

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005462.D
 Acq On : 27 Jul 2021 14:19
 Operator : SY/MD
 Sample : VY0727SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:32:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

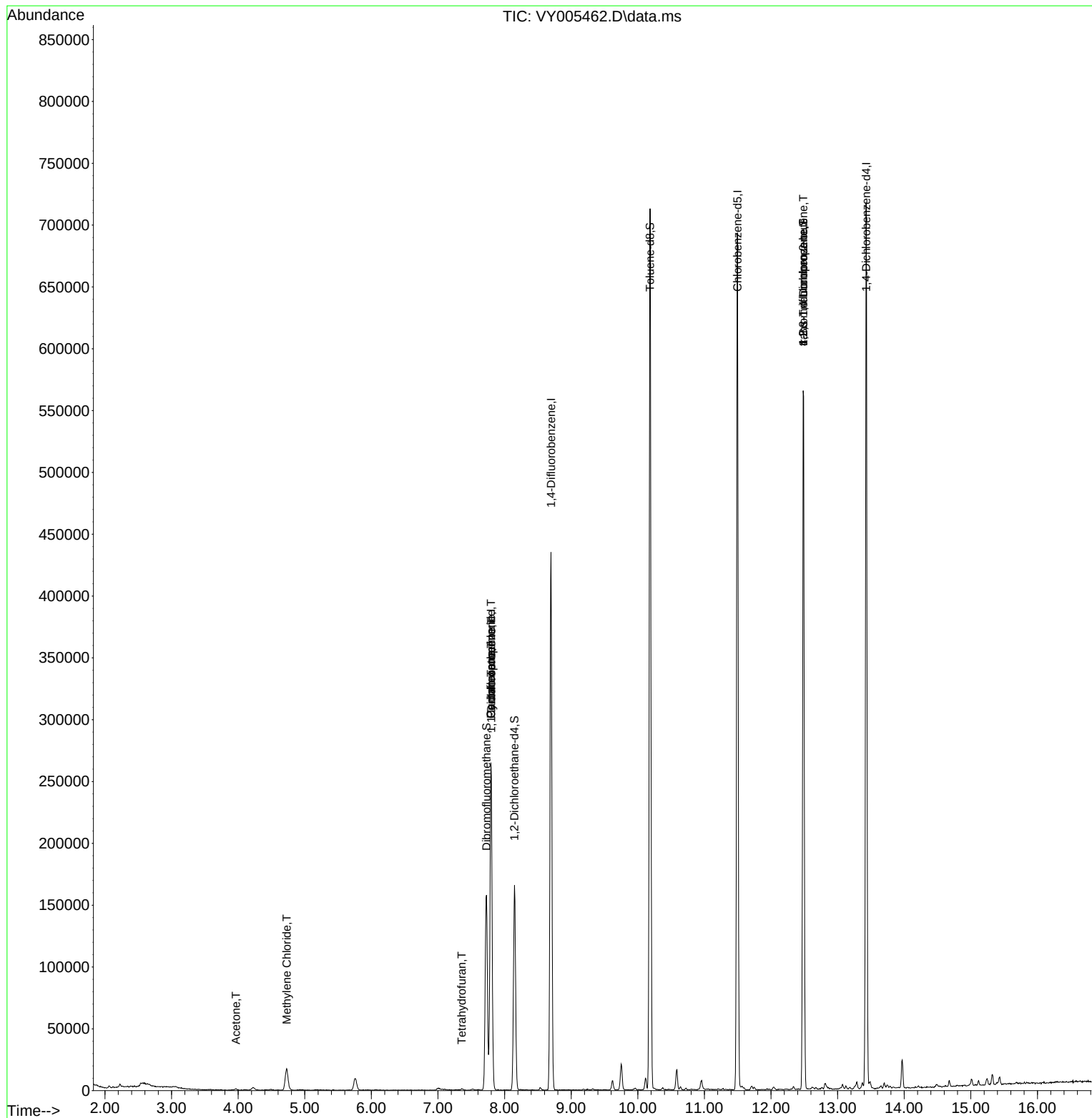
Internal Standards						
1) Pentafluorobenzene	7.795	168	211234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	361776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132914	58.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.800%
35) Dibromofluoromethane	7.728	113	108109	52.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.185	98	460050	52.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.483	95	160656	55.279	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.560%
Target Compounds						
						Qvalue
16) Acetone	3.966	43	1659	3.219	ug/l	96
20) Methylene Chloride	4.728	84	12851	3.254	ug/l	94
29) Tetrahydrofuran	7.356	42	763	1.493	ug/l #	83
31) Cyclohexane	7.795	56	4212	1.093	ug/l #	40
36) 1,1-Dichloropropene	7.801	75	15091	4.338	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19222	5.056	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	86640	48.398	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86640	93.975	ug/l #	11

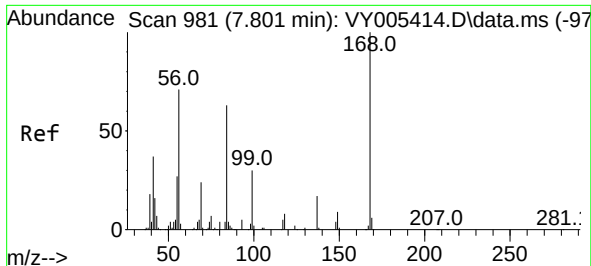
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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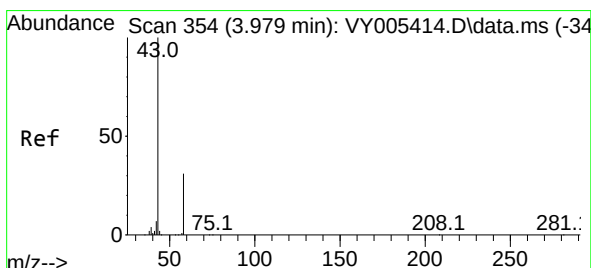
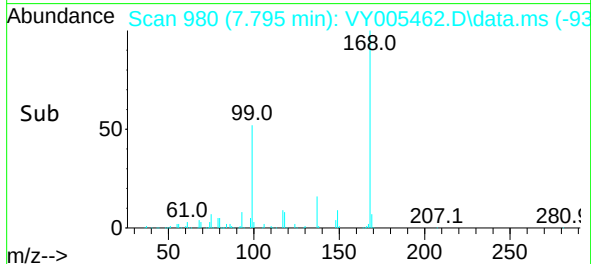
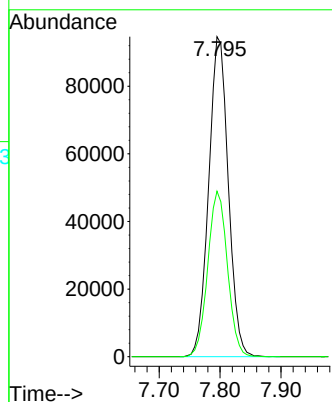
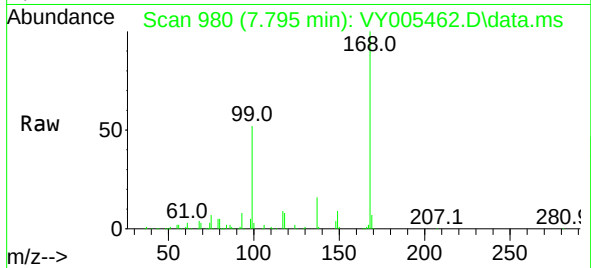




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

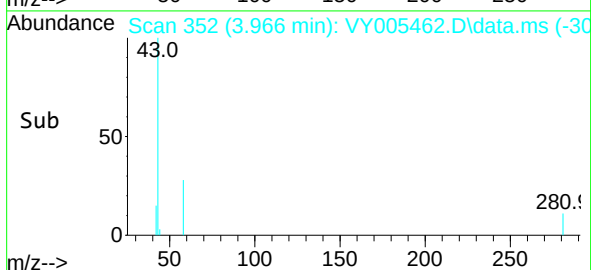
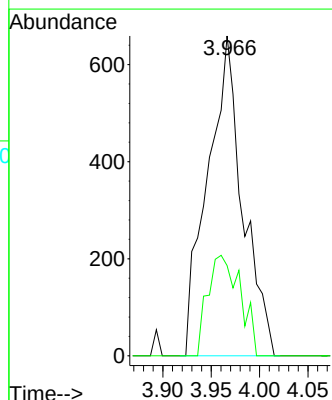
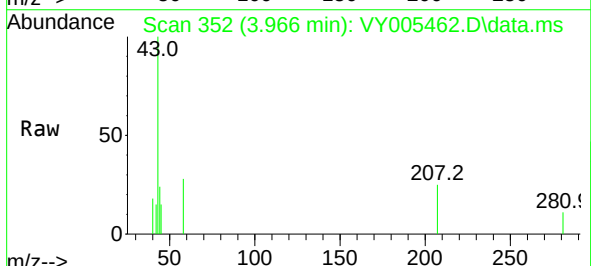
Instrument :
MSVOA_Y
ClientSampled :

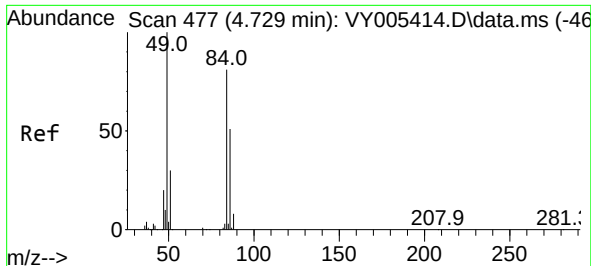
Tgt Ion:168 Resp: 211234
Ion Ratio Lower Upper
168 100
99 51.7 39.8 59.6



#16
Acetone
Concen: 3.219 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

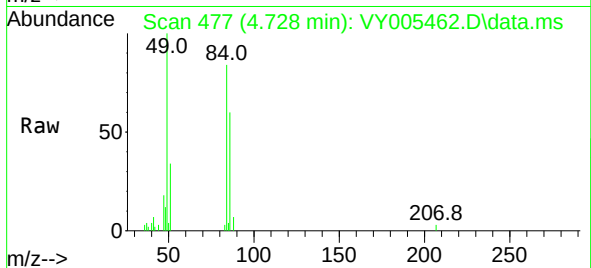
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 28.2 24.5 36.7



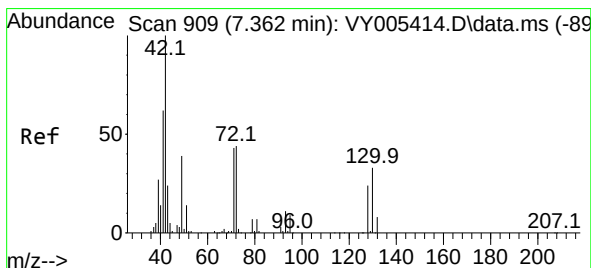
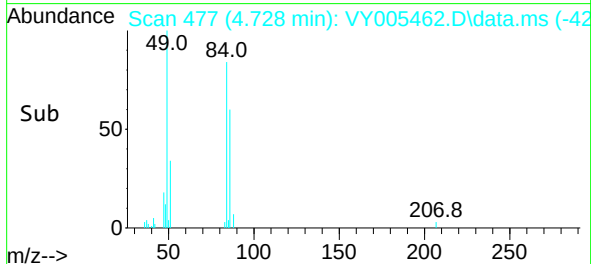
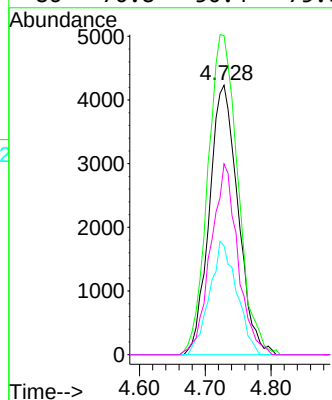


#20
Methylene Chloride
Concen: 3.254 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Instrument :
MSVOA_Y
ClientSampleId :

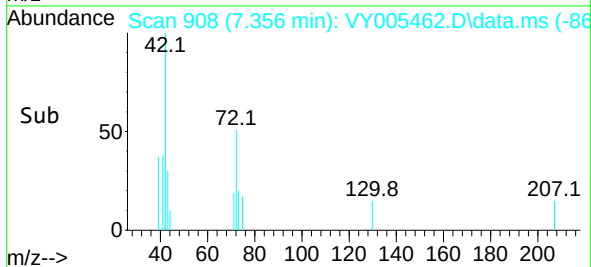
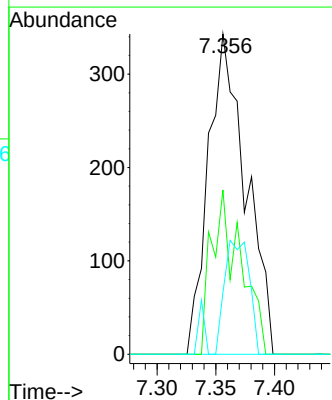
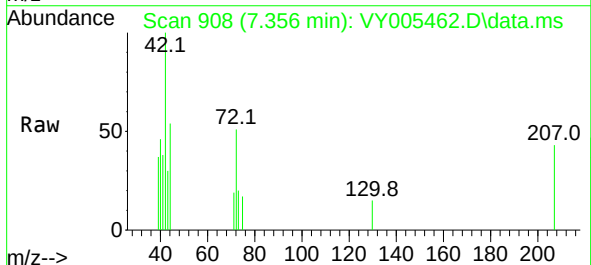


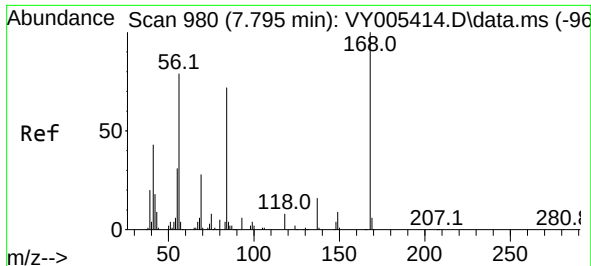
Tgt Ion:	84	Resp:	12851
Ion	Ratio	Lower	Upper
84	100		
49	118.4	98.9	148.3
51	40.3	30.0	45.0
86	70.8	50.4	75.6



#29
Tetrahydrofuran
Concen: 1.493 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion:	42	Resp:	763
Ion	Ratio	Lower	Upper
42	100		
72	40.0	35.3	52.9
71	23.5	33.4	50.2

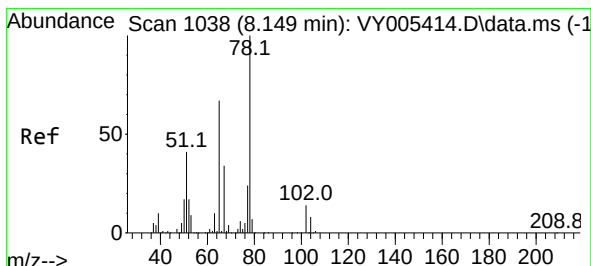
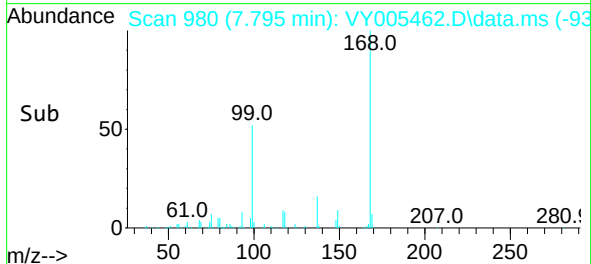
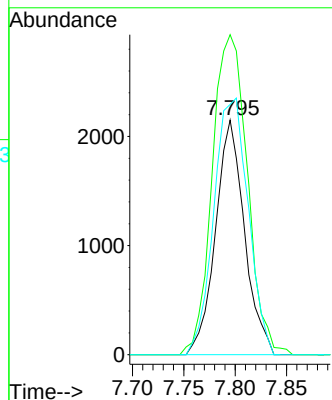
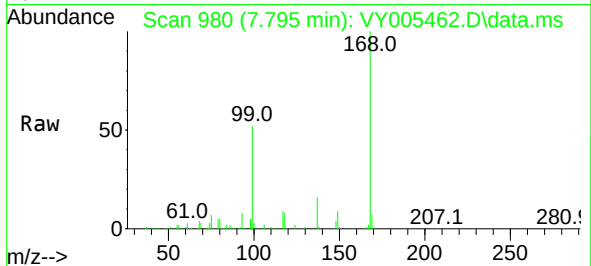




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

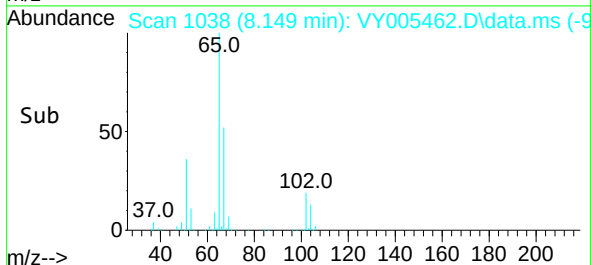
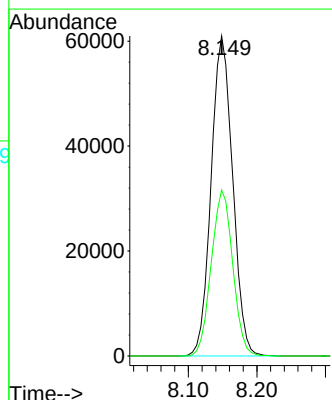
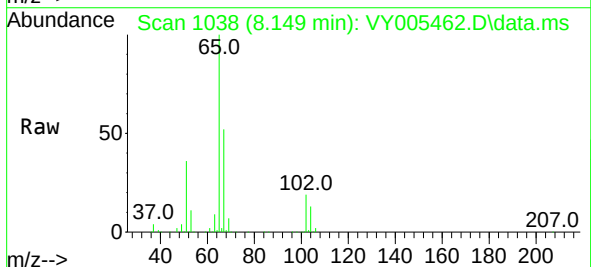
Instrument :
MSVOA_Y
ClientSampleId :

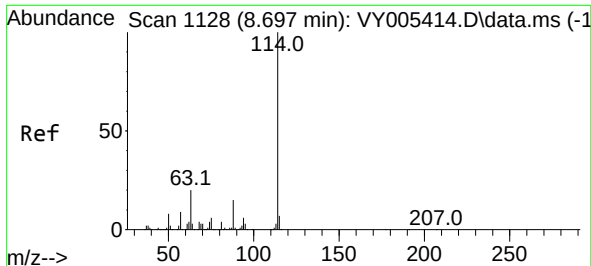
Tgt Ion: 56 Resp: 4212
Ion Ratio Lower Upper
56 100
69 136.4 28.7 43.1#
84 106.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 58.898 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion: 65 Resp: 132914
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

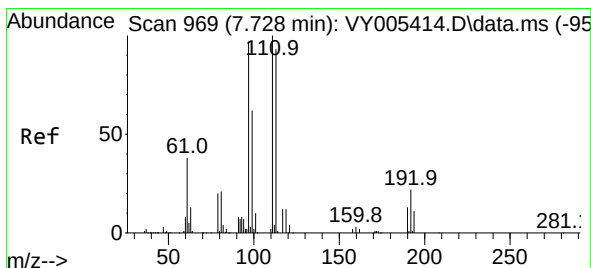
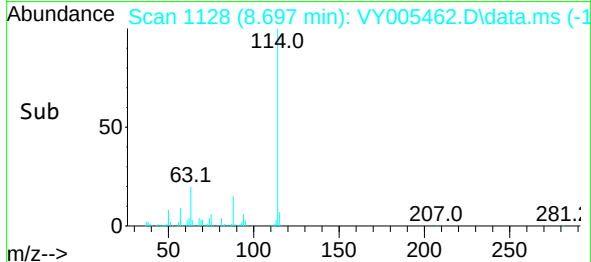
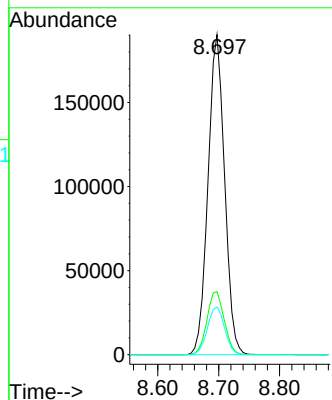
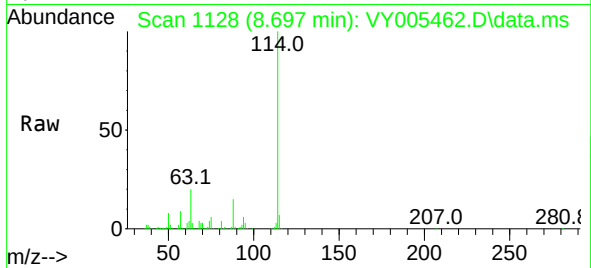




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

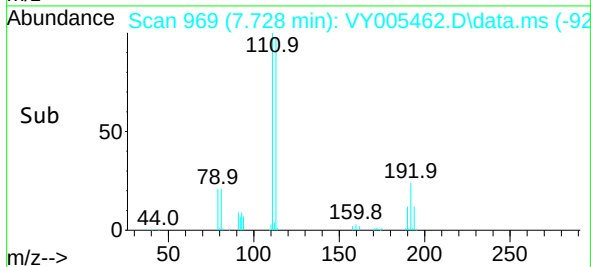
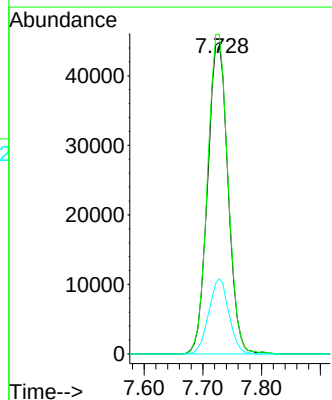
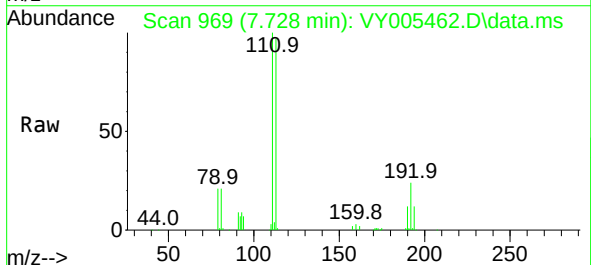
Instrument :
MSVOA_Y
ClientSampleId :

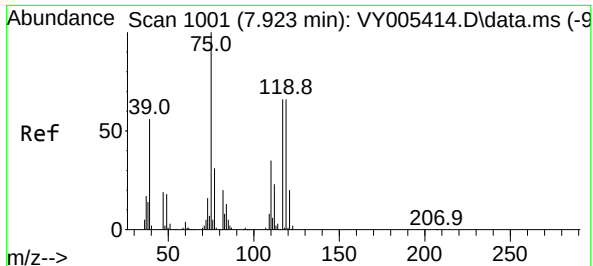
Tgt Ion:114 Resp: 359817
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.0
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.035 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion:113 Resp: 108109
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 23.7 18.9 28.3

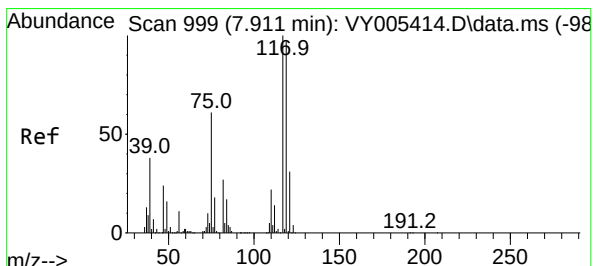
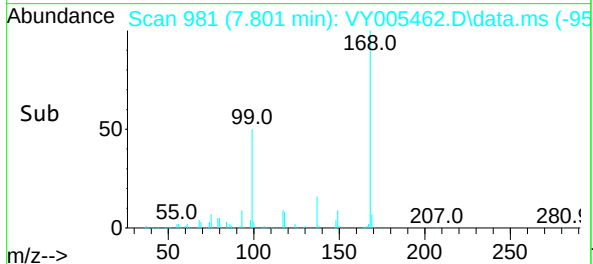
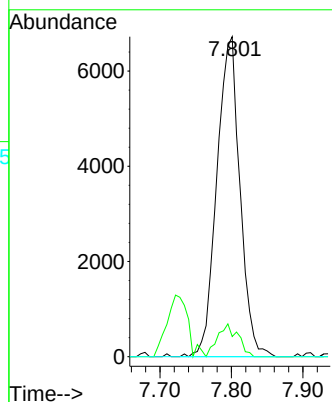
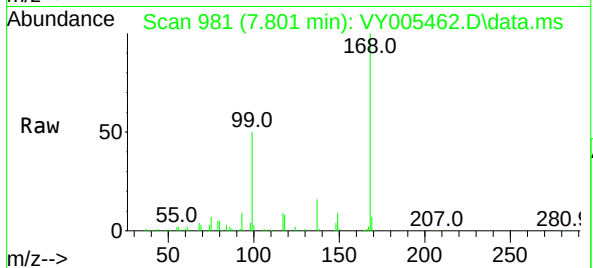




#36
1,1-Dichloropropene
Concen: 4.338 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

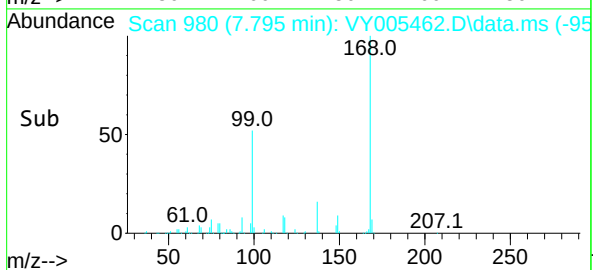
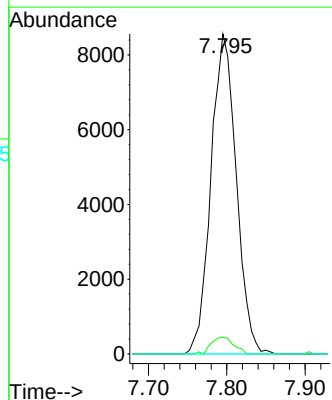
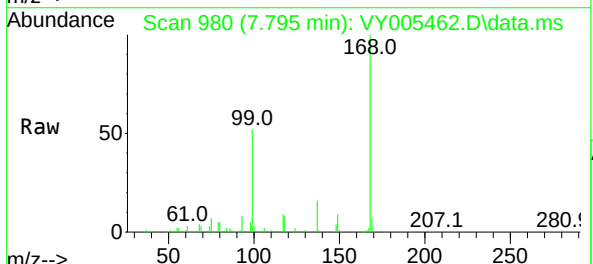
Instrument :
MSVOA_Y
ClientSampleId :

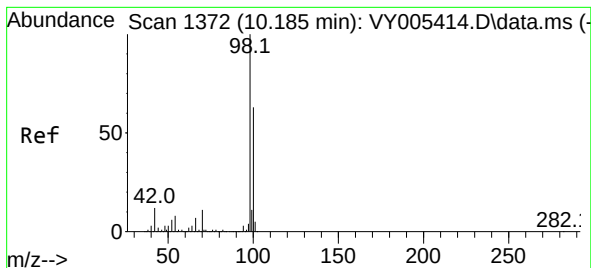
Tgt Ion: 75 Resp: 15091
Ion Ratio Lower Upper
75 100
110 9.0 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion: 117 Resp: 19222
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.1 37.7#

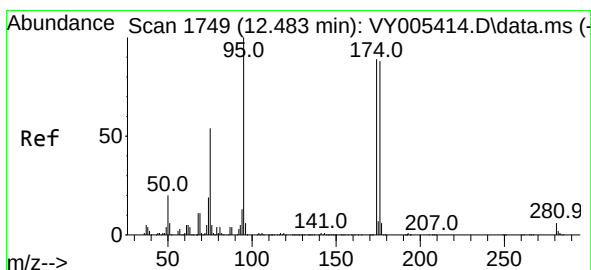
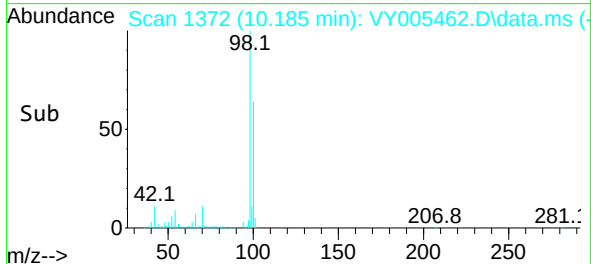
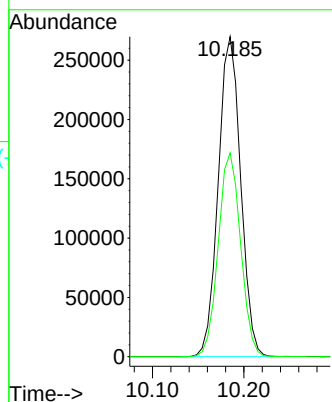
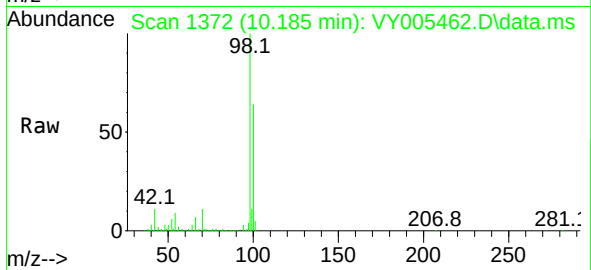




#50
Toluene-d8
Concen: 52.244 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

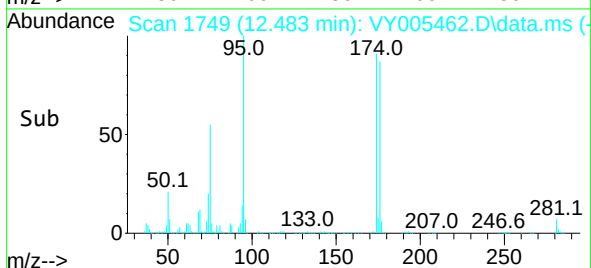
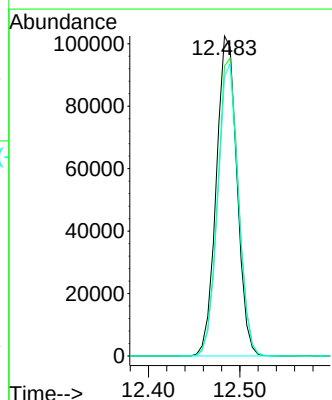
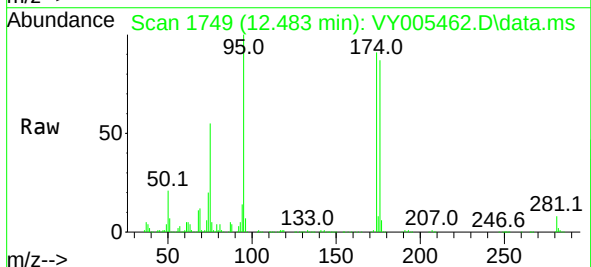
Instrument :
MSVOA_Y
ClientSampled :

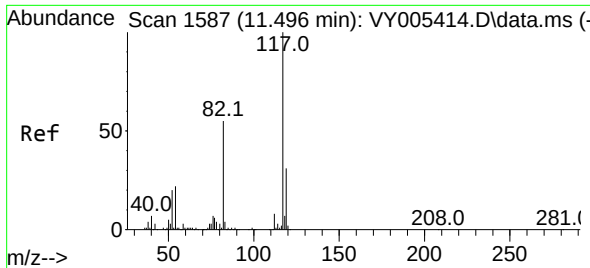
Tgt Ion: 98 Resp: 460050
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.279 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion: 95 Resp: 160656
Ion Ratio Lower Upper
95 100
174 93.8 0.0 186.6
176 90.8 0.0 182.4

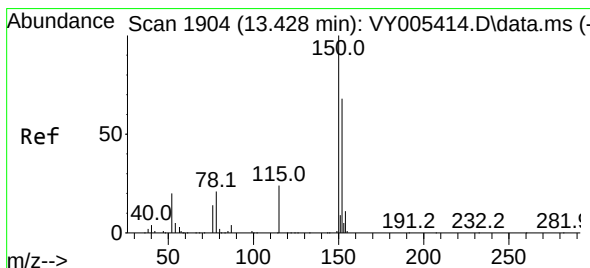
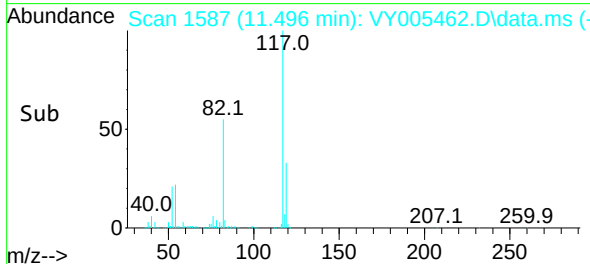
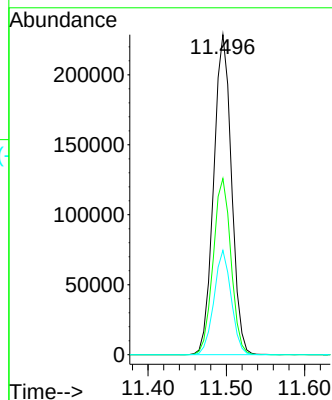
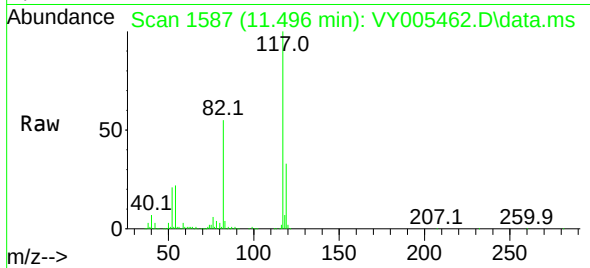




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

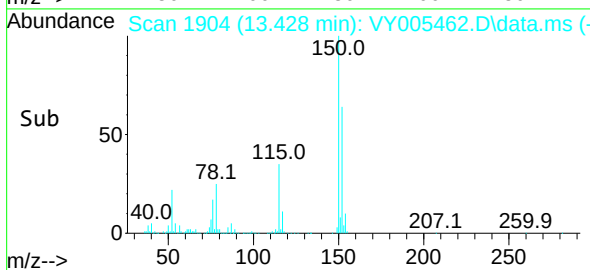
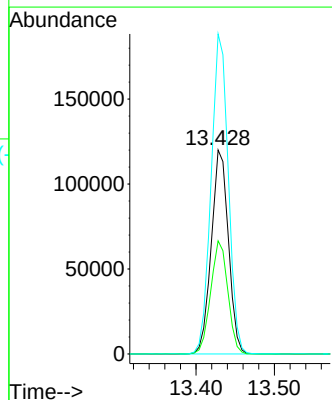
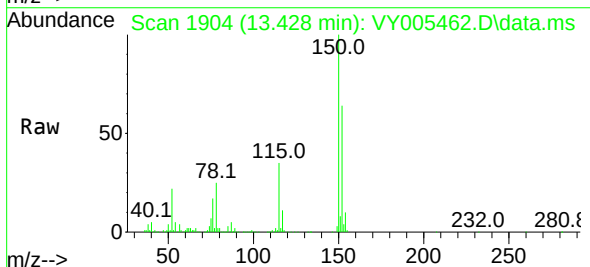
Instrument :
MSVOA_Y
ClientSampled :

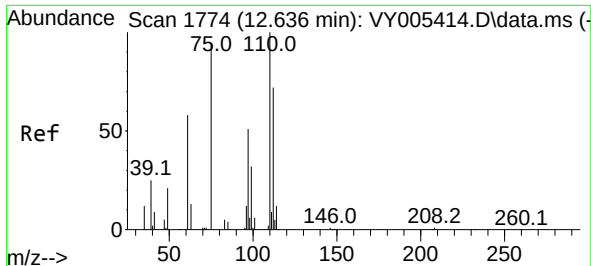
Tgt Ion:117 Resp: 361776
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.6
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion:152 Resp: 181932
Ion Ratio Lower Upper
152 100
115 55.6 27.7 83.1
150 157.5 0.0 349.6

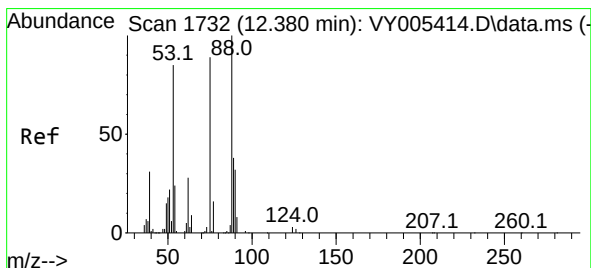
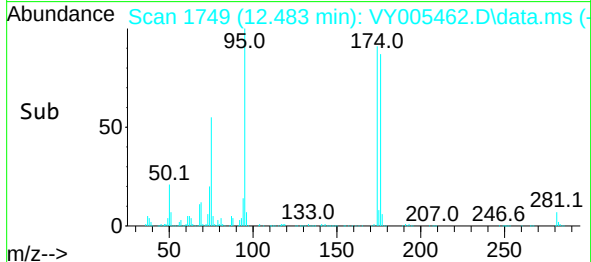
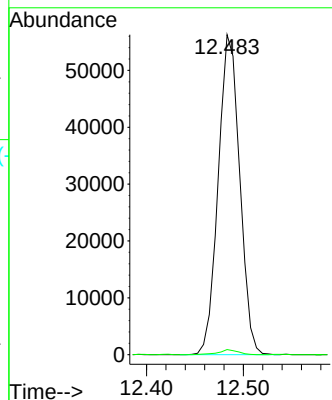
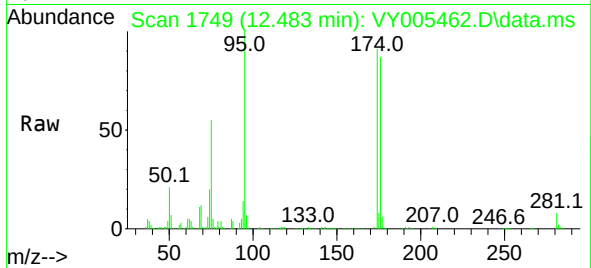




#76
1,2,3-Trichloropropane
Concen: 48.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86640
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005462.D
Acq: 27 Jul 2021 14:19

Tgt Ion: 75 Resp: 86640
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 36.9 55.3#

