

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004069.D
 Acq On : 11 Mar 2021 11:43
 Operator : SY/MD
 Sample : VY0311SBL03
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 12 01:16:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

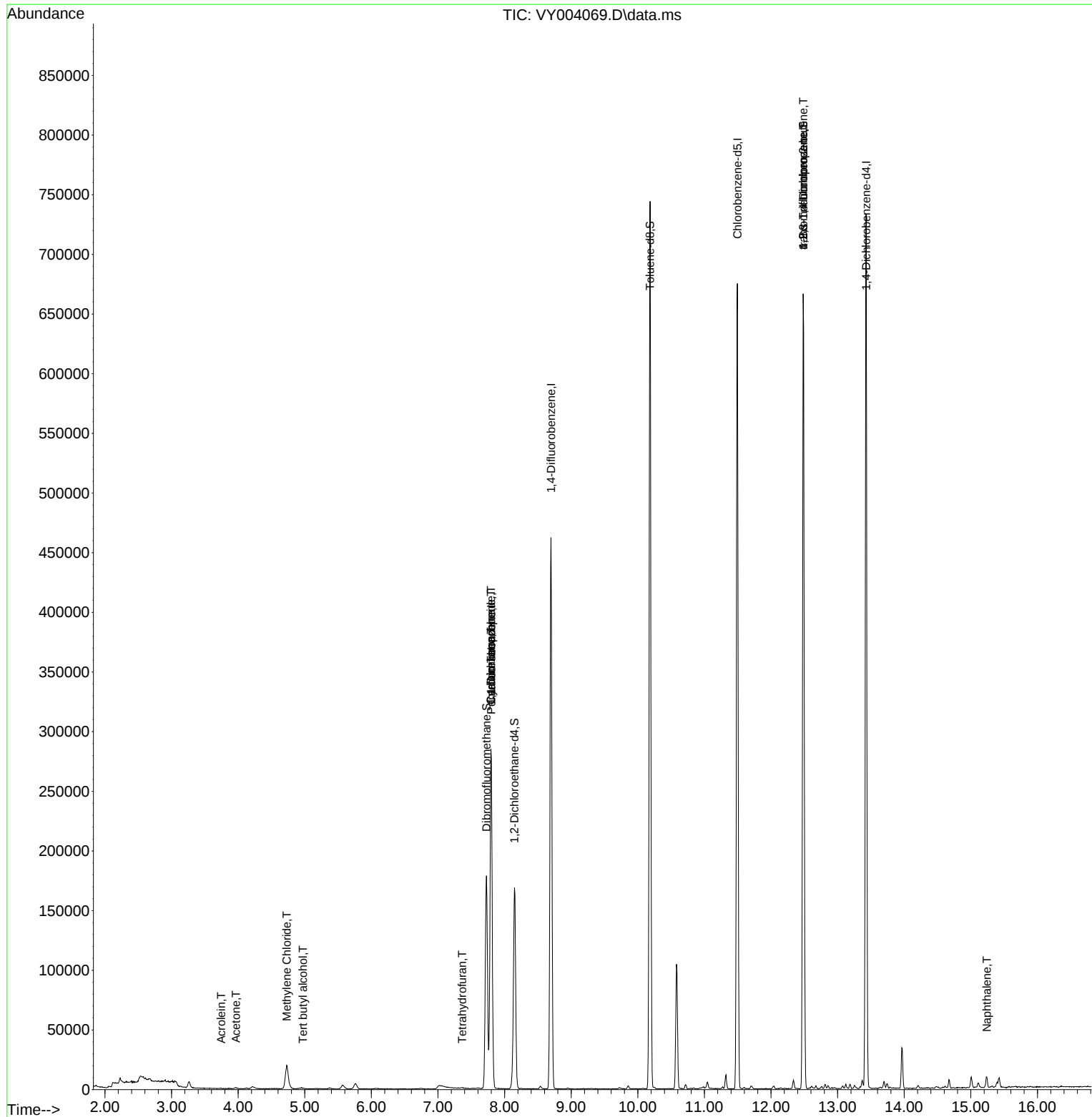
Internal Standards						
1) Pentafluorobenzene	7.801	168	229307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	399667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	372803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	131122	57.94	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.88%			
35) Dibromofluoromethane	7.728	113	123854	54.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.90%			
50) Toluene-d8	10.185	98	476788	53.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.92%			
62) 4-Bromofluorobenzene	12.483	95	176463	54.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.16%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	162	Below Cal	#	41
3) Chloromethane	2.119	50	1302	Below Cal		97
11) Tert butyl alcohol	4.972	59	409	2.00 ug/l	#	76
13) Acrolein	3.747	56	237	1.17 ug/l	#	42
16) Acetone	3.966	43	1494	2.74 ug/l		90
20) Methylene Chloride	4.728	84	14474	1.74 ug/l		95
29) Tetrahydrofuran	7.362	42	522	1.02 ug/l	#	47
31) Cyclohexane	7.795	56	4763	1.20 ug/l	#	1
36) 1,1-Dichloropropene	7.795	75	16355	4.66 ug/l	#	49
38) Carbon Tetrachloride	7.795	117	21816	5.86 ug/l	#	16
58) 2-Chloroethyl Vinyl ether	9.795	63	50	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.483	75	91786	51.80 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91786	102.24 ug/l	#	13
95) Naphthalene	15.239	128	8038	1.18 ug/l		97

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

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_Y
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Quant Time: Mar 12 01:16:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

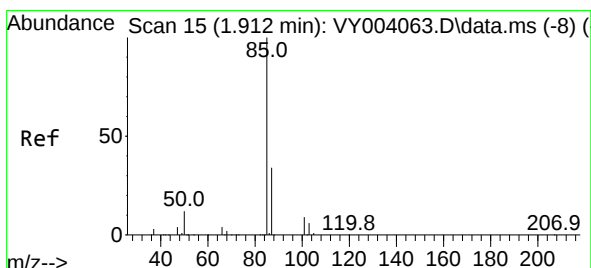
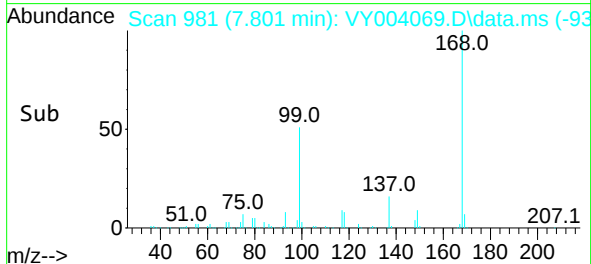
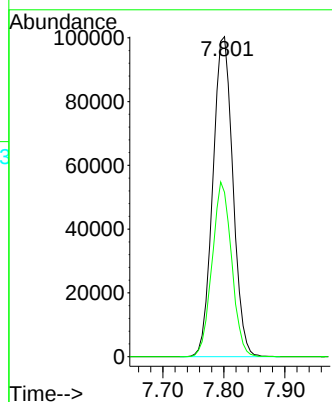
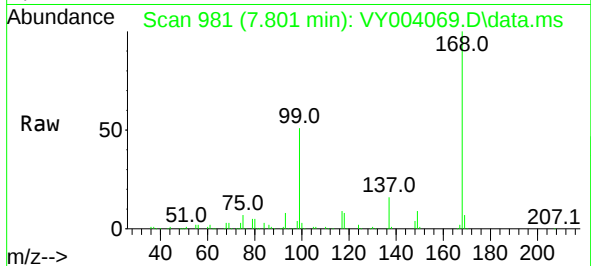




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

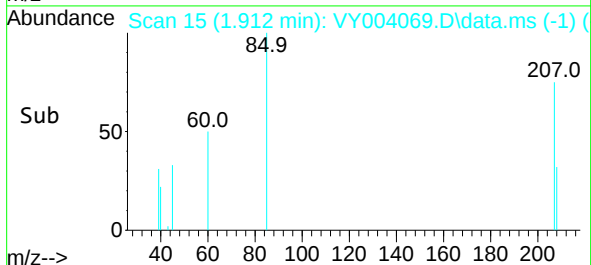
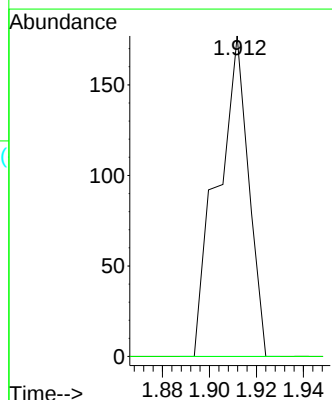
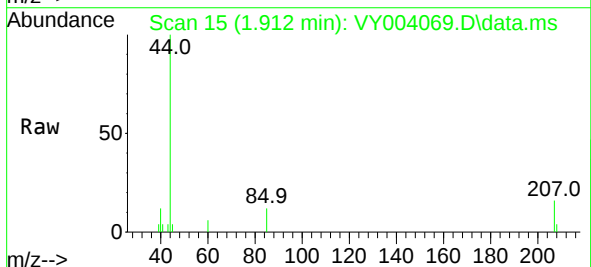
Instrument :
MSVOA_Y
ClientSampled :

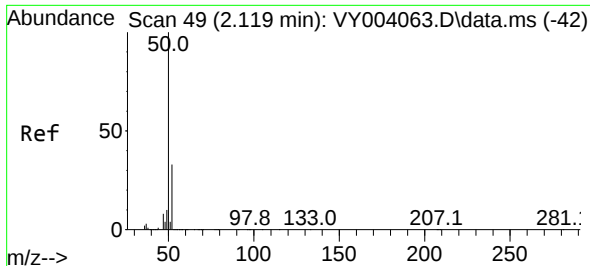
Tgt Ion:168 Resp: 229307
Ion Ratio Lower Upper
168 100
99 51.4 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

Tgt Ion: 85 Resp: 162
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

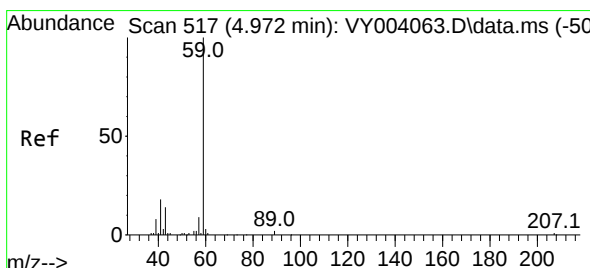
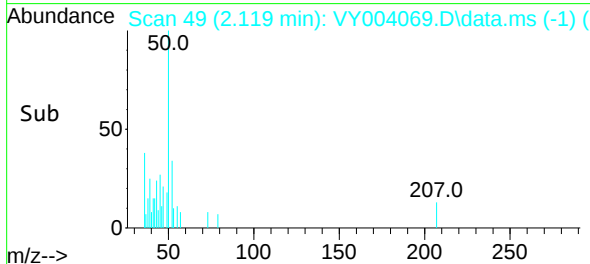
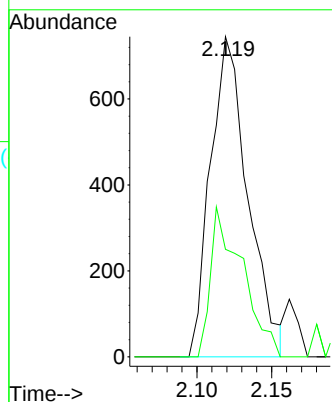
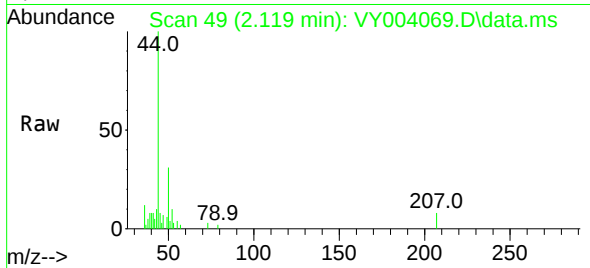




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

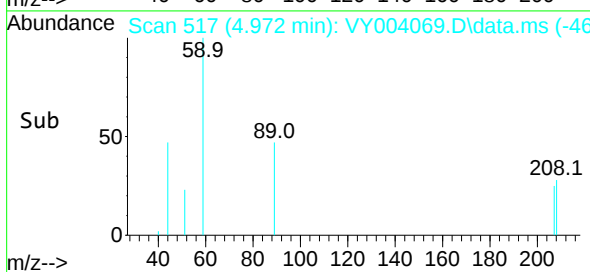
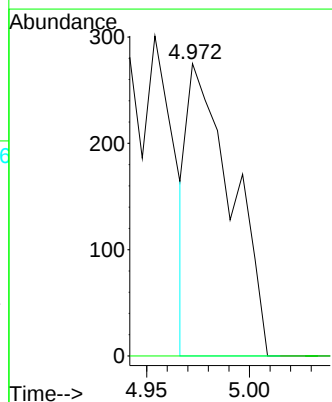
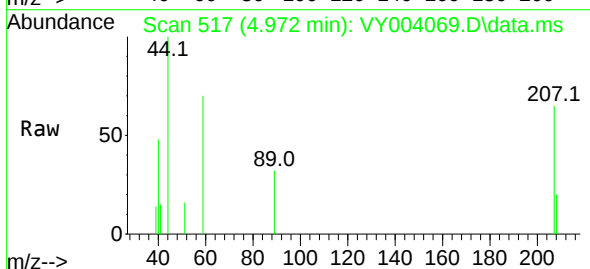
Instrument :
MSVOA_Y
ClientSampled :

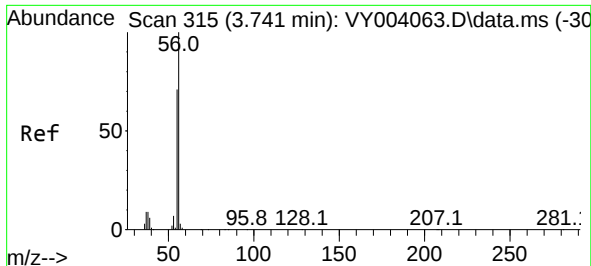
Tgt Ion: 50 Resp: 1302
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#11
Tert butyl alcohol
Concen: 2.00 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

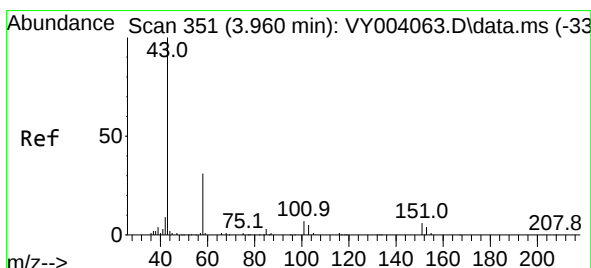
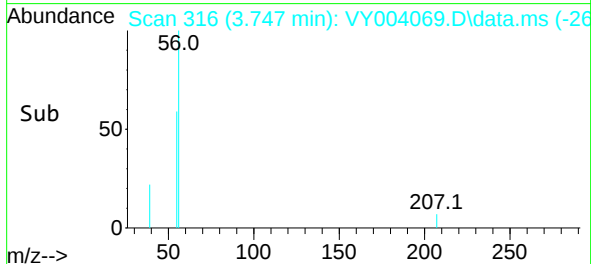
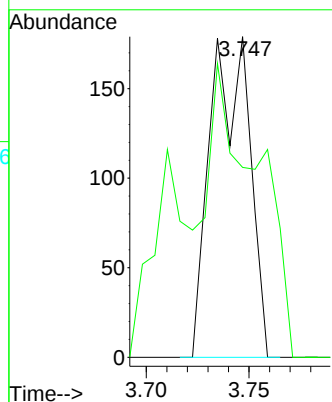
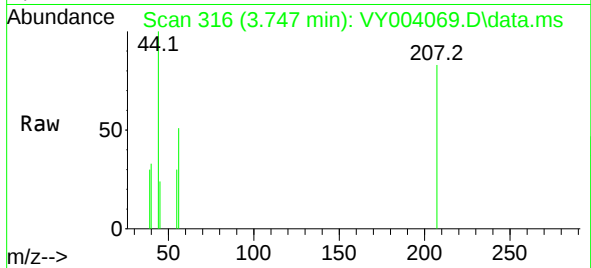




#13
Acrolein
Concen: 1.17 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

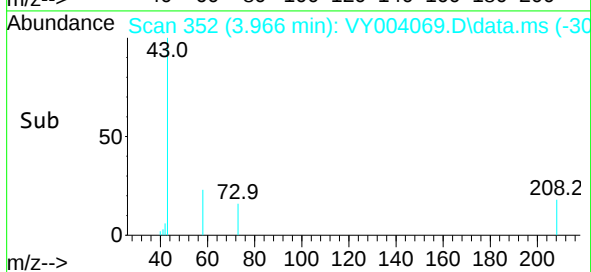
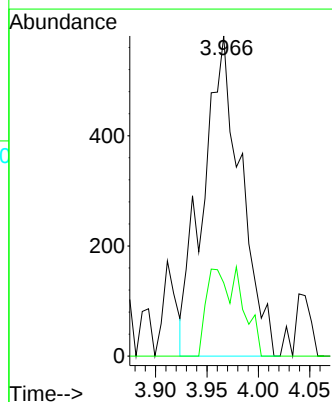
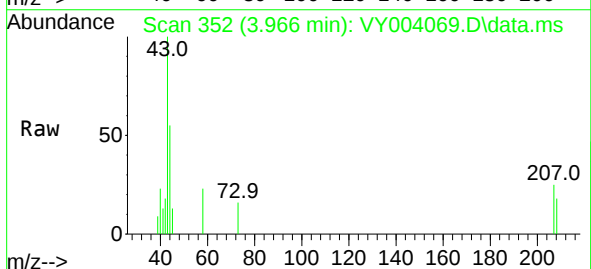
Instrument :
MSVOA_Y
ClientSampled :

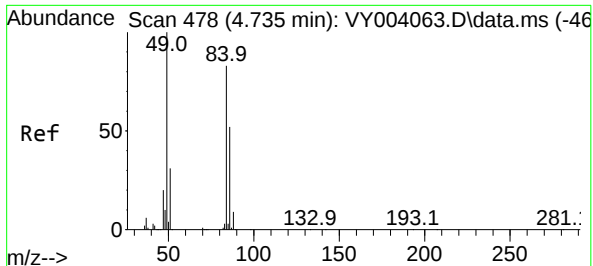
Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
55 116.5 55.4 83.0#



#16
Acetone
Concen: 2.74 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

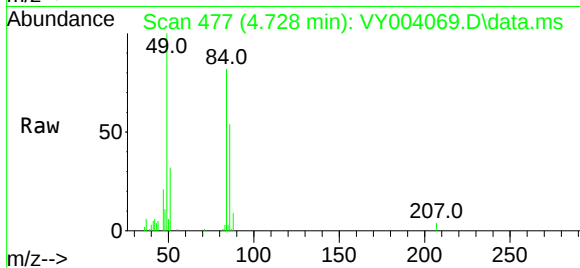
Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
58 22.9 22.6 34.0



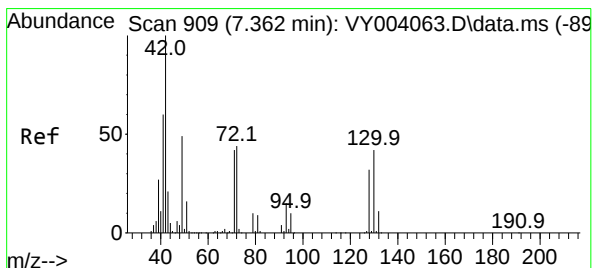
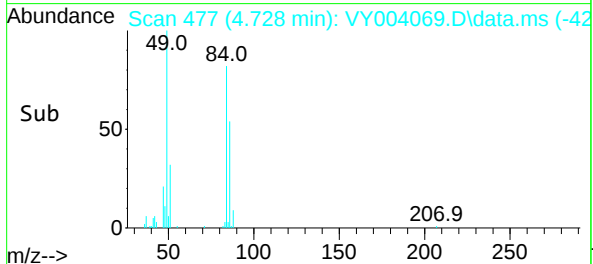
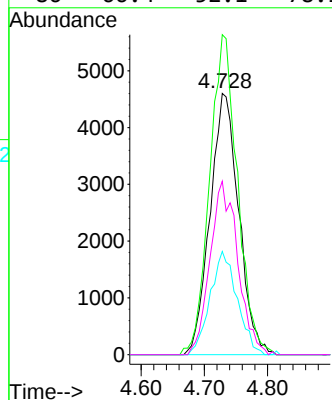


#20
Methylene Chloride
Concen: 1.74 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

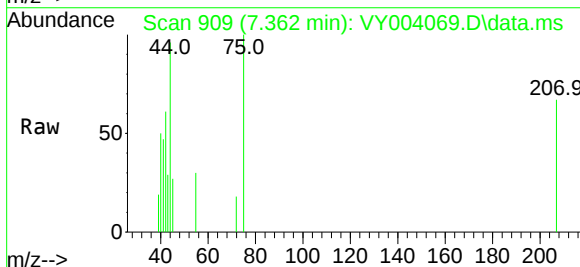
Instrument :
MSVOA_Y
ClientSampleId :



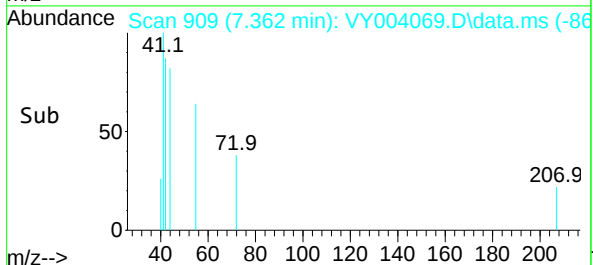
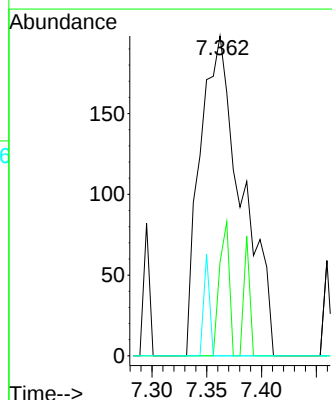
Tgt Ion:	84	Resp:	14474
Ion	Ratio	Lower	Upper
84	100		
49	122.5	105.8	158.6
51	39.5	32.6	48.8
86	66.4	52.1	78.1

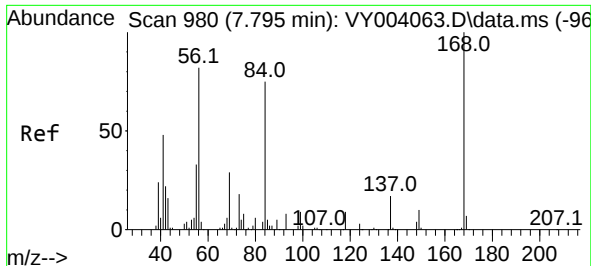


#29
Tetrahydrofuran
Concen: 1.02 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43



Tgt Ion:	42	Resp:	522
Ion	Ratio	Lower	Upper
42	100		
72	10.0	32.6	48.8#
71	4.4	31.0	46.6#

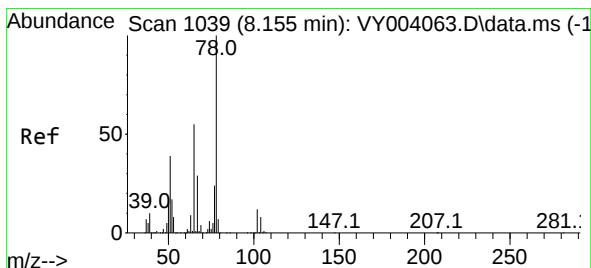
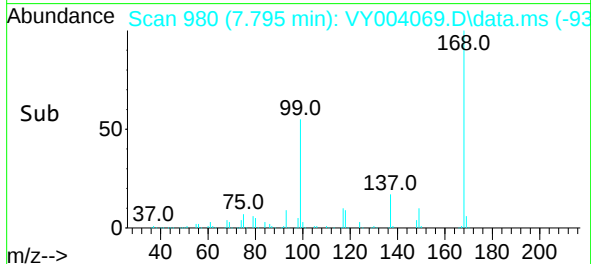
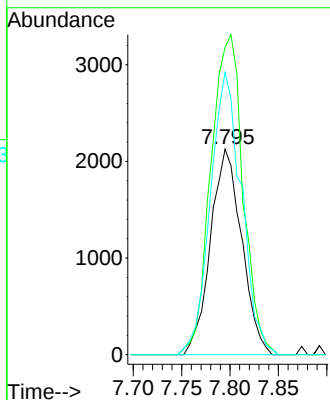
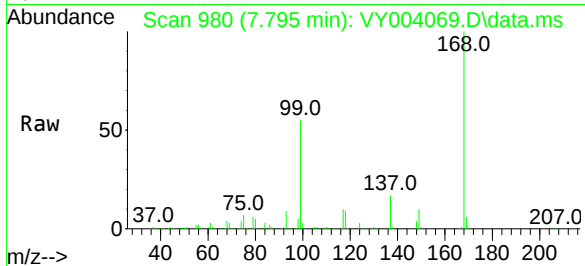




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

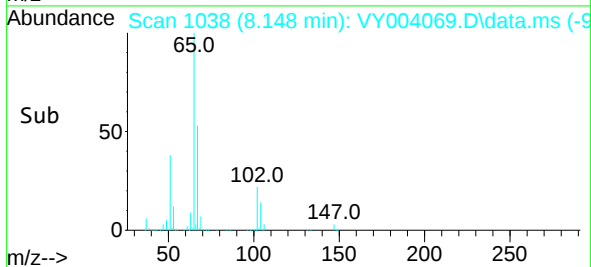
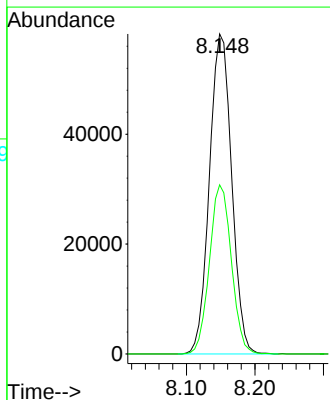
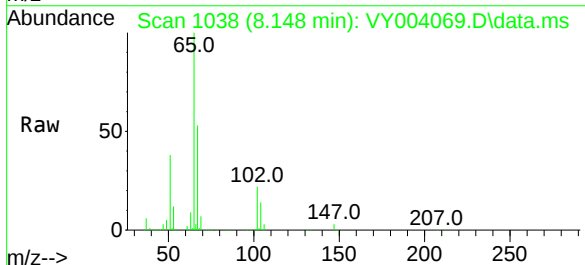
Instrument :
MSVOA_Y
ClientSampleId :

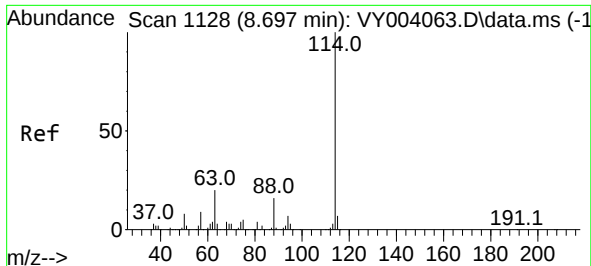
Tgt Ion: 56 Resp: 4763
Ion Ratio Lower Upper
56 100
69 149.4 25.3 37.9#
84 137.3 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 57.94 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

Tgt Ion: 65 Resp: 131122
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004069.D

Acq: 11 Mar 2021 11:43

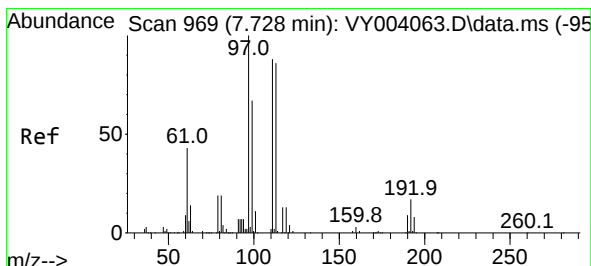
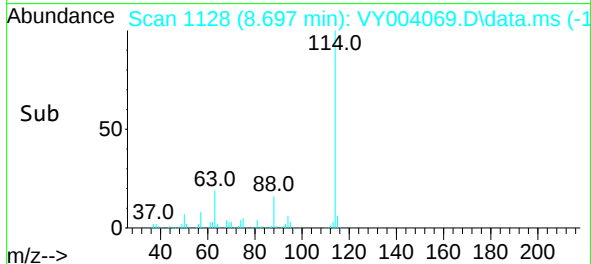
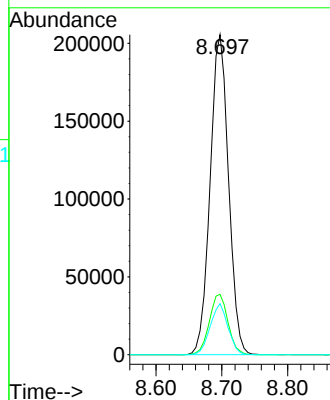
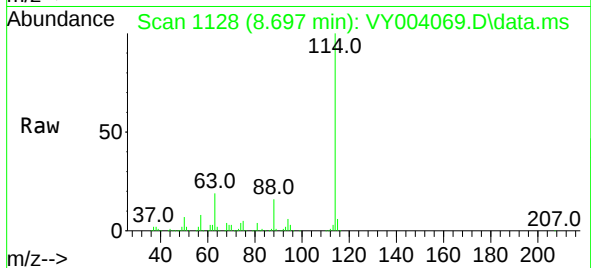
Tgt Ion:114 Resp: 399667

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.95 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004069.D

Acq: 11 Mar 2021 11:43

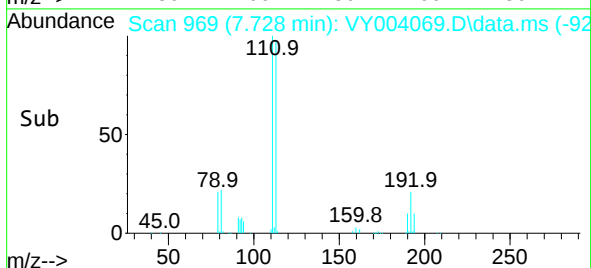
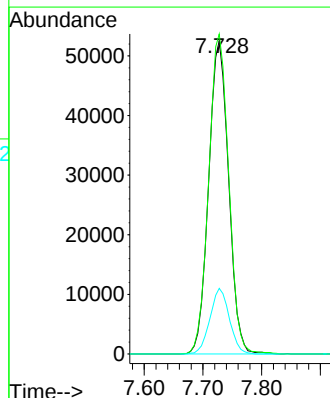
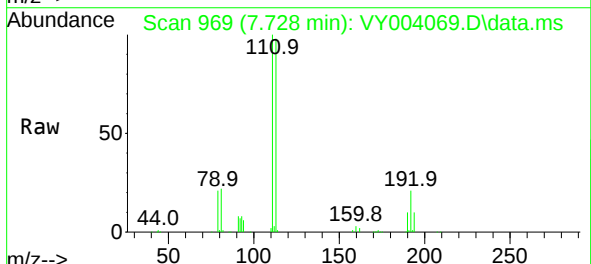
Tgt Ion:113 Resp: 123854

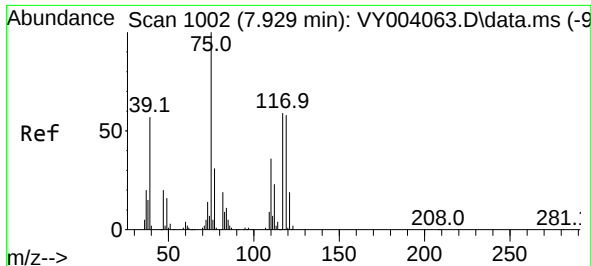
Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 20.4 18.5 27.7

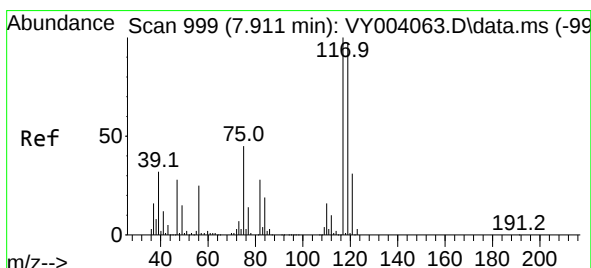
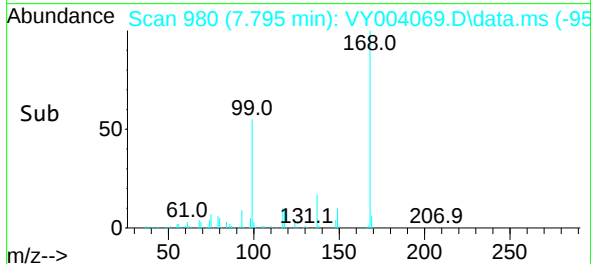
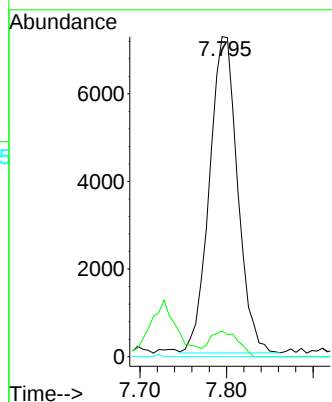
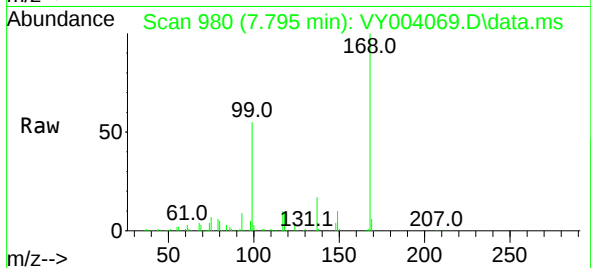




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

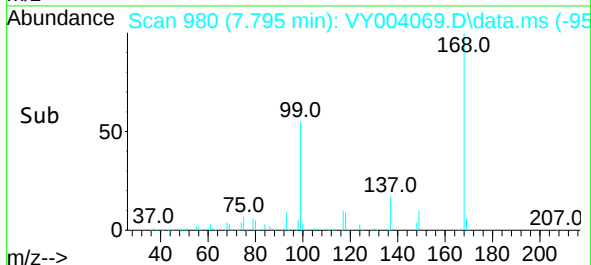
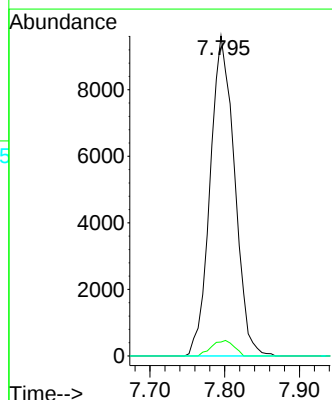
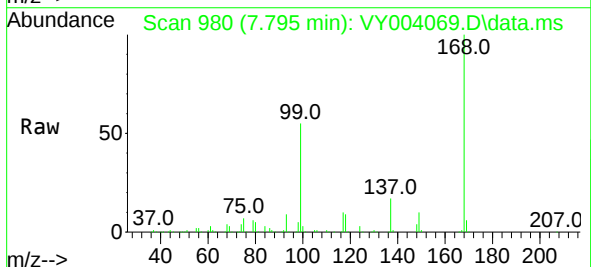
Instrument :
MSVOA_Y
ClientSampleId :

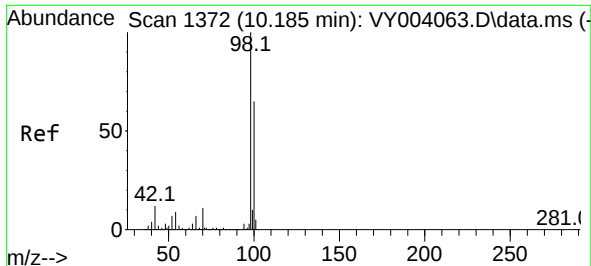
Tgt Ion: 75 Resp: 16355
Ion Ratio Lower Upper
75 100
110 8.1 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

Tgt Ion: 117 Resp: 21816
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.2 36.2#

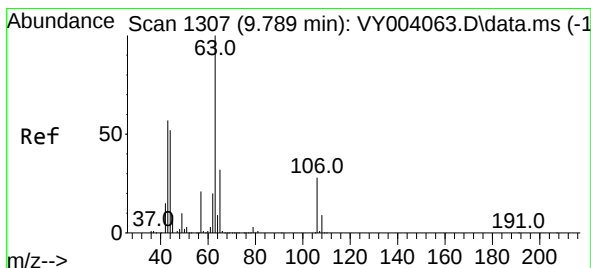
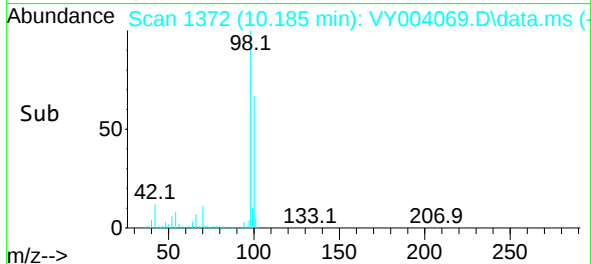
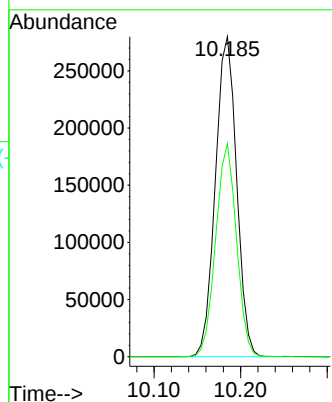
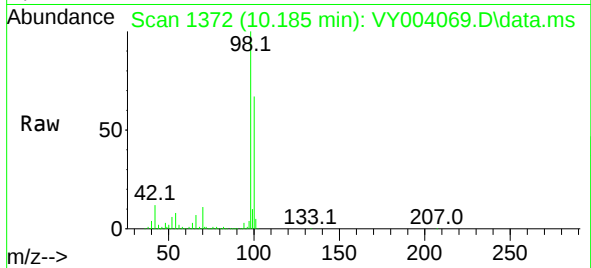




#50
Toluene-d8
Concen: 53.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

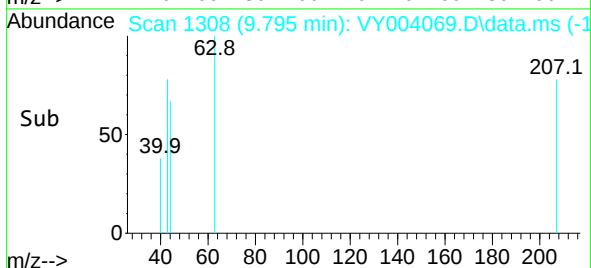
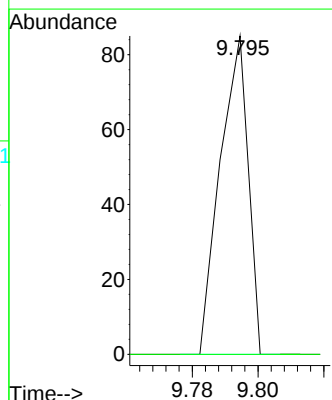
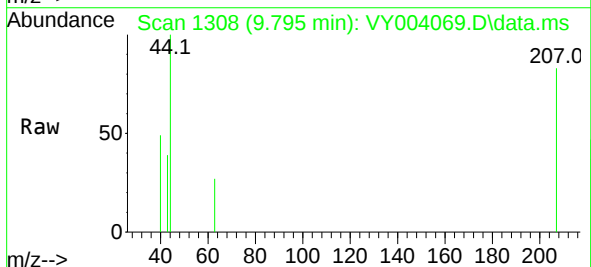
Instrument :
MSVOA_Y
ClientSampled :

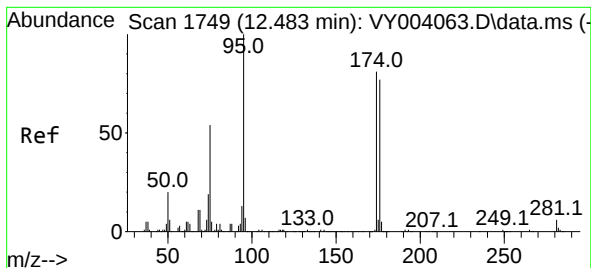
Tgt Ion: 98 Resp: 476788
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

Tgt Ion: 63 Resp: 50
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#

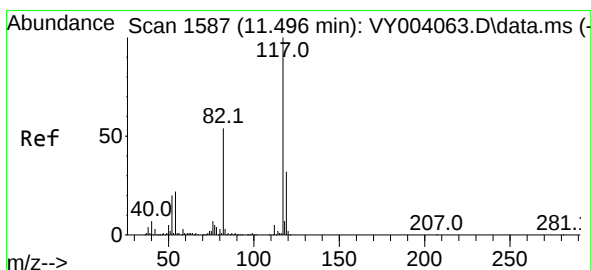
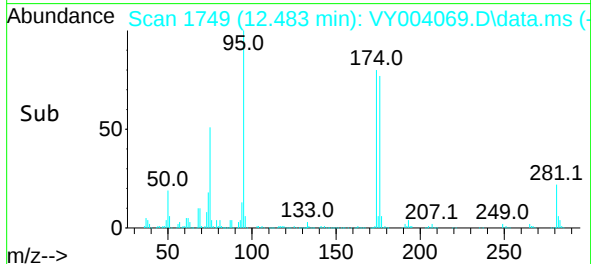
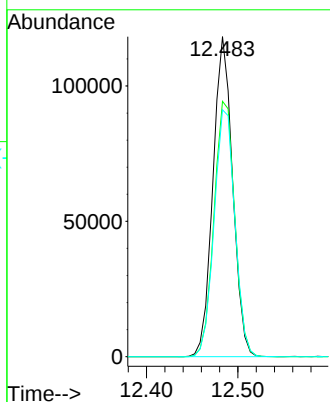
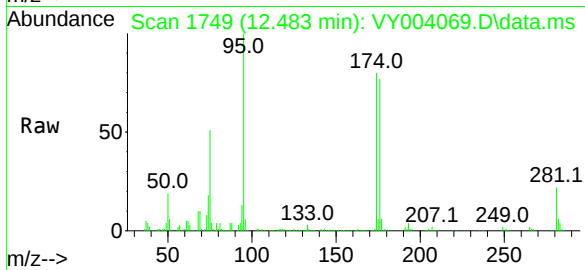




#62
4-Bromofluorobenzene
Concen: 54.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

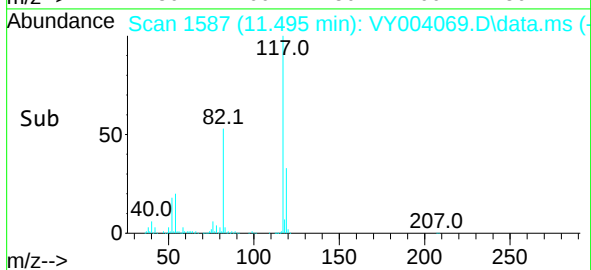
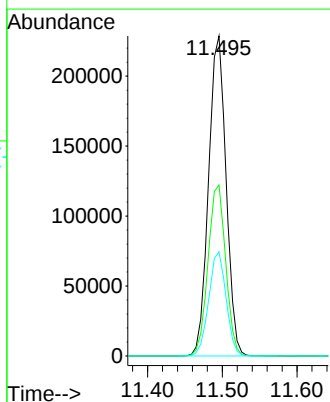
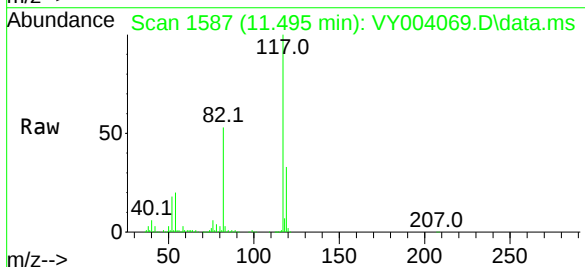
Instrument :
MSVOA_Y
ClientSampleId :

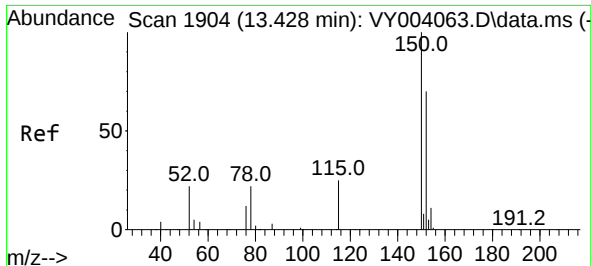
Tgt Ion: 95 Resp: 176463
Ion Ratio Lower Upper
95 100
174 84.3 0.0 179.0
176 81.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

Tgt Ion: 117 Resp: 372803
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.6
119 32.6 26.2 39.2

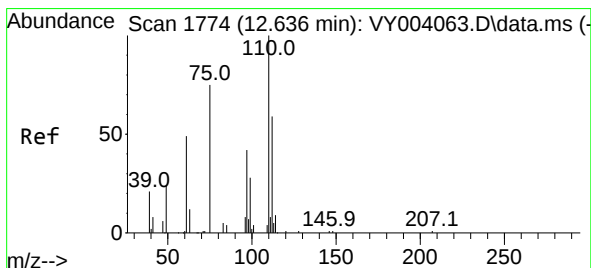
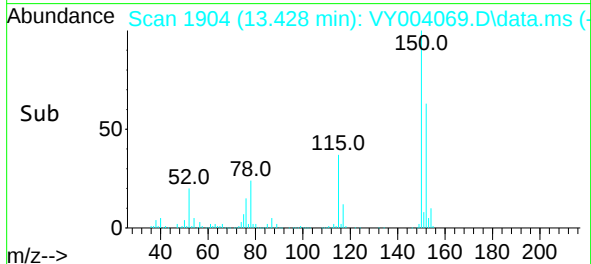
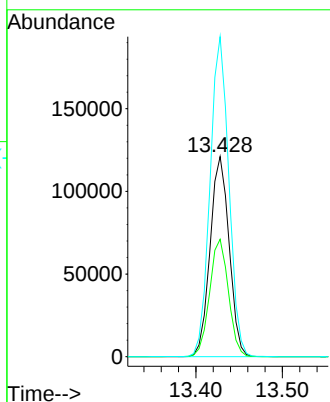
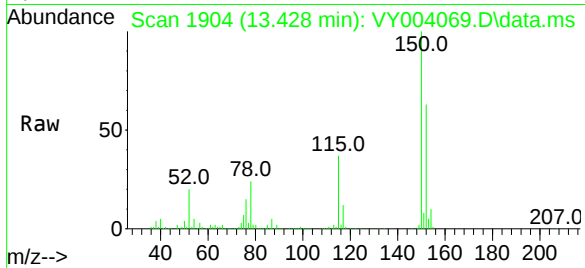




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

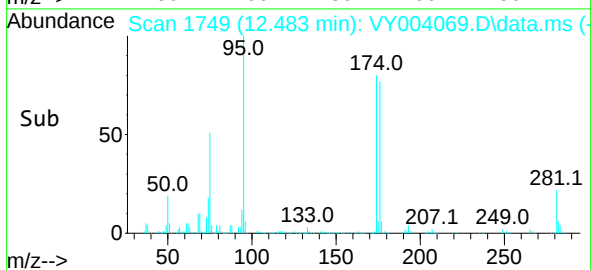
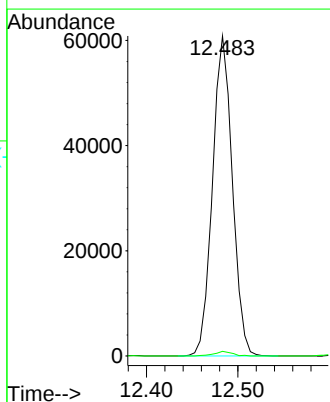
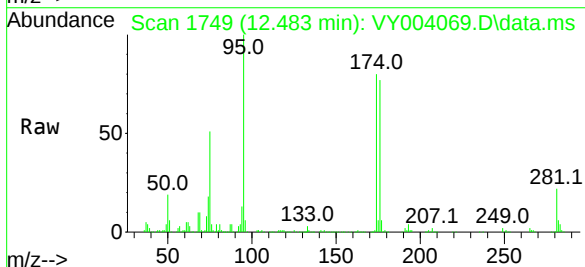
Instrument :
MSVOA_Y
ClientSampleId :

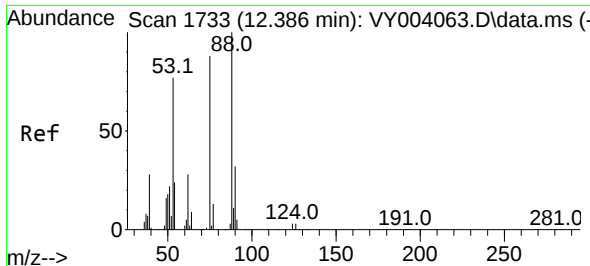
Tgt Ion:152 Resp: 184789
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 157.6 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 51.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

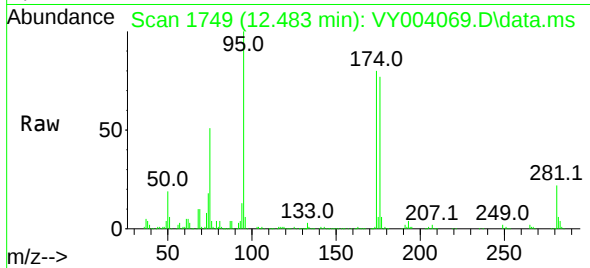
Tgt Ion: 75 Resp: 91786
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



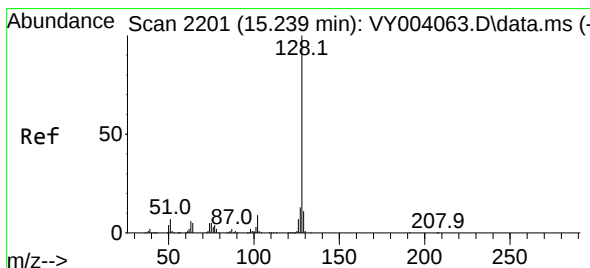
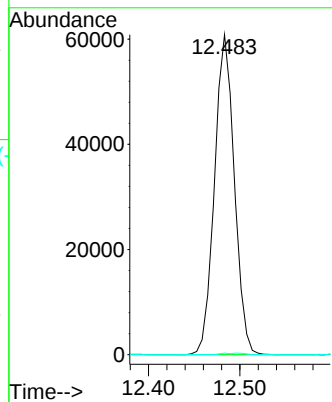
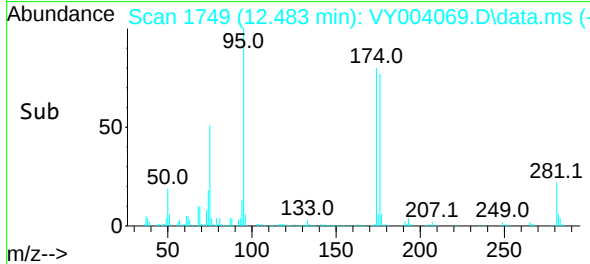


#81
trans-1,4-Dichloro-2-butene
Concen: 102.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43

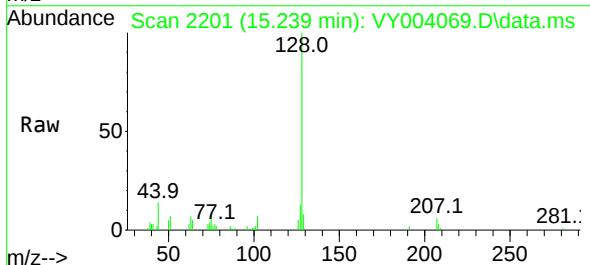
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 91786
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.6 35.7 53.5#



#95
Naphthalene
Concen: 1.18 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004069.D
Acq: 11 Mar 2021 11:43



Tgt Ion: 128 Resp: 8038
Ion Ratio Lower Upper
128 100
127 11.5 10.6 16.0
129 11.5 8.7 13.1

