

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003929.D
 Acq On : 14 Jan 2021 19:10
 Operator : SY/MD
 Sample : M1139-01
 Misc : 6.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 01:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

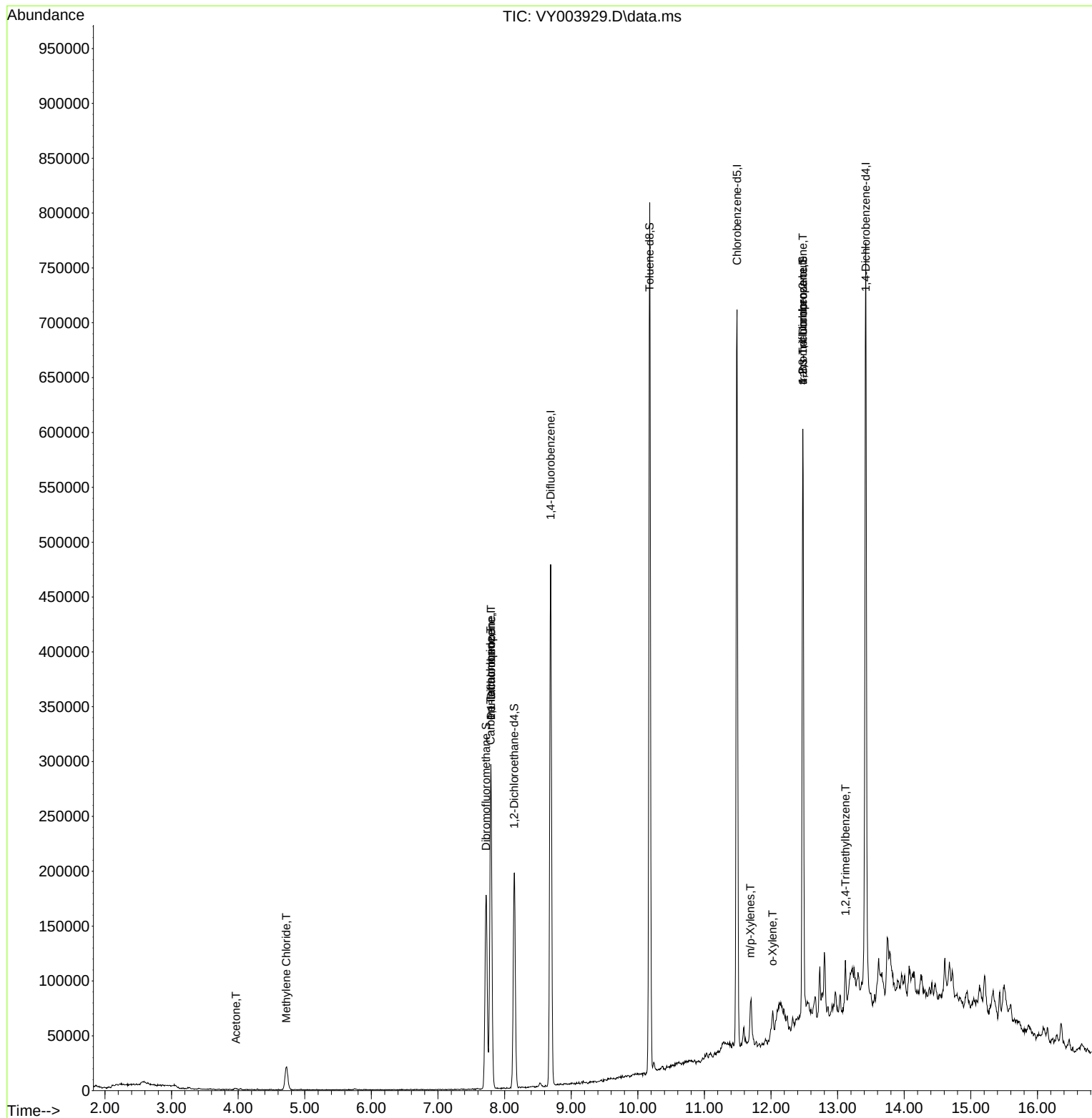
Internal Standards						
1) Pentafluorobenzene	7.795	168	224250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151438	43.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.94%		
35) Dibromofluoromethane	7.722	113	120500	39.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.66%		
50) Toluene-d8	10.179	98	479155	38.59	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.18%		
62) 4-Bromofluorobenzene	12.477	95	161331	35.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	71.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	93	Below Cal	#	43
3) Chloromethane	2.119	50	720	Below Cal	#	85
16) Acetone	3.966	43	1954	2.27	ug/l	94
20) Methylene Chloride	4.722	84	14426	4.47	ug/l	94
36) 1,1-Dichloropropene	7.795	75	17257	3.36	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21824	4.02	ug/l #	15
68) m/p-Xylenes	11.691	106	12484	1.96	ug/l	100
69) o-Xylene	12.026	106	5995	1.00	ug/l	95
76) 1,2,3-Trichloropropane	12.477	75	87712	42.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	87712	80.59	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.117	105	18772	1.60	ug/l	98

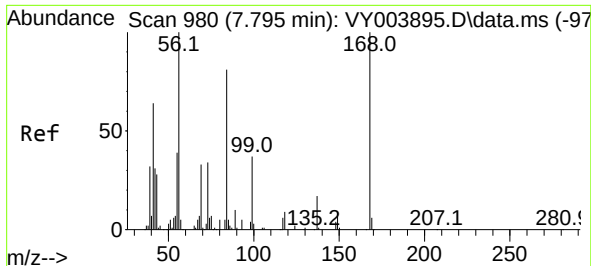
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 01:00:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

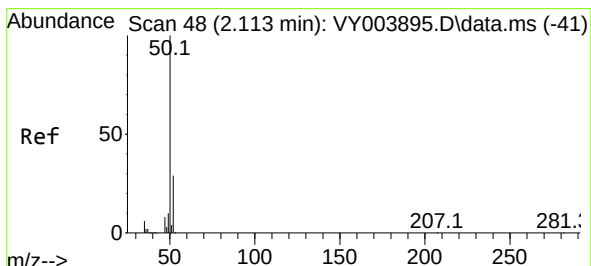
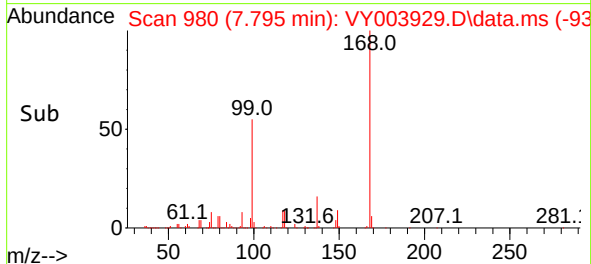
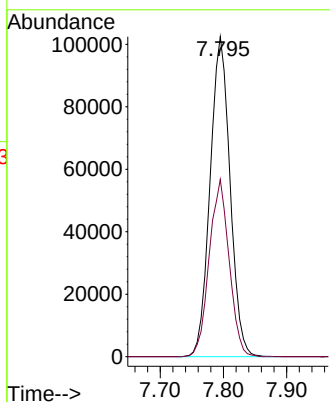
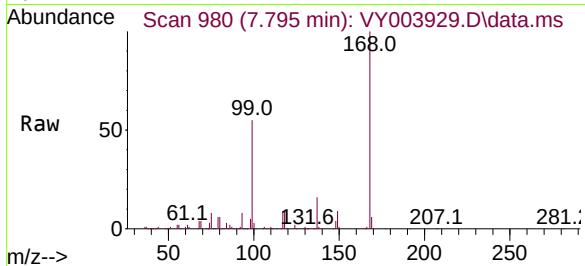




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

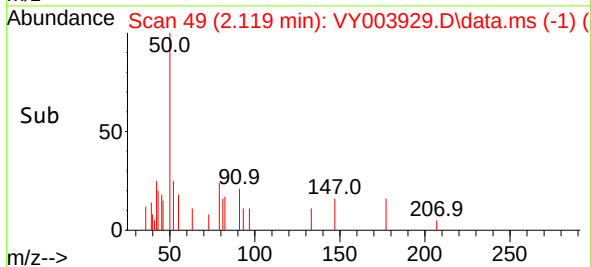
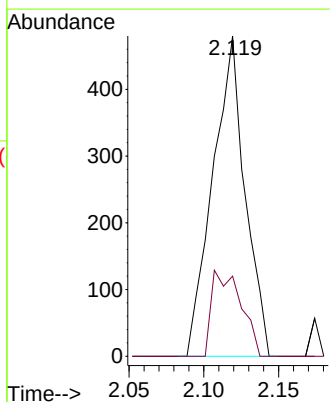
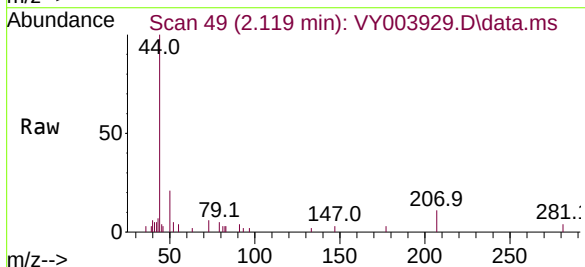
Instrument :
MSVOA_Y
ClientSampleId :

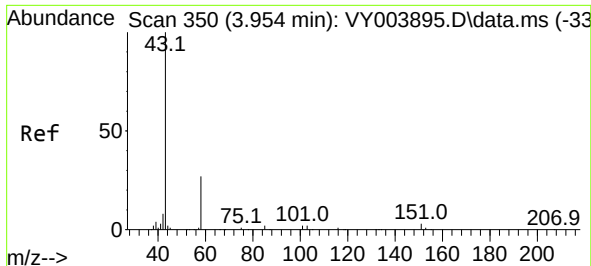
Tgt Ion:168 Resp: 224250
Ion Ratio Lower Upper
168 100
99 55.4 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 50 Resp: 720
Ion Ratio Lower Upper
50 100
52 25.0 26.6 40.0#

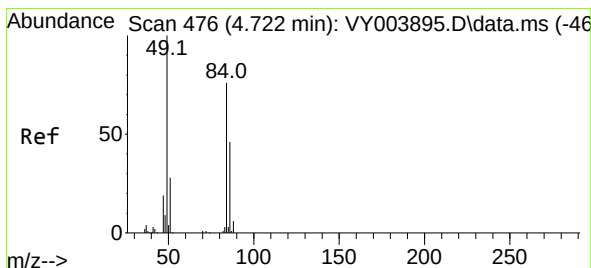
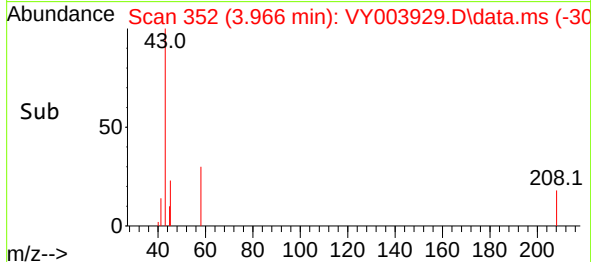
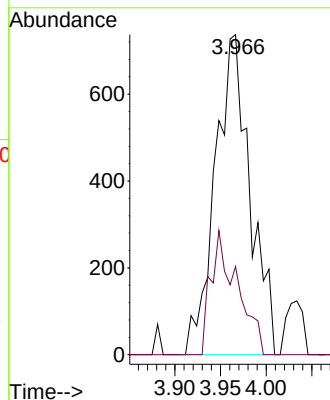
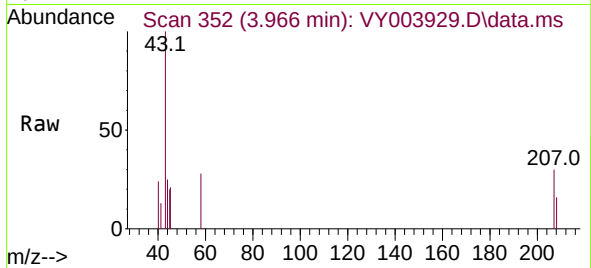




#16
Acetone
Concen: 2.27 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

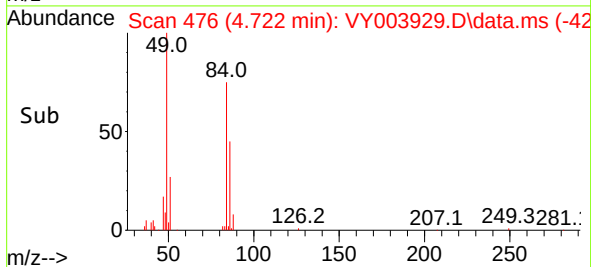
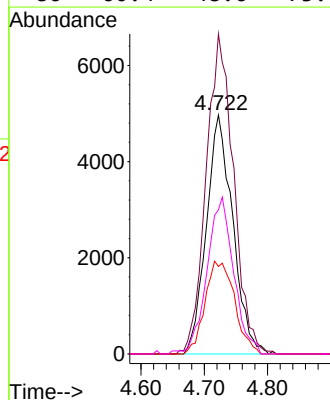
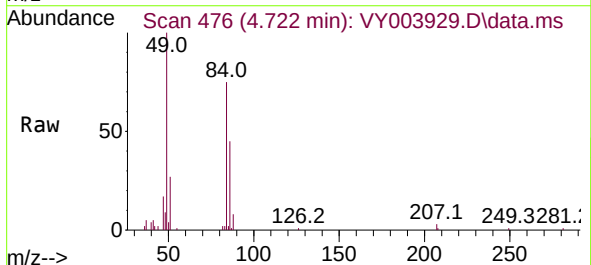
Instrument :
MSVOA_Y
ClientSampleId :

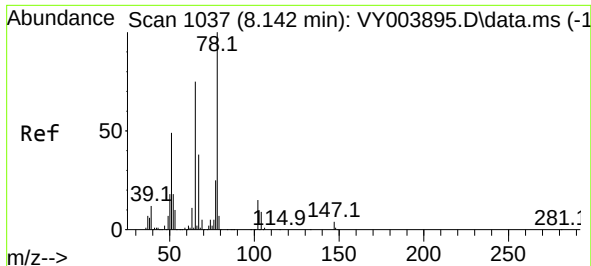
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 27.5 24.5 36.7



#20
Methylene Chloride
Concen: 4.47 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 84 Resp: 14426
Ion Ratio Lower Upper
84 100
49 134.0 98.0 147.0
51 36.6 30.5 45.7
86 60.4 48.6 73.0

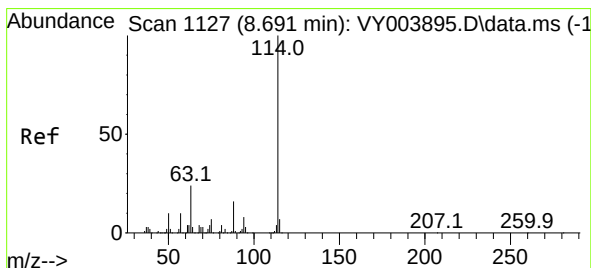
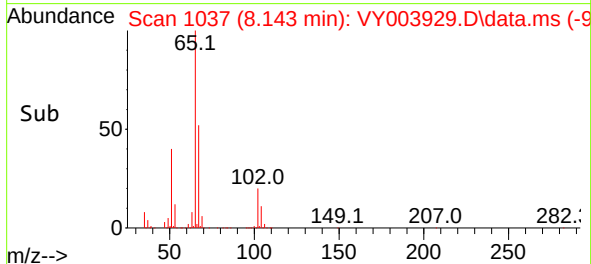
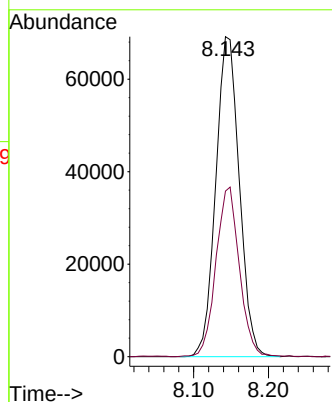
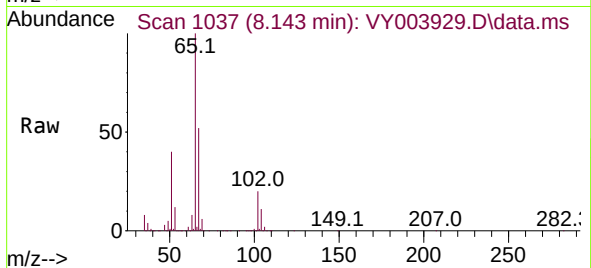




#33
1,2-Dichloroethane-d4
Concen: 43.47 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

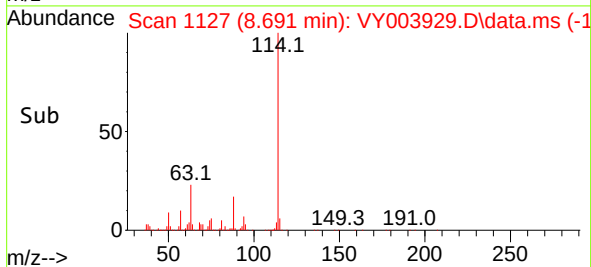
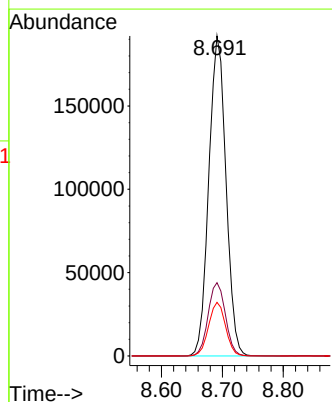
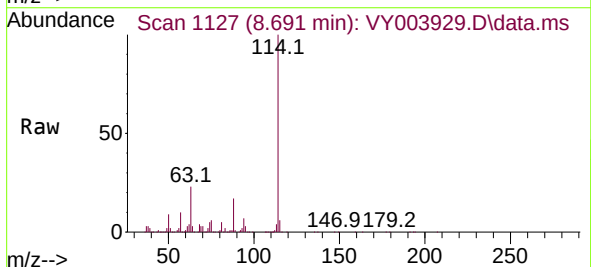
Instrument :
MSVOA_Y
ClientSampled :

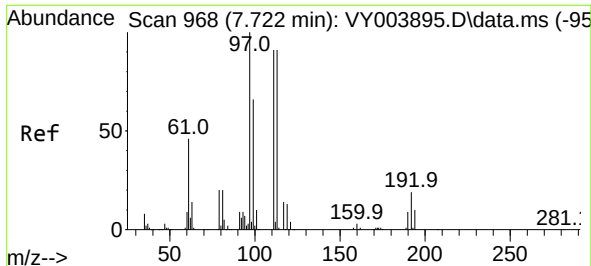
Tgt Ion: 65 Resp: 151438
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion:114 Resp: 374909
Ion Ratio Lower Upper
114 100
63 22.9 0.0 38.8
88 16.8 0.0 31.4

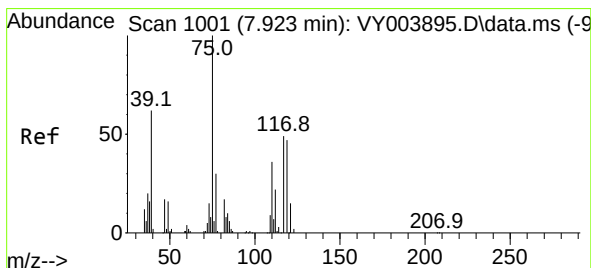
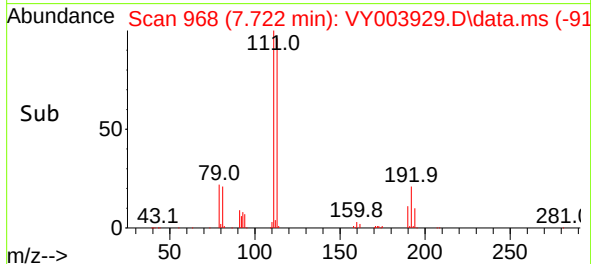
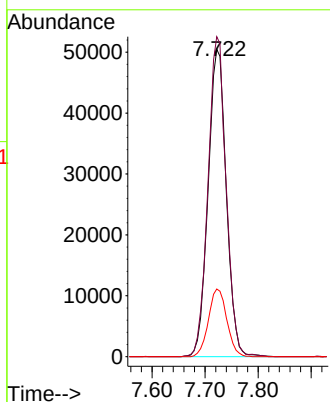
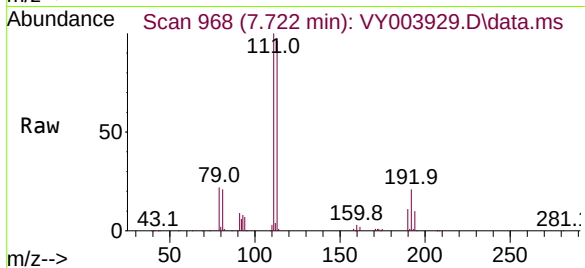




#35
Dibromofluoromethane
Concen: 39.33 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

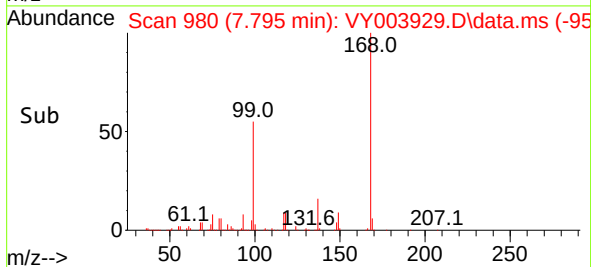
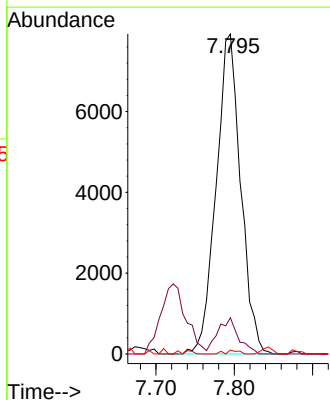
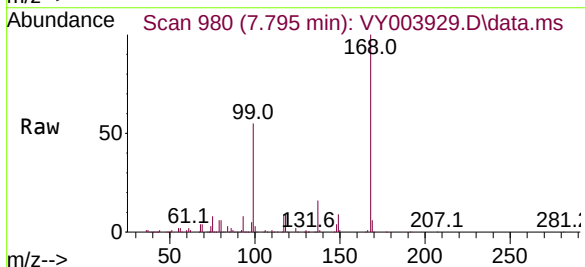
Instrument :
MSVOA_Y
ClientSampleId :

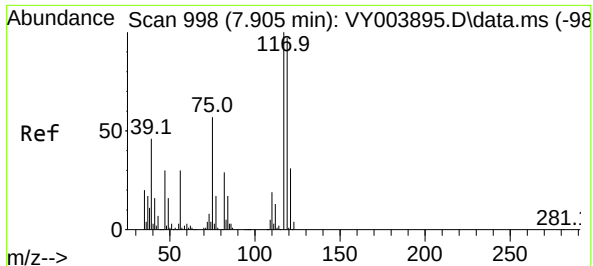
Tgt Ion:113 Resp: 120500
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 22.2 19.8 29.6



#36
1,1-Dichloropropene
Concen: 3.36 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 75 Resp: 17257
Ion Ratio Lower Upper
75 100
110 9.5 17.7 53.1#
77 0.6 24.8 37.2#

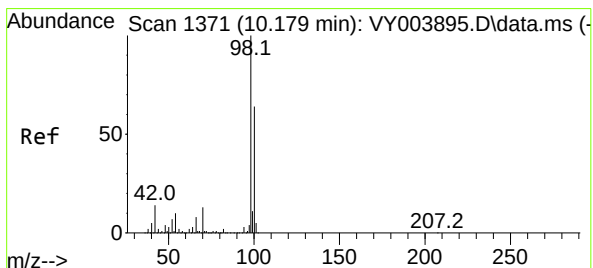
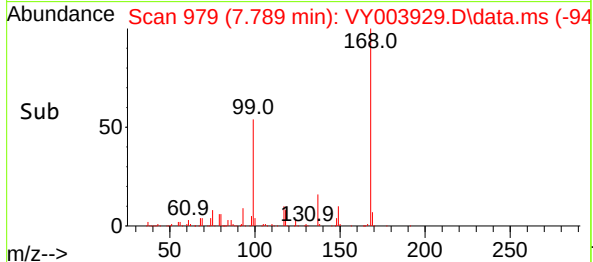
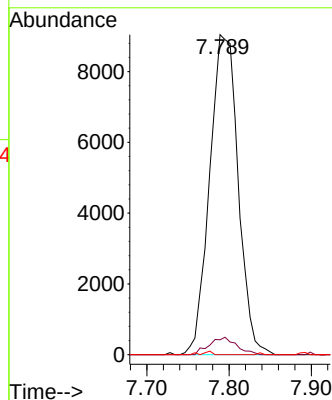
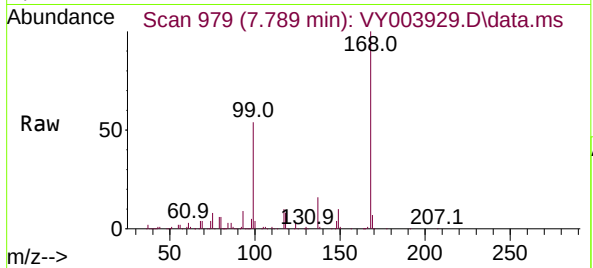




#38
Carbon Tetrachloride
Concen: 4.02 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

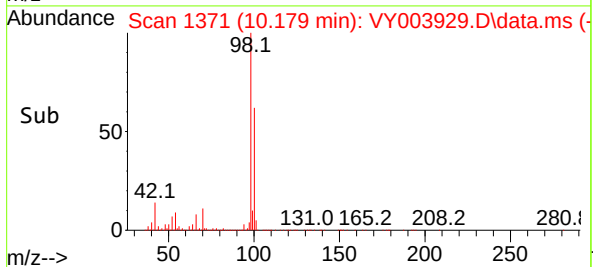
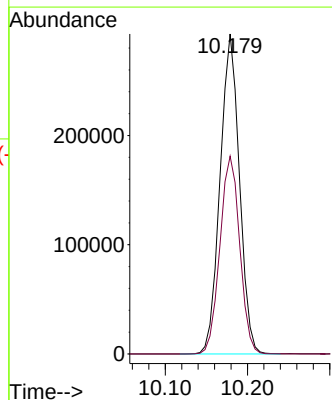
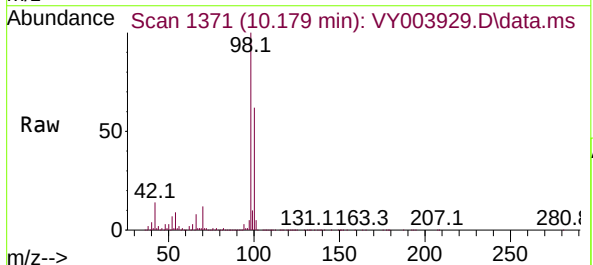
Instrument :
MSVOA_Y
ClientSampleId :

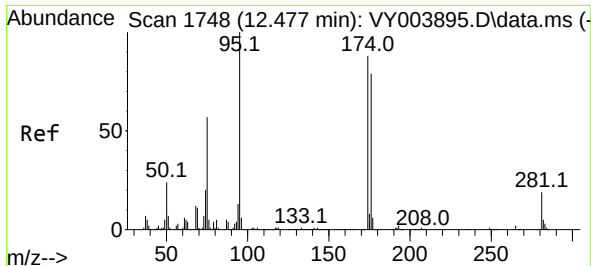
Tgt Ion:117 Resp: 21824
Ion Ratio Lower Upper
117 100
119 4.7 78.6 118.0#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 38.59 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 98 Resp: 479155
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0

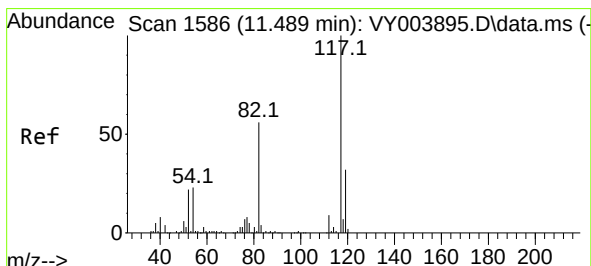
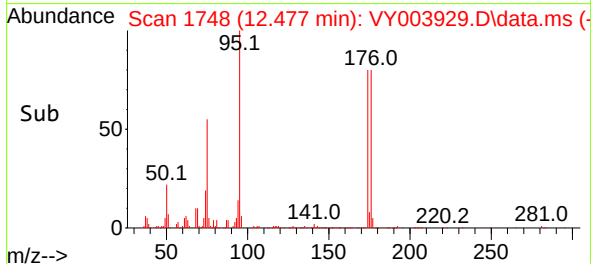
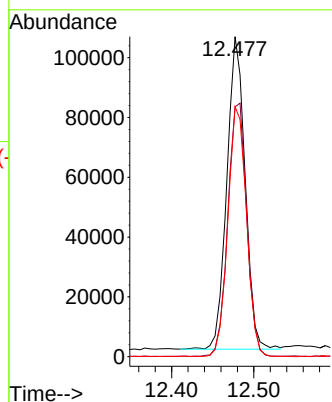
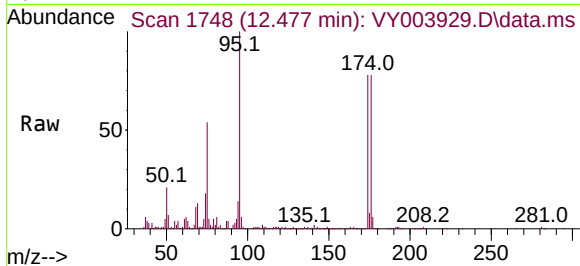




#62
4-Bromofluorobenzene
Concen: 35.58 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

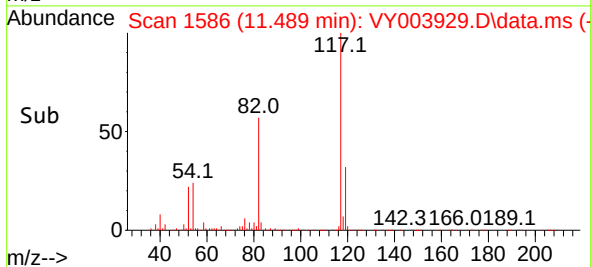
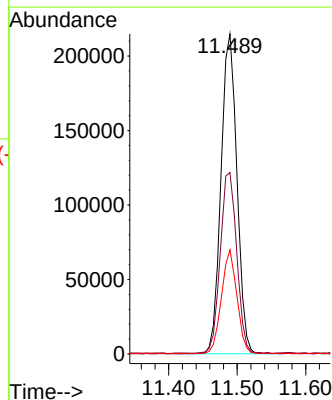
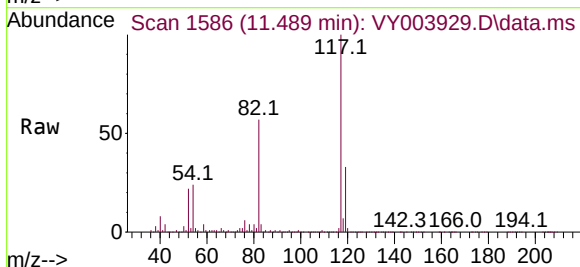
Instrument :
MSVOA_Y
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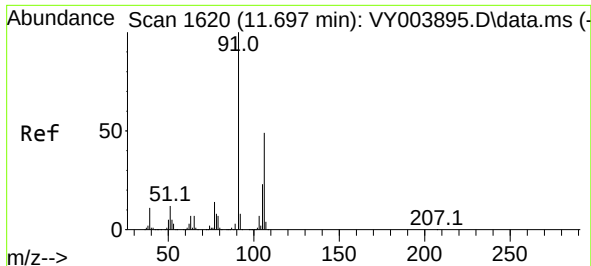
Tgt Ion: 95 Resp: 161331
Ion Ratio Lower Upper
95 100
174 83.6 0.0 193.2
176 81.5 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion:117 Resp: 345513
Ion Ratio Lower Upper
117 100
82 56.4 43.9 65.9
119 32.5 26.2 39.4

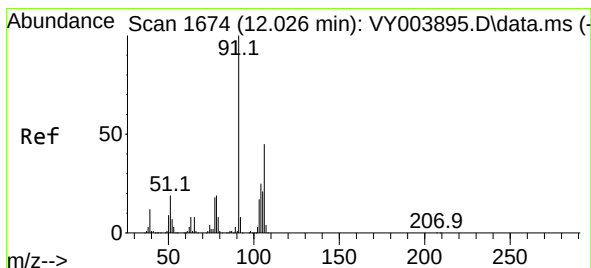
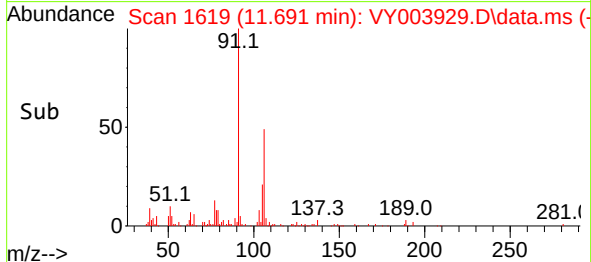
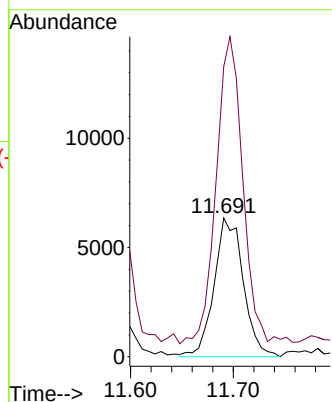
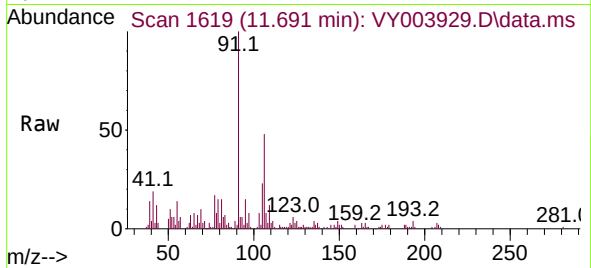




#68
m/p-Xylenes
Concen: 1.96 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

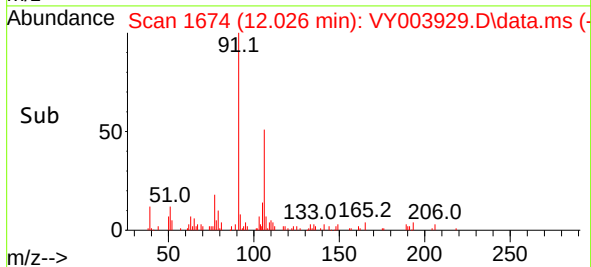
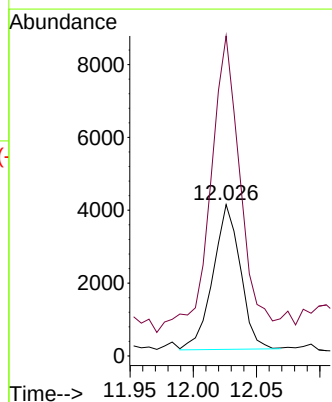
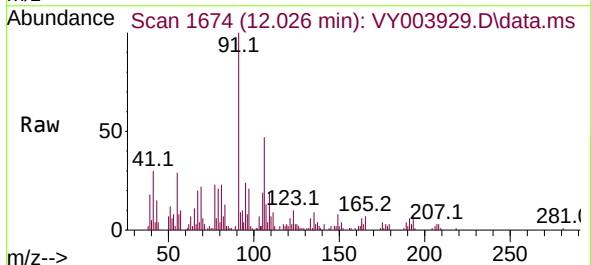
Instrument :
MSVOA_Y
ClientSampleId :

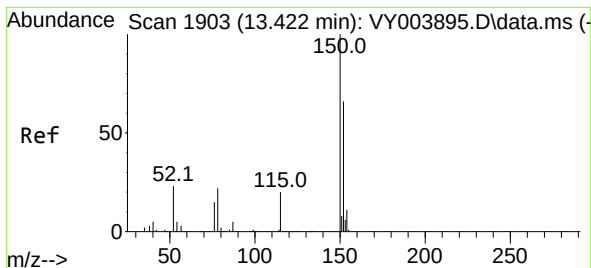
Tgt Ion:106 Resp: 12484
Ion Ratio Lower Upper
106 100
91 202.8 162.2 243.4



#69
o-Xylene
Concen: 1.00 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion:106 Resp: 5995
Ion Ratio Lower Upper
106 100
91 223.6 107.6 322.8

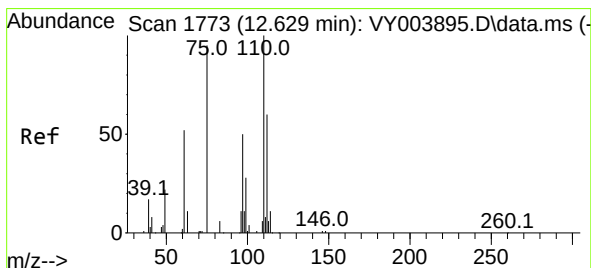
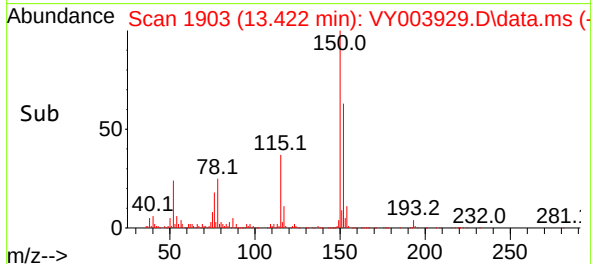
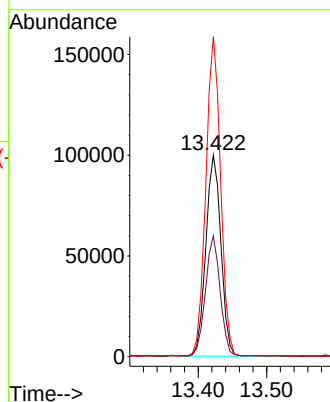
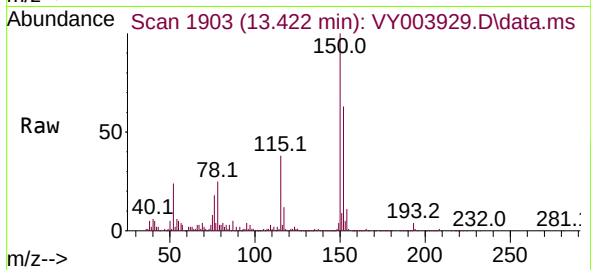




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY003929.D
 Acq: 14 Jan 2021 19:10

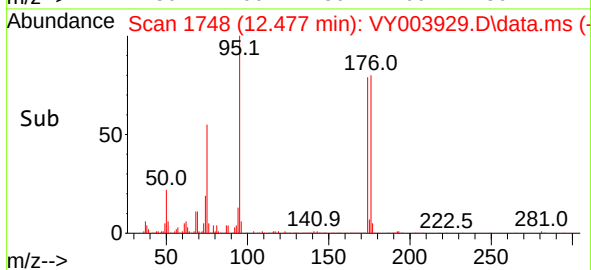
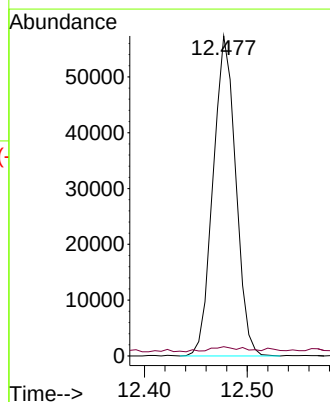
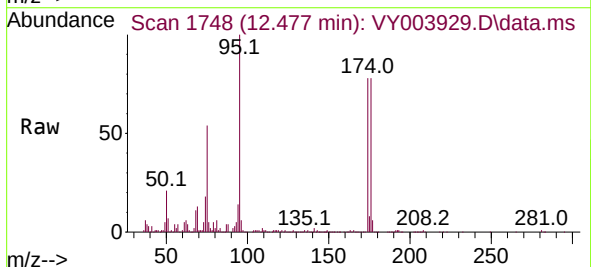
Instrument :
 MSVOA_Y
 ClientSampleId :

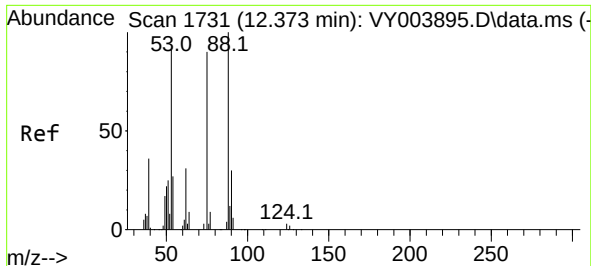
Tgt Ion:152 Resp: 152795
 Ion Ratio Lower Upper
 152 100
 115 57.8 27.9 83.7
 150 155.0 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 42.45 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY003929.D
 Acq: 14 Jan 2021 19:10

Tgt Ion: 75 Resp: 87712
 Ion Ratio Lower Upper
 75 100
 77 2.4 0.0 0.0#

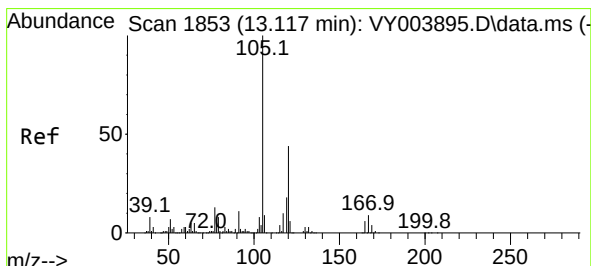
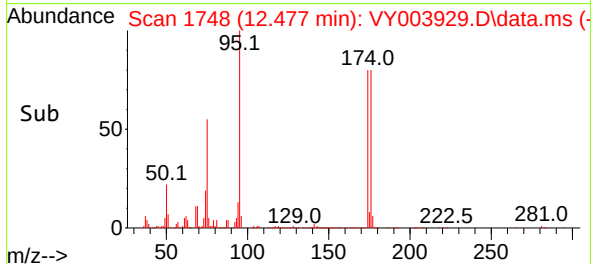
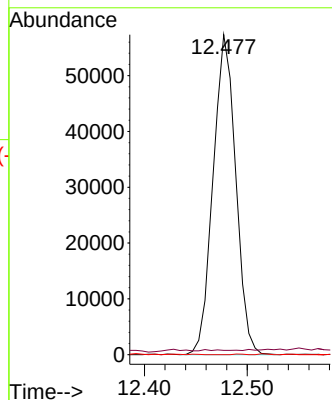
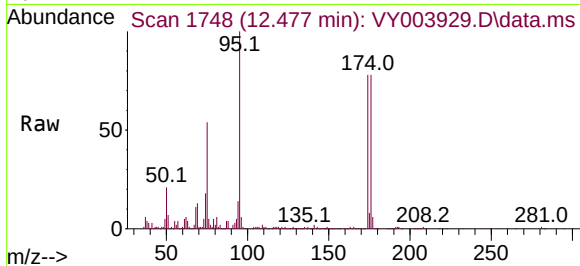




#81
trans-1,4-Dichloro-2-butene
Concen: 80.59 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 87712
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 0.0 0.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.60 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 105 Resp: 18772
Ion Ratio Lower Upper
105 100
120 46.8 22.9 68.5

