

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003919.D
 Acq On : 14 Jan 2021 15:12
 Operator : SY/MD
 Sample : M1124-01
 Misc : 3.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:58:00 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)

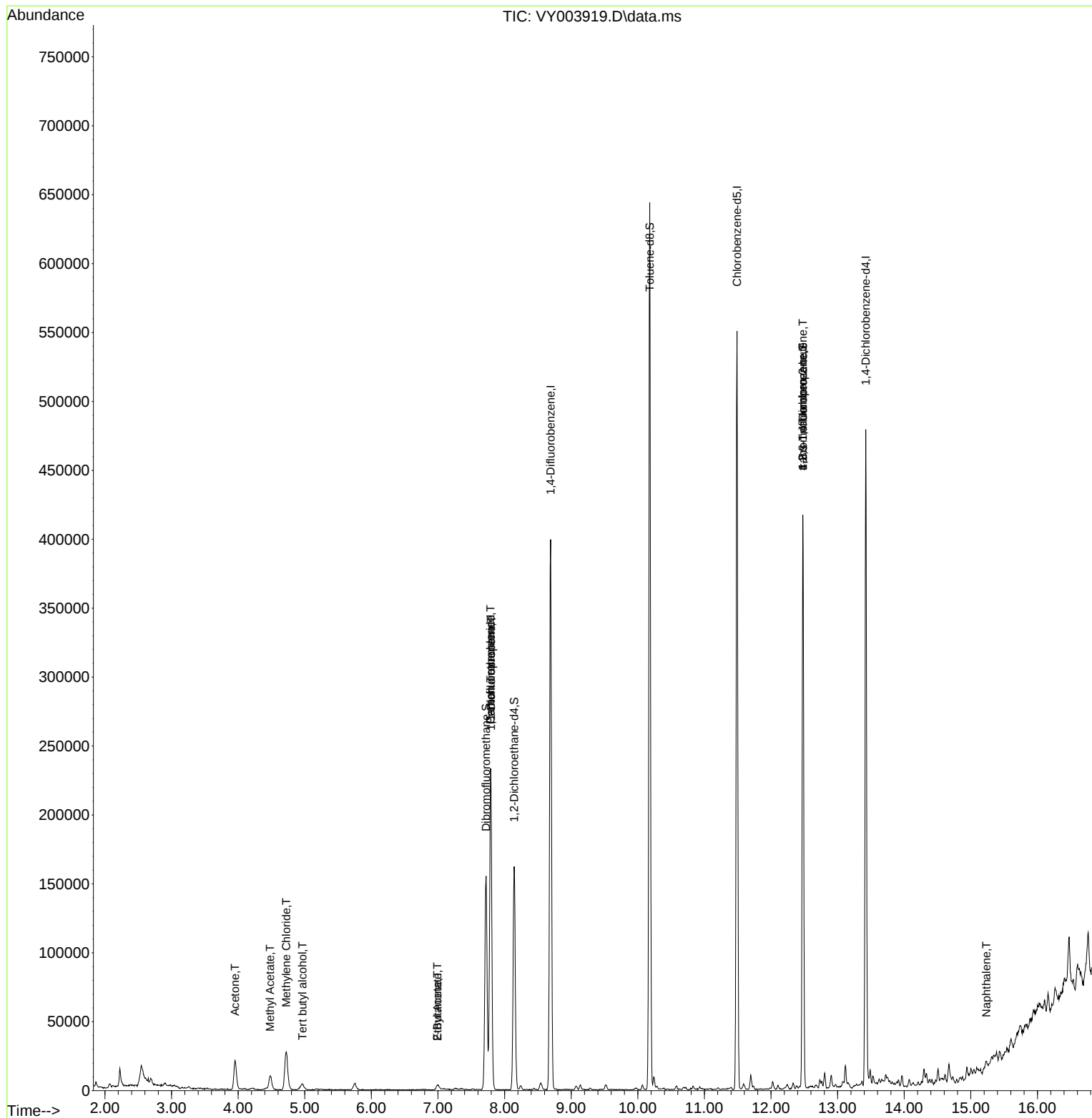
Internal Standards						
1) Pentafluorobenzene	7.789	168	185506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	324324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124910	43.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.70%		
35) Dibromofluoromethane	7.722	113	105626	39.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.70%		
50) Toluene-d8	10.179	98	393362	36.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	73.24%		
62) 4-Bromofluorobenzene	12.477	95	122313	31.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.930	85	20	Below Cal	#	43
3) Chloromethane	2.119	50	1124	Below Cal		97
11) Tert butyl alcohol	4.966	59	8347	27.86	ug/l	99
16) Acetone	3.954	43	37067	52.02	ug/l	100
18) Methyl Acetate	4.479	43	21165	11.17	ug/l	96
20) Methylene Chloride	4.722	84	19875	7.44	ug/l #	89
25) 2-Butanone	6.990	43	5387	4.85	ug/l #	88
36) 1,1-Dichloropropene	7.795	75	14053	3.17	ug/l #	51
37) Ethyl Acetate	6.990	43	5387	1.80	ug/l #	70
38) Carbon Tetrachloride	7.789	117	17750	3.78	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	67913	43.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67913	83.16	ug/l #	3
95) Naphthalene	15.233	128	6021	1.02	ug/l	96

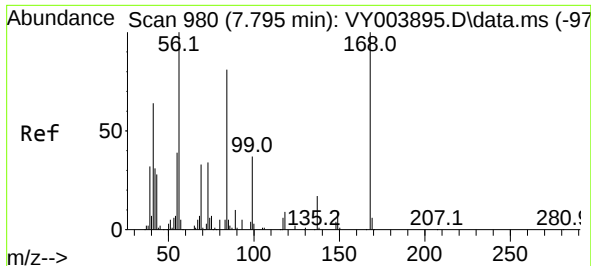
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
Data File : VY003919.D
Acq On : 14 Jan 2021 15:12
Operator : SY/MD
Sample : M1124-01
Misc : 3.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 15 00:58:00 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

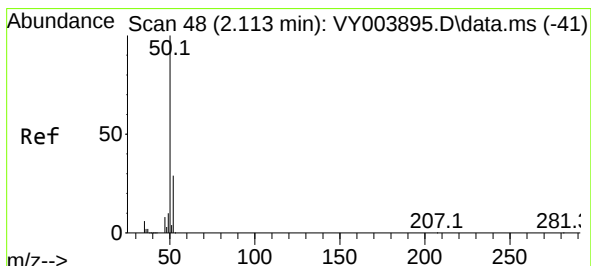
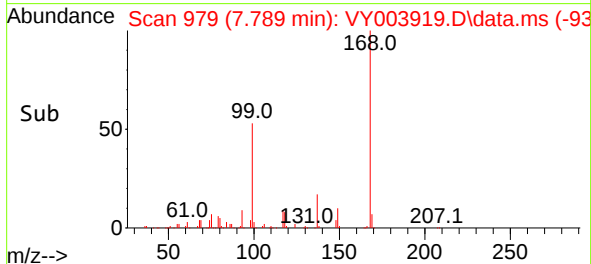
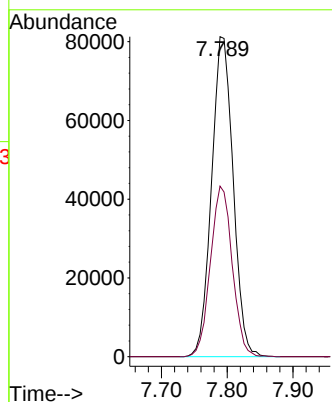
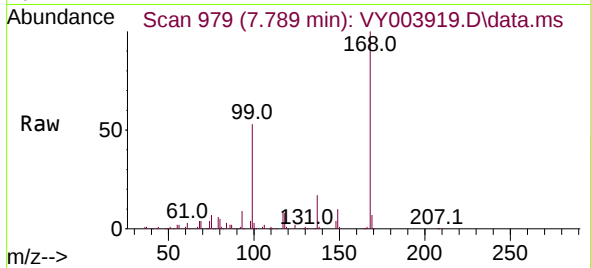




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

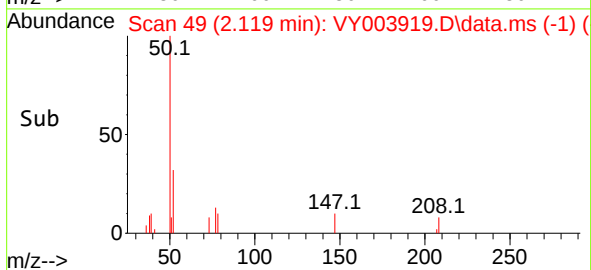
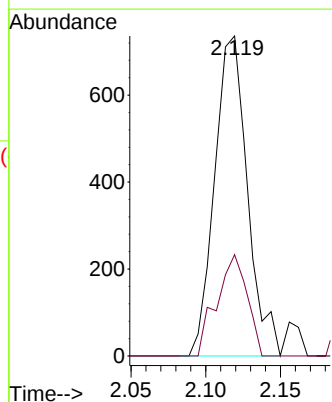
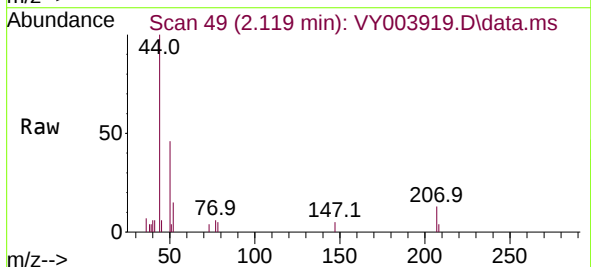
Instrument :
MSVOA_Y
ClientSampleId :

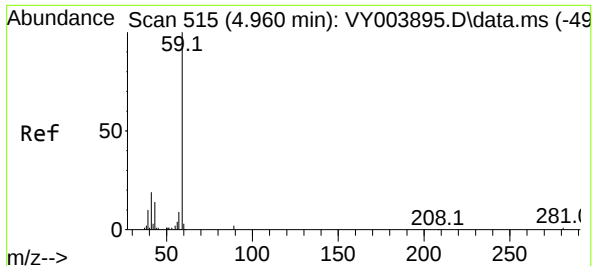
Tgt Ion:168 Resp: 185506
Ion Ratio Lower Upper
168 100
99 53.3 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



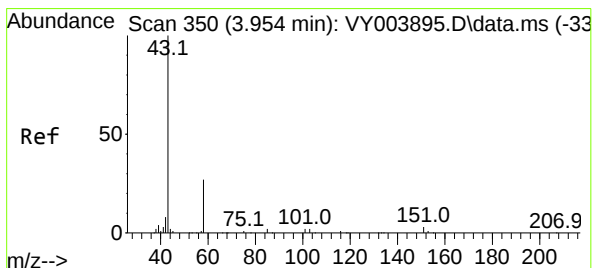
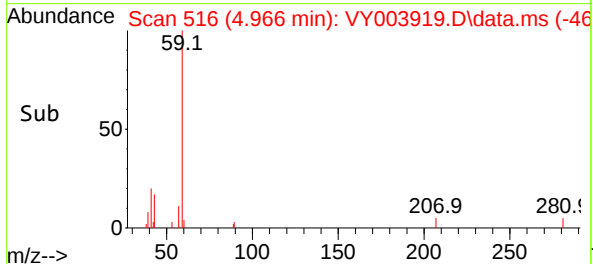
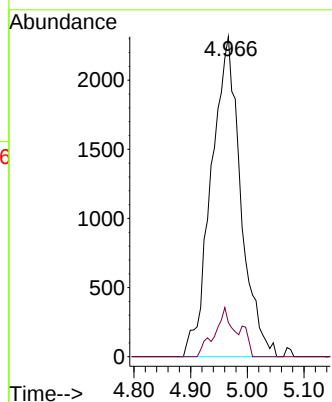
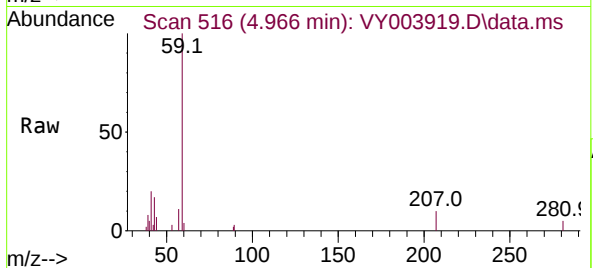


#11

Tert butyl alcohol
Concen: 27.86 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Instrument :
MSVOA_Y
ClientSampleId :

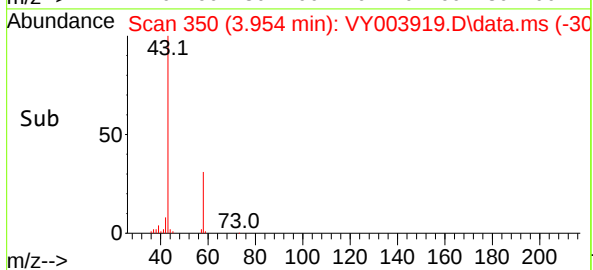
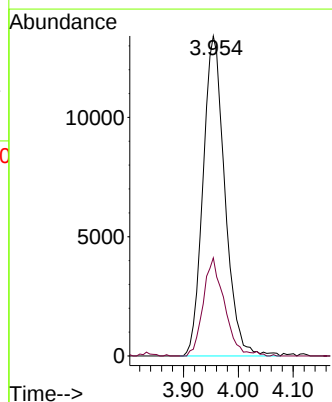
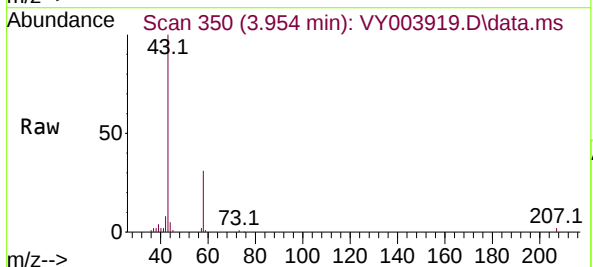
Tgt Ion: 59 Resp: 8347
Ion Ratio Lower Upper
59 100
57 9.6 7.9 11.9

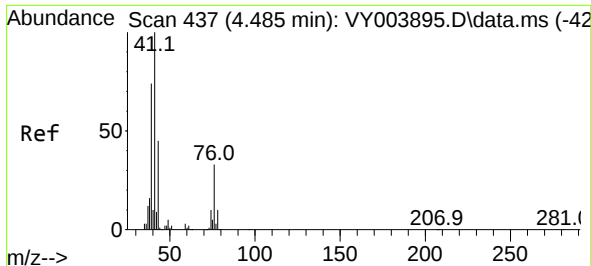


#16

Acetone
Concen: 52.02 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 43 Resp: 37067
Ion Ratio Lower Upper
43 100
58 30.7 24.5 36.7

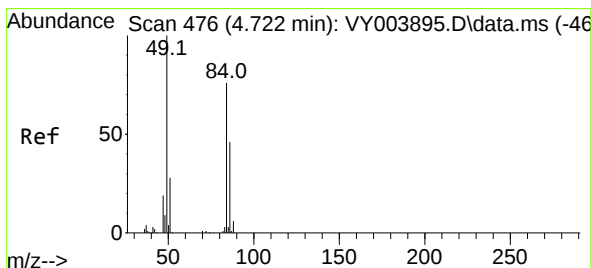
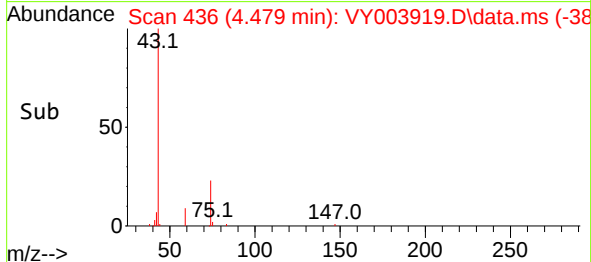
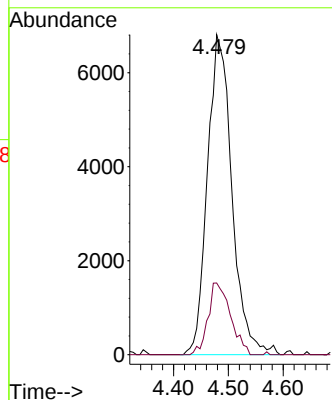
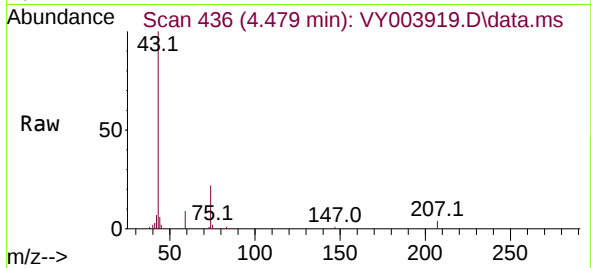




#18
Methyl Acetate
Concen: 11.17 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

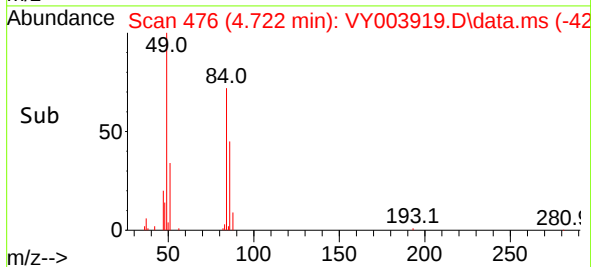
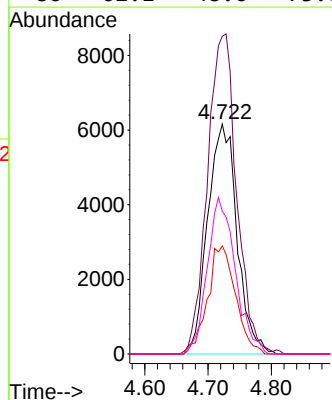
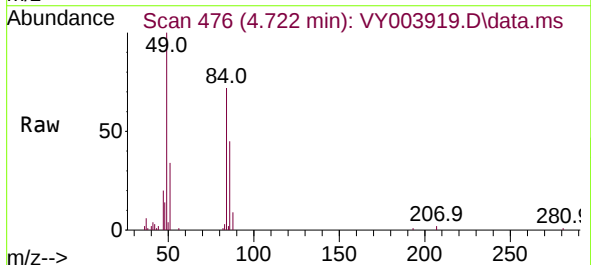
Instrument :
MSVOA_Y
ClientSampled :

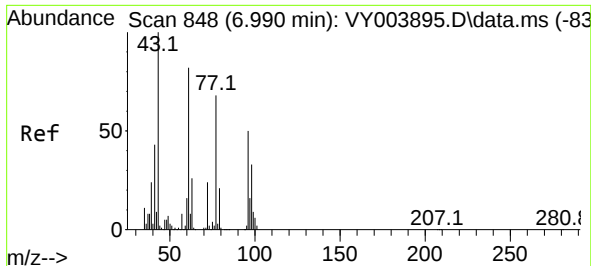
Tgt Ion: 43 Resp: 21165
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.6



#20
Methylene Chloride
Concen: 7.44 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 84 Resp: 19875
Ion Ratio Lower Upper
84 100
49 138.4 98.0 147.0
51 47.0 30.5 45.7#
86 62.1 48.6 73.0





#25

2-Butanone

Concen: 4.85 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY003919.D

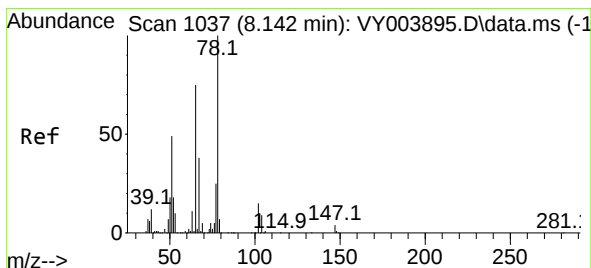
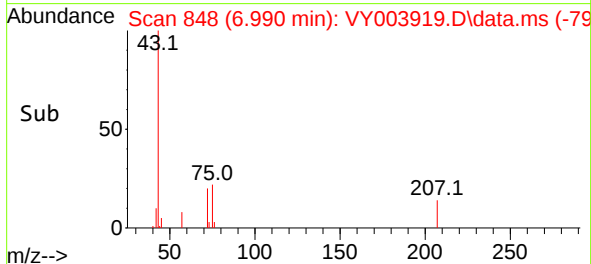
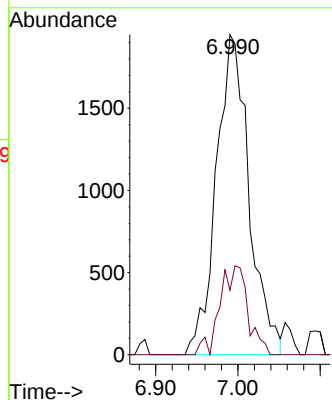
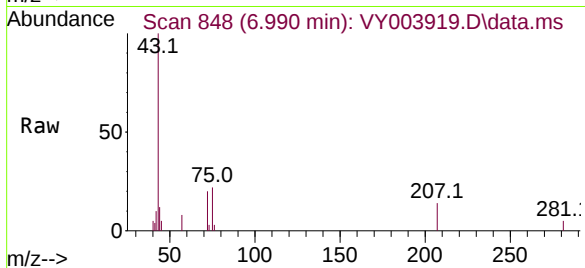
Acq: 14 Jan 2021 15:12

Tgt Ion: 43 Resp: 5387

Ion Ratio Lower Upper

43 100

72 20.2 21.0 31.6#



#33

1,2-Dichloroethane-d4

Concen: 43.35 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY003919.D

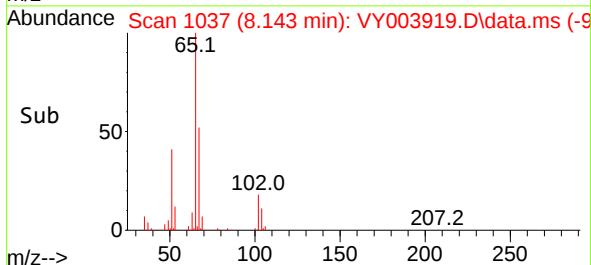
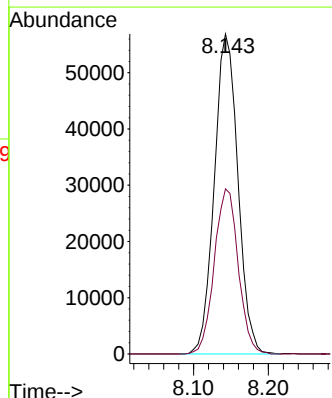
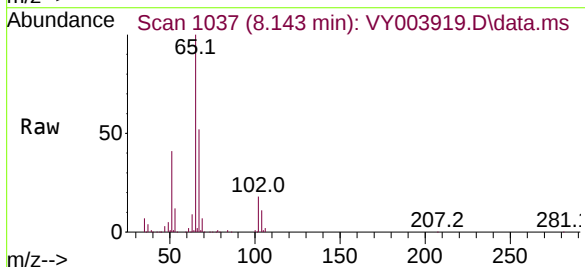
Acq: 14 Jan 2021 15:12

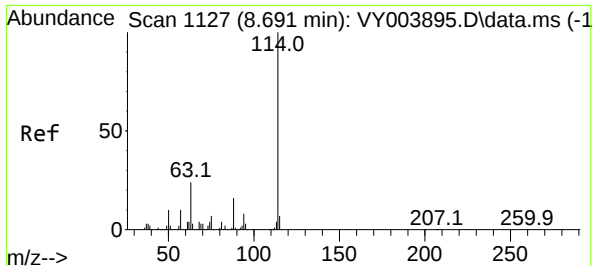
Tgt Ion: 65 Resp: 124910

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.2

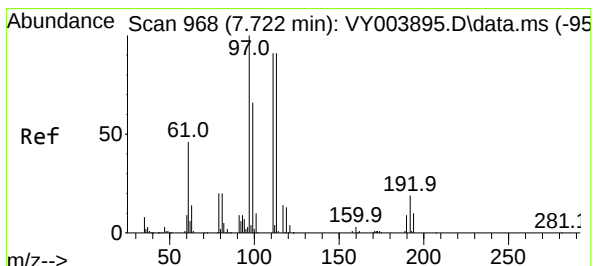
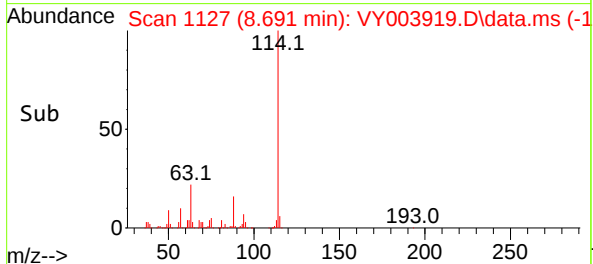
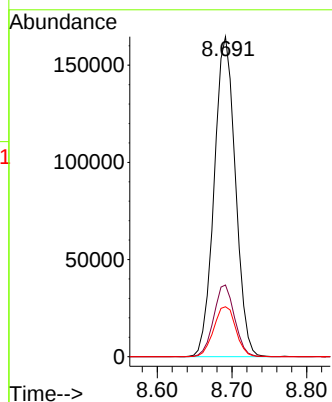
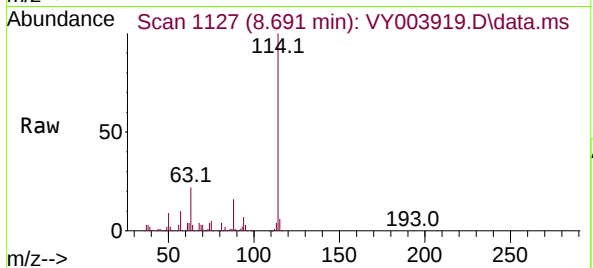




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

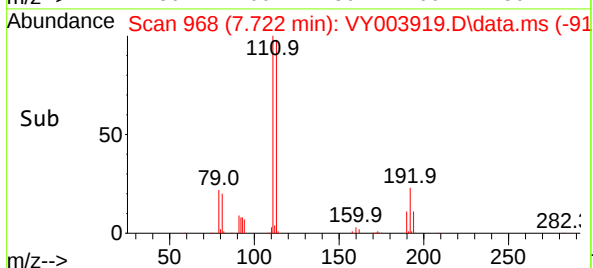
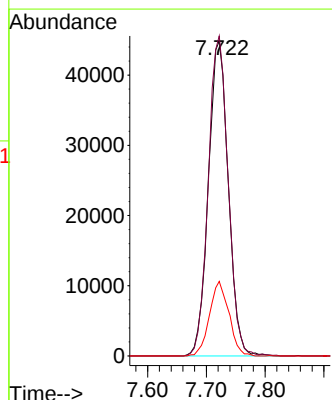
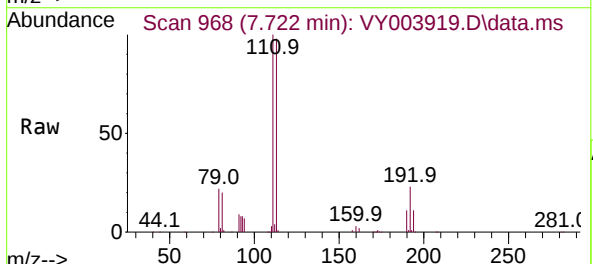
Instrument :
MSVOA_Y
ClientSampleId :

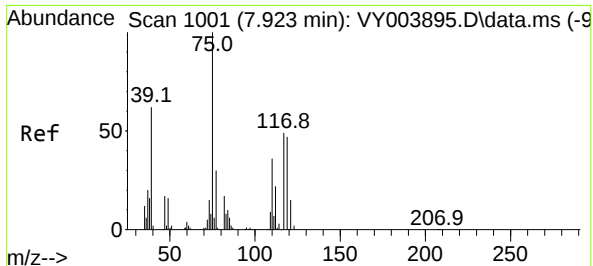
Tgt Ion:	114	Resp:	324324
Ion Ratio	Lower	Upper	
114	100		
63	22.4	0.0	38.8
88	15.6	0.0	31.4



#35
Dibromofluoromethane
Concen: 39.85 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion:	113	Resp:	105626
Ion Ratio	Lower	Upper	
113	100		
111	101.3	83.0	124.6
192	23.1	19.8	29.6





#36

1,1-Dichloropropene

Concen: 3.17 ug/l

RT: 7.795 min Scan# 980

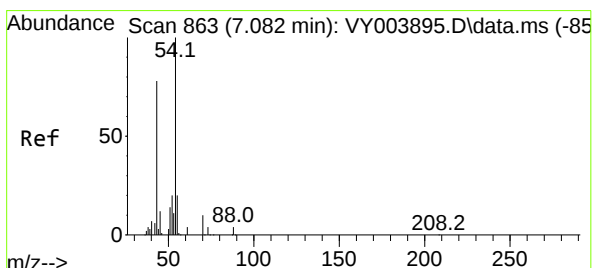
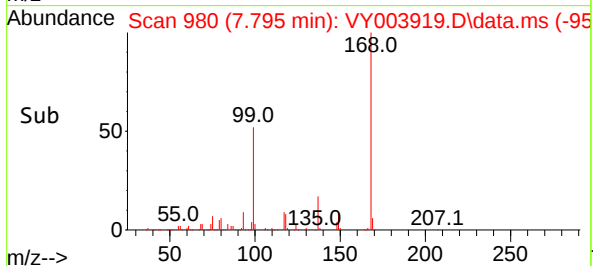
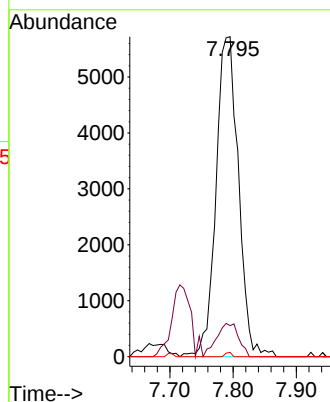
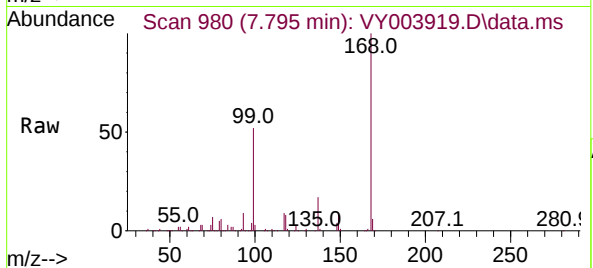
Delta R.T. -0.128 min

Lab File: VY003919.D

Acq: 14 Jan 2021 15:12

Tgt Ion:	75	Resp:	14053
Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.7	53.1#
77	0.4	24.8	37.2#

Instrument :
MSVOA_Y
ClientSampleId :



#37

Ethyl Acetate

Concen: 1.80 ug/l

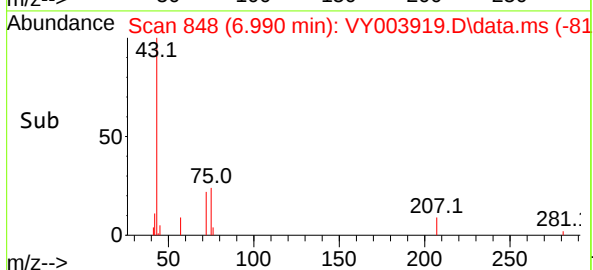
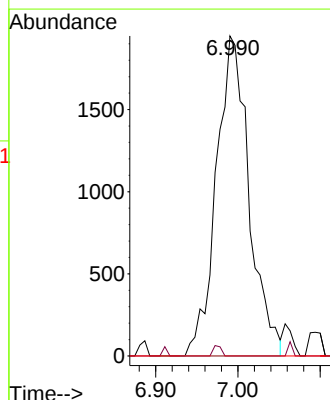
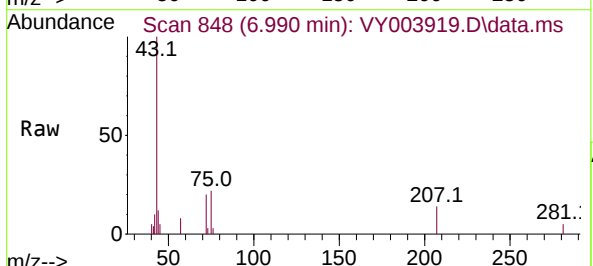
RT: 6.990 min Scan# 848

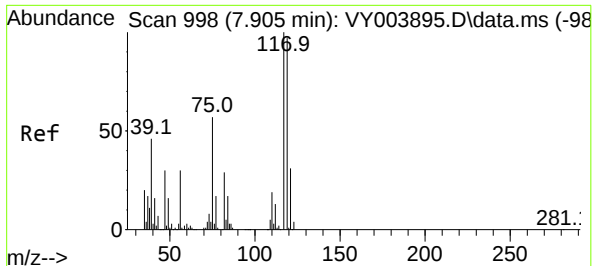
Delta R.T. -0.091 min

Lab File: VY003919.D

Acq: 14 Jan 2021 15:12

Tgt Ion:	43	Resp:	5387
Ion	Ratio	Lower	Upper
43	100		
61	0.8	10.6	16.0#
70	0.0	8.4	12.6#

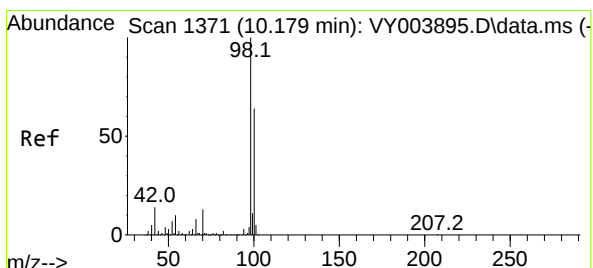
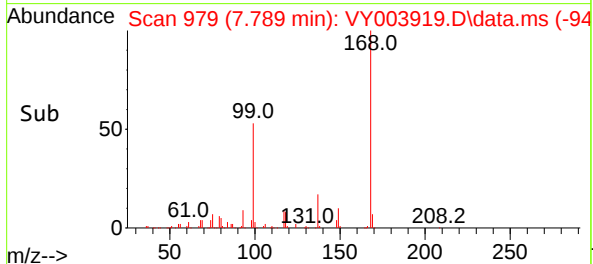
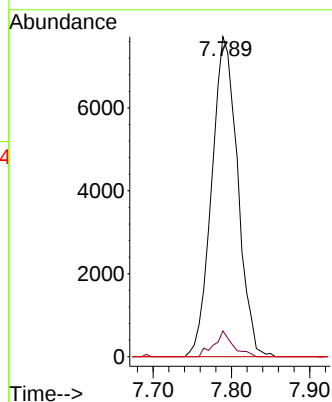
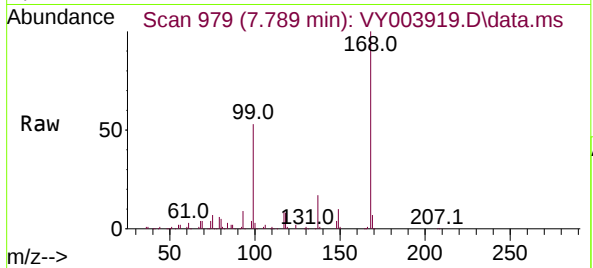




#38
Carbon Tetrachloride
Concen: 3.78 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

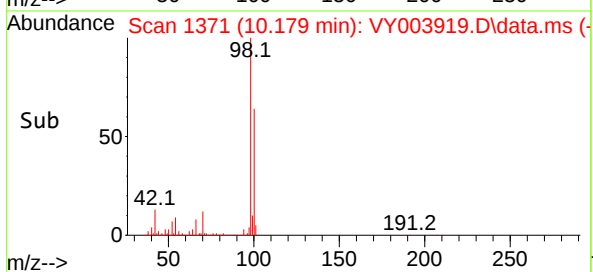
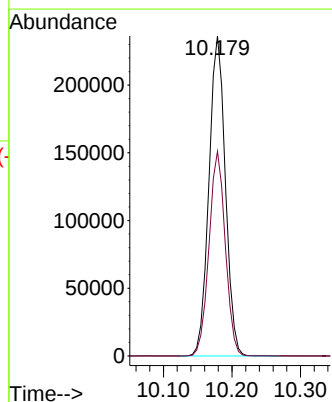
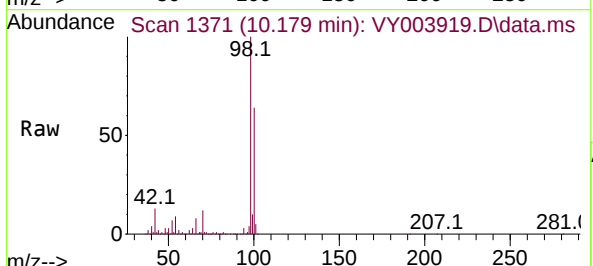
Instrument :
MSVOA_Y
ClientSampleId :

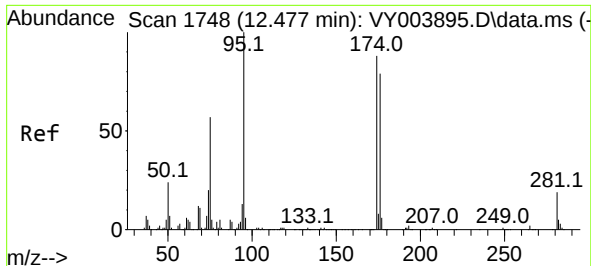
Tgt Ion:117 Resp: 17750
Ion Ratio Lower Upper
117 100
119 8.0 78.6 118.0#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 36.62 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 98 Resp: 393362
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

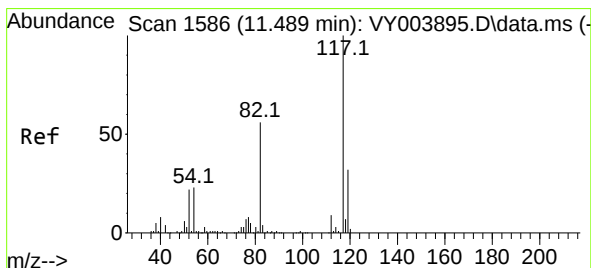
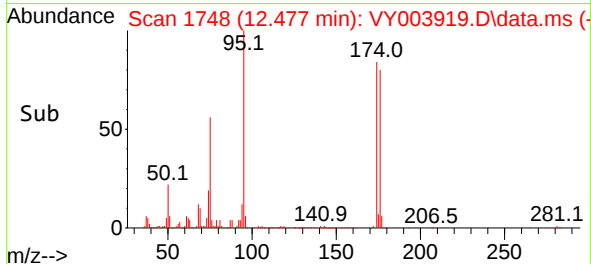
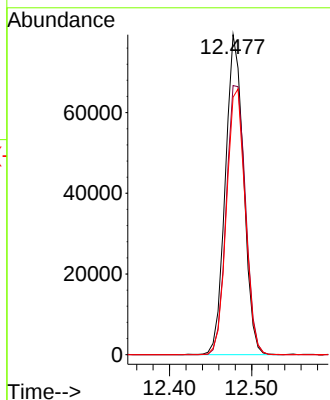
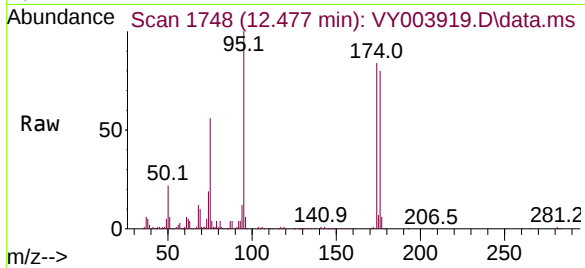




#62
4-Bromofluorobenzene
Concen: 31.18 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

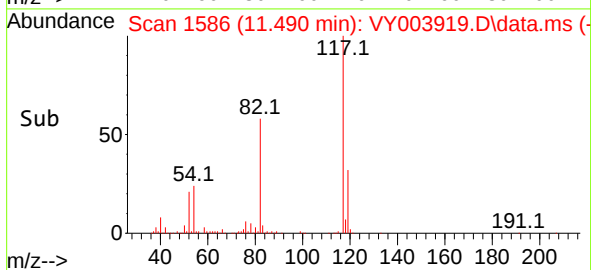
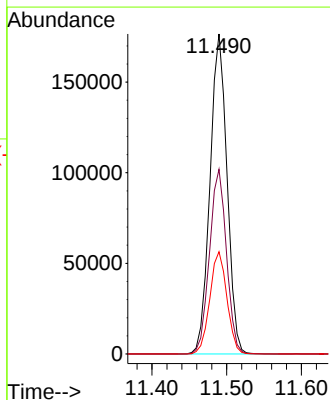
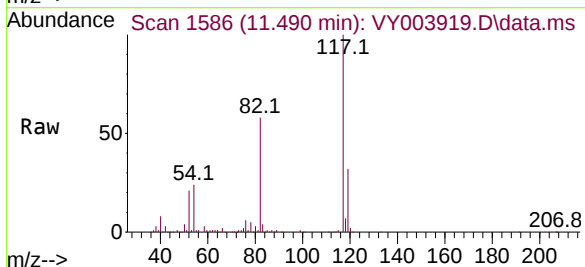
Instrument :
MSVOA_Y
ClientSampled :

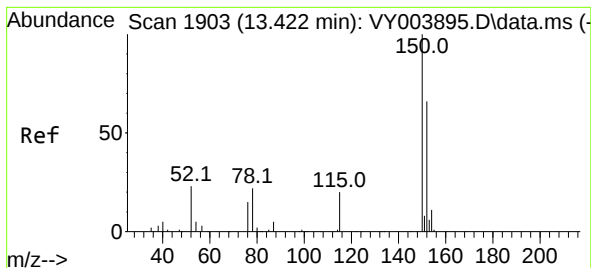
Tgt Ion: 95 Resp: 122313
Ion Ratio Lower Upper
95 100
174 88.9 0.0 193.2
176 85.2 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 117 Resp: 279045
Ion Ratio Lower Upper
117 100
82 57.7 43.9 65.9
119 31.9 26.2 39.4

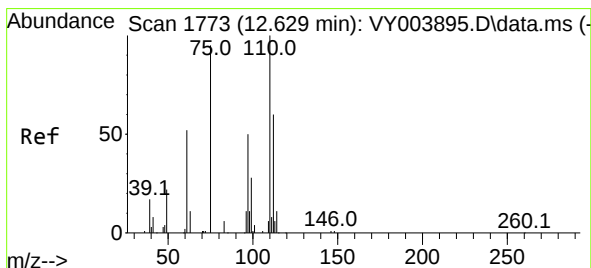
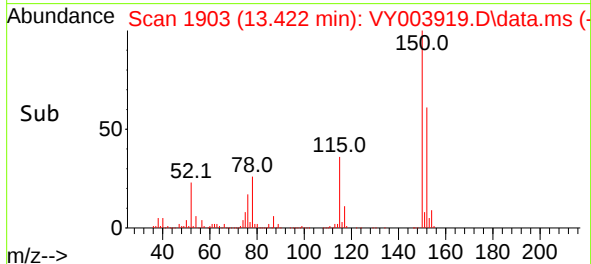
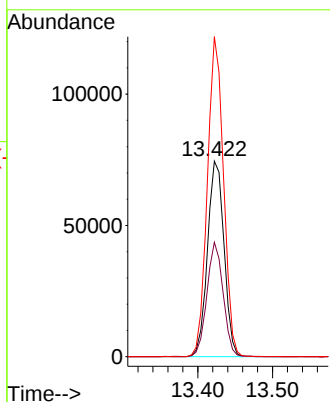
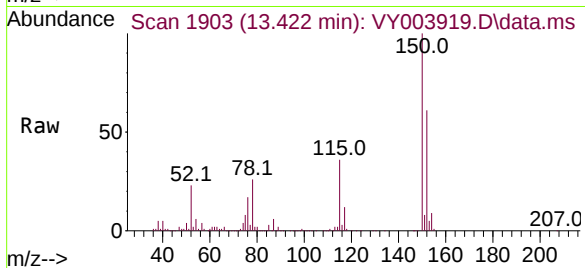




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY003919.D
 Acq: 14 Jan 2021 15:12

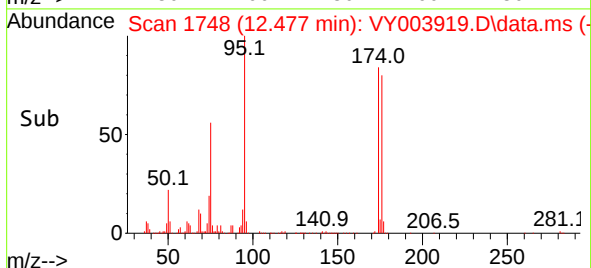
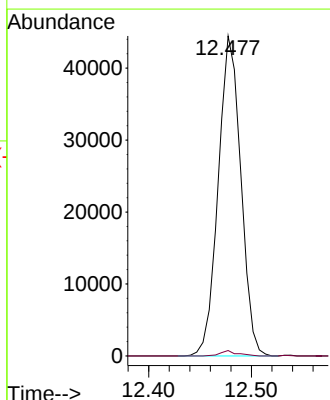
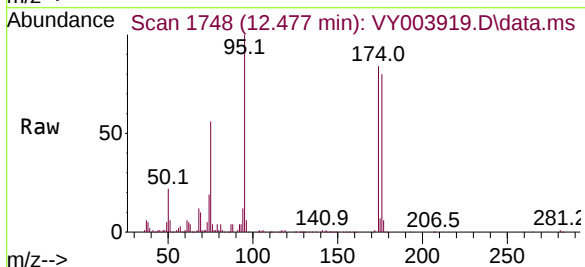
Instrument :
 MSVOA_Y
 ClientSampled :

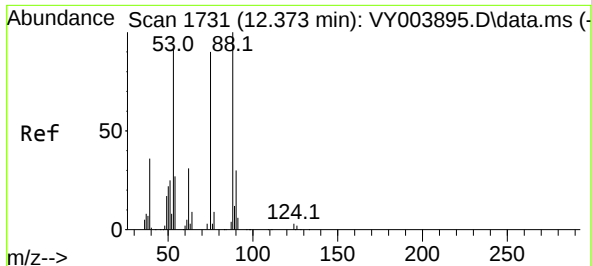
Tgt Ion:152 Resp: 114651
 Ion Ratio Lower Upper
 152 100
 115 57.4 27.9 83.7
 150 159.4 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 43.81 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY003919.D
 Acq: 14 Jan 2021 15:12

Tgt Ion: 75 Resp: 67913
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

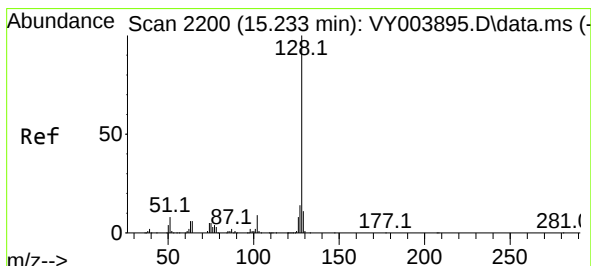
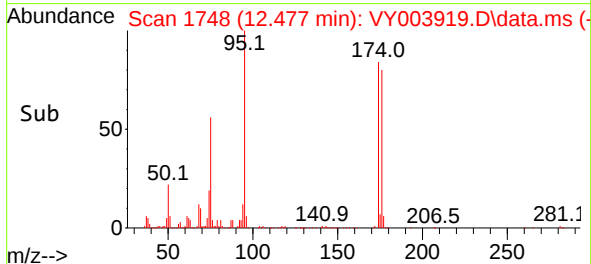
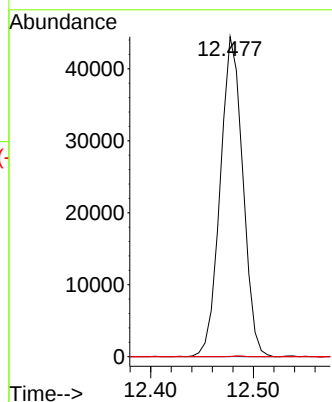
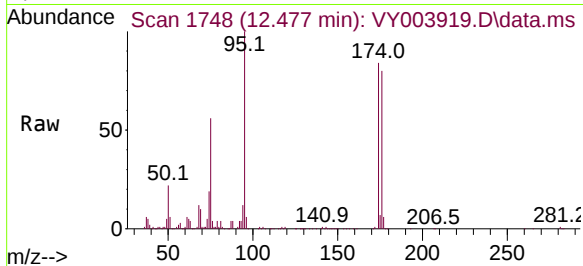




#81
trans-1,4-Dichloro-2-butene
Concen: 83.16 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67913
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 0.1 0.0 0.0#



#95
Naphthalene
Concen: 1.02 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 128 Resp: 6021
Ion Ratio Lower Upper
128 100
127 15.6 10.6 15.8
129 10.6 8.7 13.1

