

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006269.D
 Acq On : 01 Oct 2021 18:26
 Operator : SY/MD
 Sample : M4035-05
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

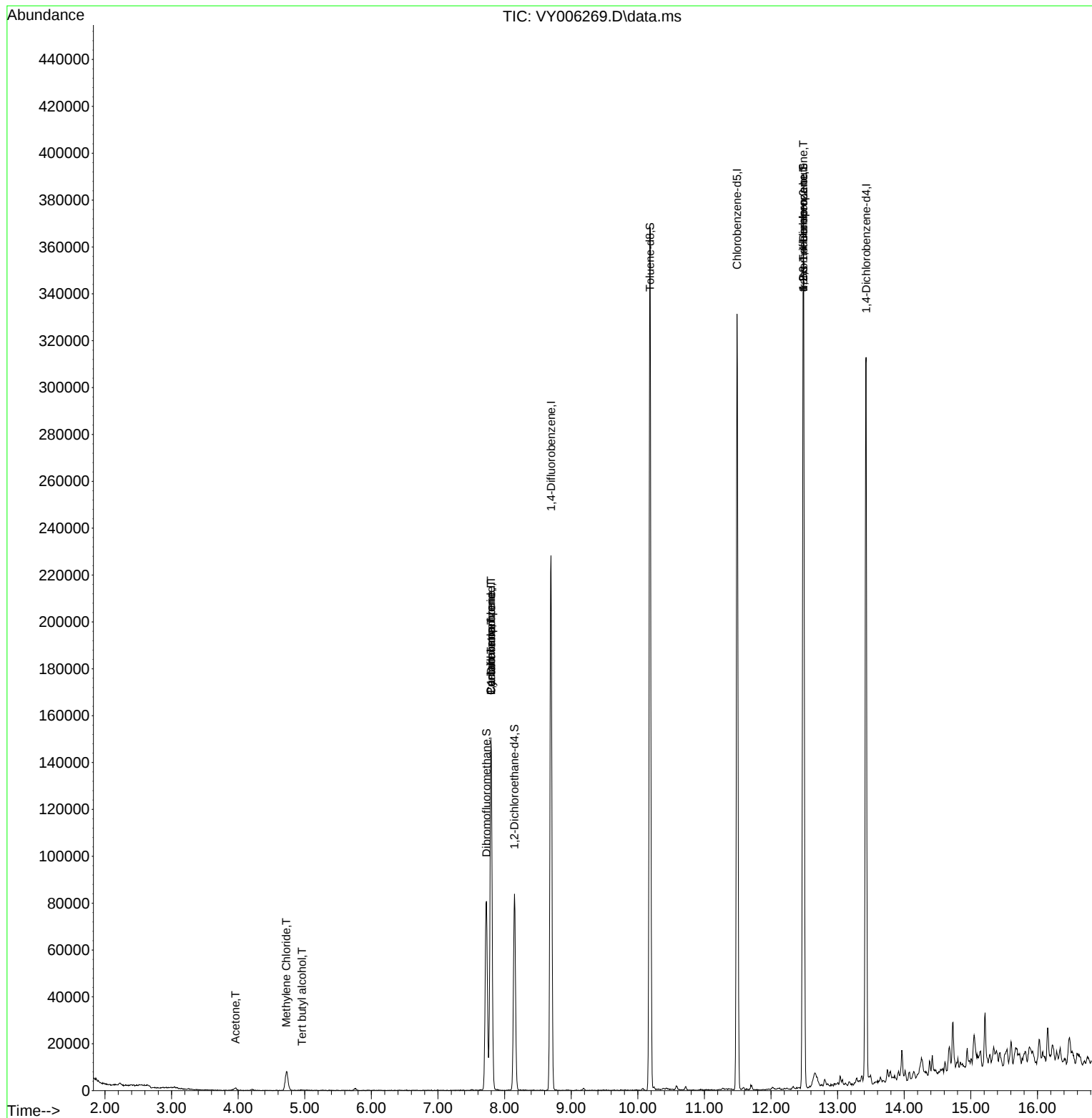
Internal Standards						
1) Pentafluorobenzene	7.795	168	116826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68879	55.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.180%	
35) Dibromofluoromethane	7.728	113	54591	54.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.185	98	236293	55.983	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.483	95	73295	51.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	265	2.423	ug/l #	77
16) Acetone	3.960	43	1941	5.558	ug/l	96
20) Methylene Chloride	4.722	84	5643	1.020	ug/l	91
31) Cyclohexane	7.795	56	2731	1.153	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	8966	4.774	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11443	5.770	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42770	55.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42770	108.529	ug/l #	8

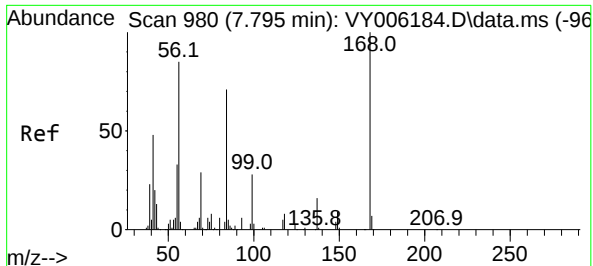
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

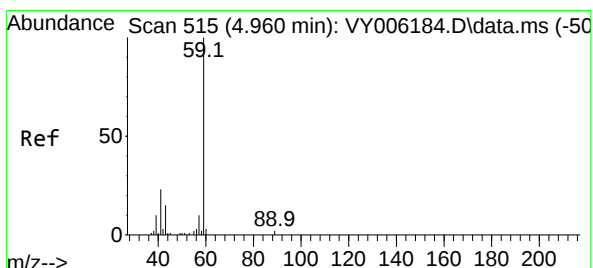
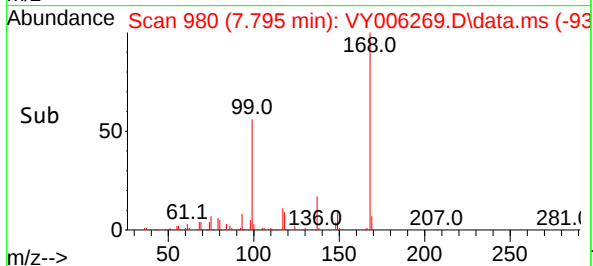
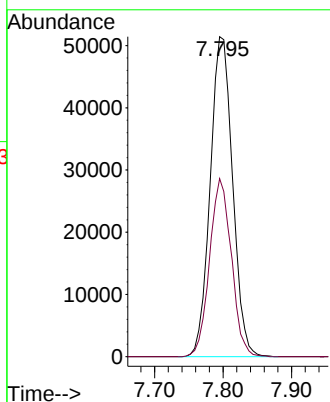
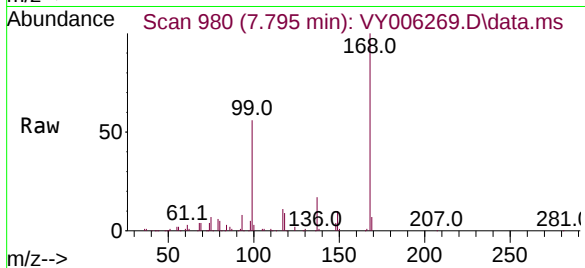




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

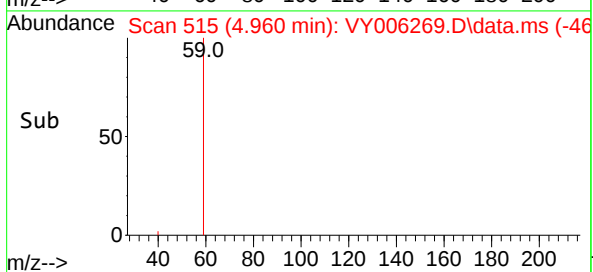
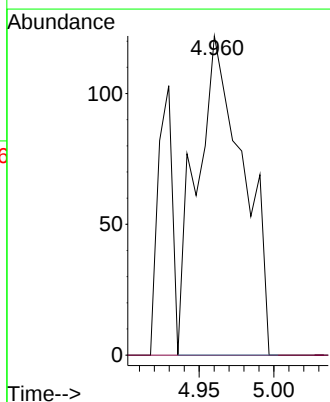
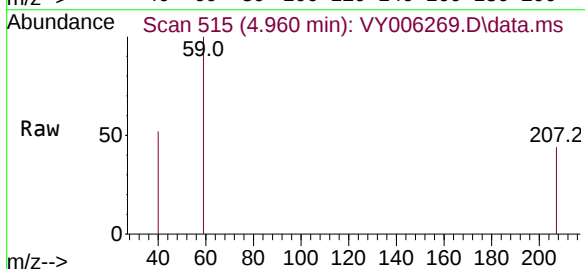
Instrument :
MSVOA_Y
ClientSampled :

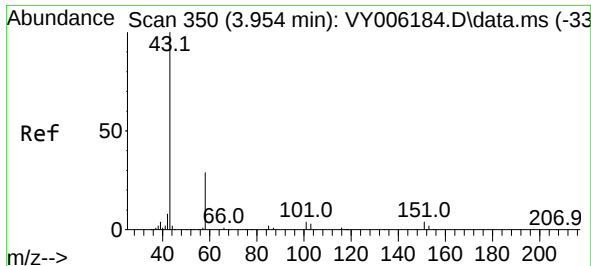
Tgt Ion:168 Resp: 116826
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.423 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

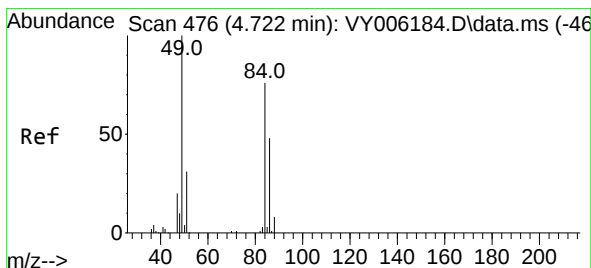
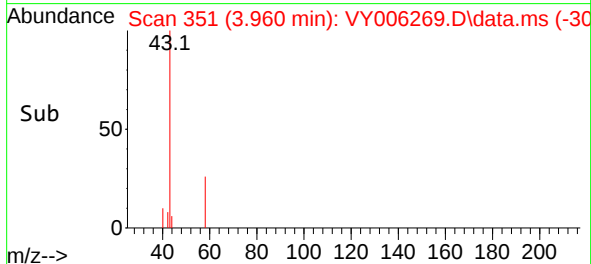
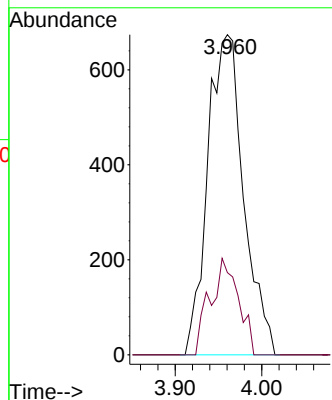
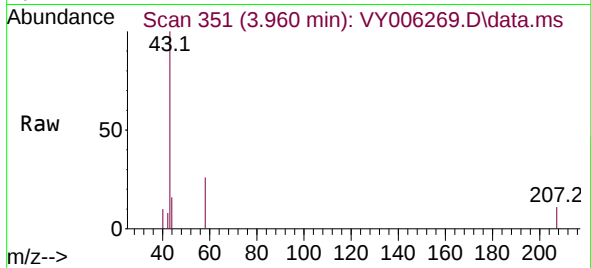




#16
Acetone
Concen: 5.558 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

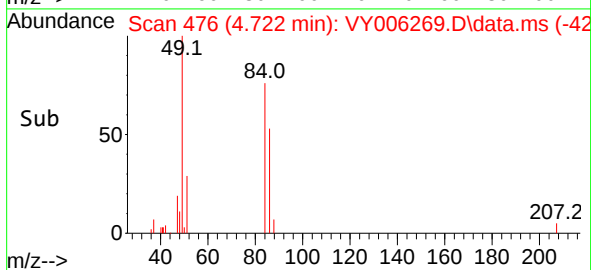
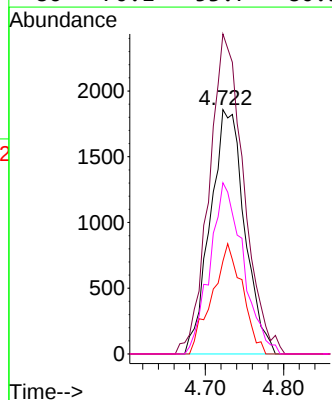
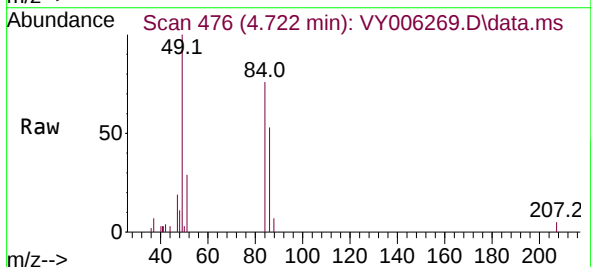
Instrument :
MSVOA_Y
ClientSampled :

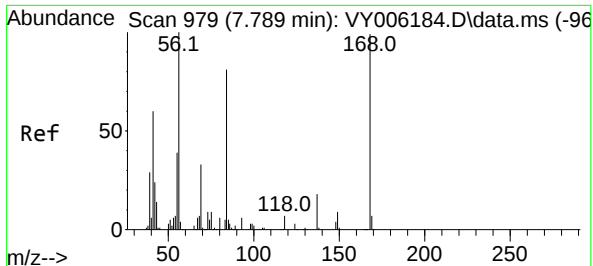
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 25.7 22.0 33.0



#20
Methylene Chloride
Concen: 1.020 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

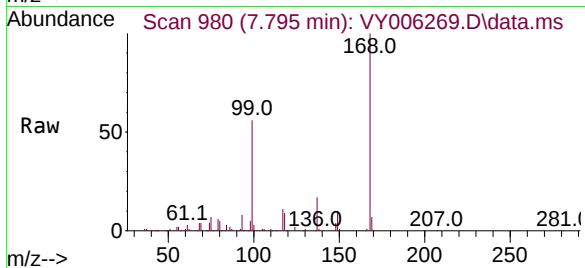
Tgt Ion: 84 Resp: 5643
Ion Ratio Lower Upper
84 100
49 128.0 114.4 171.6
51 38.0 35.3 52.9
86 70.1 53.7 80.5



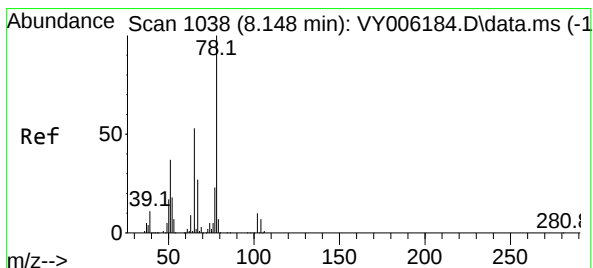
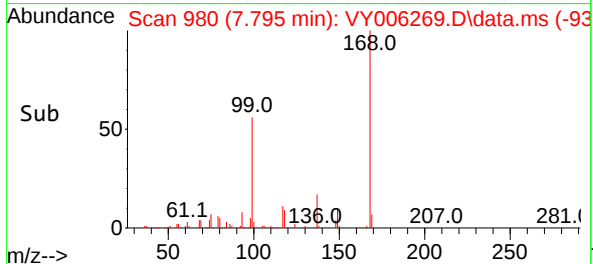
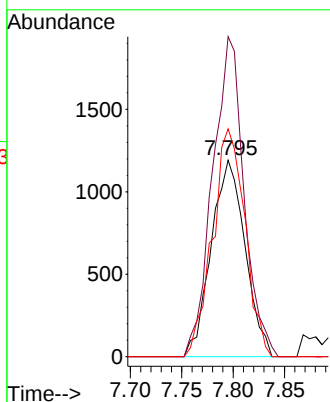


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Instrument :
MSVOA_Y
ClientSampleId :

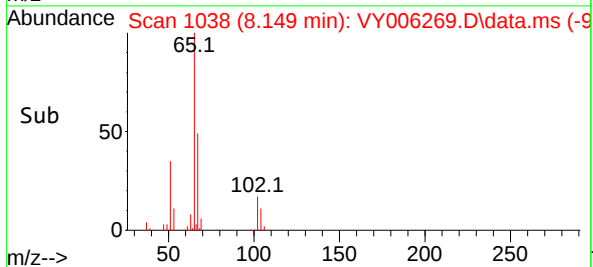
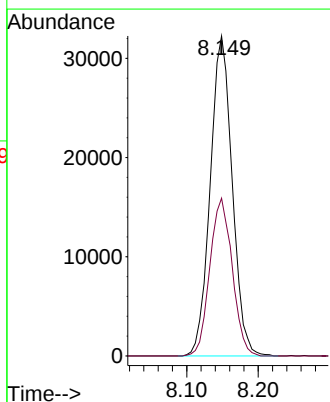
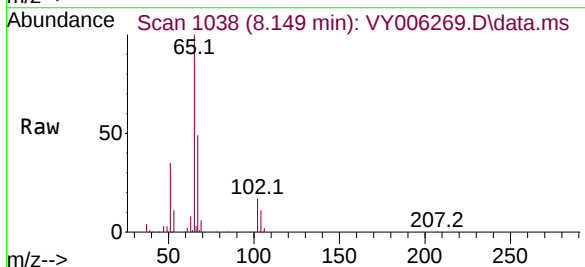


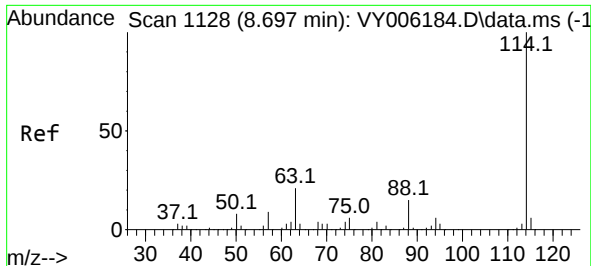
Tgt Ion: 56 Resp: 2731
Ion Ratio Lower Upper
56 100
69 162.8 26.7 40.1#
84 115.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.086 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Tgt Ion: 65 Resp: 68879
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4

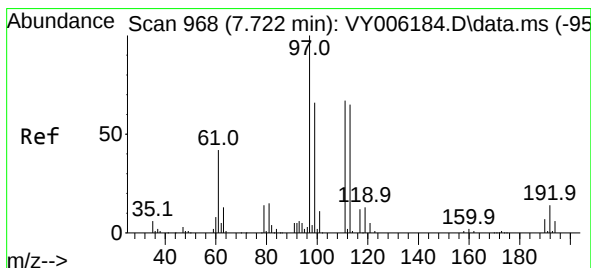
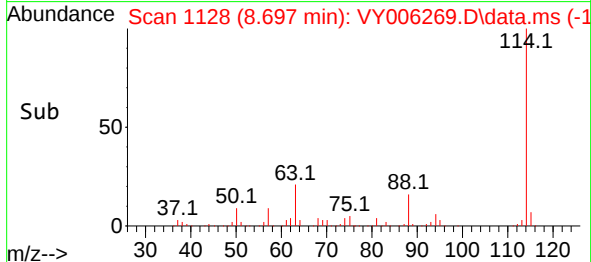
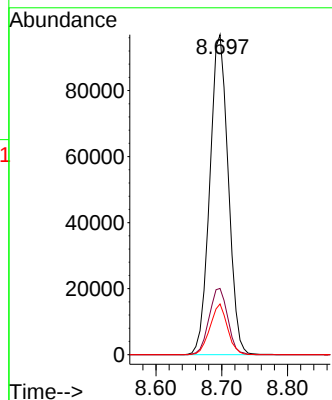
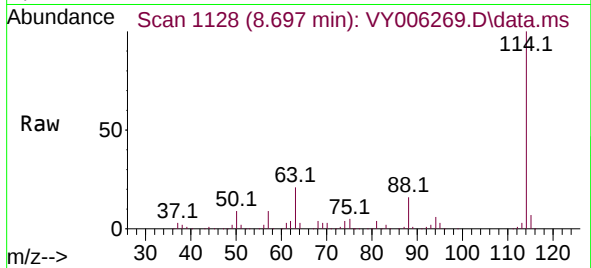




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

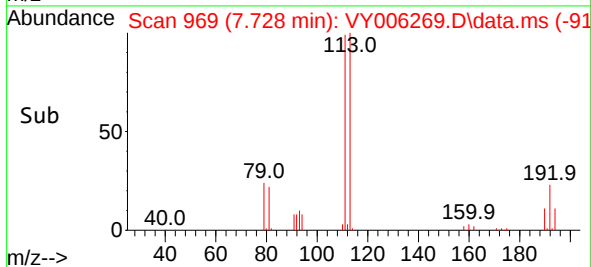
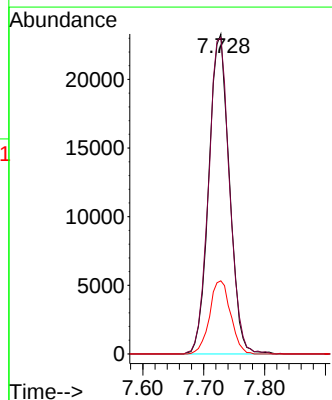
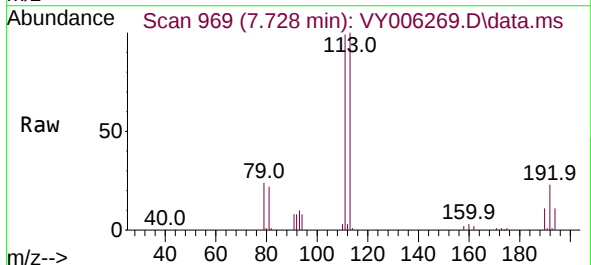
Instrument :
MSVOA_Y
ClientSampleId :

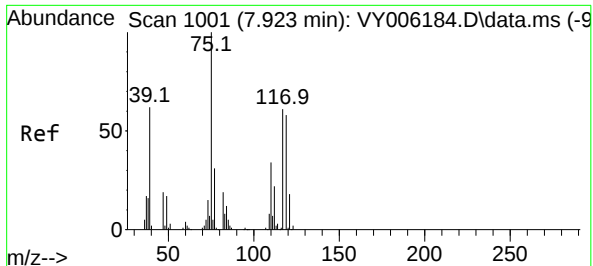
Tgt Ion:114 Resp: 188767
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.131 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Tgt Ion:113 Resp: 54591
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 23.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006269.D

Acq: 01 Oct 2021 18:26

Tgt Ion: 75 Resp: 8966

Ion Ratio Lower Upper

75 100

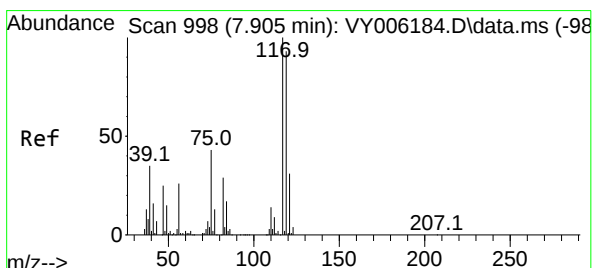
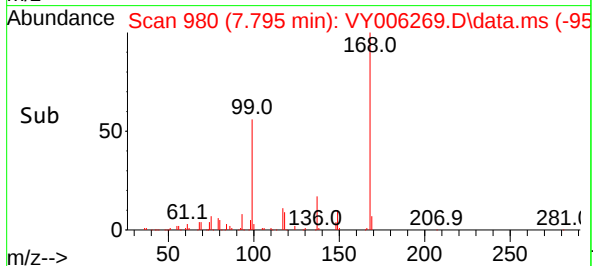
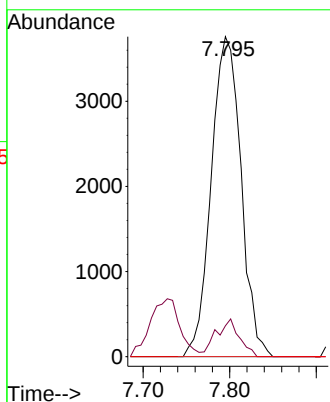
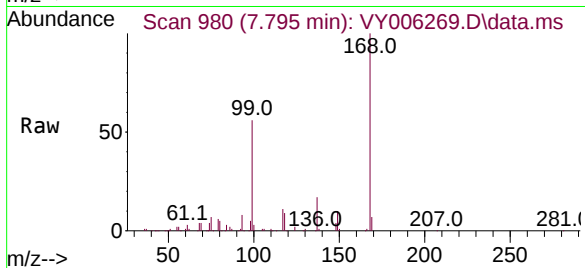
110 9.2 17.1 51.2#

77 0.0 24.4 36.6#

Instrument :

MSVOA_Y

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.770 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006269.D

Acq: 01 Oct 2021 18:26

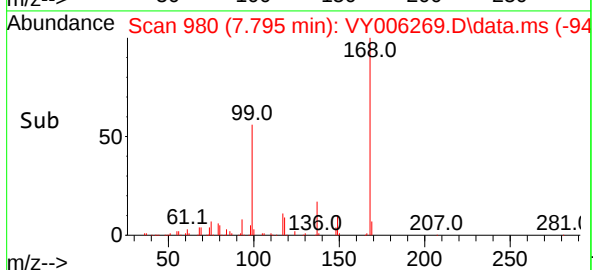
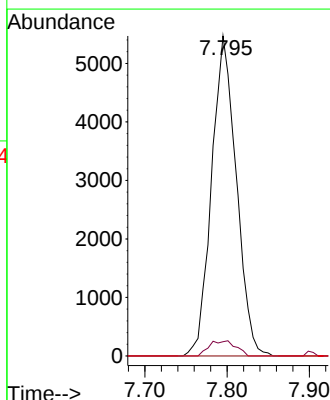
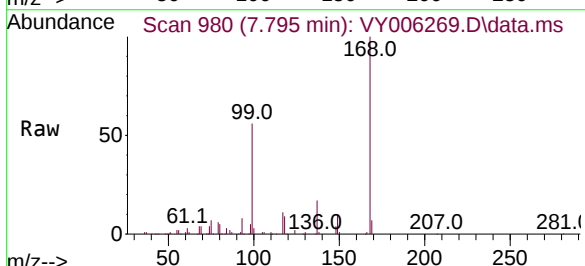
Tgt Ion: 117 Resp: 11443

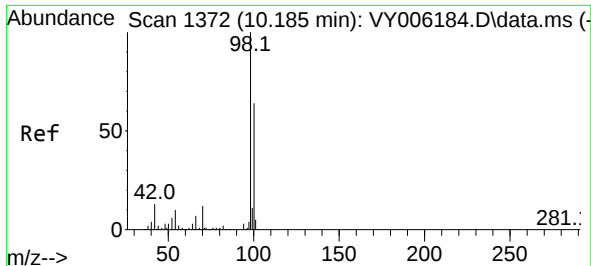
Ion Ratio Lower Upper

117 100

119 4.4 77.9 116.9#

121 0.0 24.8 37.2#

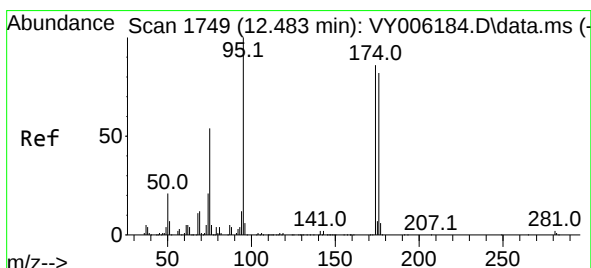
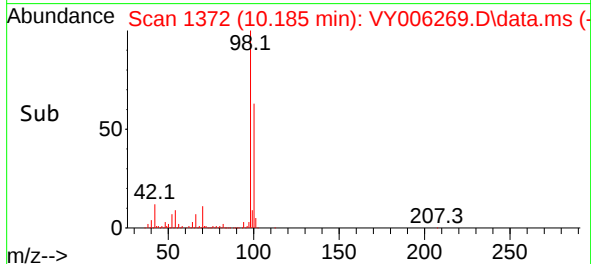
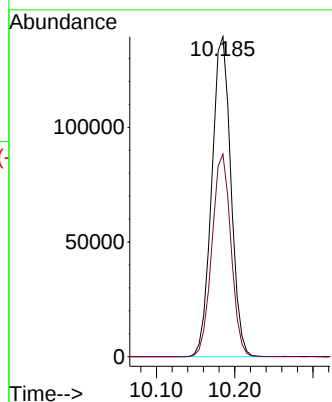
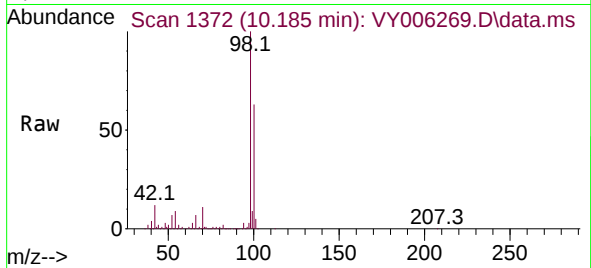




#50
Toluene-d8
Concen: 55.983 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

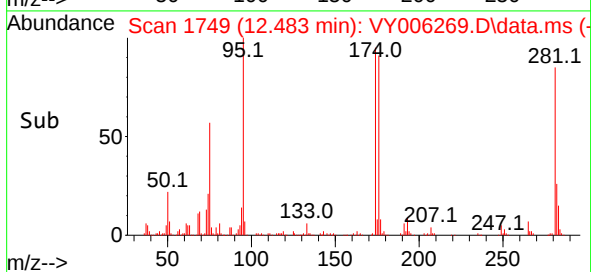
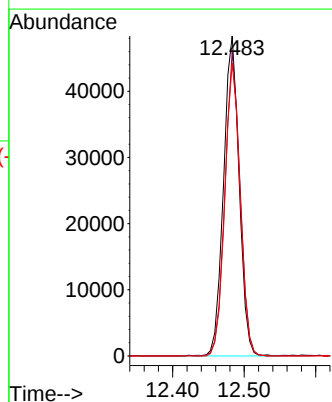
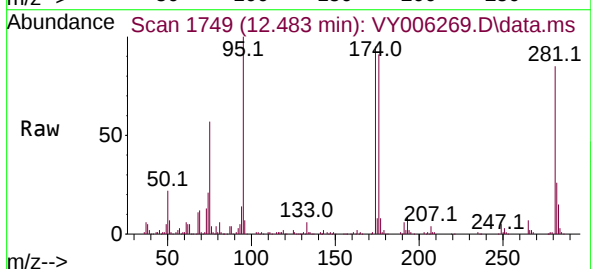
Instrument :
MSVOA_Y
ClientSampled :

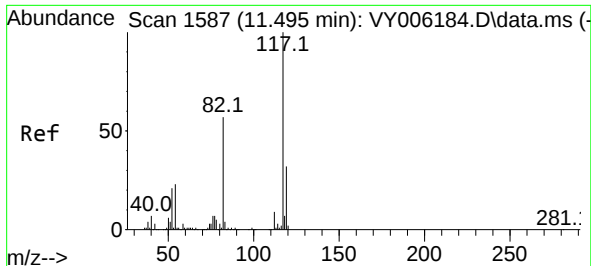
Tgt Ion: 98 Resp: 236293
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.117 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Tgt Ion: 95 Resp: 73295
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 89.9 0.0 175.8

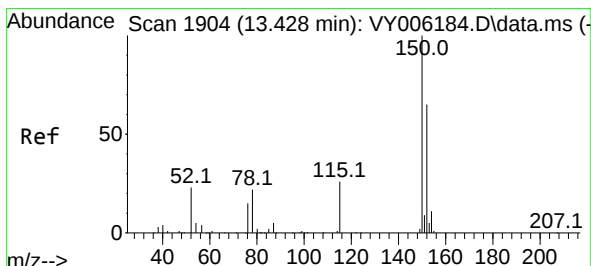
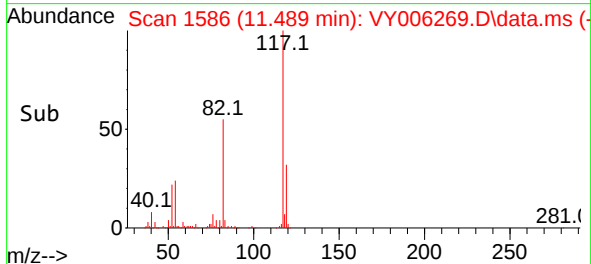
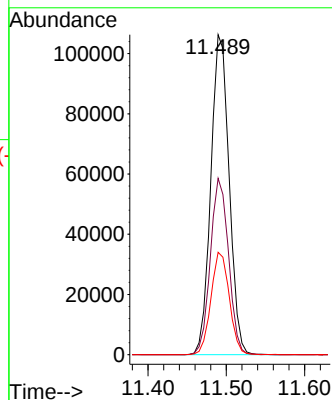
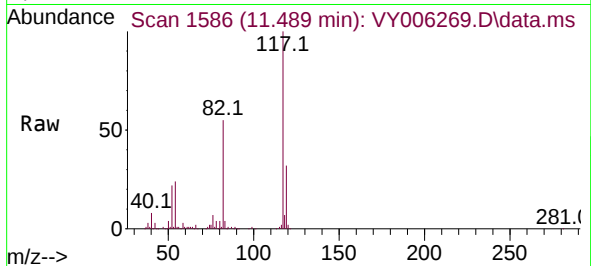




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

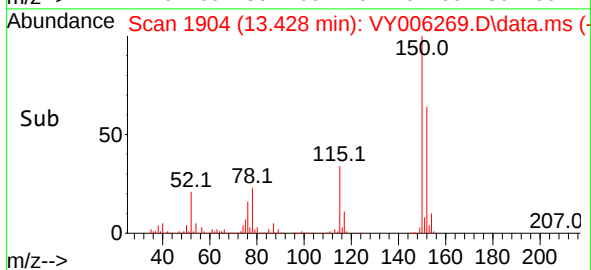
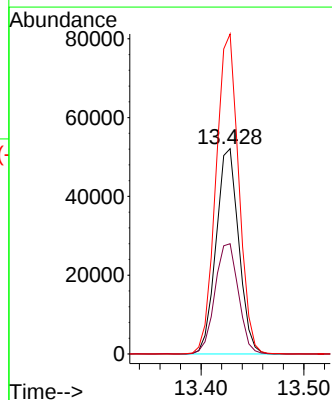
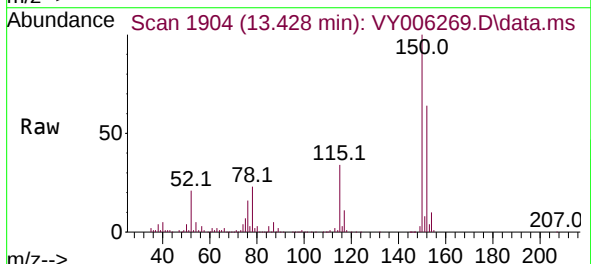
Instrument :
MSVOA_Y
ClientSampleId :

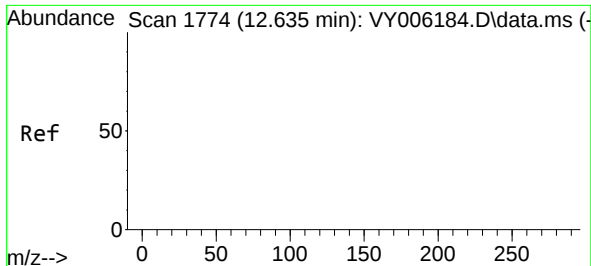
Tgt Ion:117 Resp: 172033
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Tgt Ion:152 Resp: 79679
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 156.5 0.0 347.6

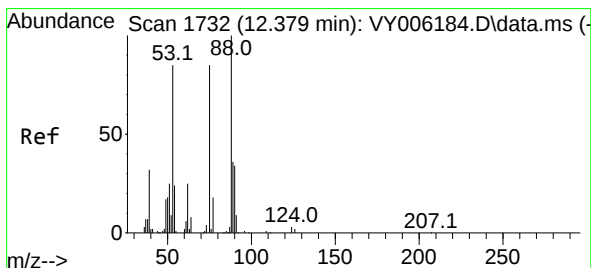
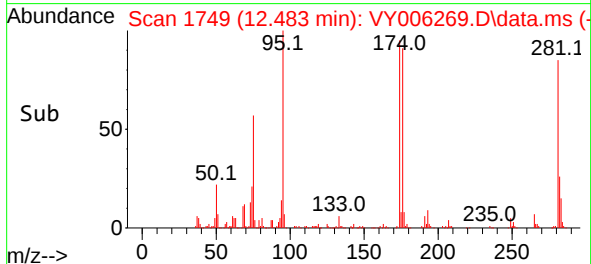
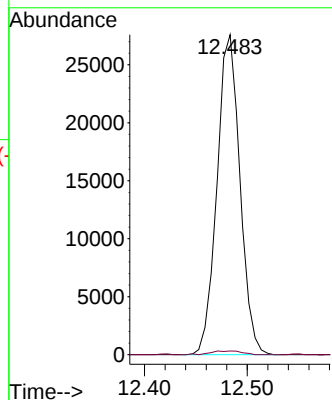
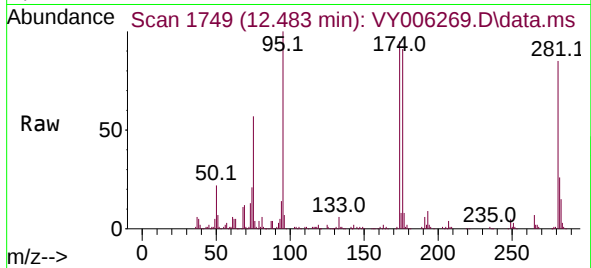




#76
1,2,3-Trichloropropane
Concen: 55.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 42770
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.529 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006269.D
Acq: 01 Oct 2021 18:26

Tgt Ion: 75 Resp: 42770
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.8 37.0 55.4#

