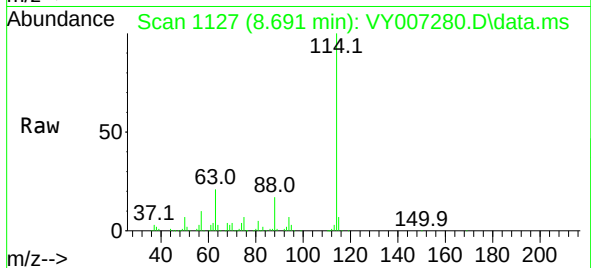




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

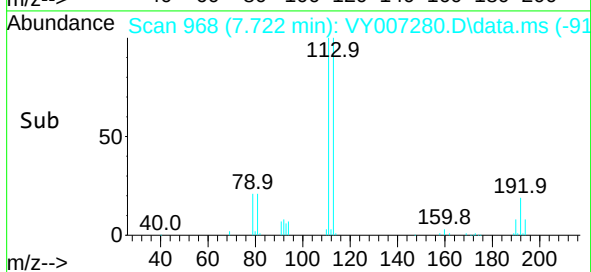
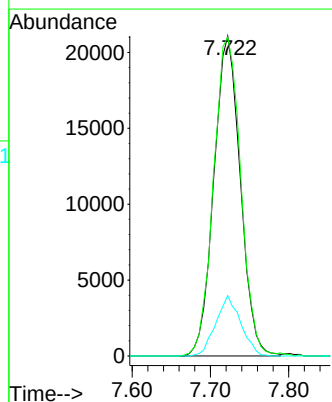
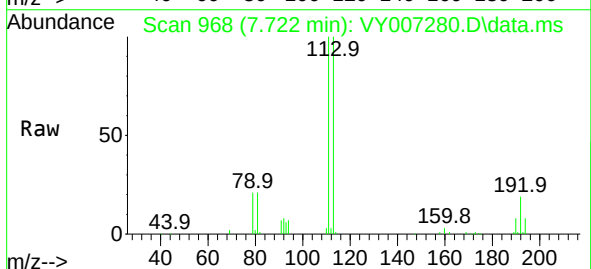
Instrument :
MSVOA_Y
ClientSampleId :

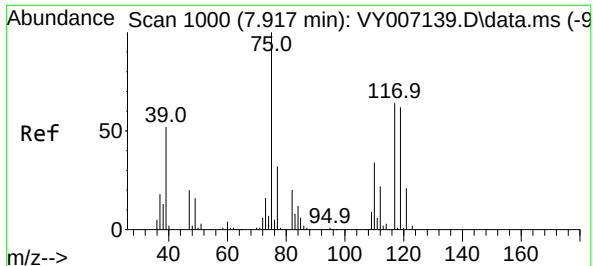
Tgt Ion:114 Resp: 147576
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.2
88 16.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

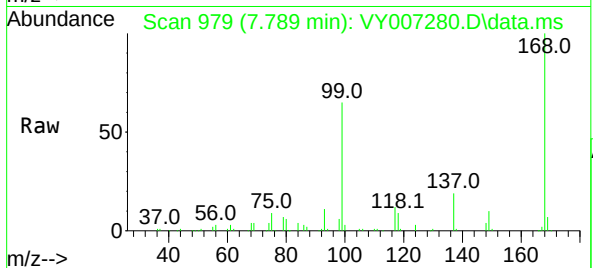
Tgt Ion:113 Resp: 49360
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.8 14.2 21.4



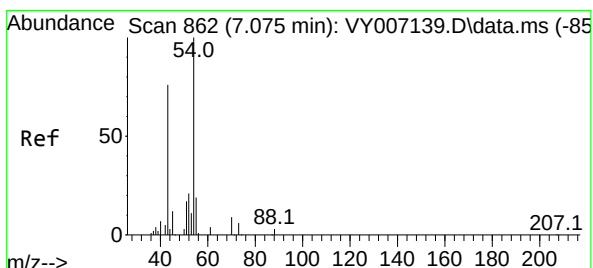
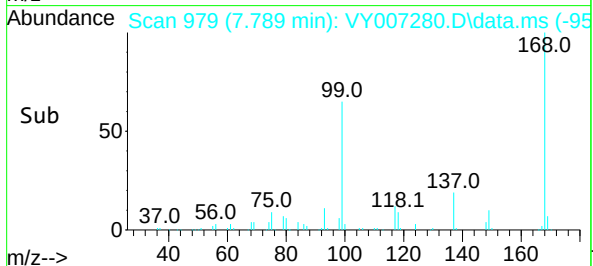
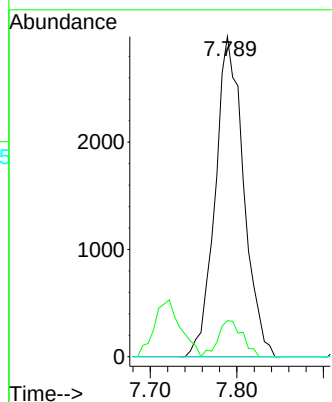


#36
1,1-Dichloropropene
Concen: 4.257 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :

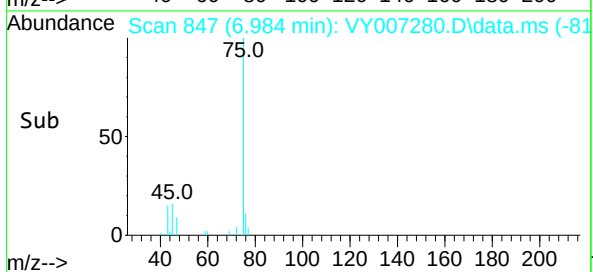
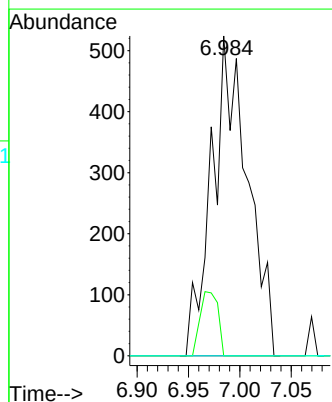
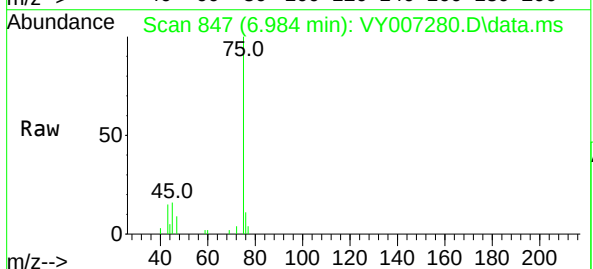


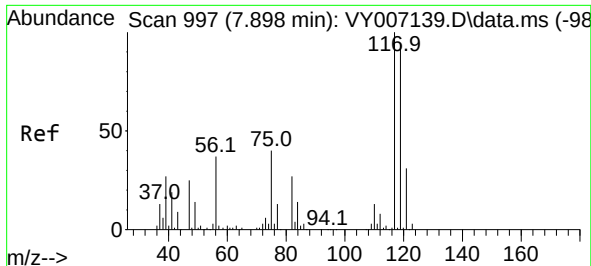
Tgt Ion: 75 Resp: 6785
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.549 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.091 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

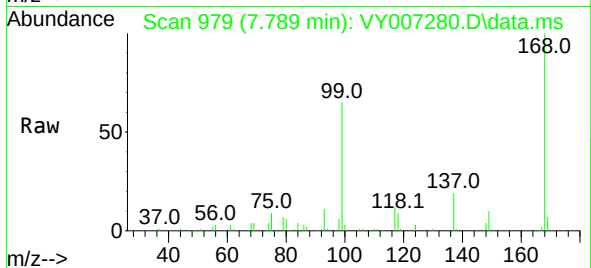
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
61 10.0 11.8 17.8#
70 0.0 9.0 13.4#



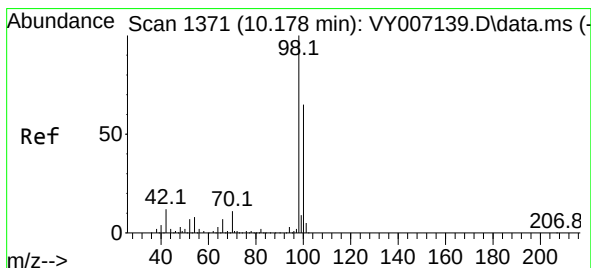
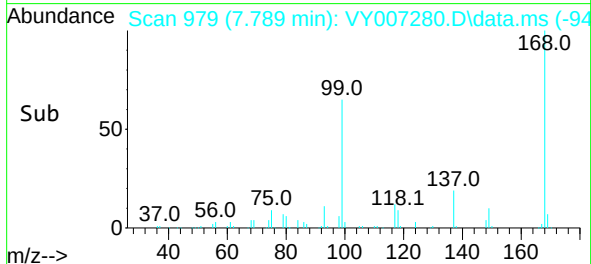
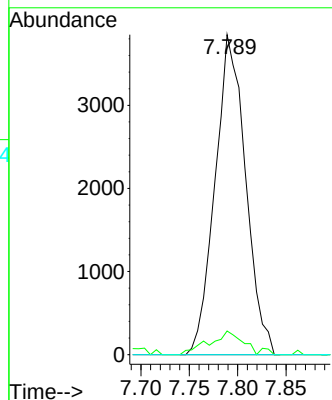


#38
Carbon Tetrachloride
Concen: 5.032 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :

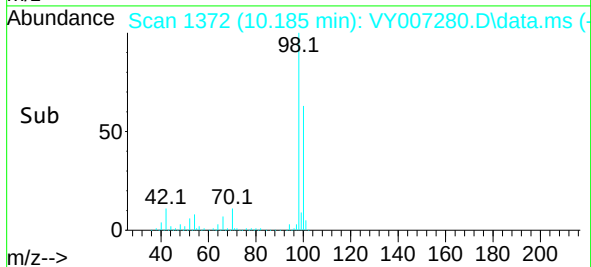
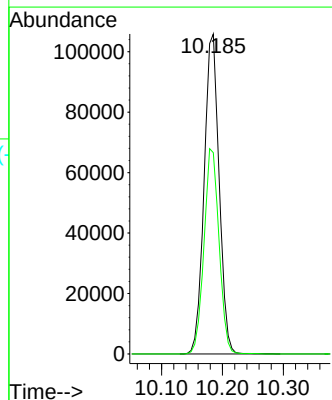
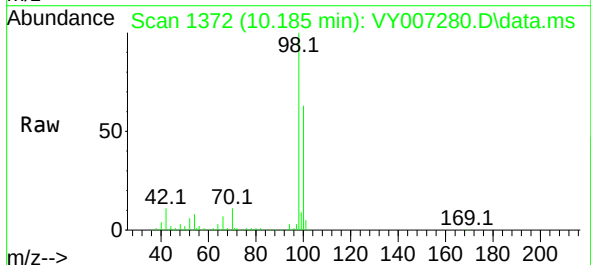


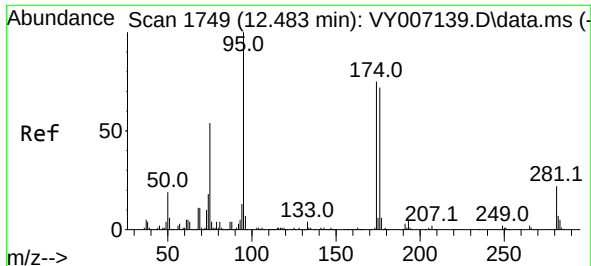
Tgt Ion:117 Resp: 8435
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Tgt Ion: 98 Resp: 181158
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

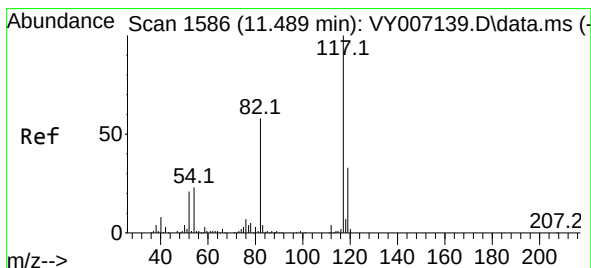
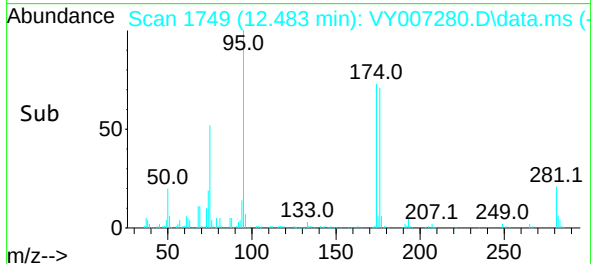
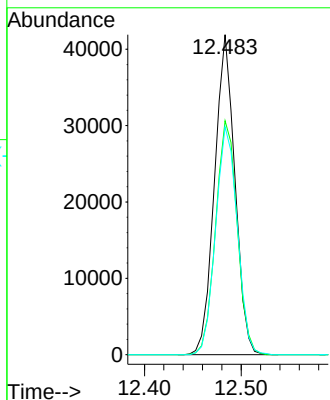
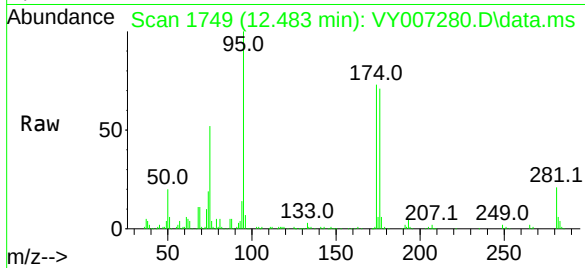




#62
4-Bromofluorobenzene
Concen: 47.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

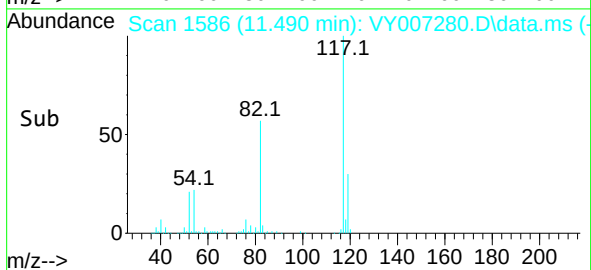
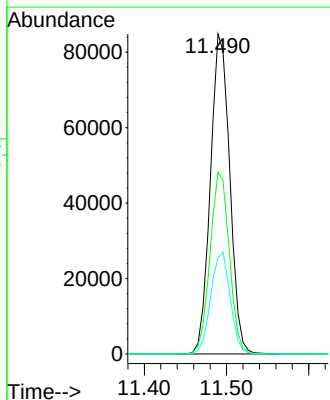
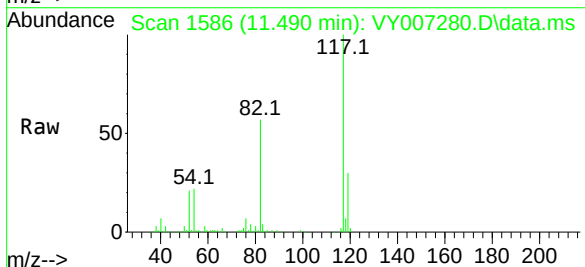
Instrument :
MSVOA_Y
ClientSampleId :

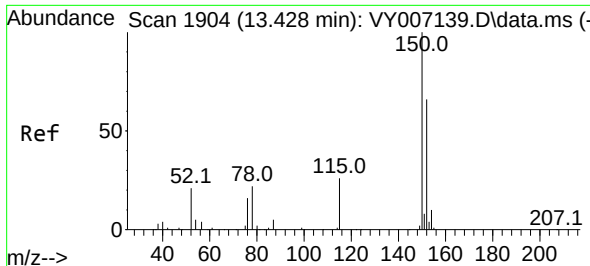
Tgt Ion: 95 Resp: 61245
Ion Ratio Lower Upper
95 100
174 77.1 0.0 148.4
176 75.7 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Tgt Ion: 117 Resp: 138593
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 30.0 26.4 39.6

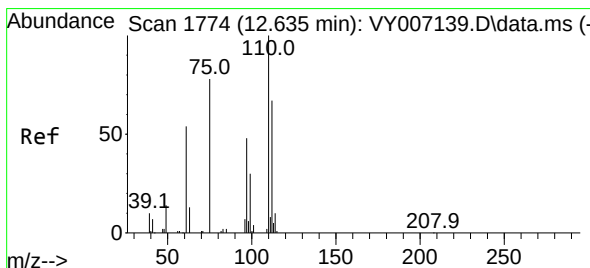
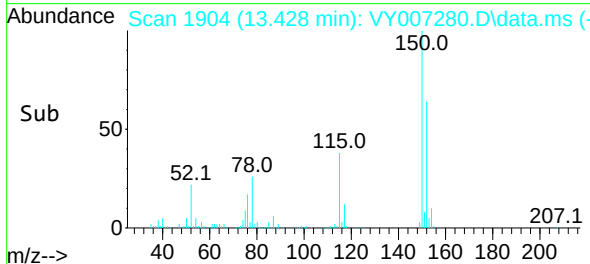
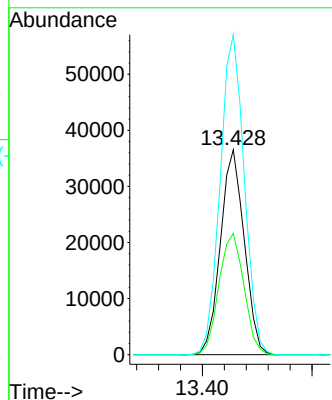
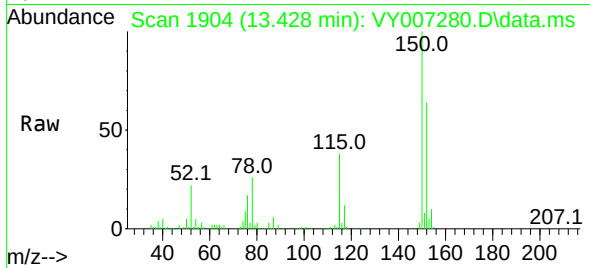




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.001 min
 Lab File: VY007280.D
 Acq: 24 Jan 2022 19:42

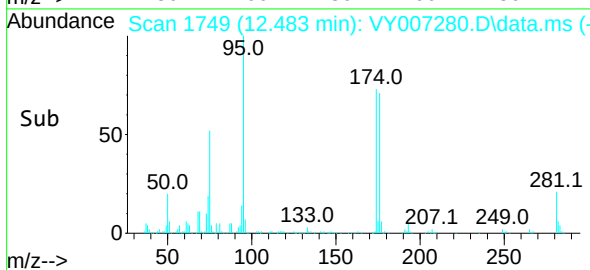
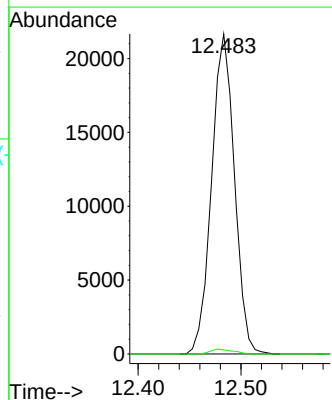
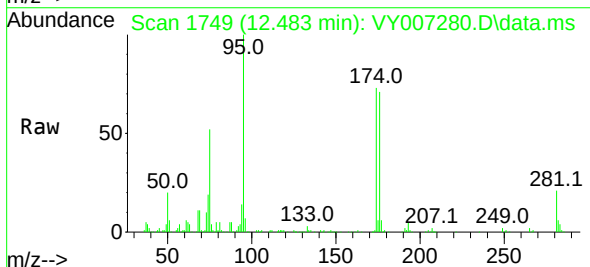
Instrument :
 MSVOA_Y
 ClientSampleId :

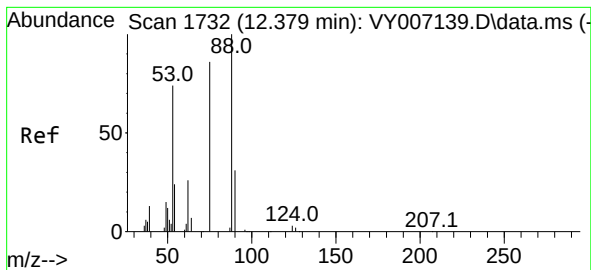
Tgt Ion:152 Resp: 55178
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.4 94.0
 150 158.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.127 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007280.D
 Acq: 24 Jan 2022 19:42

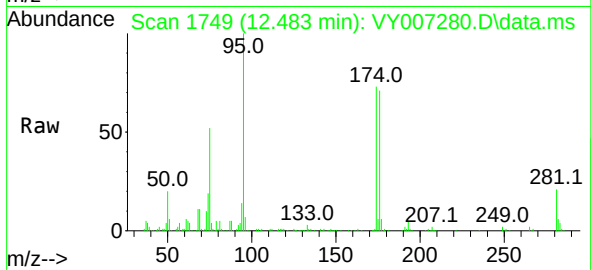
Tgt Ion: 75 Resp: 33426
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.260 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007280.D
 Acq: 24 Jan 2022 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33426
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.6 0.0 0.0#

