

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005377.D
 Acq On : 07 Jul 2021 20:00
 Operator : SY/MD
 Sample : M2947-09
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

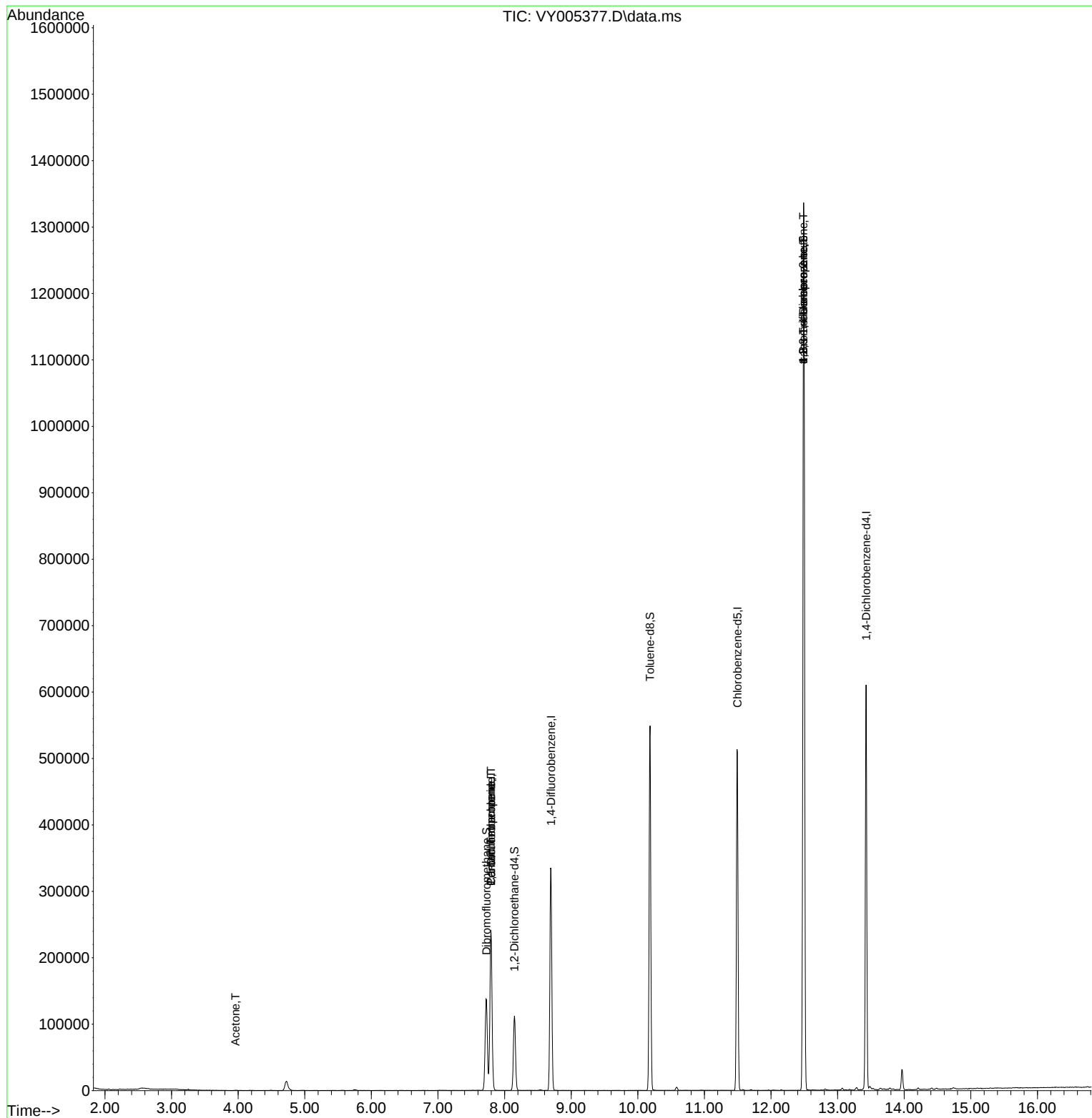
Internal Standards						
1) Pentafluorobenzene	7.795	168	227050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	338132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	87772	46.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.728	113	97127	48.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.185	98	395577	49.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.483	95	138846	52.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	261	Below Cal	#	77
16) Acetone	3.960	43	542	1.245	ug/l #	62
20) Methylene Chloride	4.728	84	12918	Below Cal	#	83
36) 1,1-Dichloropropene	7.795	75	10464	3.507	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17104	5.476	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63981	39.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63981	74.542	ug/l #	19

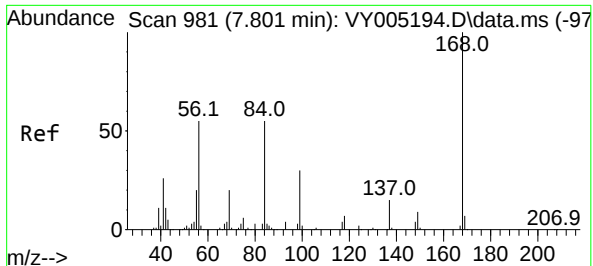
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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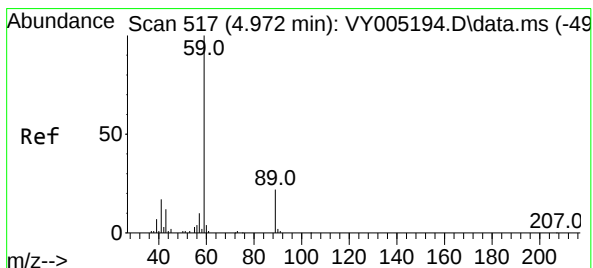
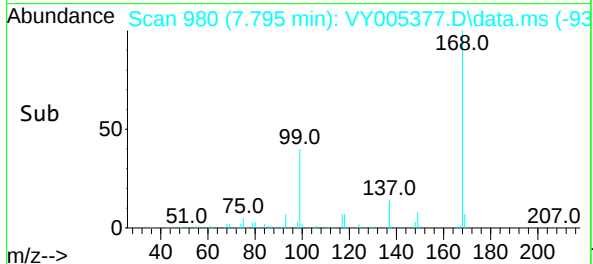
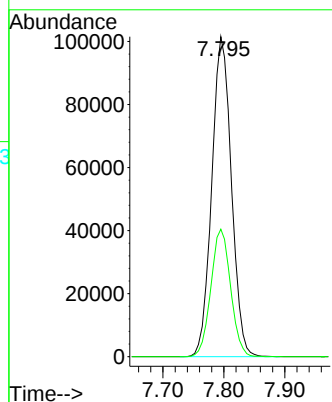
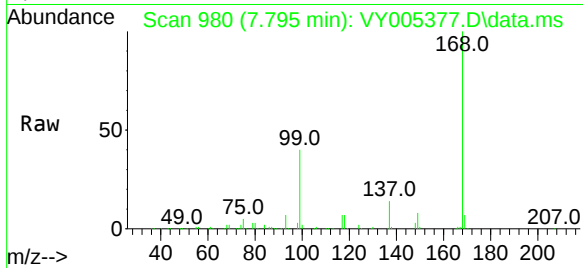




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

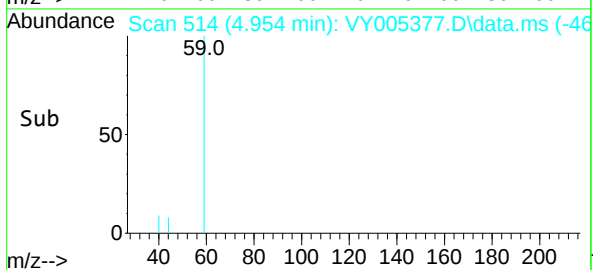
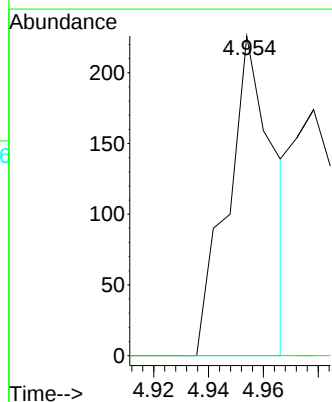
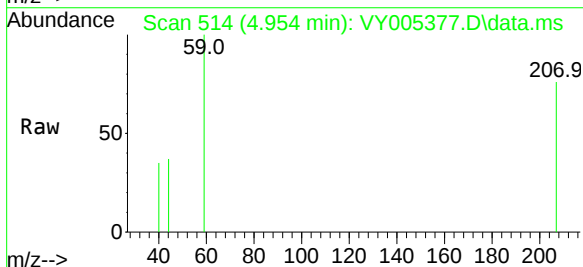
Instrument :
MSVOA_Y
ClientSampled :

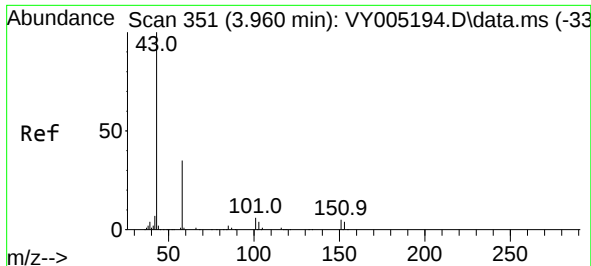
Tgt Ion:168 Resp: 227050
Ion Ratio Lower Upper
168 100
99 39.8 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

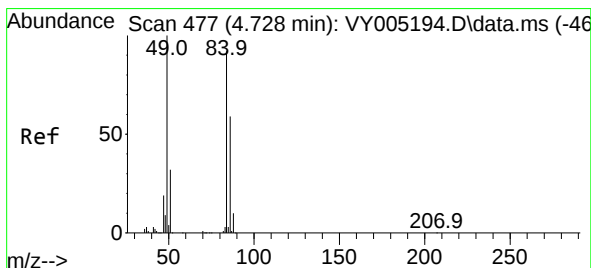
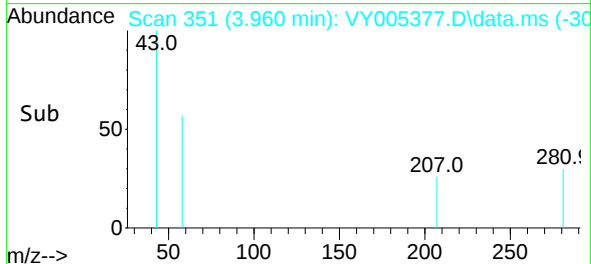
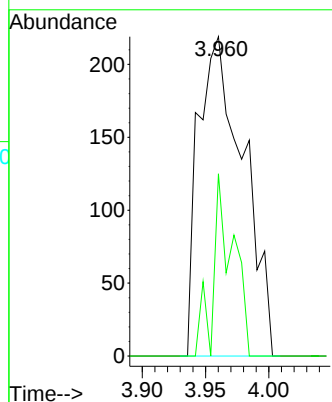
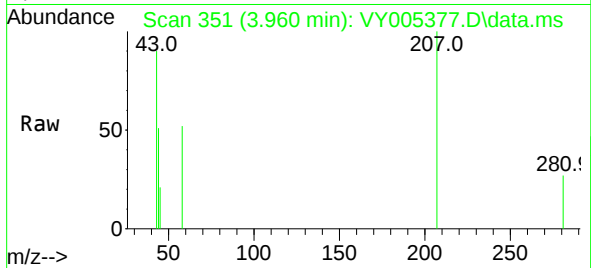




#16
Acetone
Concen: 1.245 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

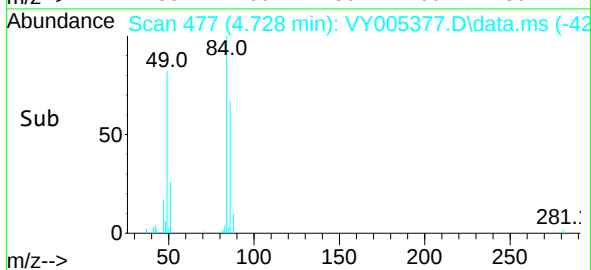
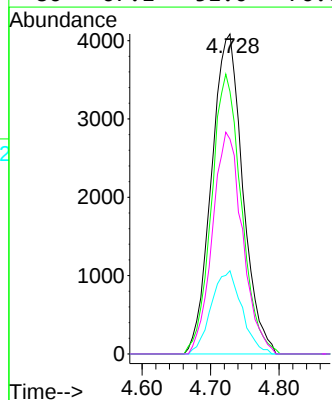
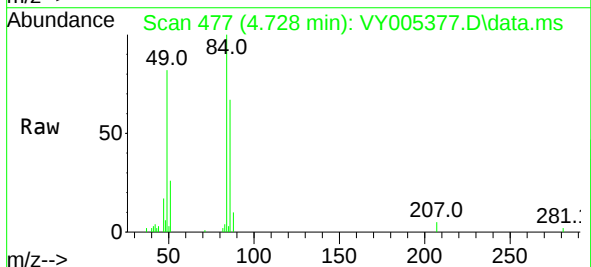
Instrument :
MSVOA_Y
ClientSampled :

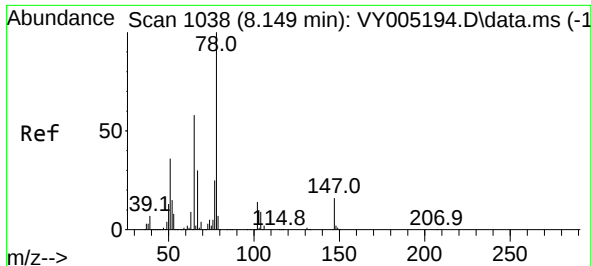
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 57.1 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

Tgt Ion: 84 Resp: 12918
Ion Ratio Lower Upper
84 100
49 82.0 86.9 130.3#
51 26.0 27.4 41.2#
86 67.1 51.0 76.6

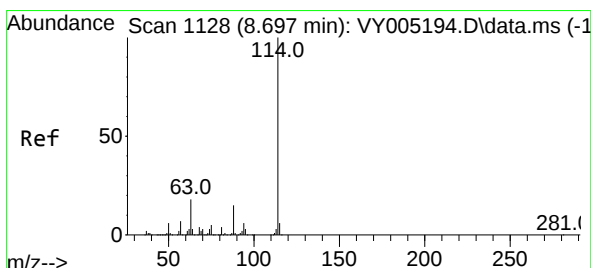
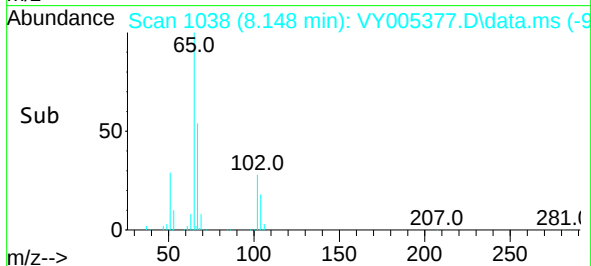
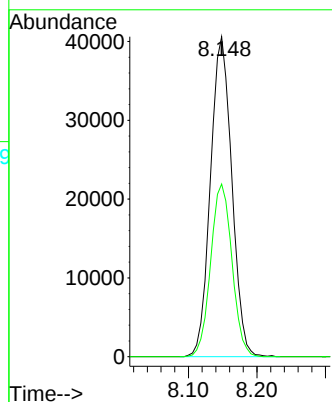
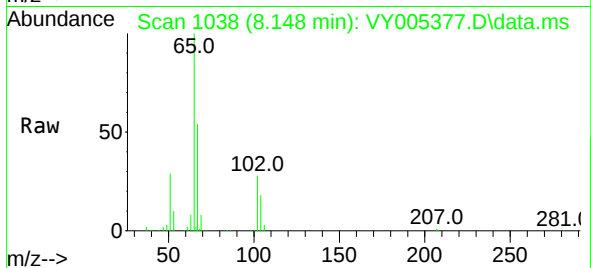




#33
 1,2-Dichloroethane-d4
 Concen: 46.583 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005377.D
 Acq: 07 Jul 2021 20:00

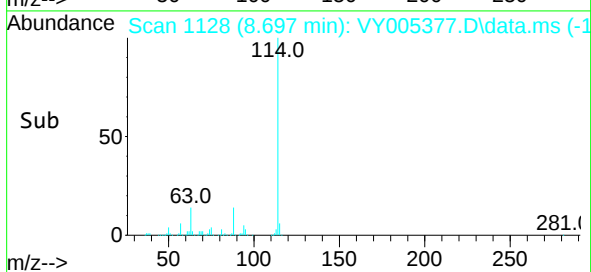
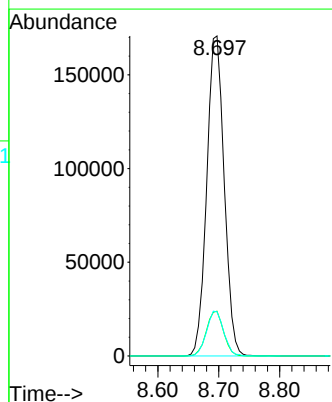
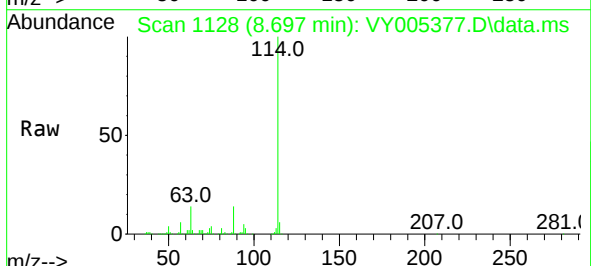
Instrument :
 MSVOA_Y
 ClientSampled :

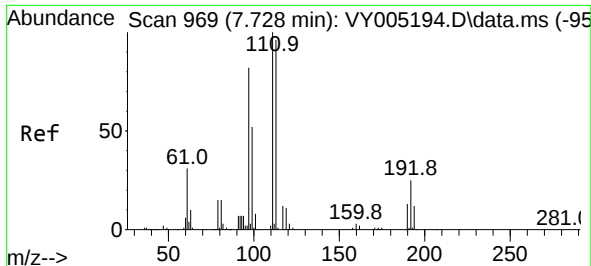
Tgt Ion: 65 Resp: 87772
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005377.D
 Acq: 07 Jul 2021 20:00

Tgt Ion: 114 Resp: 338878
 Ion Ratio Lower Upper
 114 100
 63 14.0 0.0 35.2
 88 13.8 0.0 29.4

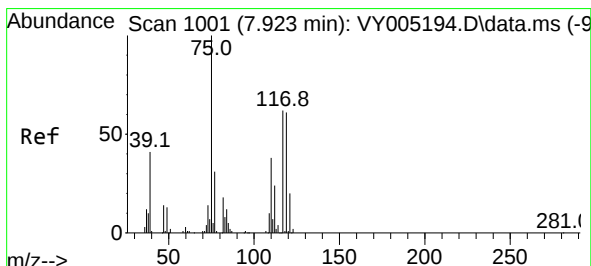
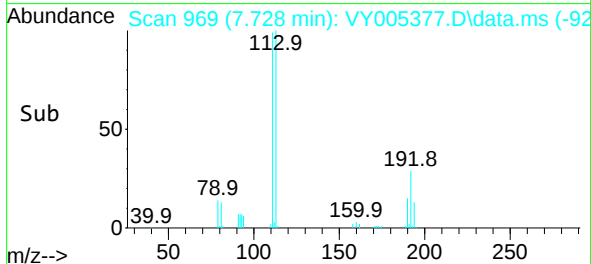
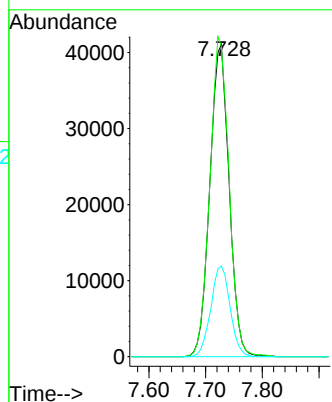
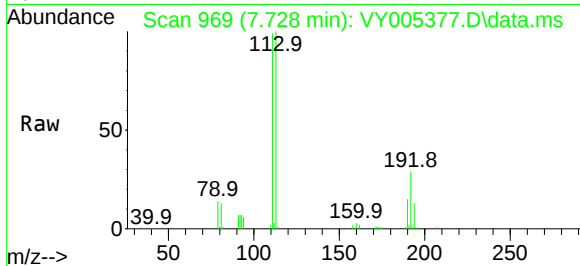




#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

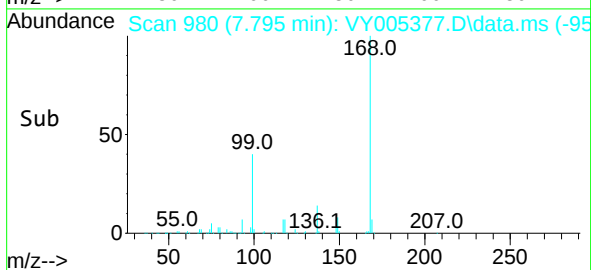
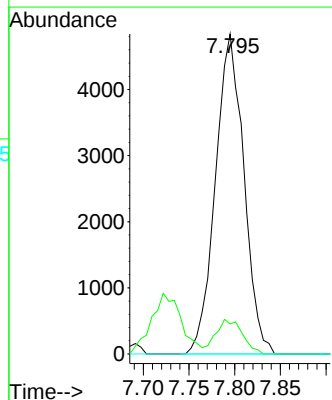
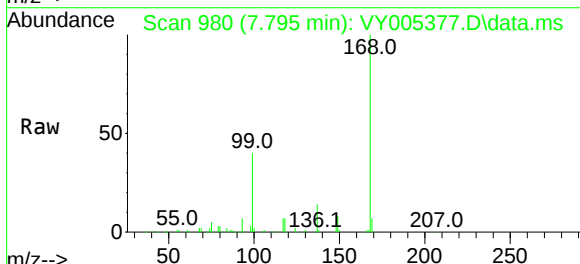
Instrument :
MSVOA_Y
ClientSampled :

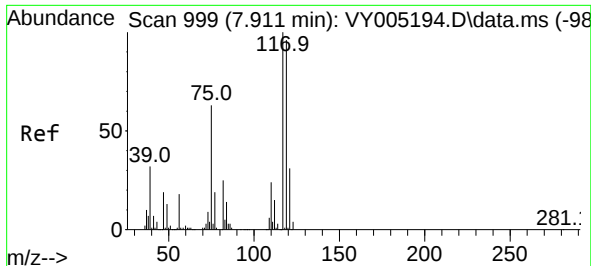
Tgt Ion:113 Resp: 97127
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 29.0 20.2 30.2



#36
1,1-Dichloropropene
Concen: 3.507 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

Tgt Ion: 75 Resp: 10464
Ion Ratio Lower Upper
75 100
110 10.1 19.1 57.5#
77 0.0 25.2 37.8#

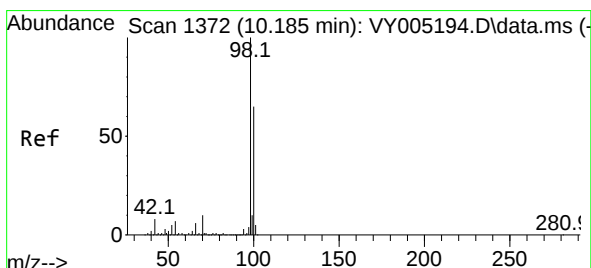
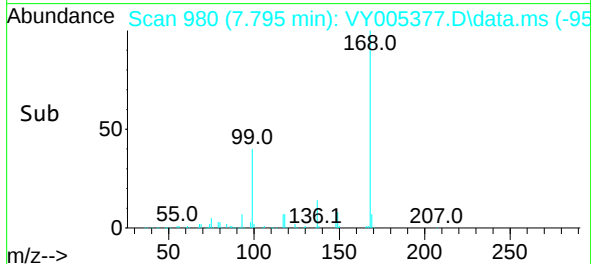
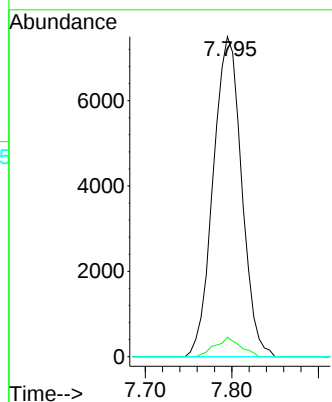
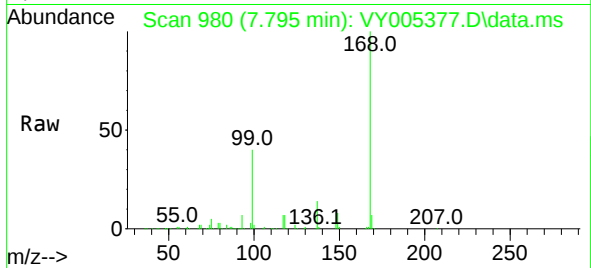




#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

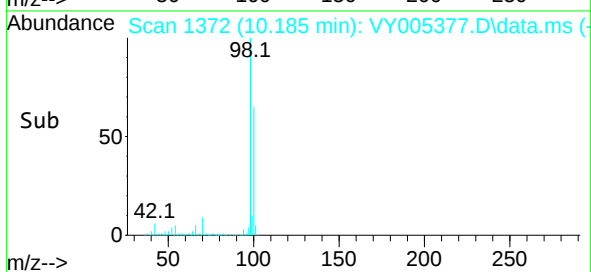
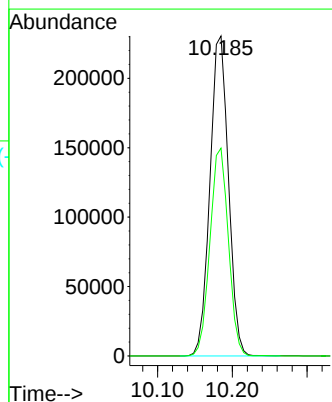
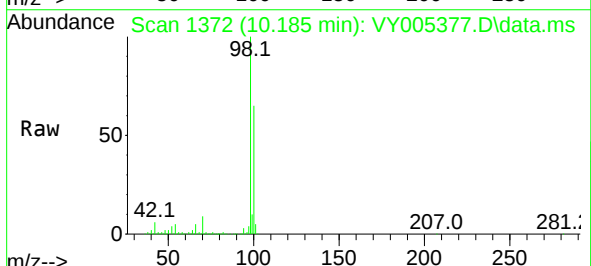
Instrument :
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ClientSampleId :

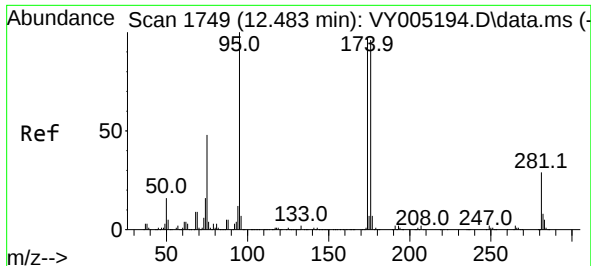
Tgt Ion:117 Resp: 17104
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.494 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

Tgt Ion: 98 Resp: 395577
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

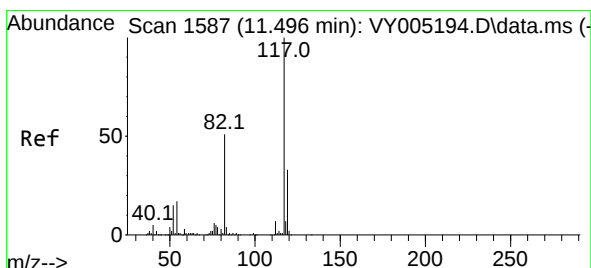
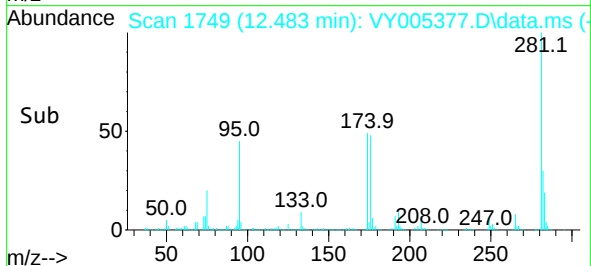
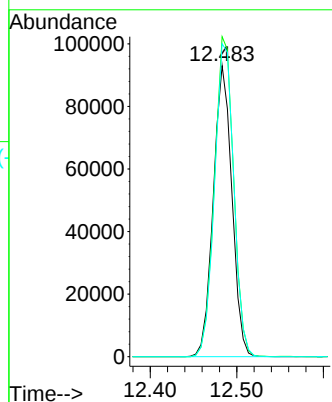
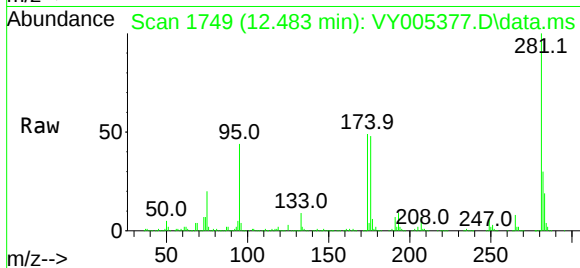




#62
4-Bromofluorobenzene
Concen: 52.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

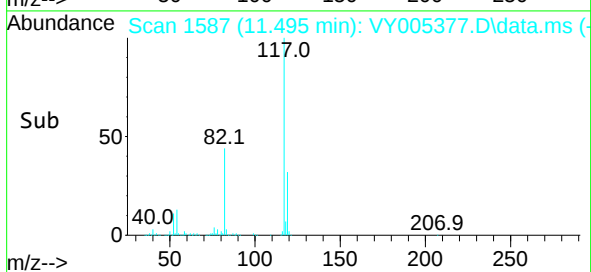
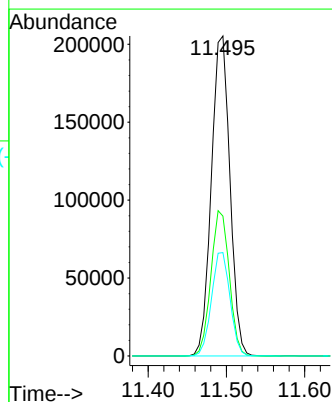
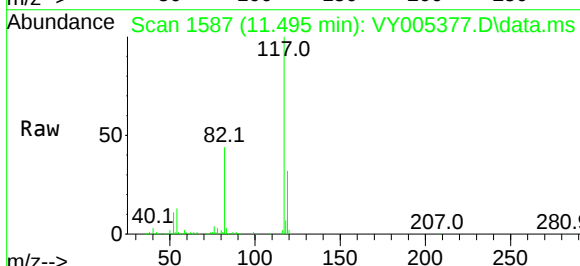
Instrument :
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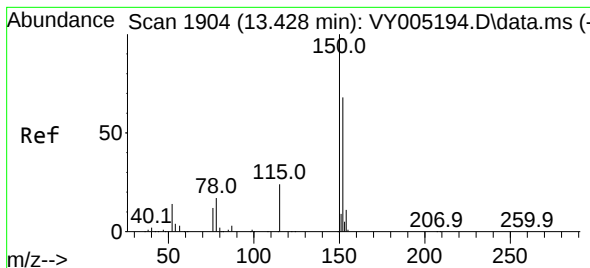
Tgt Ion: 95 Resp: 138846
Ion Ratio Lower Upper
95 100
174 113.0 0.0 201.6
176 111.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005377.D
Acq: 07 Jul 2021 20:00

Tgt Ion: 117 Resp: 338132
Ion Ratio Lower Upper
117 100
82 43.7 40.6 60.8
119 32.3 26.1 39.1

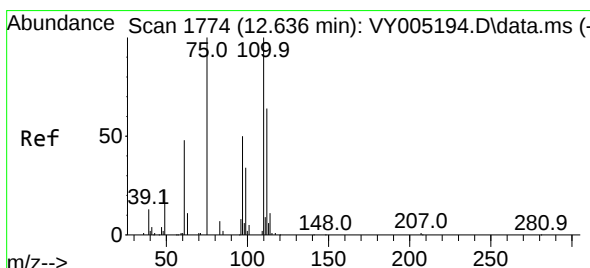
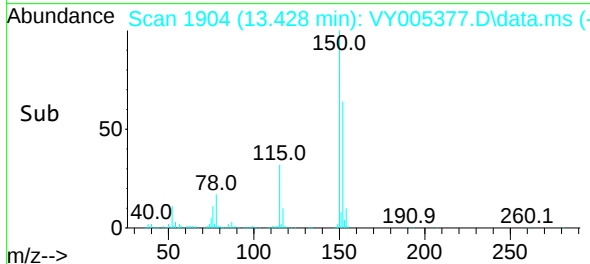
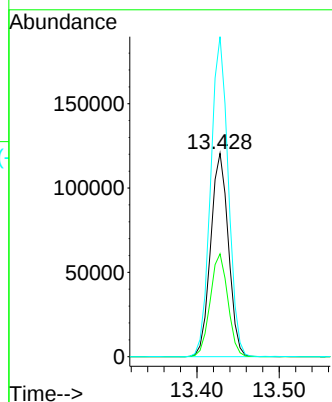
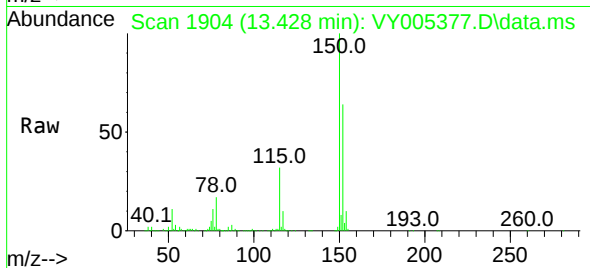




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005377.D
 Acq: 07 Jul 2021 20:00

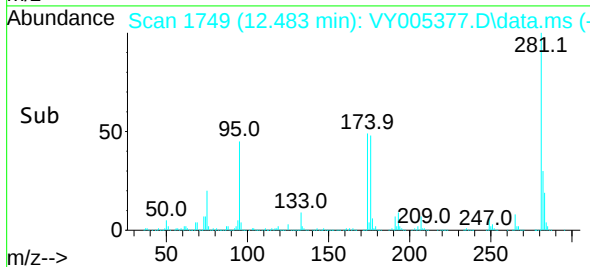
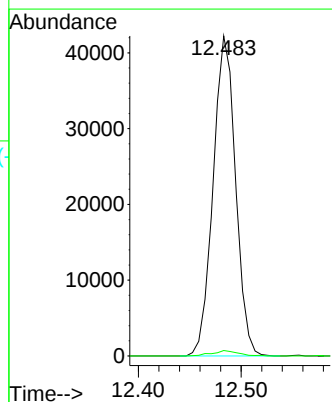
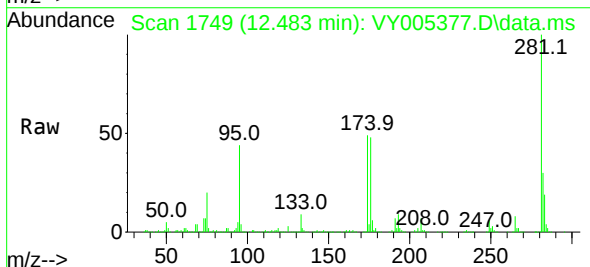
Instrument :
 MSVOA_Y
 ClientSampleId :

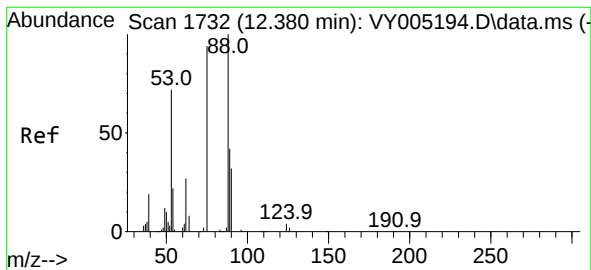
Tgt Ion:152 Resp: 180567
 Ion Ratio Lower Upper
 152 100
 115 50.3 26.3 78.8
 150 156.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 39.952 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005377.D
 Acq: 07 Jul 2021 20:00

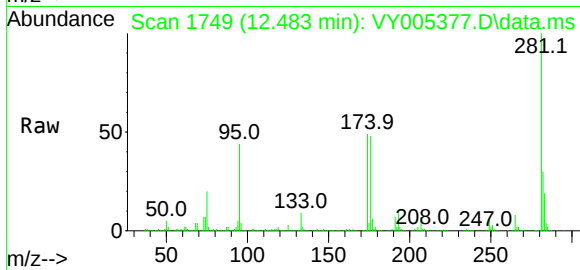
Tgt Ion: 75 Resp: 63981
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.542 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005377.D
 Acq: 07 Jul 2021 20:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63981
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 2.7 38.0 57.0#

