

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003921.D
 Acq On : 14 Jan 2021 15:59
 Operator : SY/MD
 Sample : M1124-05
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:58:27 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	77966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43276	35.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.46%
35) Dibromofluoromethane	7.722	113	37759	39.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.00%
50) Toluene-d8	10.178	98	140551	36.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.56%
62) 4-Bromofluorobenzene	12.477	95	38719	27.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.74%

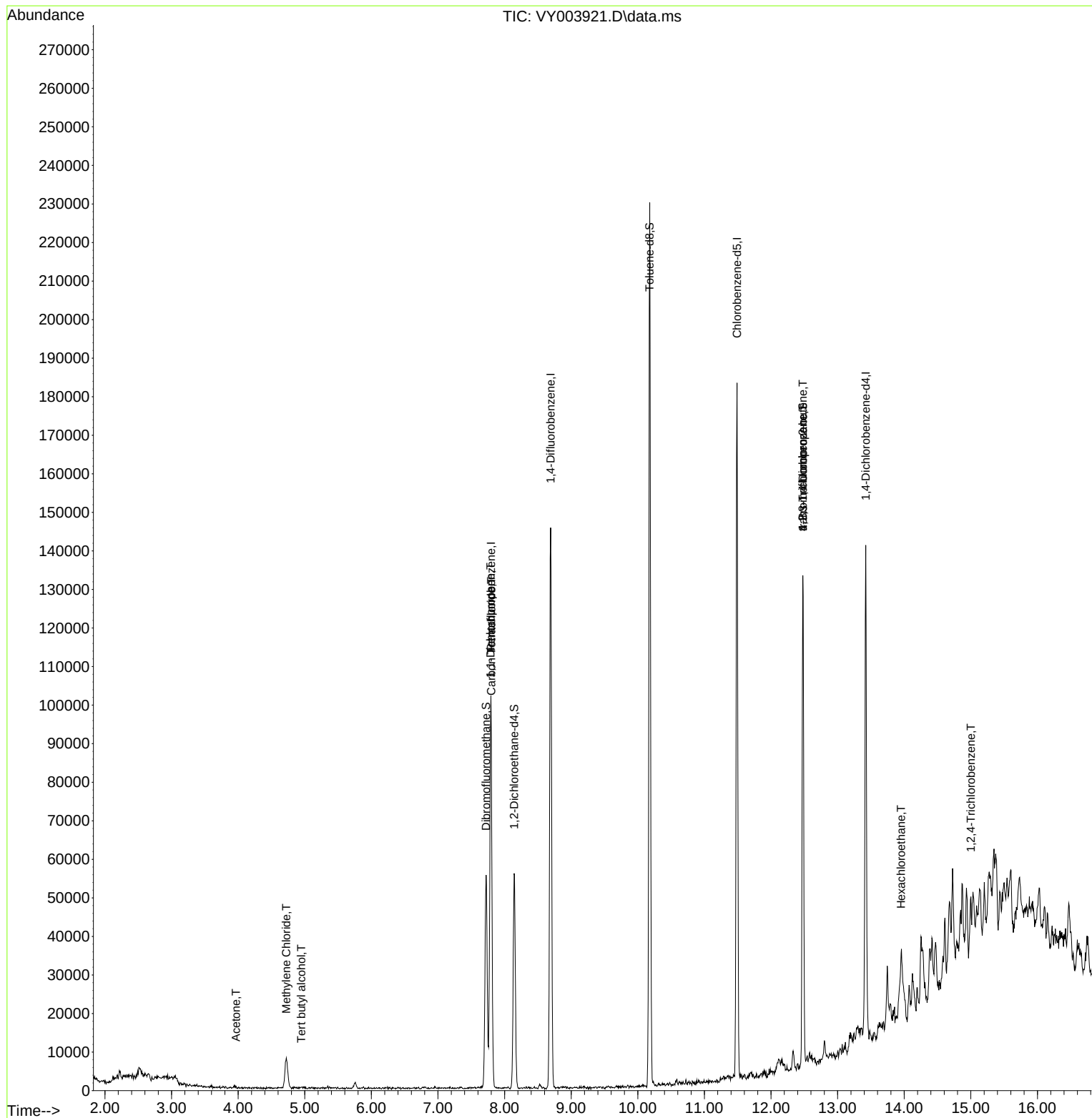
Target Compounds					Qvalue
3) Chloromethane	2.119	50	408	Below Cal	# 84
11) Tert butyl alcohol	4.948	59	163	1.29 ug/l	# 73
16) Acetone	3.966	43	630	2.10 ug/l	# 44
20) Methylene Chloride	4.722	84	5660	5.04 ug/l	# 94
36) 1,1-Dichloropropene	7.789	75	6359	3.97 ug/l	# 49
38) Carbon Tetrachloride	7.801	117	7365	4.35 ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	21134	52.76 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	21134	100.16 ug/l	# 4
90) Hexachloroethane	13.952	117	615	1.35 ug/l	# 3
93) 1,2,4-Trichlorobenzene	15.001	180	902	1.12 ug/l	# 18

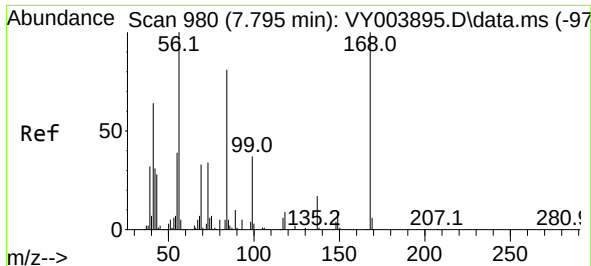
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
Data File : VY003921.D
Acq On : 14 Jan 2021 15:59
Operator : SY/MD
Sample : M1124-05
Misc : 5.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 15 00:58:27 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

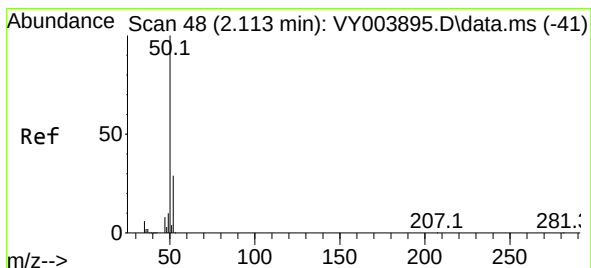
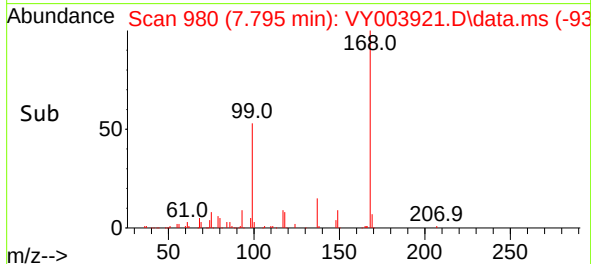
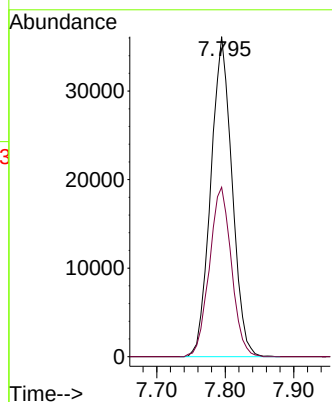
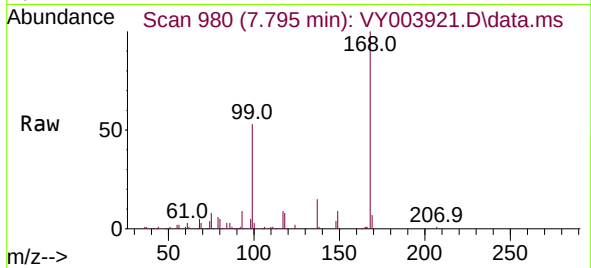




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

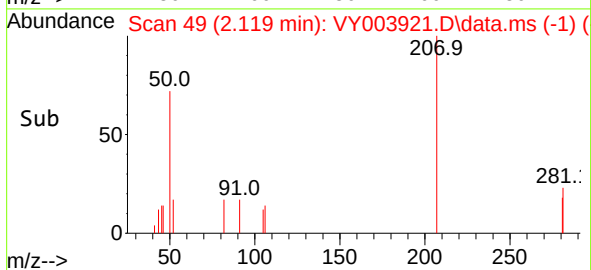
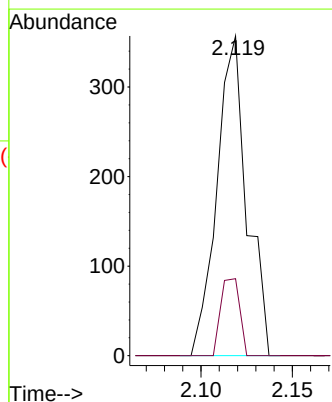
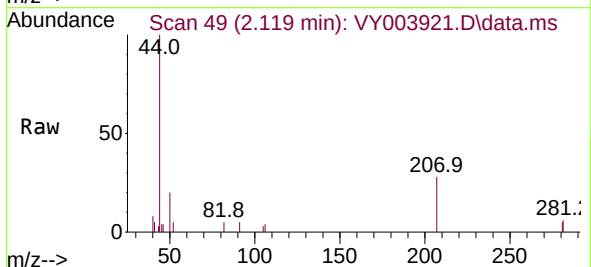
Instrument :
MSVOA_Y
ClientSampleId :

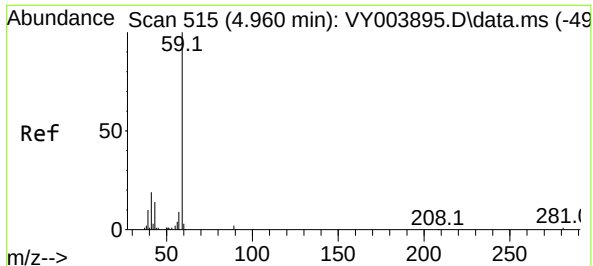
Tgt Ion:168 Resp: 77966
Ion Ratio Lower Upper
168 100
99 52.9 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 24.1 26.6 40.0#



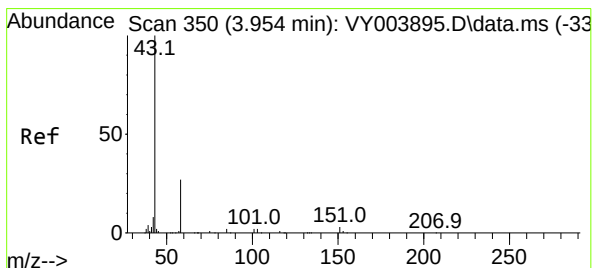
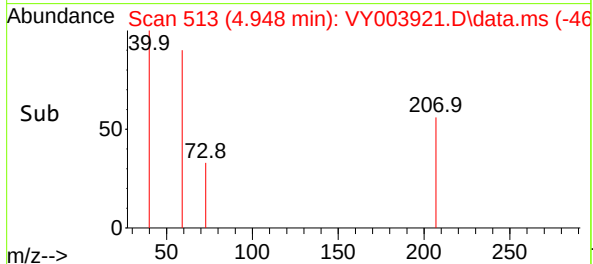
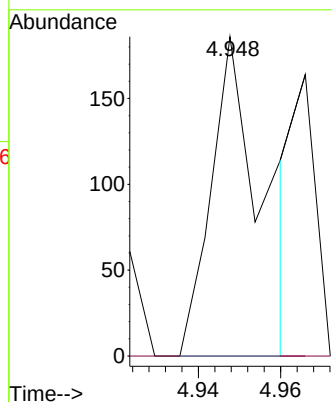
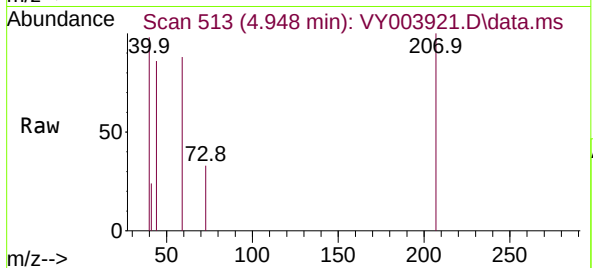


#11

Tert butyl alcohol
Concen: 1.29 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Instrument :
MSVOA_Y
ClientSampled :

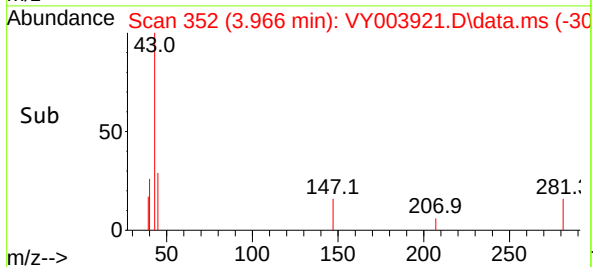
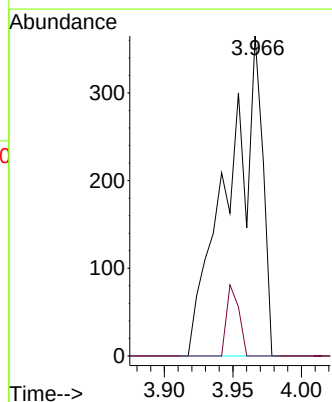
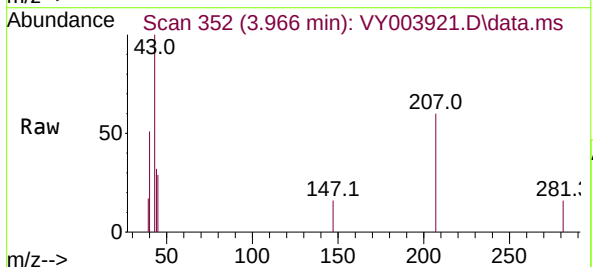
Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

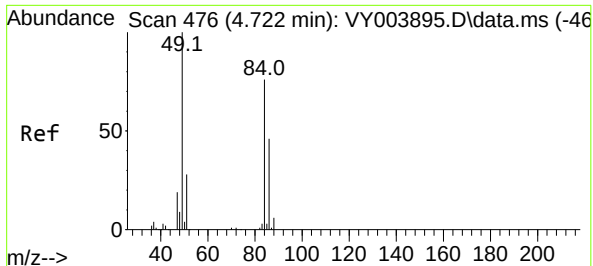


#16

Acetone
Concen: 2.10 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

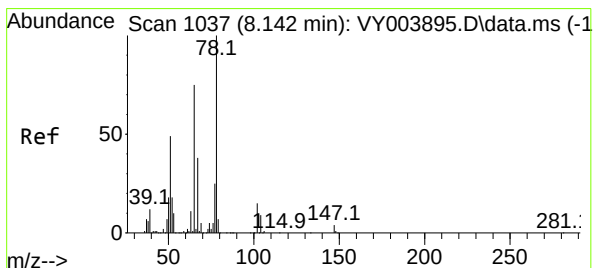
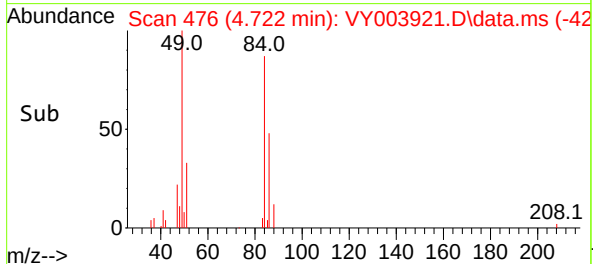
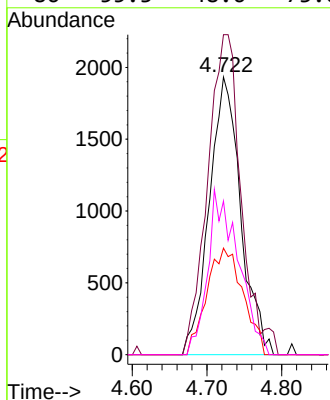
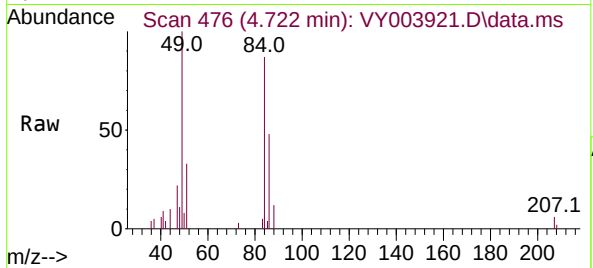




#20
Methylene Chloride
Concen: 5.04 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

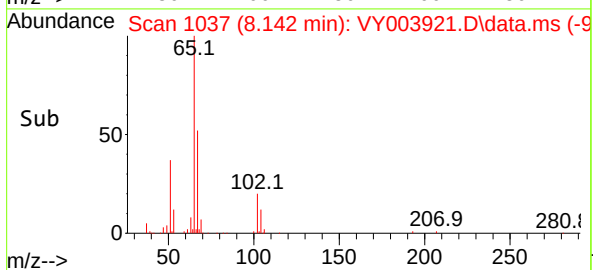
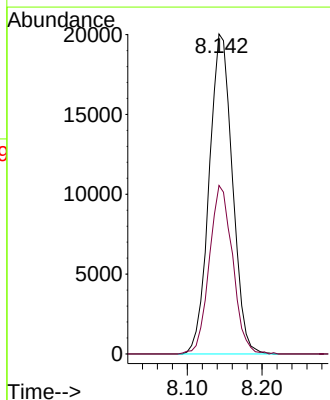
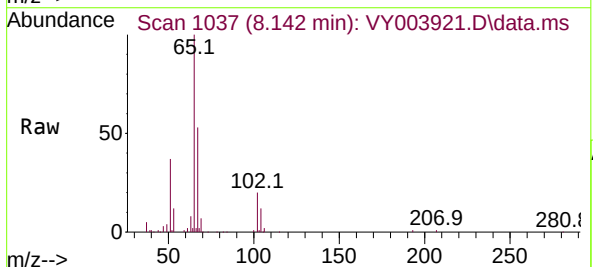
Instrument :
MSVOA_Y
ClientSampleId :

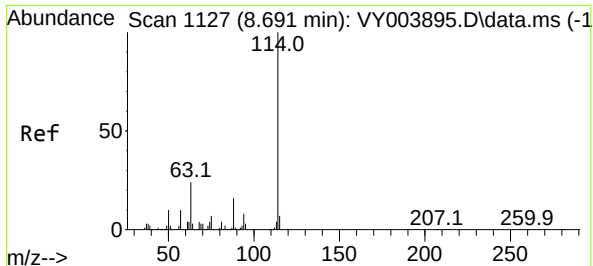
Tgt Ion:	84	Resp:	5660
Ion	Ratio	Lower	Upper
84	100		
49	115.3	98.0	147.0
51	38.4	30.5	45.7
86	55.3	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 35.73 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion:	65	Resp:	43276
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.2

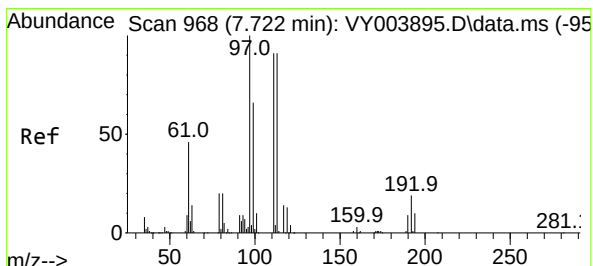
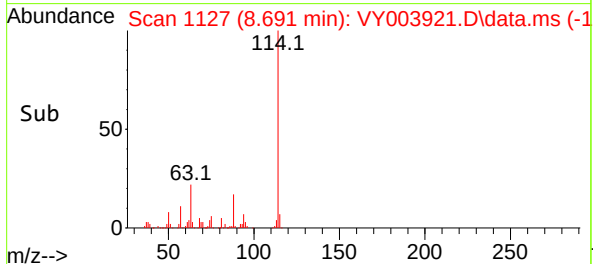
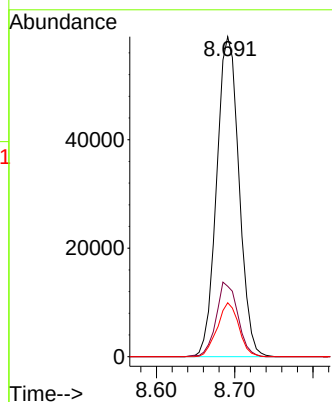
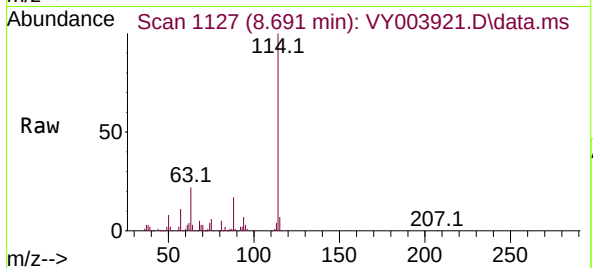




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

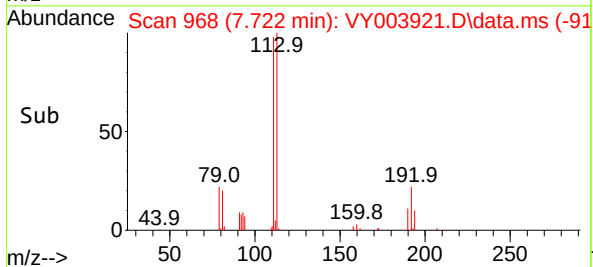
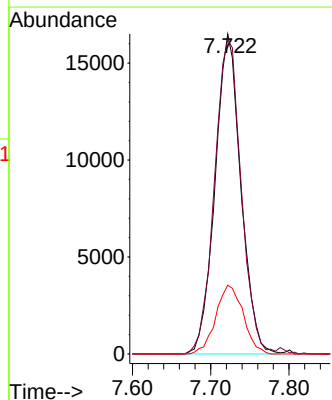
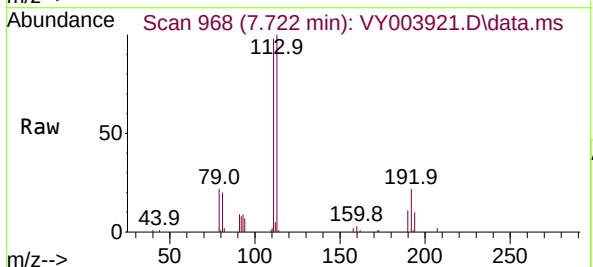
Instrument :
MSVOA_Y
ClientSampleId :

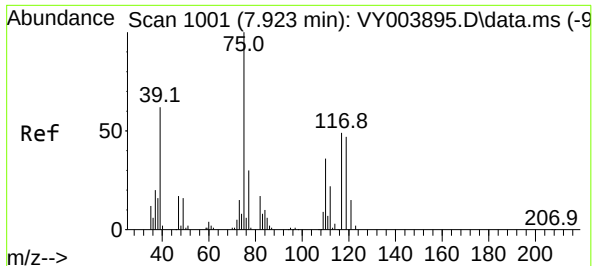
Tgt Ion:114	Resp:	116969
Ion Ratio	Lower	Upper
114	100	
63	22.0	0.0 38.8
88	16.9	0.0 31.4



#35
Dibromofluoromethane
Concen: 39.50 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

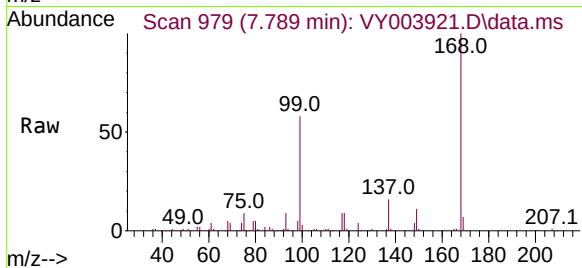
Tgt Ion:113	Resp:	37759
Ion Ratio	Lower	Upper
113	100	
111	101.8	83.0 124.6
192	22.8	19.8 29.6



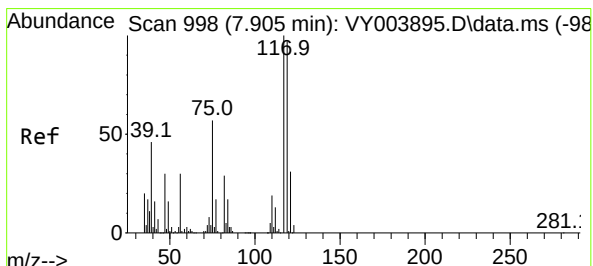
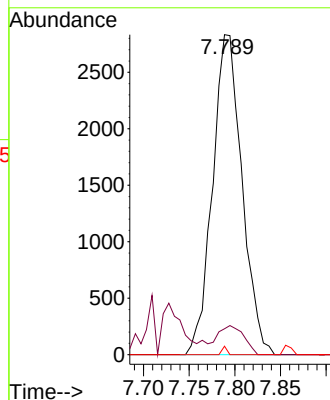
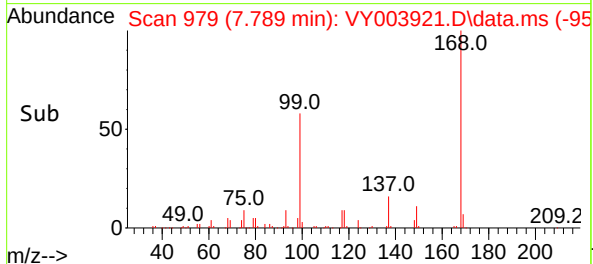


#36
1,1-Dichloropropene
Concen: 3.97 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

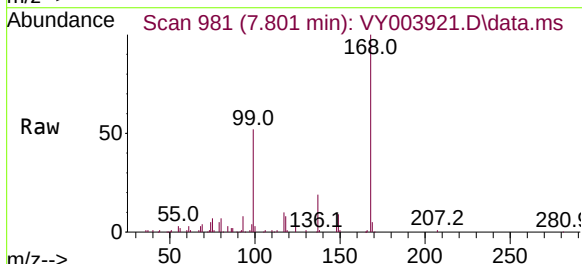
Instrument :
MSVOA_Y
ClientSampleId :



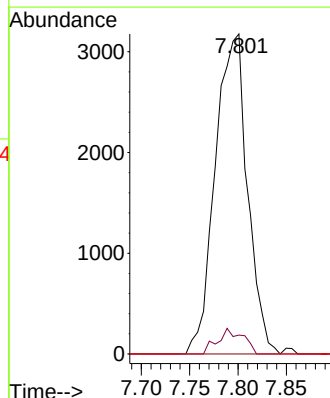
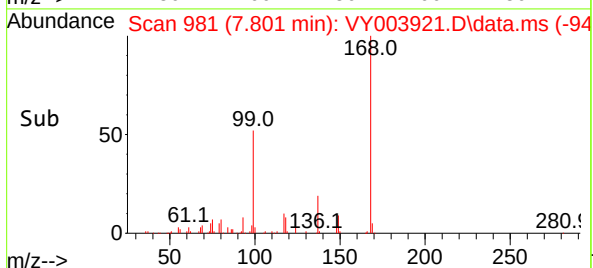
Tgt Ion: 75 Resp: 6359
Ion Ratio Lower Upper
75 100
110 8.2 17.7 53.1#
77 0.4 24.8 37.2#

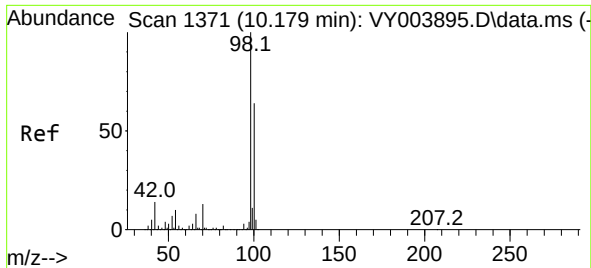


#38
Carbon Tetrachloride
Concen: 4.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59



Tgt Ion: 117 Resp: 7365
Ion Ratio Lower Upper
117 100
119 5.9 78.6 118.0#
121 0.0 25.8 38.6#

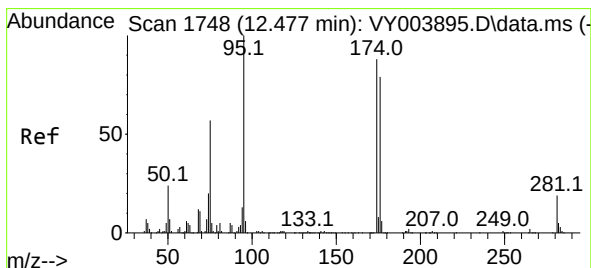
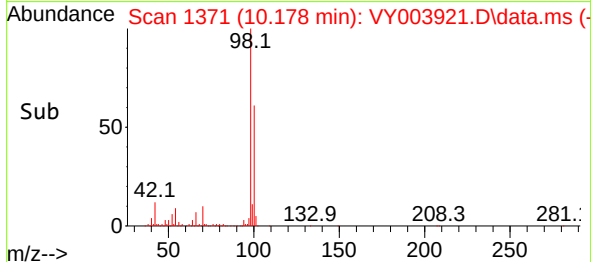
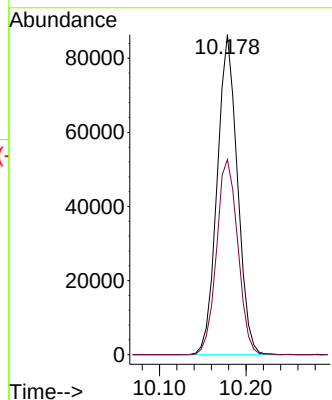
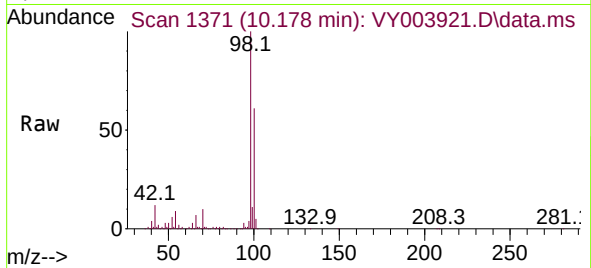




#50
Toluene-d8
Concen: 36.28 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

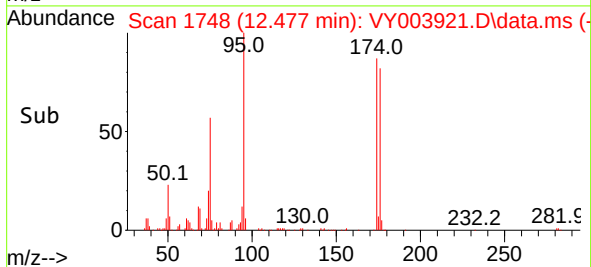
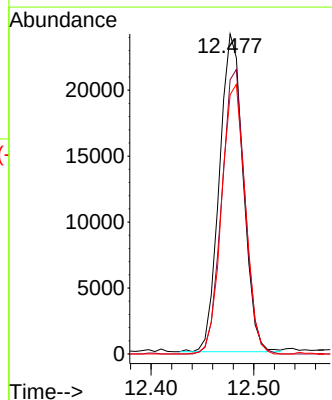
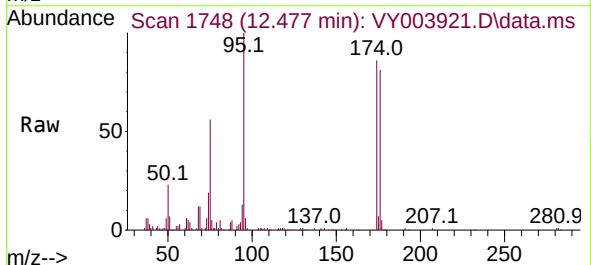
Instrument :
MSVOA_Y
ClientSampled :

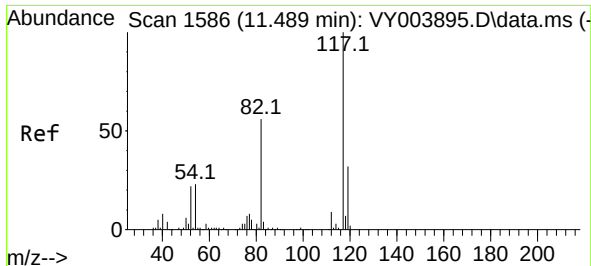
Tgt Ion: 98 Resp: 140551
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 27.37 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion: 95 Resp: 38719
Ion Ratio Lower Upper
95 100
174 87.6 0.0 193.2
176 84.8 0.0 187.0

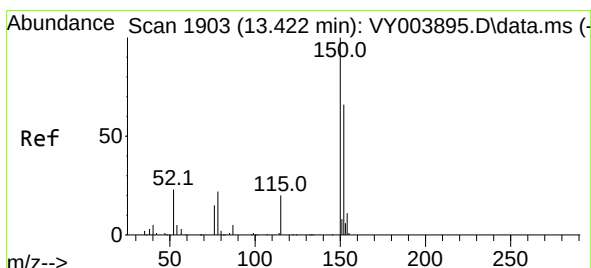
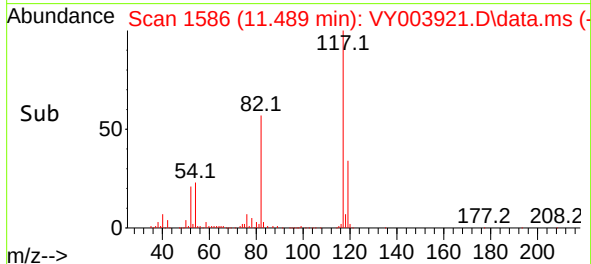
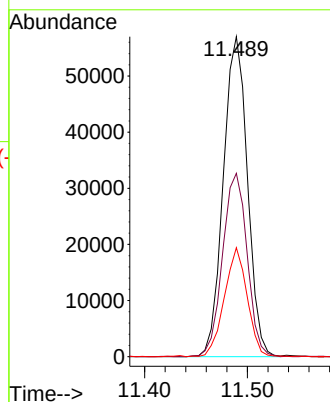
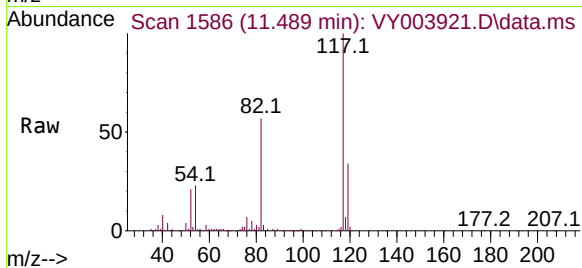




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

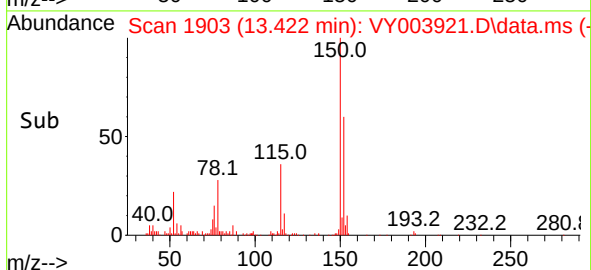
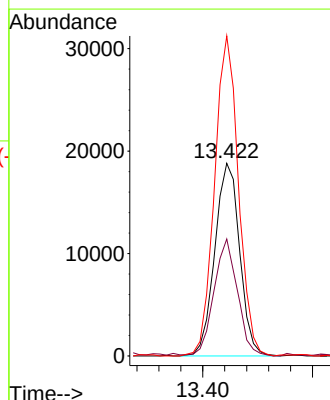
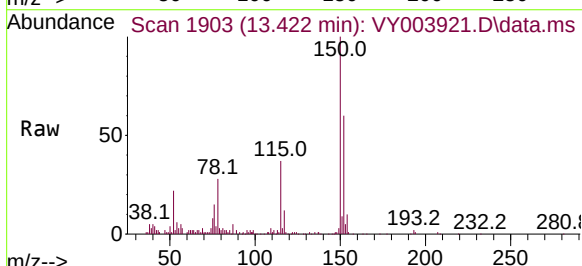
Instrument :
MSVOA_Y
ClientSampleId :

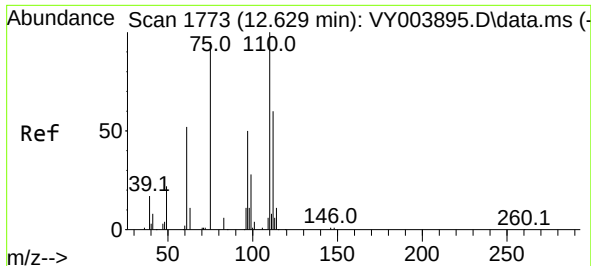
Tgt Ion:	117	Resp:	92904
Ion Ratio	Lower	Upper	
117	100		
82	57.3	43.9	65.9
119	33.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion:	152	Resp:	29623
Ion Ratio	Lower	Upper	
152	100		
115	57.4	27.9	83.7
150	159.4	0.0	356.4

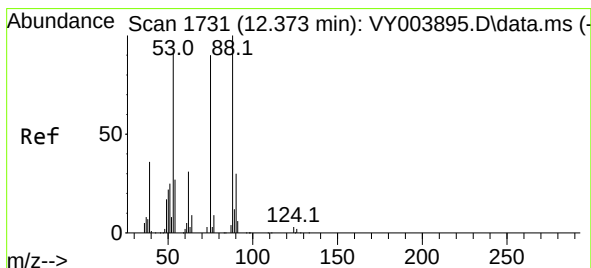
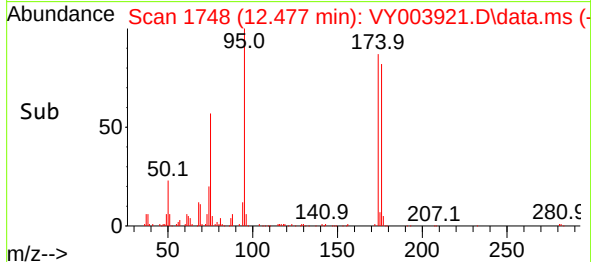
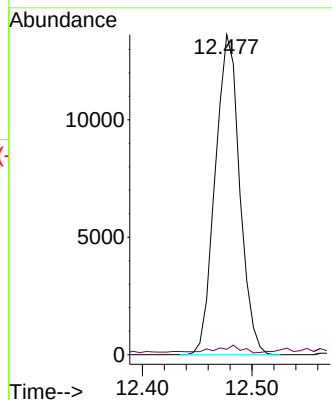
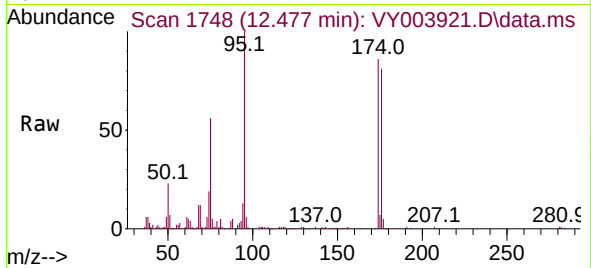




#76
1,2,3-Trichloropropane
Concen: 52.76 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

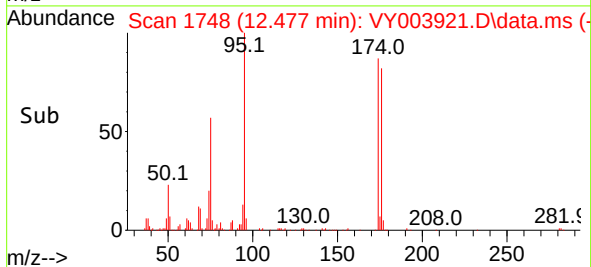
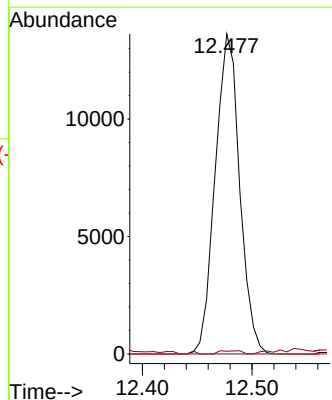
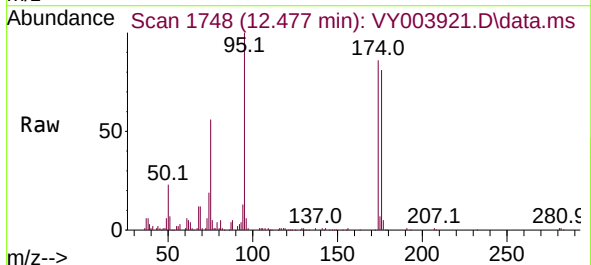
Instrument :
MSVOA_Y
ClientSampled :

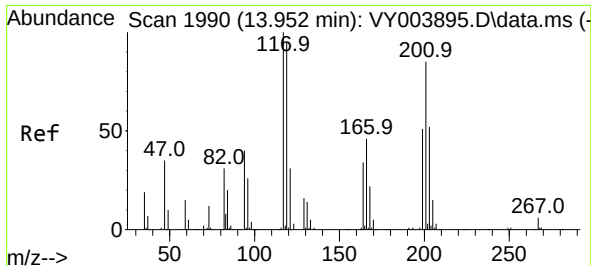
Tgt Ion: 75 Resp: 21134
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.16 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion: 75 Resp: 21134
Ion Ratio Lower Upper
75 100
53 0.9 75.0 112.6#
89 0.0 0.0 0.0

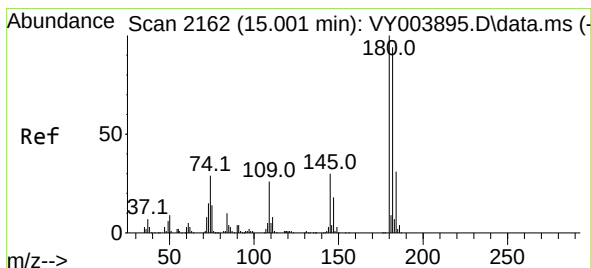
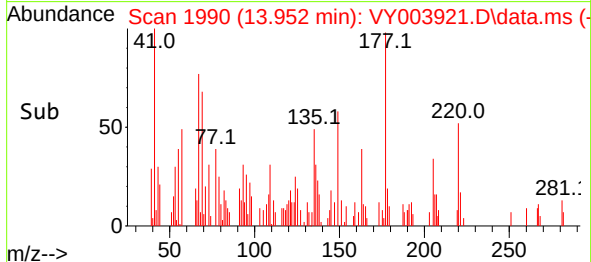
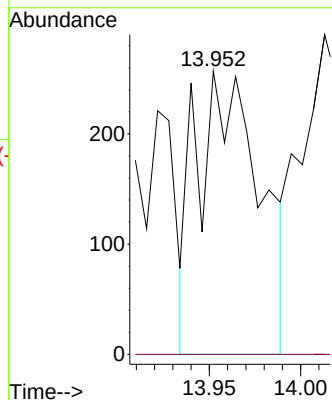
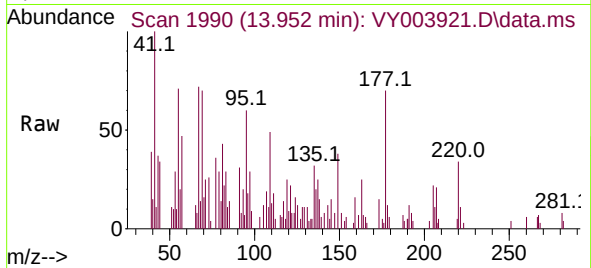




#90
Hexachloroethane
Concen: 1.35 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 615
Ion Ratio Lower Upper
117 100
201 0.0 46.7 140.1#



#93
1,2,4-Trichlorobenzene
Concen: 1.12 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY003921.D
Acq: 14 Jan 2021 15:59

Tgt Ion:180 Resp: 902
Ion Ratio Lower Upper
180 100
182 64.4 47.8 143.3
145 161.2 14.2 42.8#

