

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004755.D
 Acq On : 12 May 2021 15:52
 Operator : SY/MD
 Sample : M2375-01
 Misc : 6.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 13 00:56:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

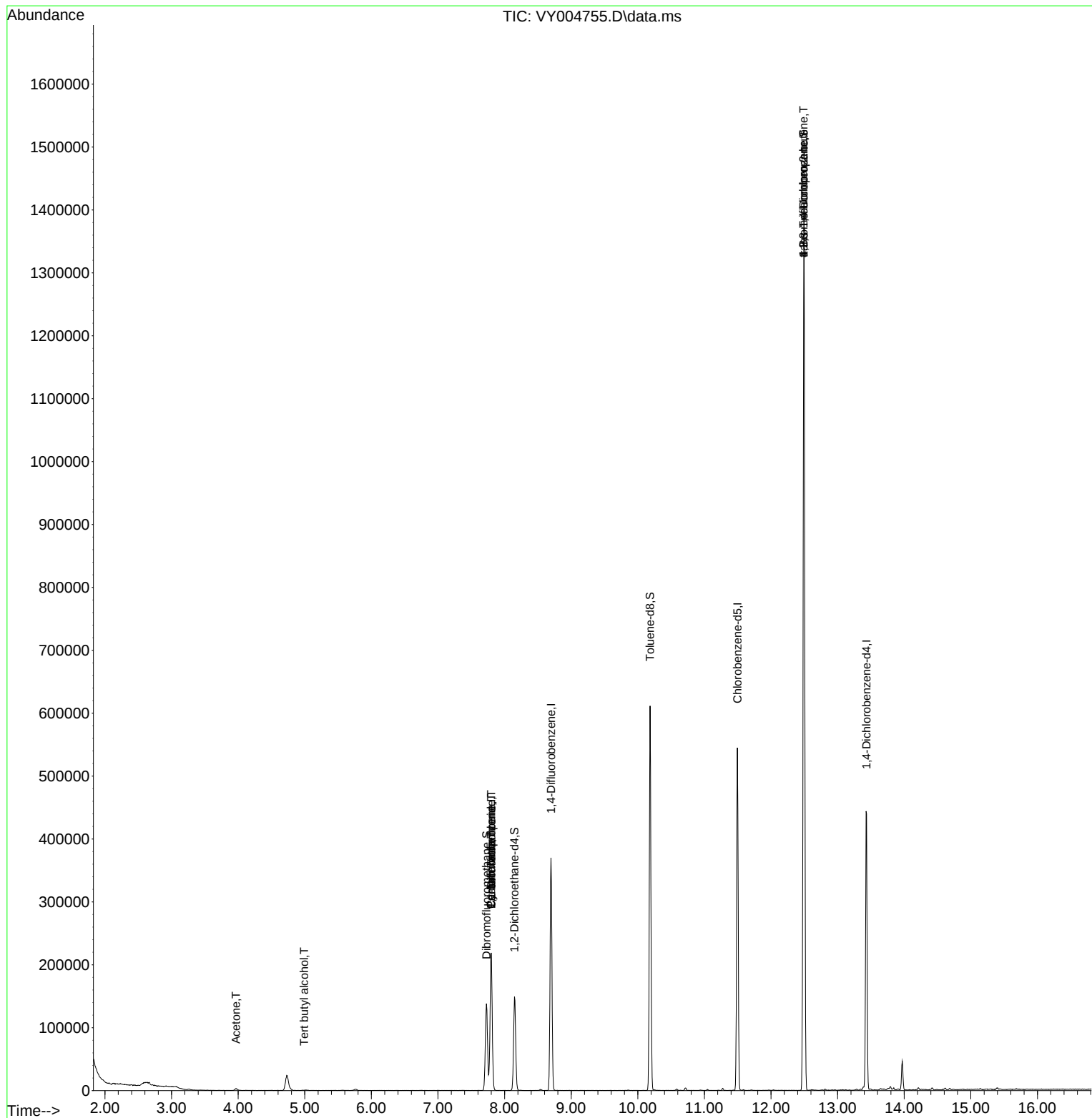
Internal Standards						
1) Pentafluorobenzene	7.801	168	164117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116108	59.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.88%			
35) Dibromofluoromethane	7.728	113	94532	57.74	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.48%			
50) Toluene-d8	10.185	98	365386	49.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.80%			
62) 4-Bromofluorobenzene	12.489	95	122259	48.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.991	59	886	4.51	ug/l #	71
16) Acetone	3.966	43	5682	12.95	ug/l	94
20) Methylene Chloride	4.728	84	17252	Below Cal		95
31) Cyclohexane	7.795	56	4022	1.27	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	13927	4.54	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16758	6.08	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	78592	67.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	78592	117.49	ug/l #	15

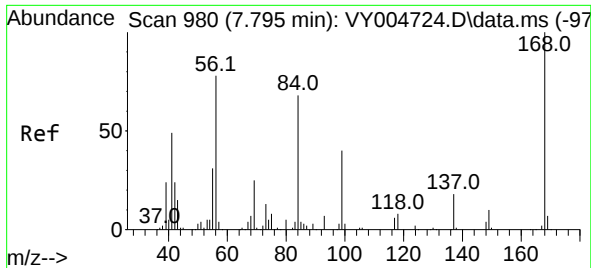
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

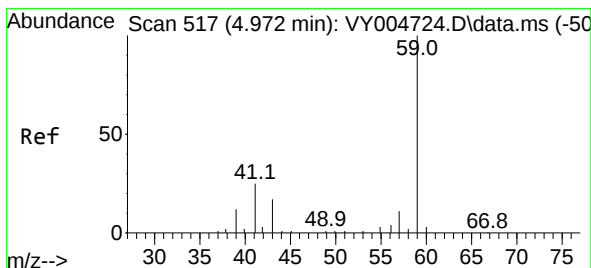
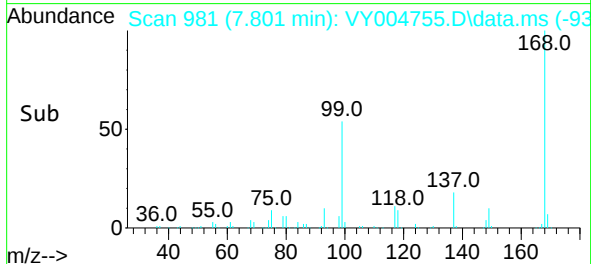
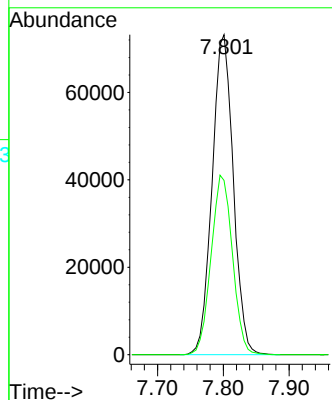
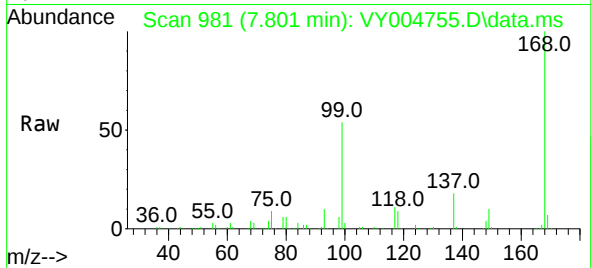




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

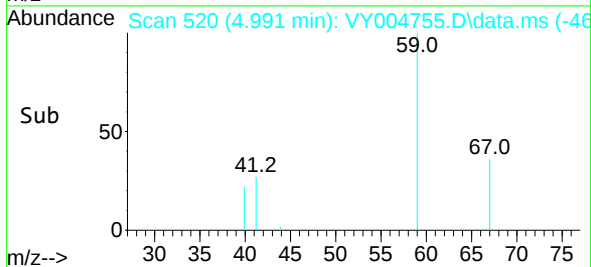
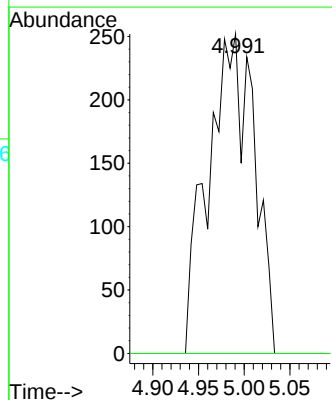
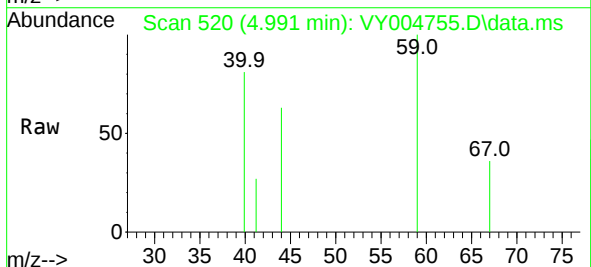
Instrument :
MSVOA_Y
ClientSampled :

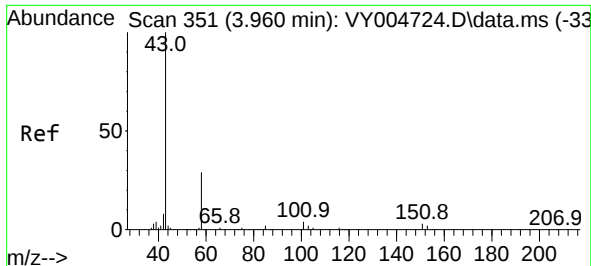
Tgt Ion:168 Resp: 164117
Ion Ratio Lower Upper
168 100
99 54.4 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.51 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.018 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

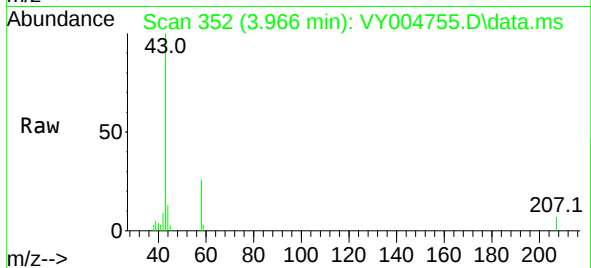
Tgt Ion: 59 Resp: 886
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



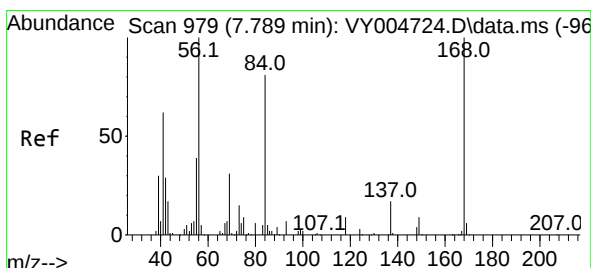
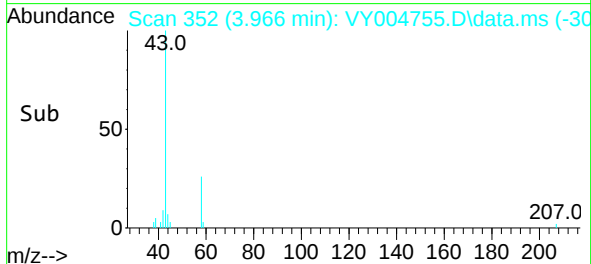
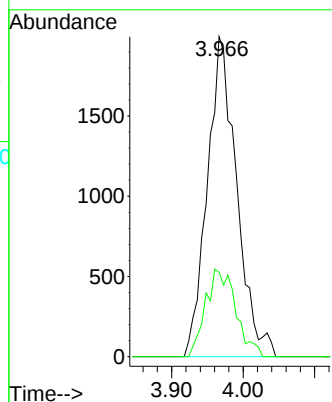


#16
Acetone
Concen: 12.95 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Instrument :
MSVOA_Y
ClientSampleId :

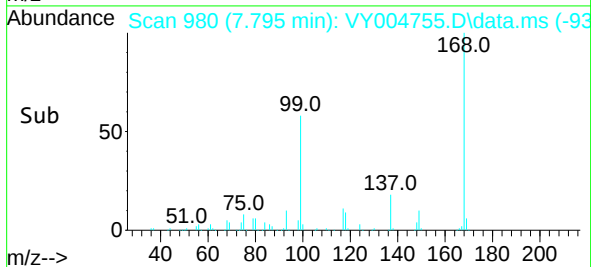
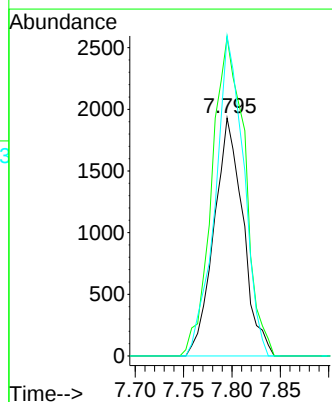
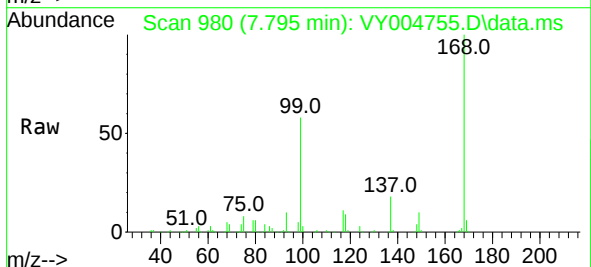


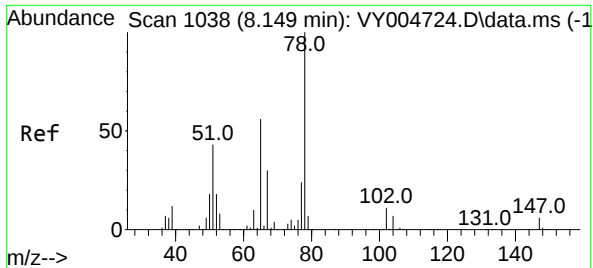
Tgt Ion: 43 Resp: 5682
Ion Ratio Lower Upper
43 100
58 26.4 23.6 35.4



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Tgt Ion: 56 Resp: 4022
Ion Ratio Lower Upper
56 100
69 134.0 24.4 36.6#
84 134.5 64.8 97.2#

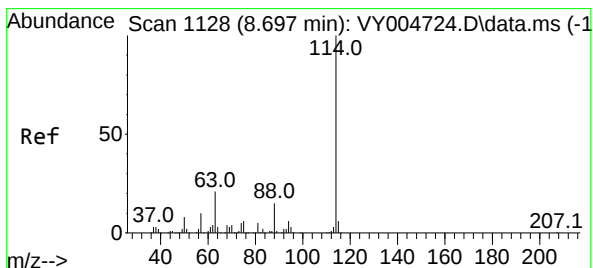
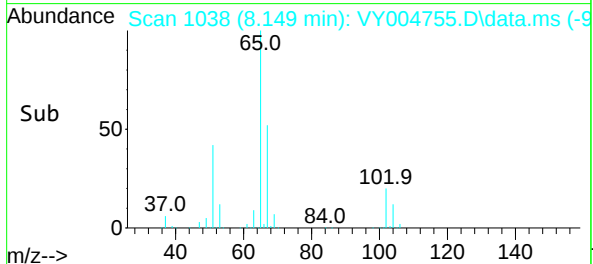
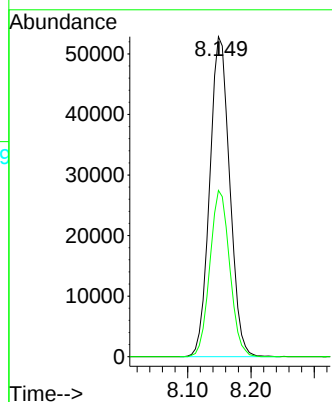
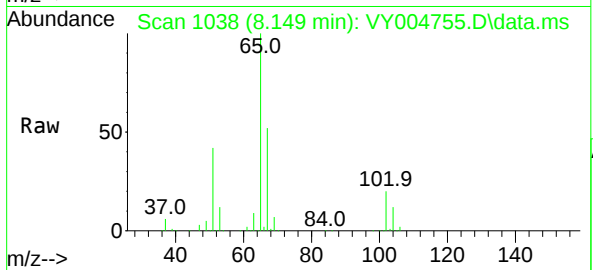




#33
1,2-Dichloroethane-d4
Concen: 59.44 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

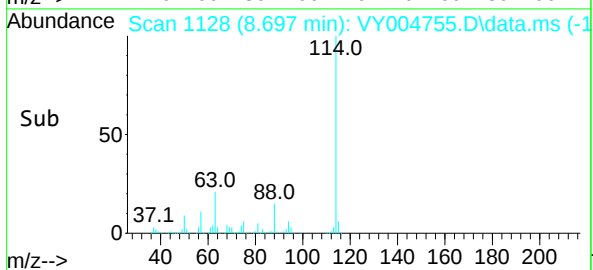
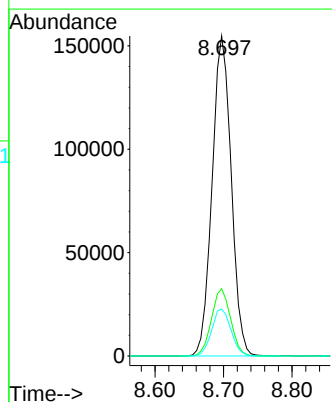
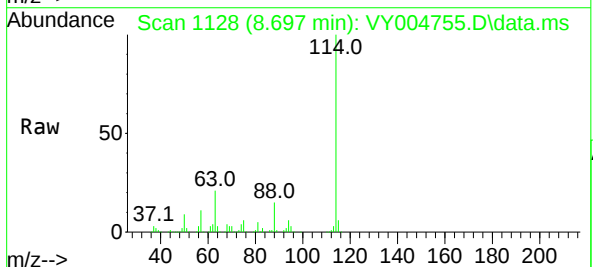
Instrument :
MSVOA_Y
ClientSampled :

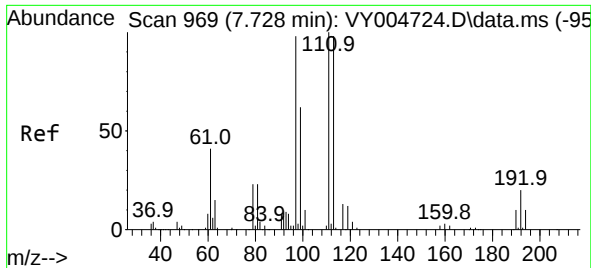
Tgt Ion: 65 Resp: 116108
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Tgt Ion: 114 Resp: 299056
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 14.7 0.0 31.0

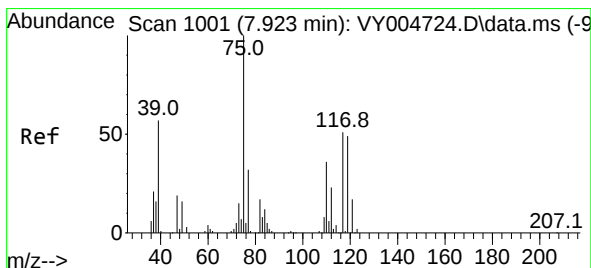
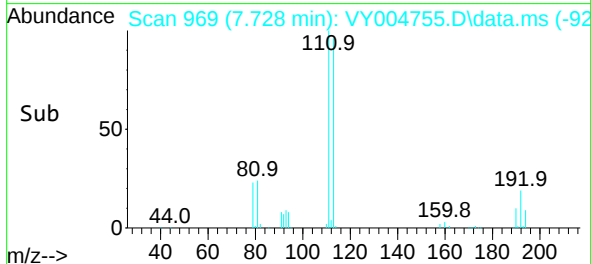
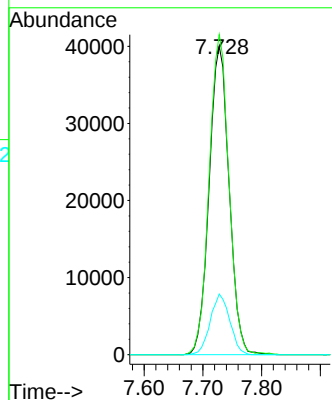
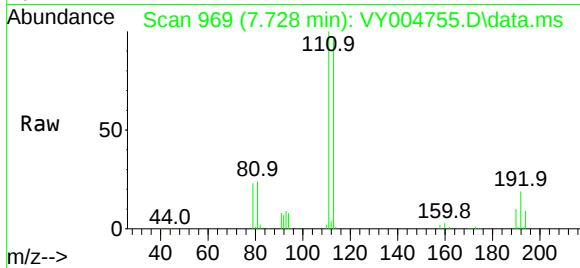




#35
Dibromofluoromethane
Concen: 57.74 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

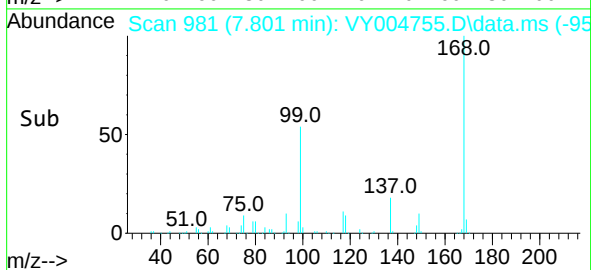
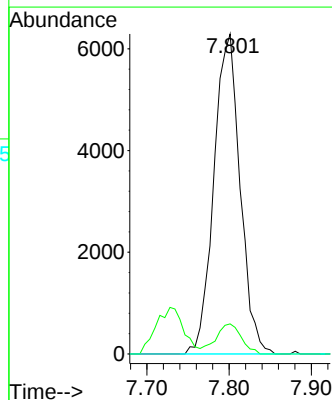
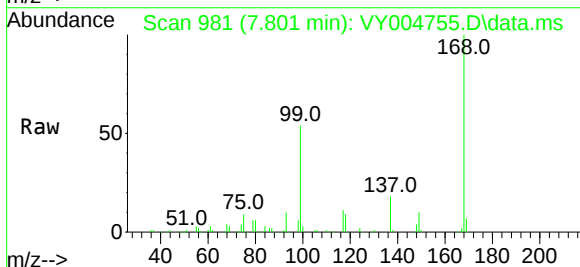
Instrument :
MSVOA_Y
ClientSampleId :

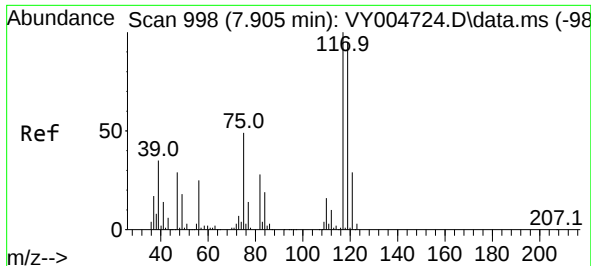
Tgt Ion:	113	Resp:	94532
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.5	120.7
192	19.2	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

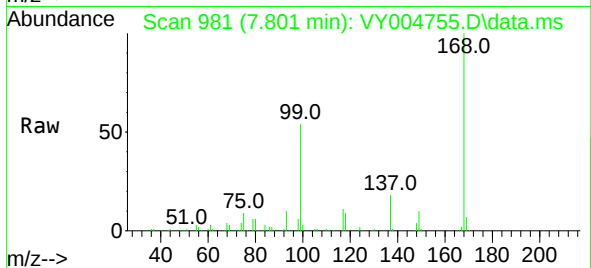
Tgt Ion:	75	Resp:	13927
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	25.0	37.4#



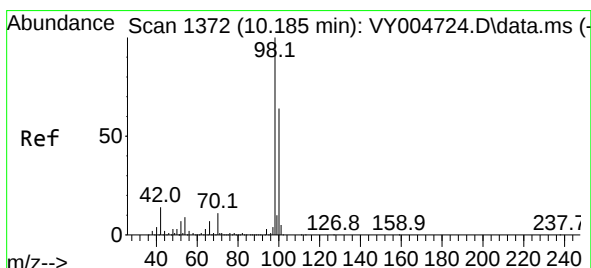
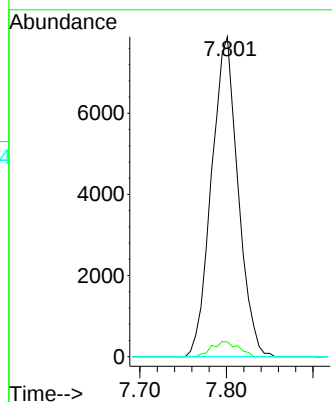
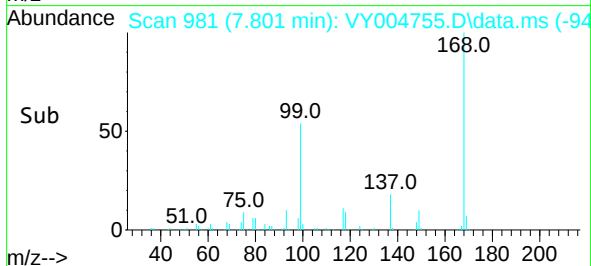


#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Instrument :
MSVOA_Y
ClientSampleId :

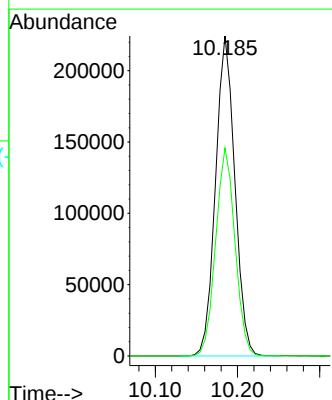
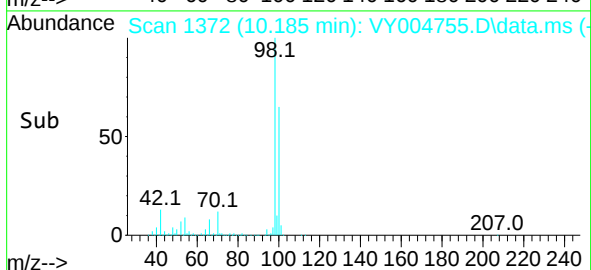
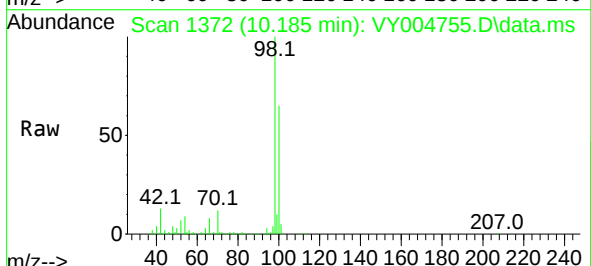


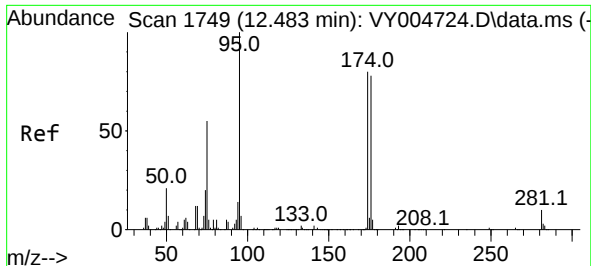
Tgt Ion: 117 Resp: 16758
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 49.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Tgt Ion: 98 Resp: 365386
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

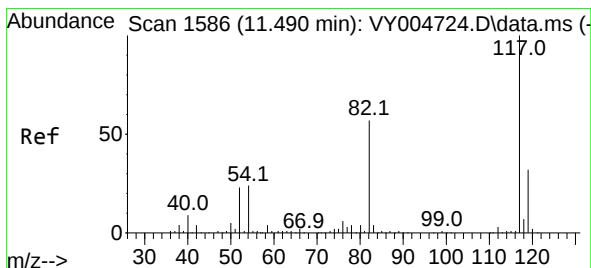
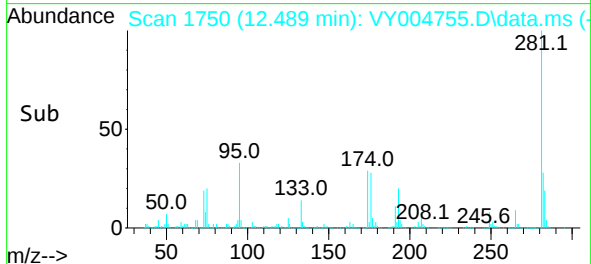
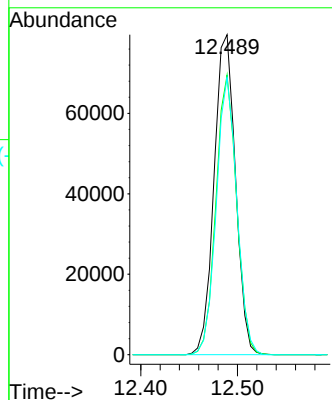
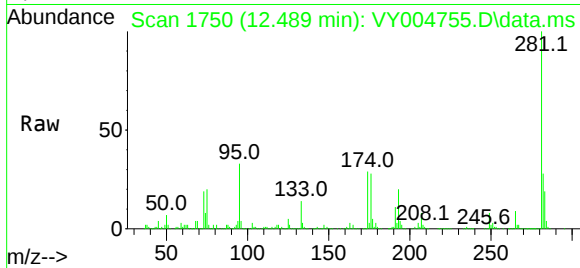




#62
4-Bromofluorobenzene
Concen: 48.98 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

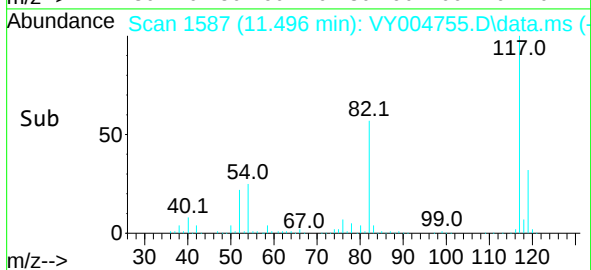
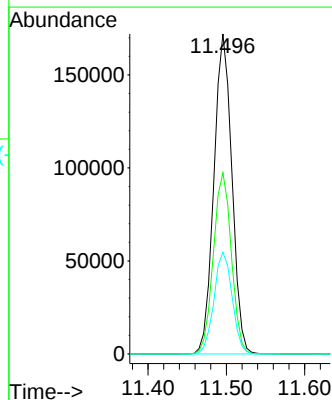
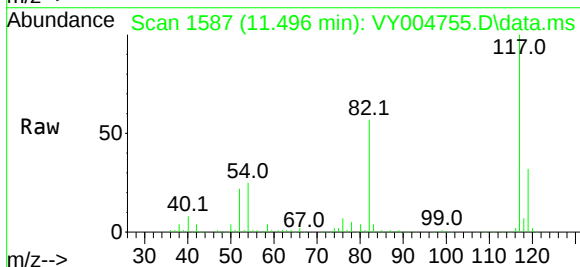
Instrument :
MSVOA_Y
ClientSampleId :

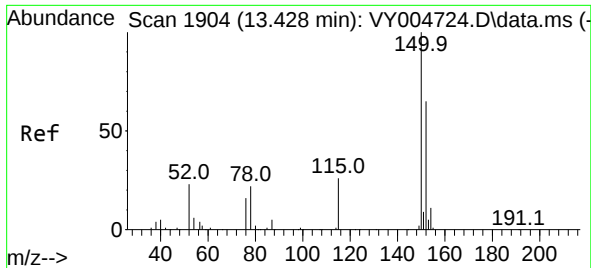
Tgt Ion: 95 Resp: 122259
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.2
176 83.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Tgt Ion: 117 Resp: 274944
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 31.8 25.8 38.6

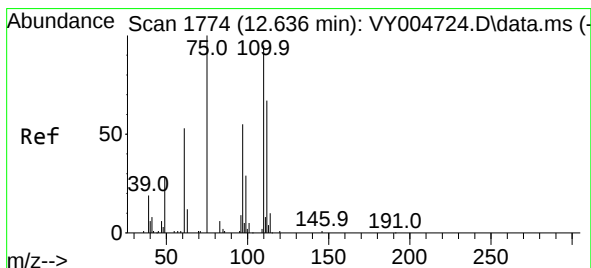
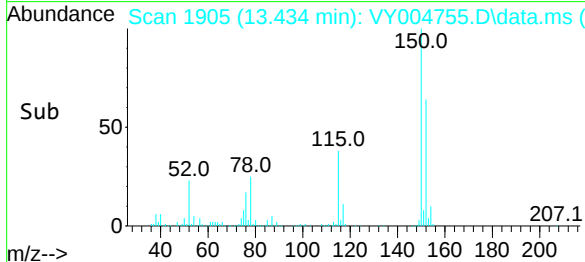
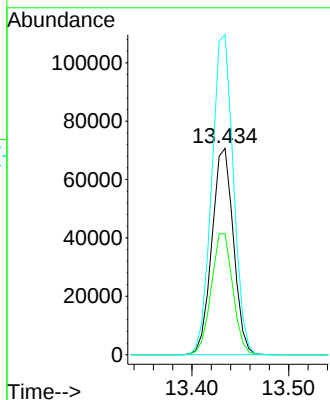
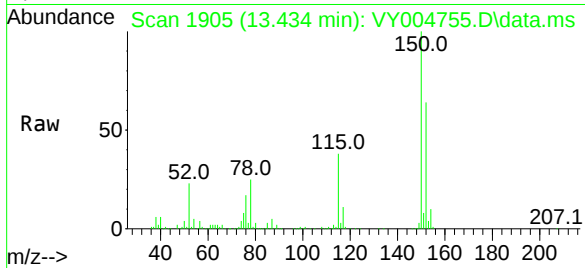




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

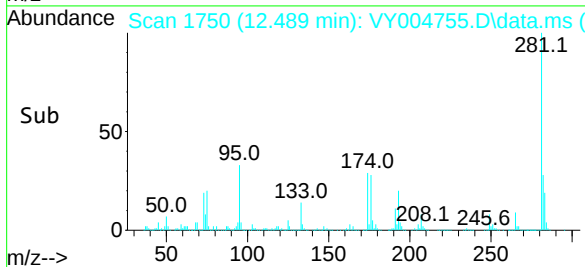
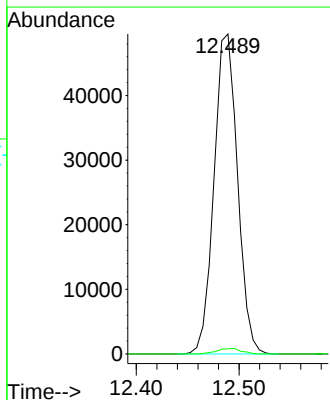
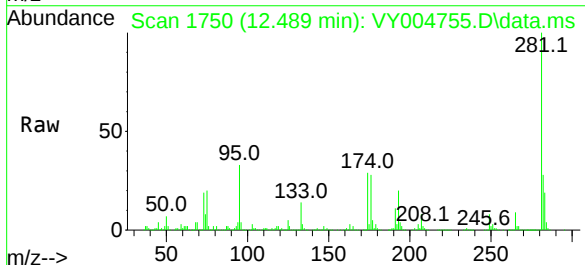
Instrument :
MSVOA_Y
ClientSampled :

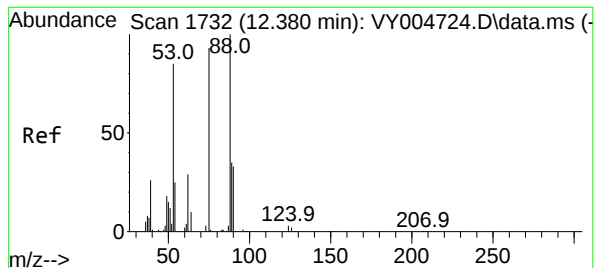
Tgt Ion:152 Resp: 109203
Ion Ratio Lower Upper
152 100
115 58.9 29.4 88.3
150 156.1 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 67.76 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004755.D
Acq: 12 May 2021 15:52

Tgt Ion: 75 Resp: 78592
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 117.49 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.110 min

Lab File: VY004755.D

Acq: 12 May 2021 15:52

Tgt Ion: 75 Resp: 78592

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 4.3 35.5 53.3#

Instrument :

MSVOA_Y

ClientSampleId :

