

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005690.D
 Acq On : 17 Aug 2021 00:25
 Operator : SY/MD
 Sample : M3424-01
 Misc : 10.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18N

Quant Time: Aug 17 05:23:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

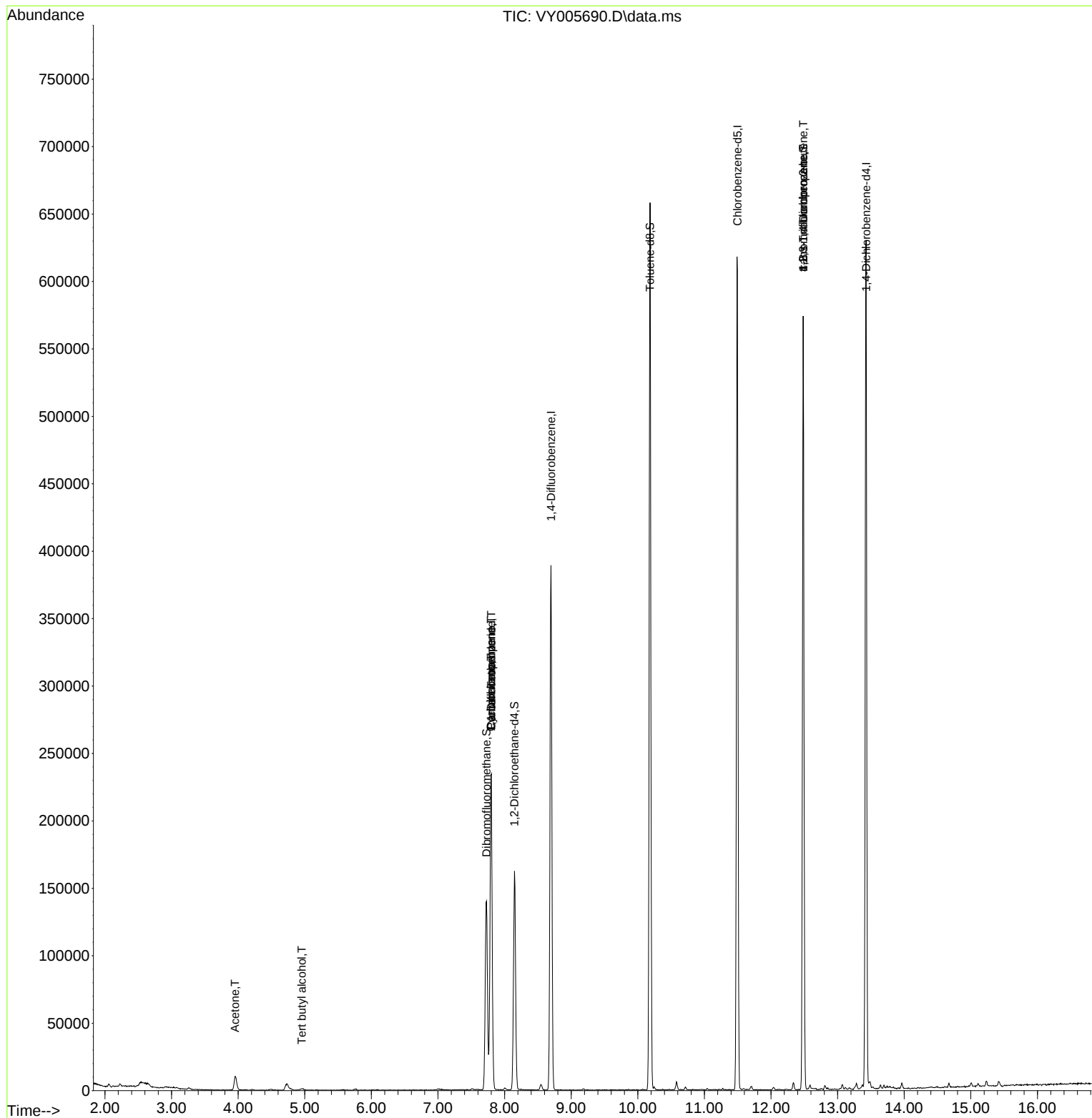
Internal Standards						
1) Pentafluorobenzene	7.801	168	186981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	331776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	129118	68.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.440%	
35) Dibromofluoromethane	7.728	113	95138	52.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.185	98	417889	54.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	12.483	95	146163	57.951	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2056	10.988	ug/l #	80
16) Acetone	3.954	43	18453	38.669	ug/l	91
20) Methylene Chloride	4.728	84	3491	Below Cal	#	87
31) Cyclohexane	7.795	56	4009	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13416	4.410	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17480	5.286	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80701	47.390	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80701	95.532	ug/l #	11

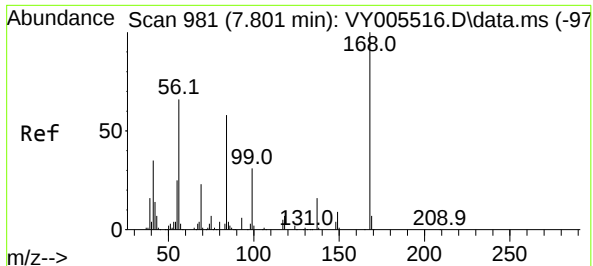
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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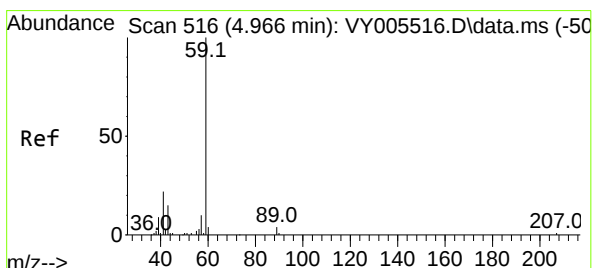
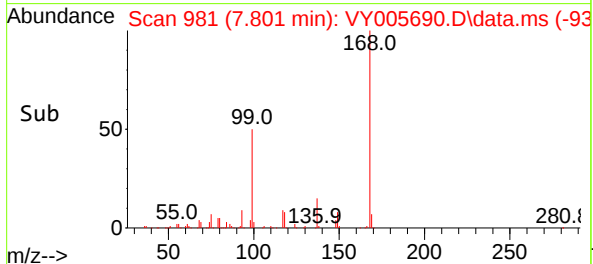
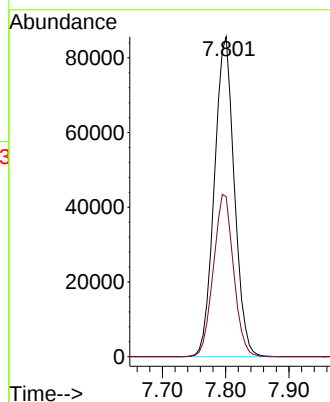
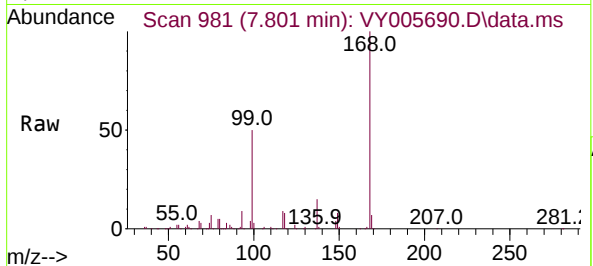




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

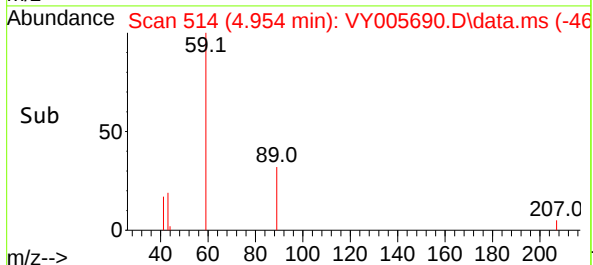
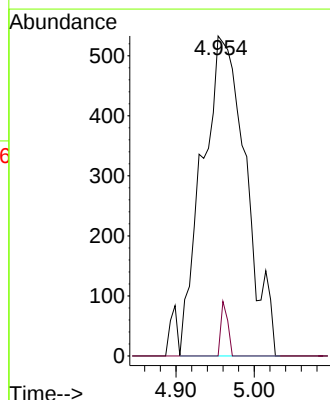
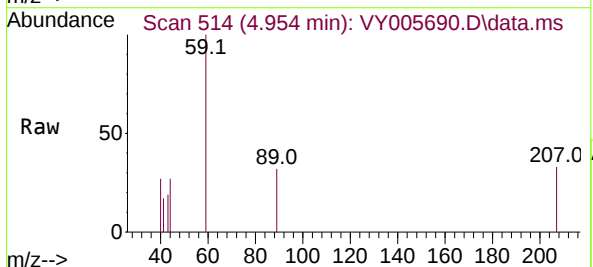
Instrument :
MSVOA_Y
ClientSampled :
18N

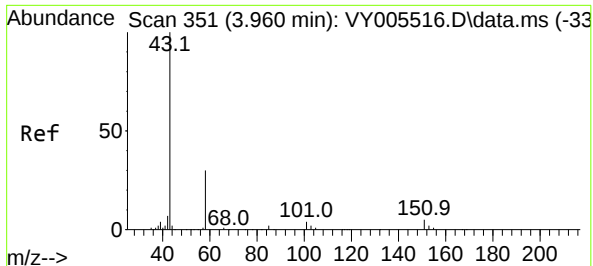
Tgt Ion:168 Resp: 186981
Ion Ratio Lower Upper
168 100
99 50.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 10.988 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.013 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion: 59 Resp: 2056
Ion Ratio Lower Upper
59 100
57 2.7 8.0 12.0#

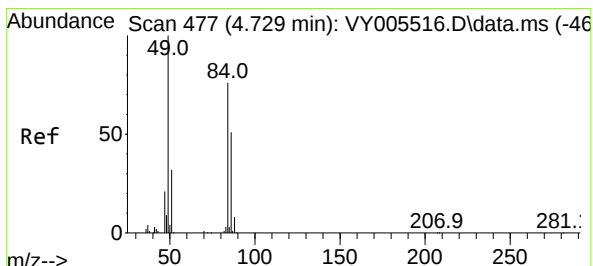
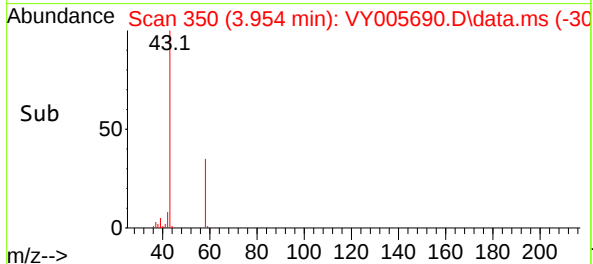
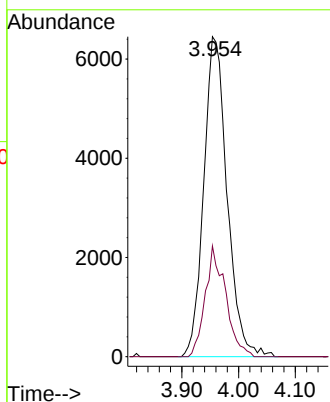
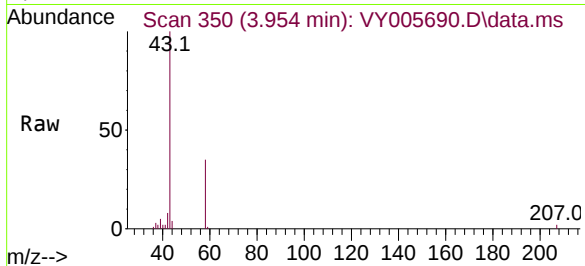




#16
Acetone
Concen: 38.669 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

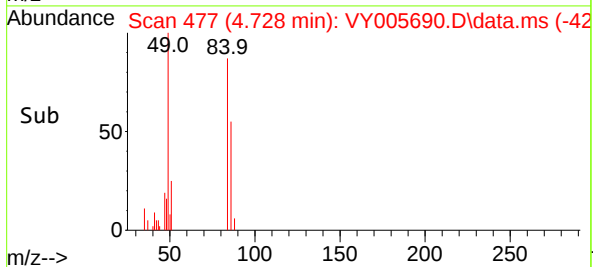
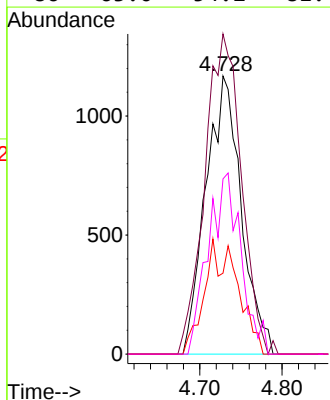
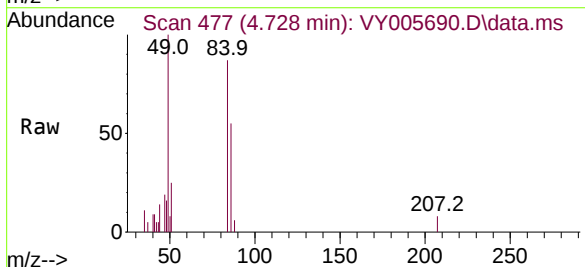
Instrument :
MSVOA_Y
ClientSampled :
18N

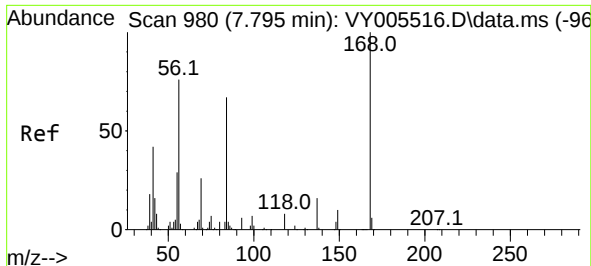
Tgt Ion: 43 Resp: 18453
Ion Ratio Lower Upper
43 100
58 34.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion: 84 Resp: 3491
Ion Ratio Lower Upper
84 100
49 115.2 105.8 158.6
51 29.1 33.4 50.2#
86 63.0 54.2 81.4

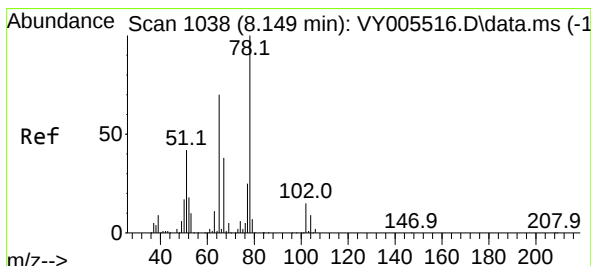
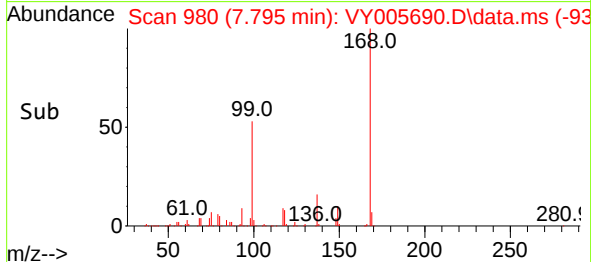
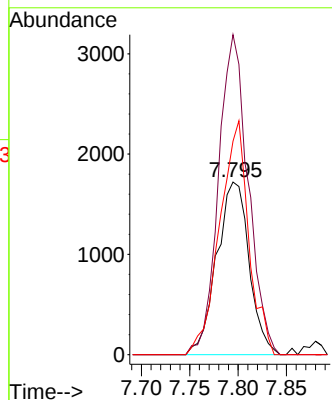
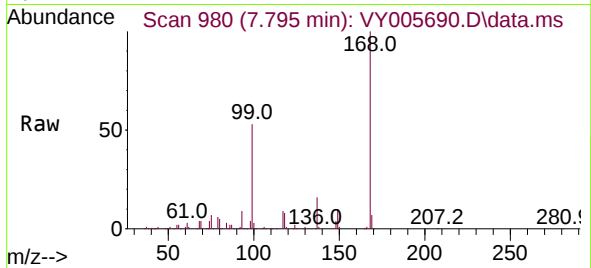




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

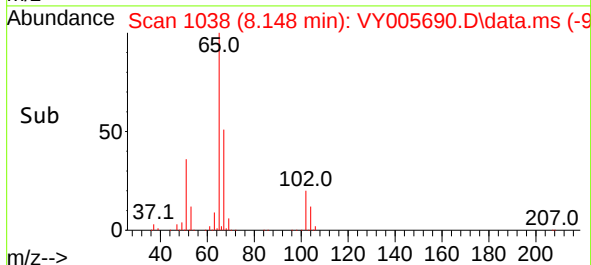
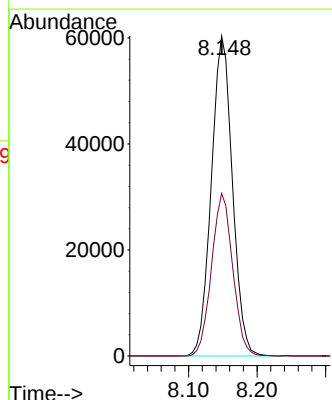
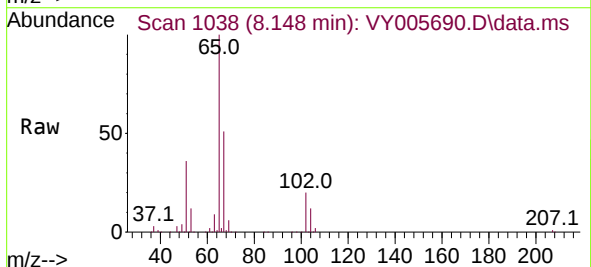
Instrument :
MSVOA_Y
ClientSampled :
18N

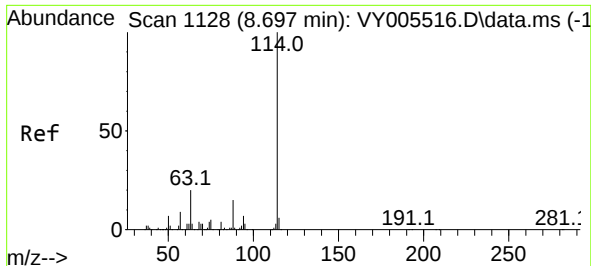
Tgt Ion: 56 Resp: 4009
Ion Ratio Lower Upper
56 100
69 185.4 27.7 41.5#
84 123.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 68.218 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion: 65 Resp: 129118
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

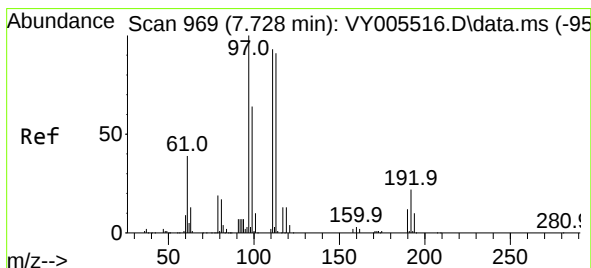
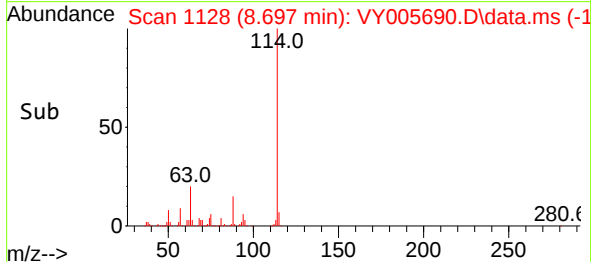
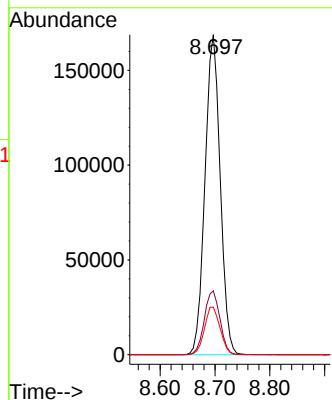
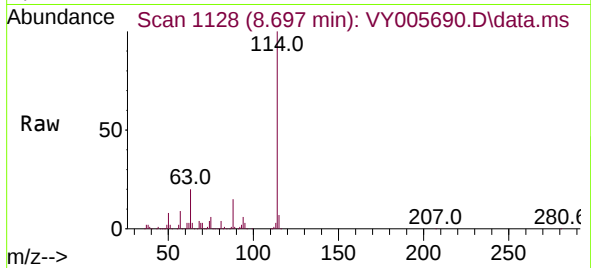




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

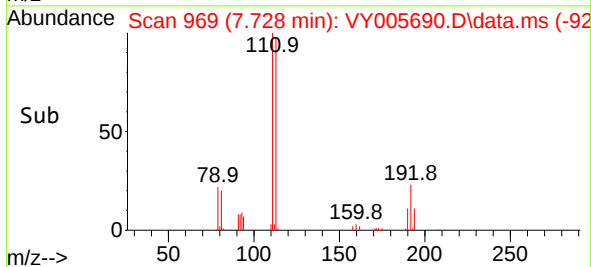
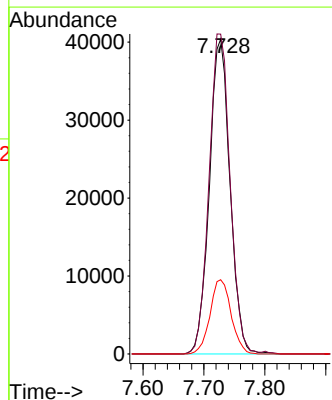
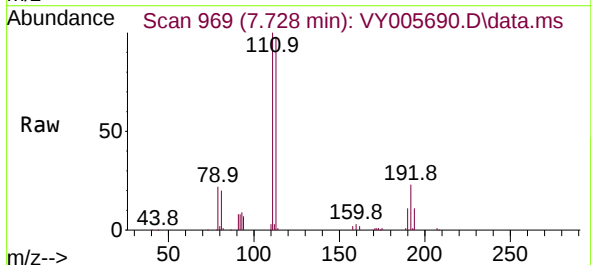
Instrument :
MSVOA_Y
ClientSampled :
18N

Tgt Ion:114 Resp: 324369
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.387 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion:113 Resp: 95138
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 24.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.410 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005690.D

Acq: 17 Aug 2021 00:25

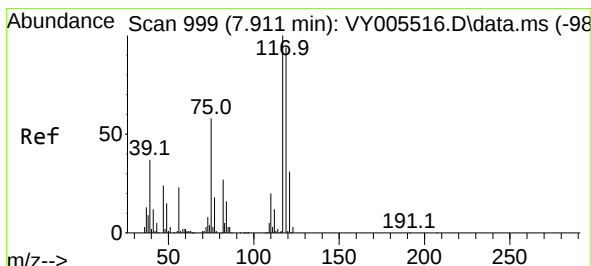
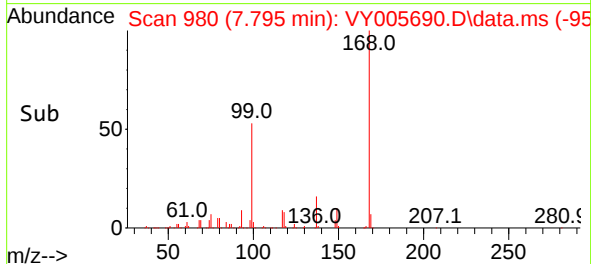
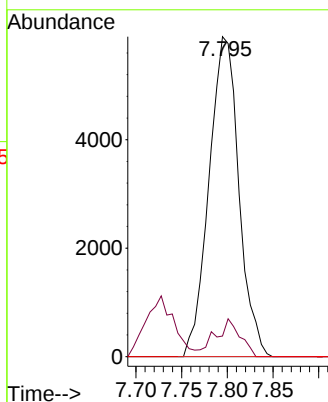
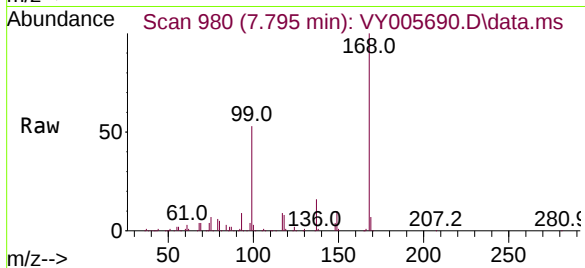
Instrument :

MSVOA_Y

ClientSampleId :

18N

Tgt Ion: 75	Resp: 13416
Ion Ratio	Lower Upper
75 100	
110 9.8	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.286 ug/l

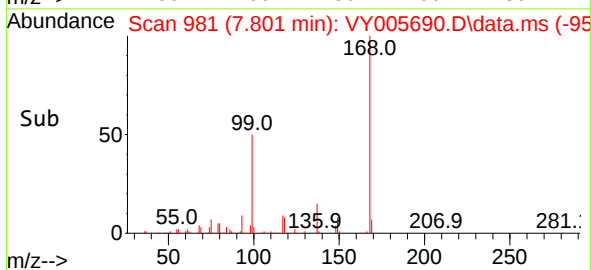
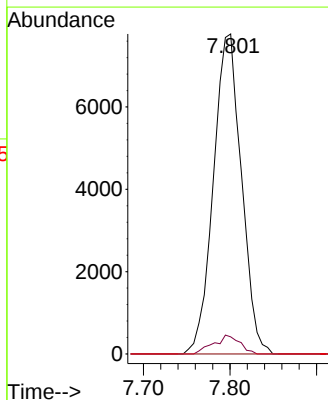
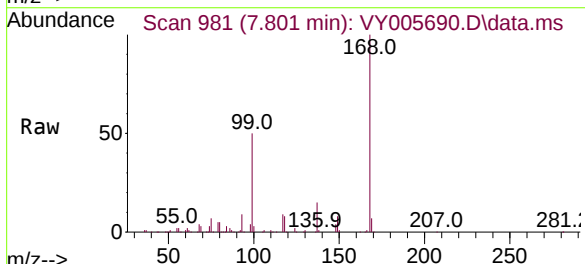
RT: 7.801 min Scan# 981

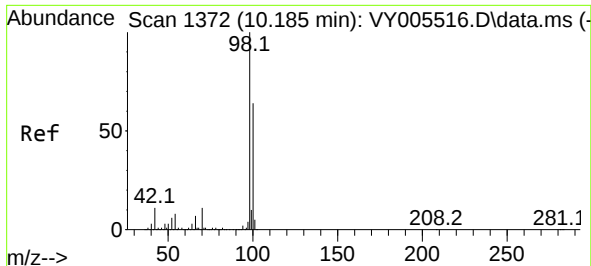
Delta R.T. -0.110 min

Lab File: VY005690.D

Acq: 17 Aug 2021 00:25

Tgt Ion: 117	Resp: 17480
Ion Ratio	Lower Upper
117 100	
119 5.4	75.4 113.0#
121 0.0	25.1 37.7#

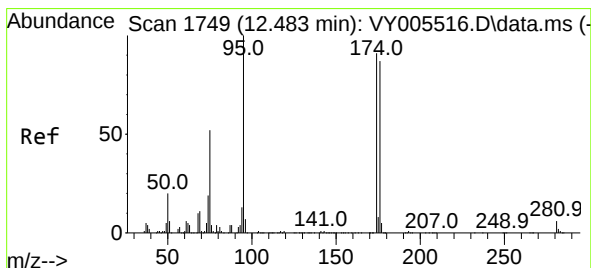
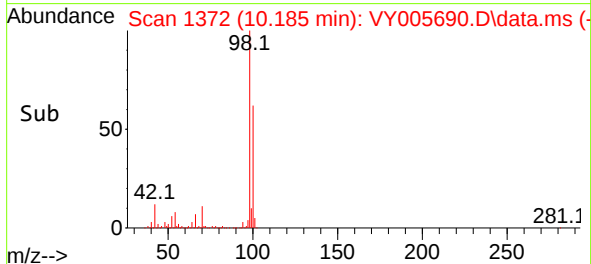
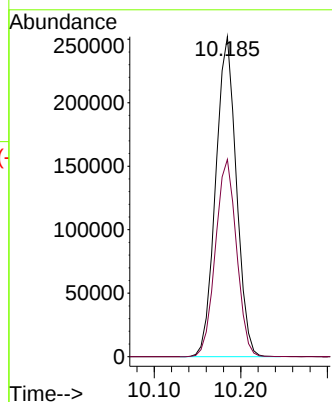
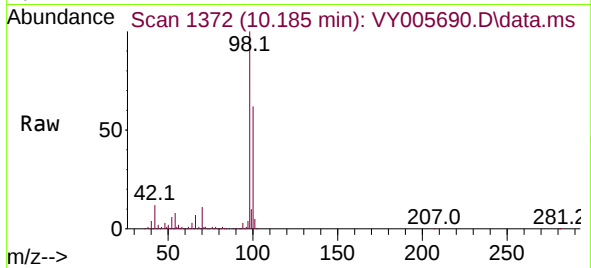




#50
Toluene-d8
Concen: 54.867 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

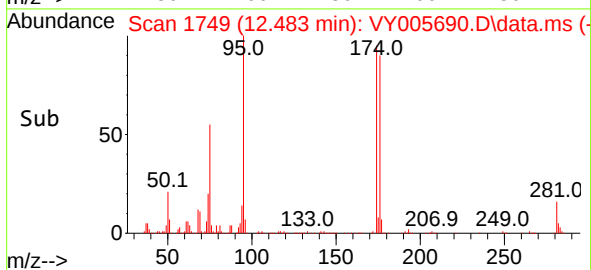
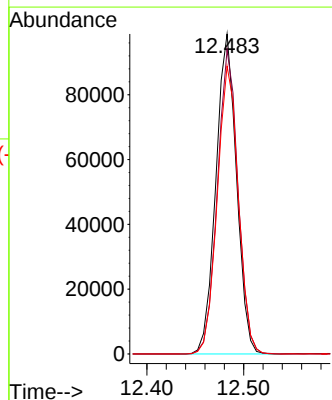
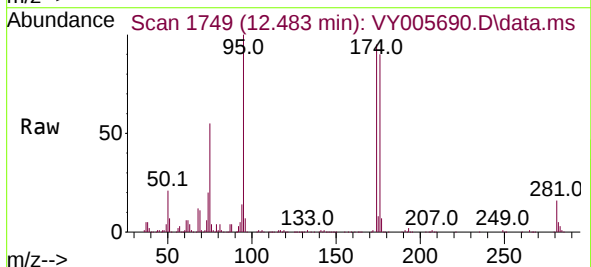
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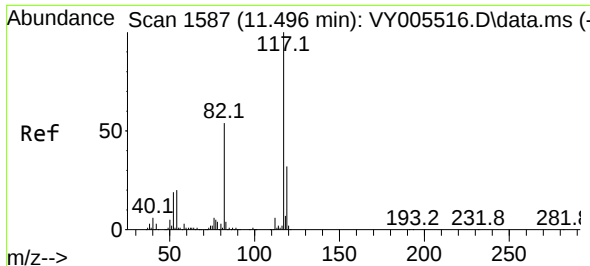
Tgt Ion: 98 Resp: 417889
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion: 95 Resp: 146163
Ion Ratio Lower Upper
95 100
174 95.0 0.0 191.4
176 91.8 0.0 183.6

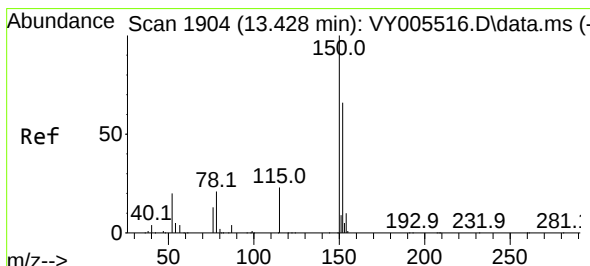
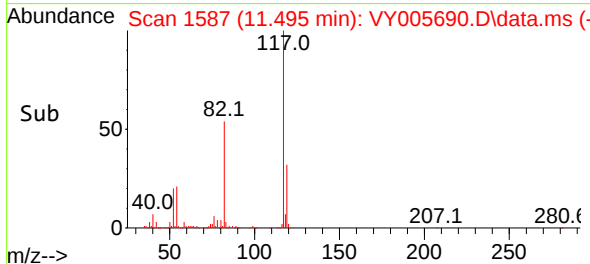
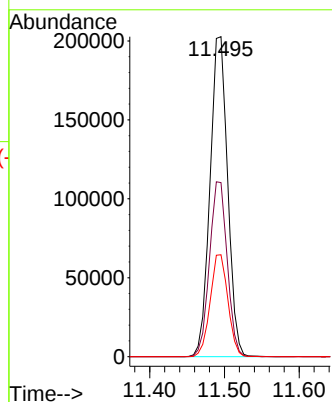
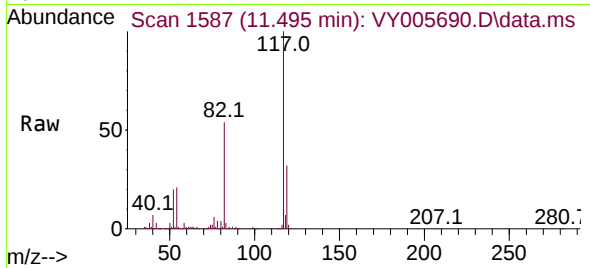




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

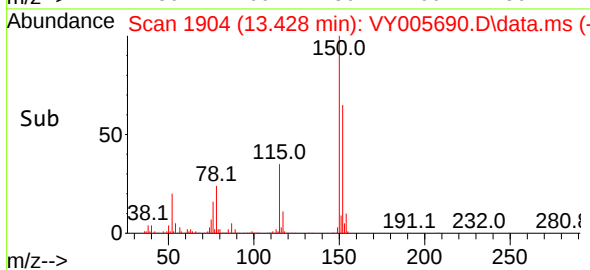
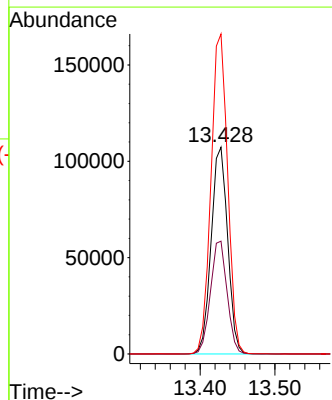
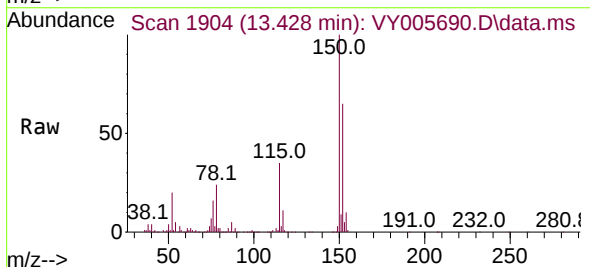
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18N

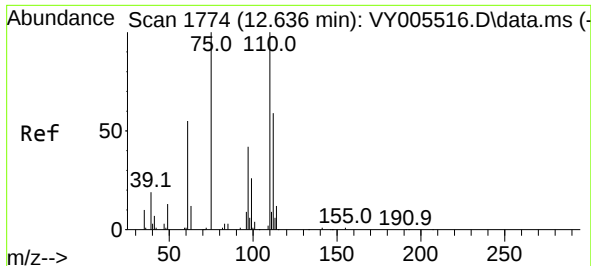
Tgt Ion:	117	Resp:	331776
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion:	152	Resp:	164329
Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	156.2	0.0	350.2

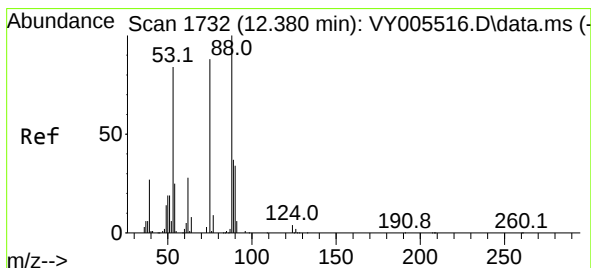
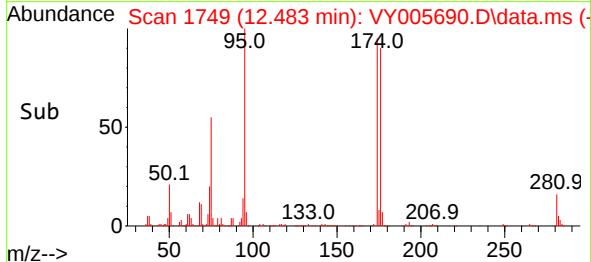
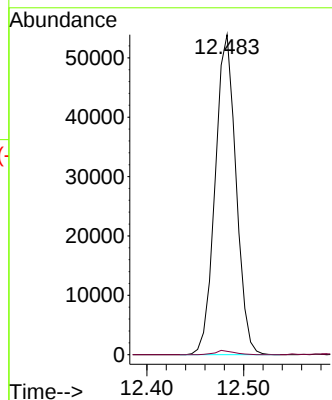
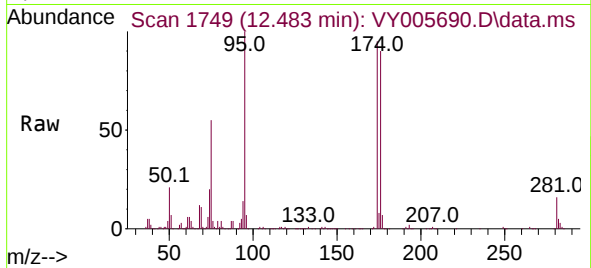




#76
1,2,3-Trichloropropane
Concen: 47.390 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Instrument :
MSVOA_Y
ClientSampled :
18N

Tgt Ion: 75 Resp: 80701
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.532 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005690.D
Acq: 17 Aug 2021 00:25

Tgt Ion: 75 Resp: 80701
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

