

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003928.D
 Acq On : 14 Jan 2021 18:47
 Operator : SY/MD
 Sample : M1141-22
 Misc : 4.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:59:52 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)

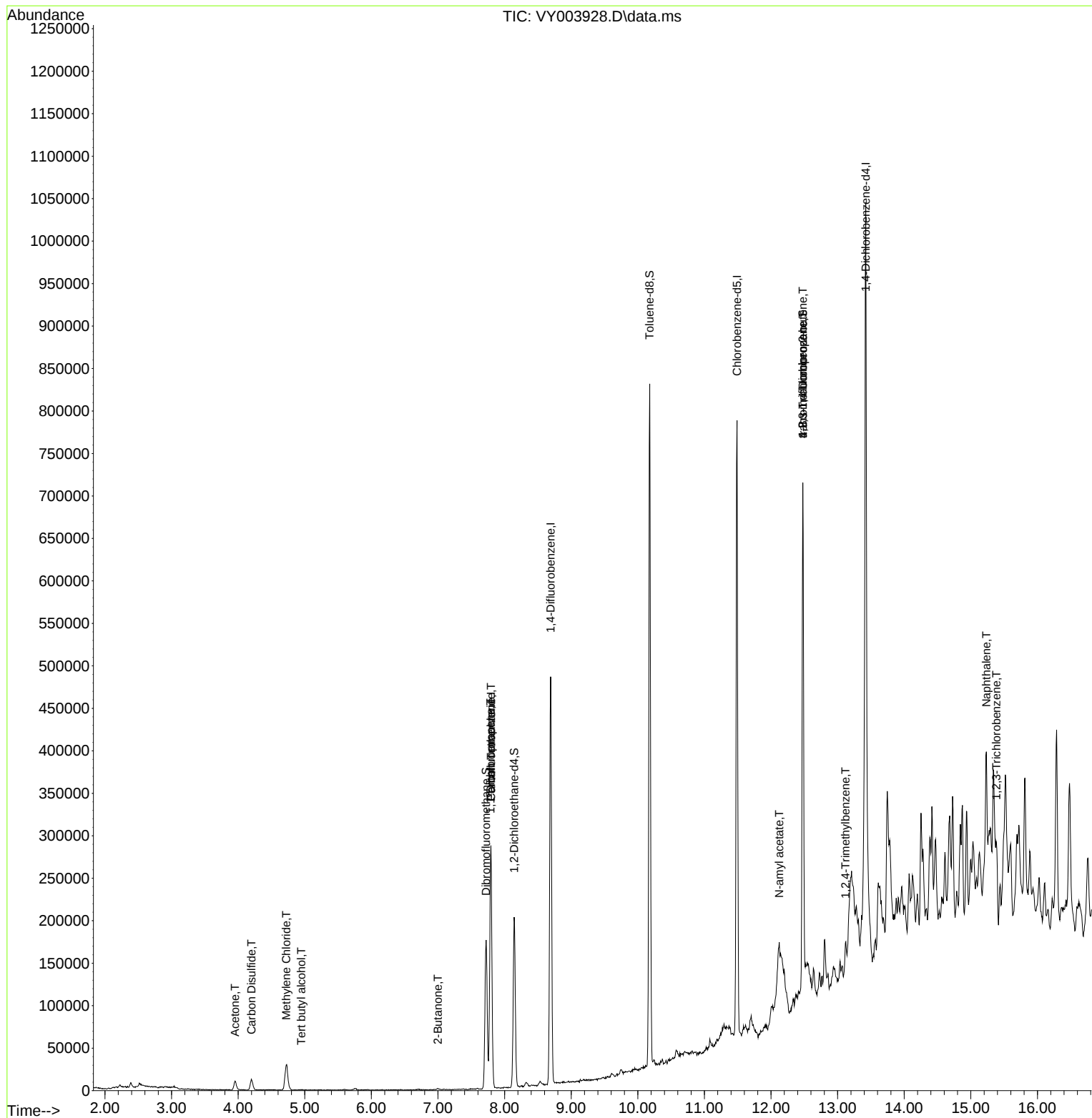
Internal Standards						
1) Pentafluorobenzene	7.795	168	219851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152700	44.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.42%		
35) Dibromofluoromethane	7.722	113	120119	38.08	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	76.16%		
50) Toluene-d8	10.179	98	499484	39.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.14%		
62) 4-Bromofluorobenzene	12.477	95	174637	37.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.80%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	71	Below Cal	#	43
3) Chloromethane	2.131	50	543	Below Cal		90
11) Tert butyl alcohol	4.948	59	552	1.55 ug/l	#	73
16) Acetone	3.954	43	17216	20.39 ug/l		99
17) Carbon Disulfide	4.198	76	23587	2.72 ug/l		96
20) Methylene Chloride	4.722	84	20702	6.54 ug/l		94
25) 2-Butanone	6.996	43	2417	1.84 ug/l		95
36) 1,1-Dichloropropene	7.789	75	17376	3.29 ug/l	#	50
38) Carbon Tetrachloride	7.795	117	21652	3.87 ug/l	#	16
74) N-amyl acetate	12.123	43	6228	1.15 ug/l	#	1
76) 1,2,3-Trichloropropane	12.477	75	94081	41.29 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	94081	78.39 ug/l	#	3
84) 1,2,4-Trimethylbenzene	13.117	105	18748	1.44 ug/l		100
95) Naphthalene	15.233	128	129795	15.00 ug/l		98
96) 1,2,3-Trichlorobenzene	15.385	180	4426	1.09 ug/l	#	1

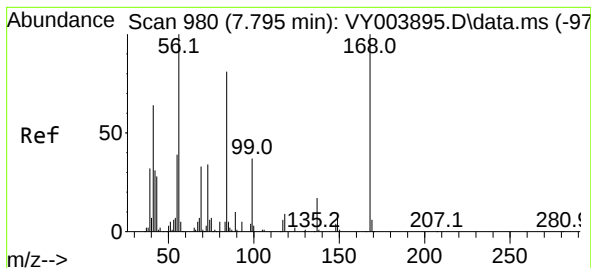
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 00:59:52 2021
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY003928.D

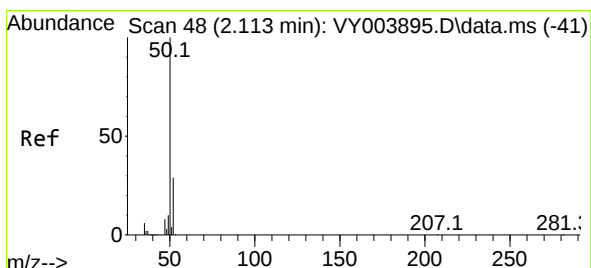
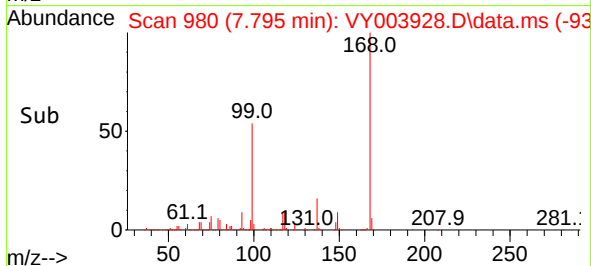
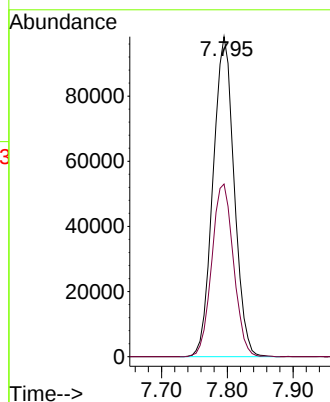
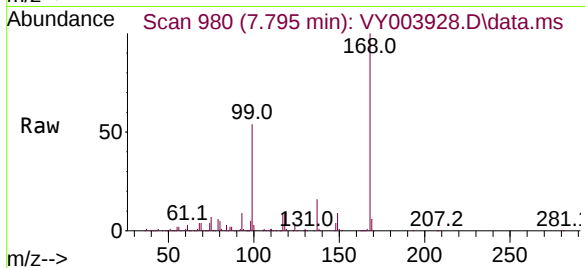
Acq: 14 Jan 2021 18:47

Tgt Ion:168 Resp: 219851

Ion Ratio Lower Upper

168 100

99 54.0 40.4 60.6



#3

Chloromethane

Concen: Below Cal

RT: 2.131 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY003928.D

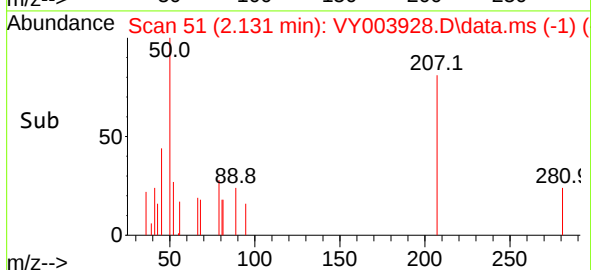
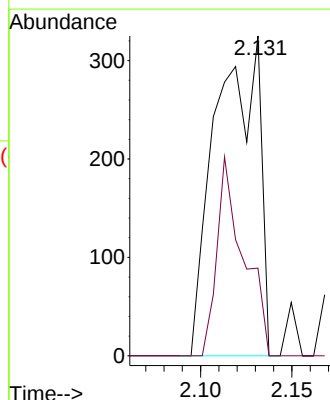
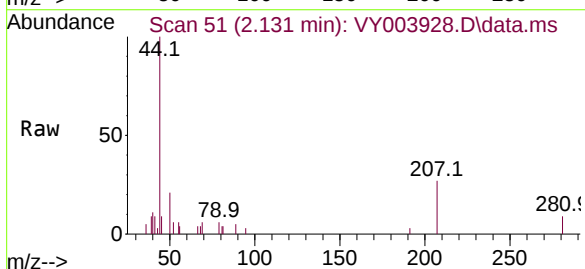
Acq: 14 Jan 2021 18:47

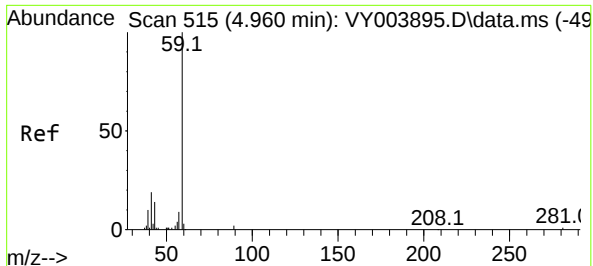
Tgt Ion: 50 Resp: 543

Ion Ratio Lower Upper

50 100

52 27.4 26.6 40.0



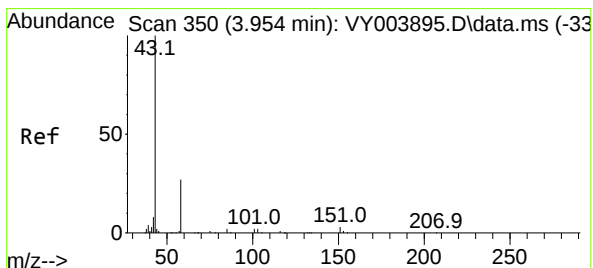
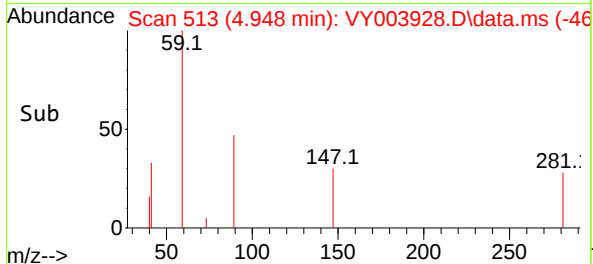
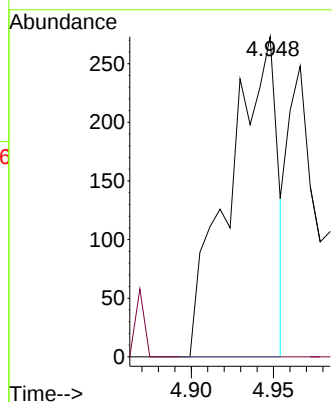
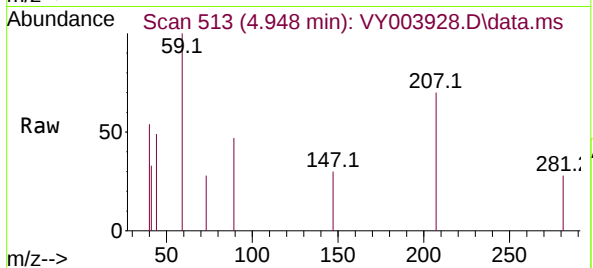


#11

Tert butyl alcohol
Concen: 1.55 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Instrument :
MSVOA_Y
ClientSampled :

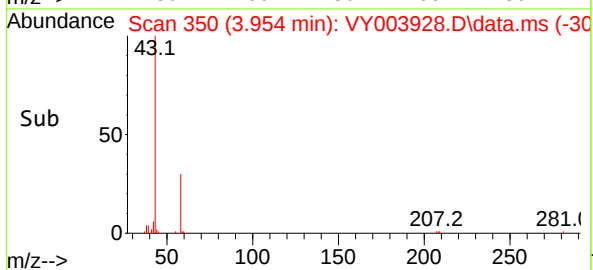
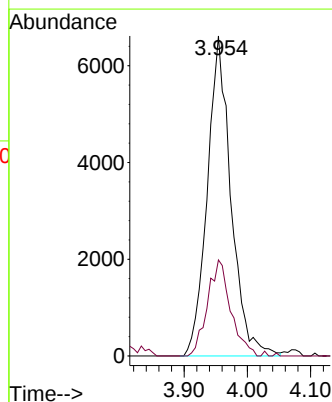
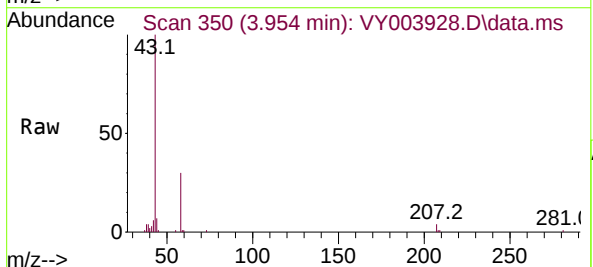
Tgt Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

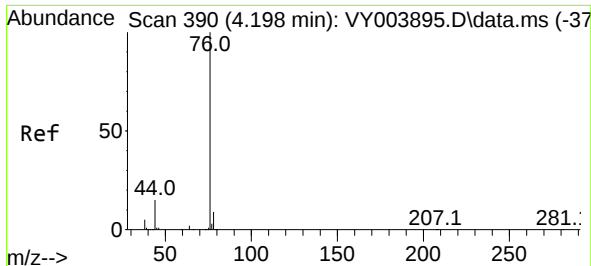


#16

Acetone
Concen: 20.39 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 43 Resp: 17216
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7

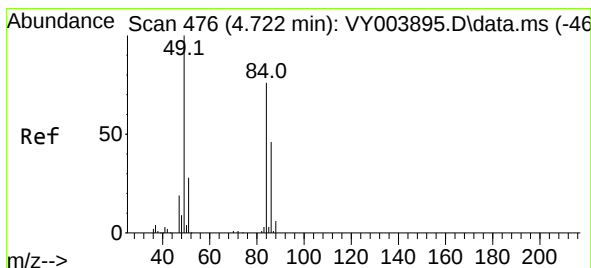
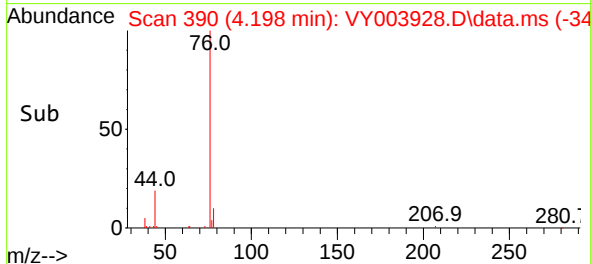
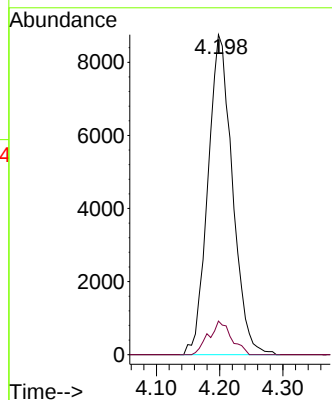
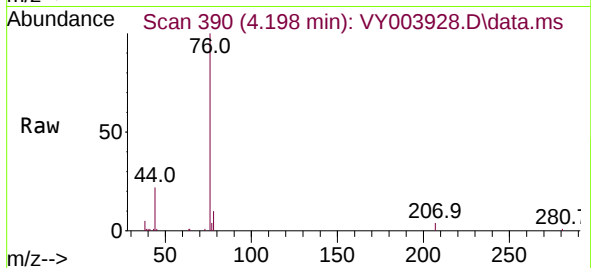




#17
Carbon Disulfide
Concen: 2.72 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

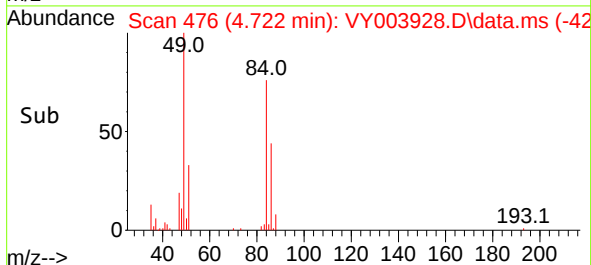
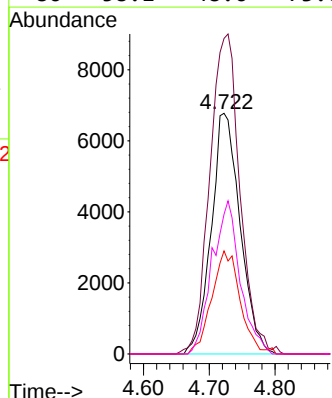
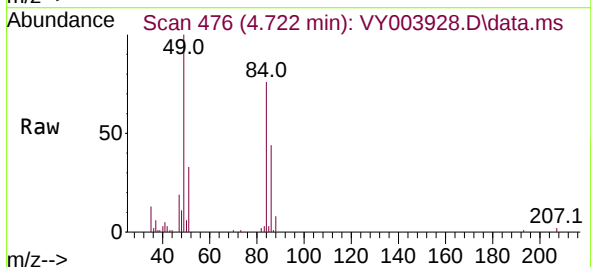
Instrument :
MSVOA_Y
ClientSampled :

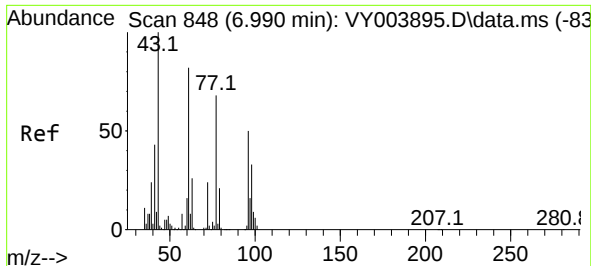
Tgt Ion: 76 Resp: 23587
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#20
Methylene Chloride
Concen: 6.54 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 84 Resp: 20702
Ion Ratio Lower Upper
84 100
49 130.3 98.0 147.0
51 42.8 30.5 45.7
86 58.1 48.6 73.0





#25

2-Butanone

Concen: 1.84 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY003928.D

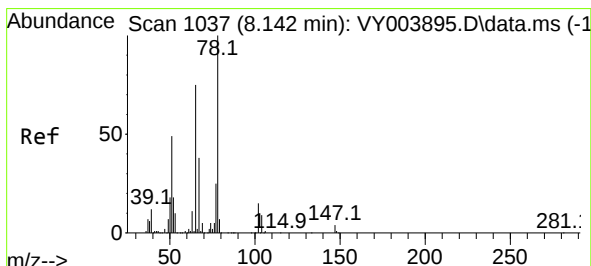
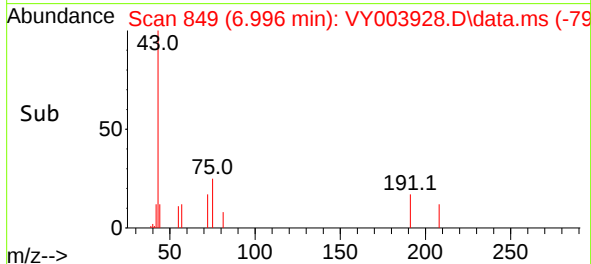
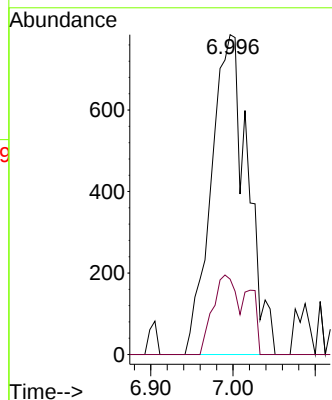
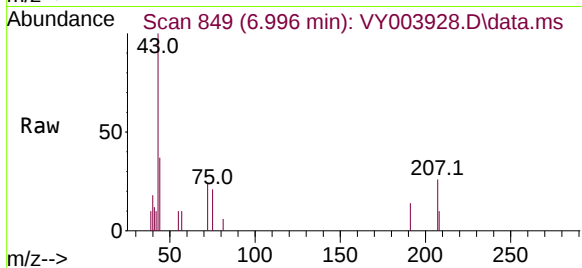
Acq: 14 Jan 2021 18:47

Tgt Ion: 43 Resp: 2417

Ion Ratio Lower Upper

43 100

72 23.6 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 44.71 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY003928.D

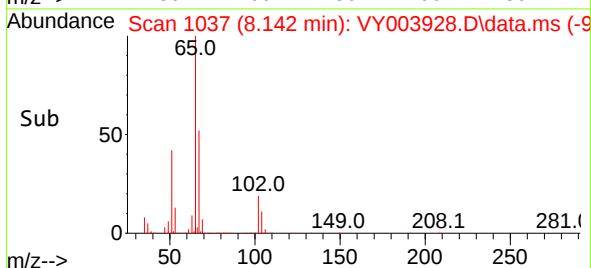
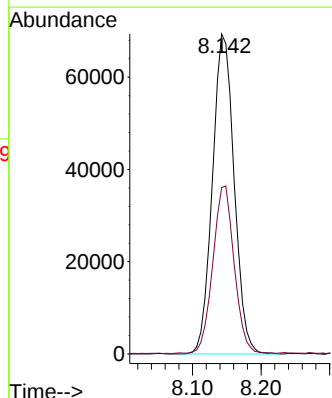
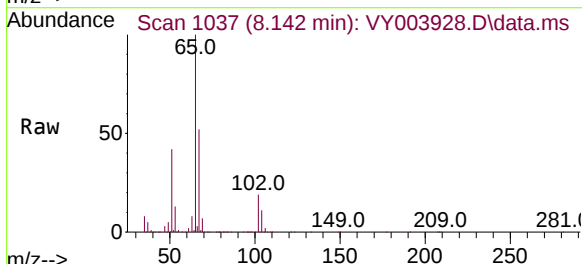
Acq: 14 Jan 2021 18:47

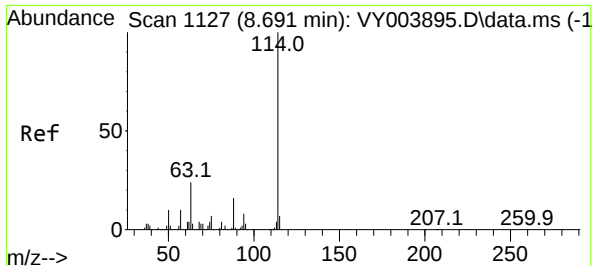
Tgt Ion: 65 Resp: 152700

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.2

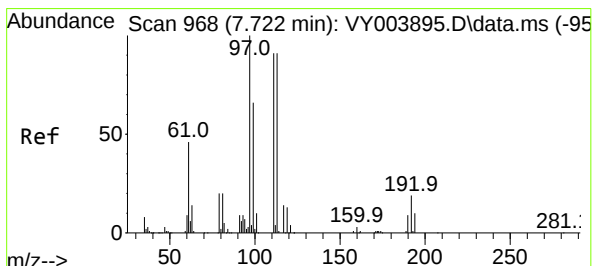
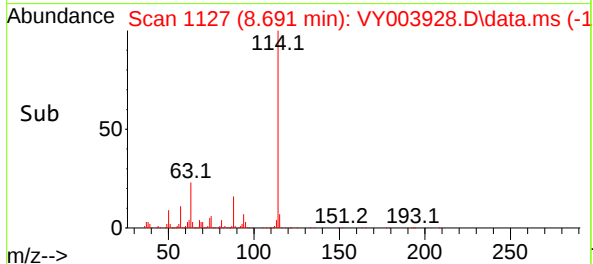
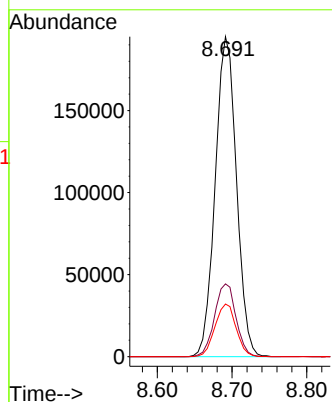
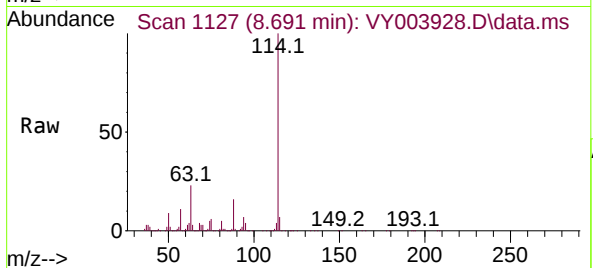




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

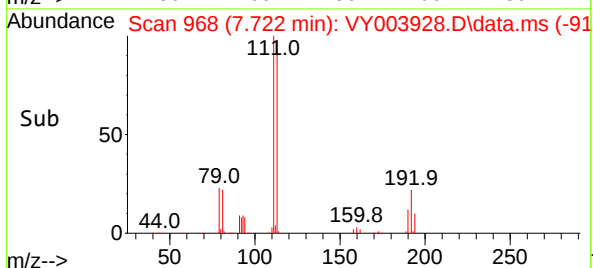
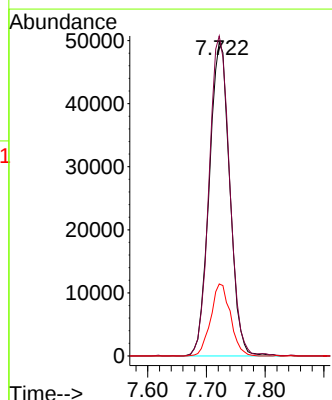
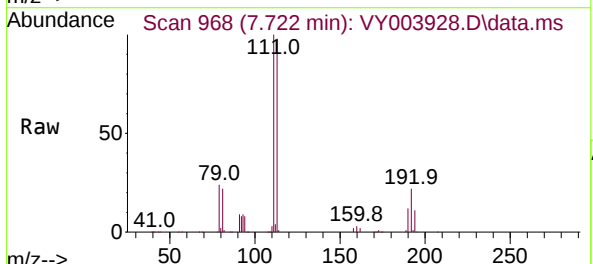
Instrument :
MSVOA_Y
ClientSampleId :

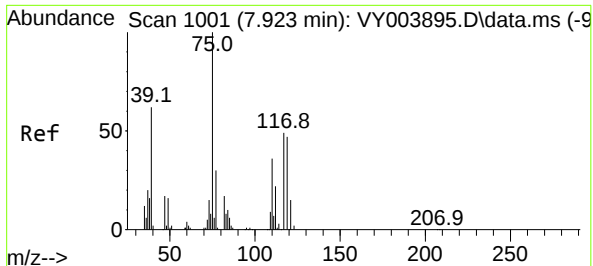
Tgt Ion:	114	Resp:	386017
Ion Ratio	Lower	Upper	
114	100		
63	22.8	0.0	38.8
88	16.4	0.0	31.4



#35
Dibromofluoromethane
Concen: 38.08 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion:	113	Resp:	120119
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.0	124.6
192	22.2	19.8	29.6

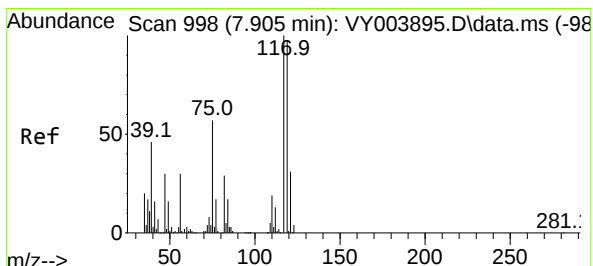
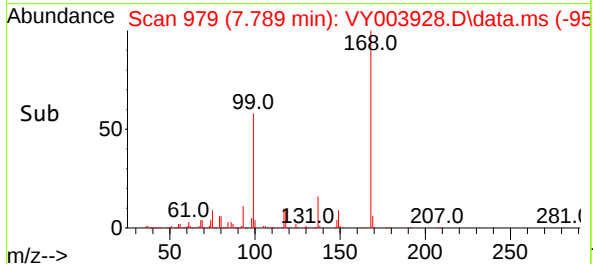
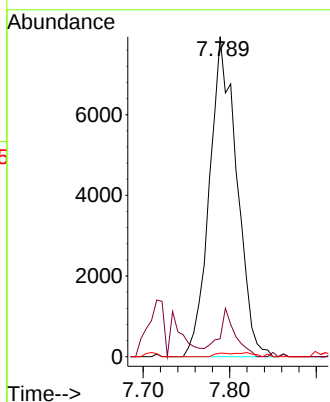
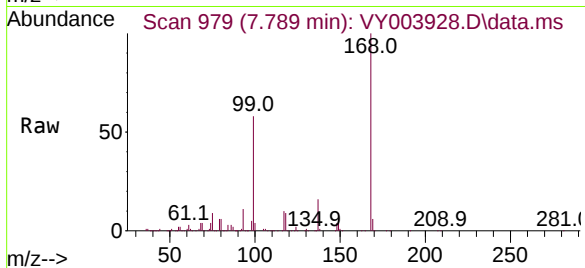




#36
1,1-Dichloropropene
Concen: 3.29 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

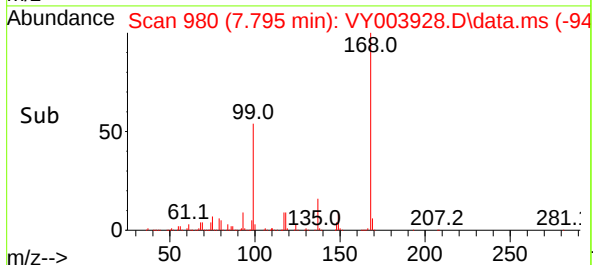
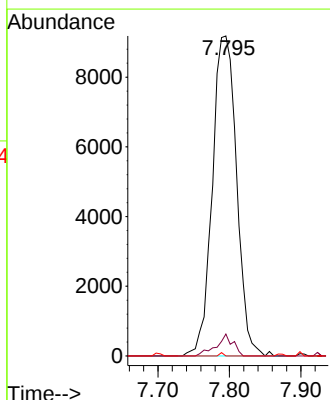
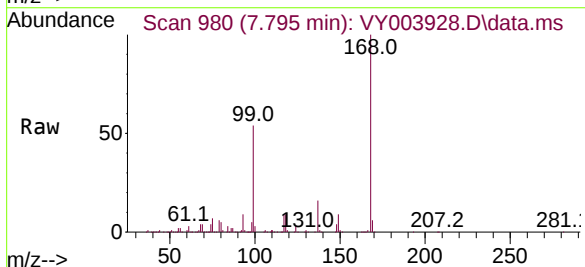
Instrument :
MSVOA_Y
ClientSampleId :

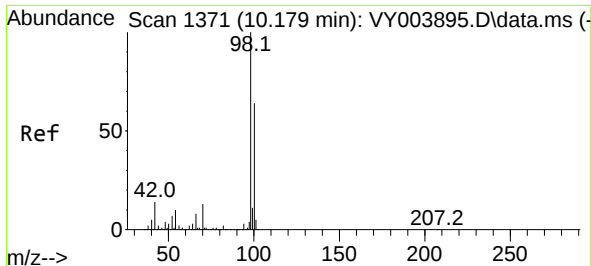
Tgt Ion: 75 Resp: 17376
Ion Ratio Lower Upper
75 100
110 9.1 17.7 53.1#
77 0.6 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 3.87 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 117 Resp: 21652
Ion Ratio Lower Upper
117 100
119 6.9 78.6 118.0#
121 0.0 25.8 38.6#

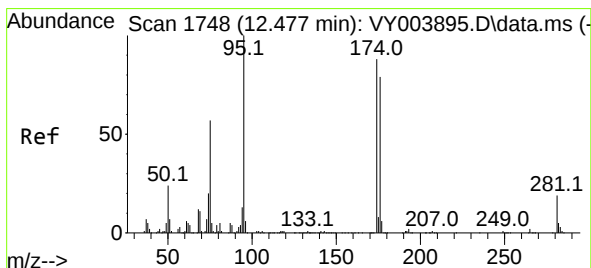
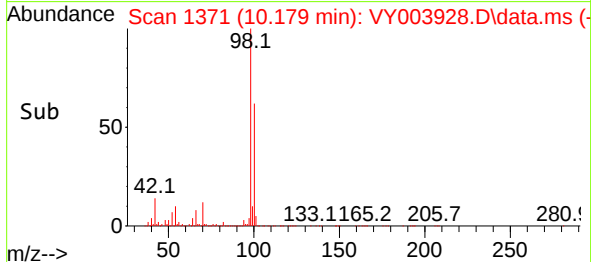
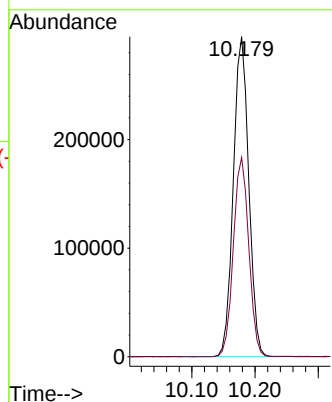
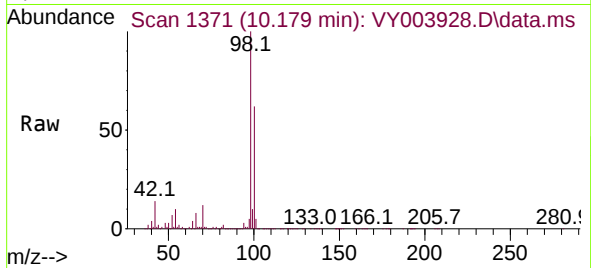




#50
Toluene-d8
Concen: 39.07 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

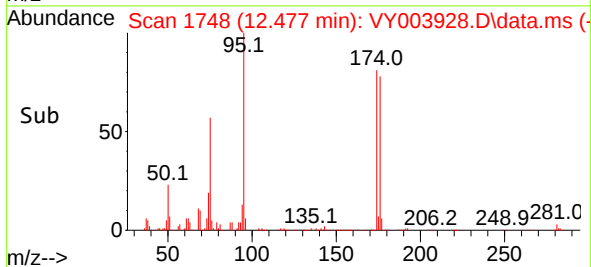
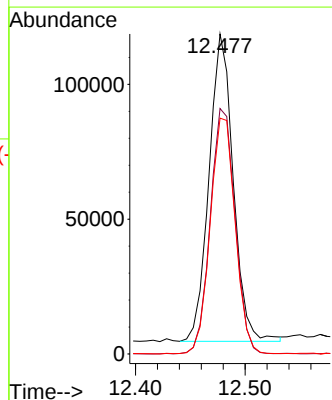
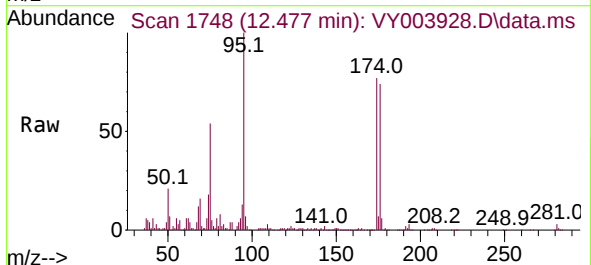
Instrument :
MSVOA_Y
ClientSampled :

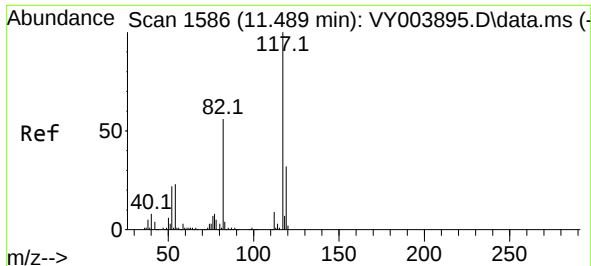
Tgt Ion: 98 Resp: 499484
Ion Ratio Lower Upper
98 100
100 62.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 37.40 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 95 Resp: 174637
Ion Ratio Lower Upper
95 100
174 82.1 0.0 193.2
176 79.6 0.0 187.0

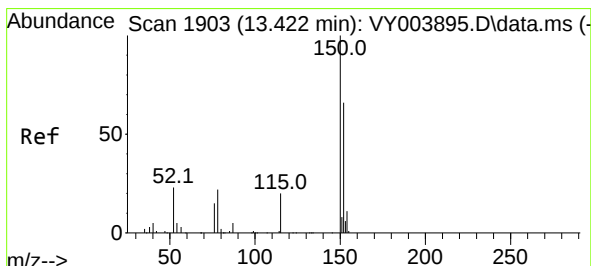
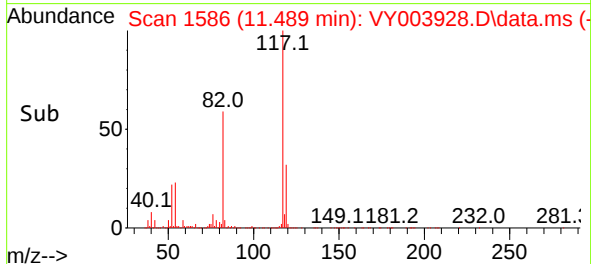
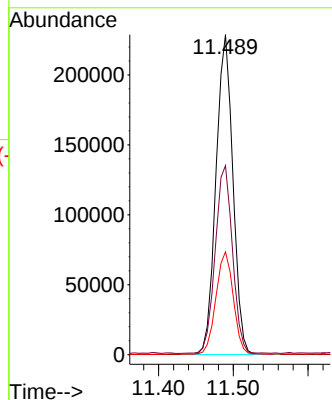
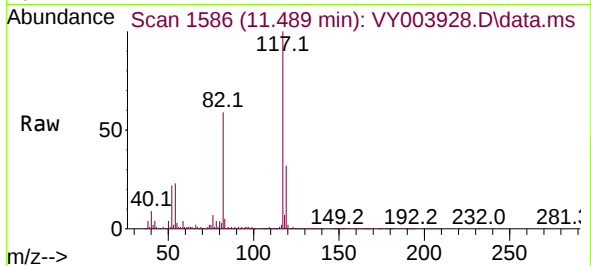




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

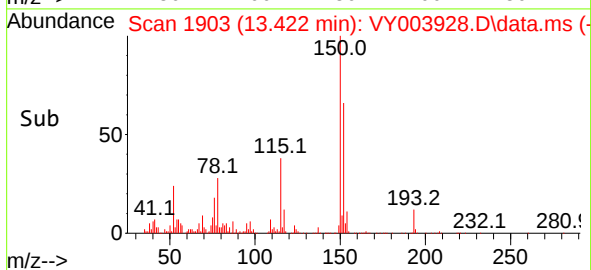
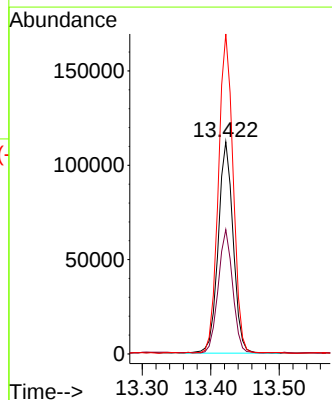
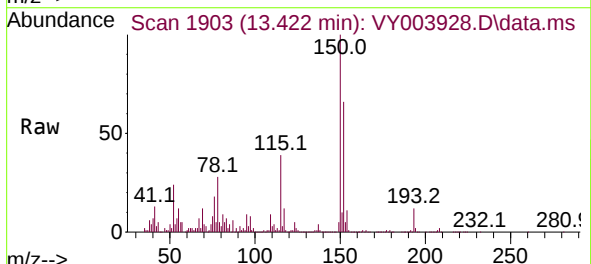
Instrument :
MSVOA_Y
ClientSampleId :

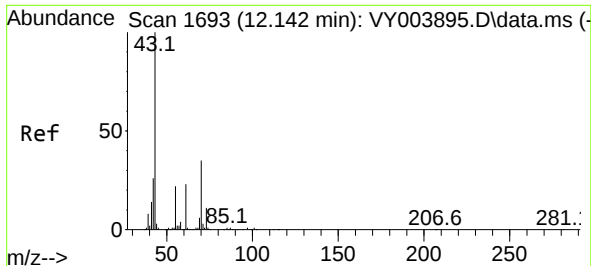
Tgt Ion:117 Resp: 358894
Ion Ratio Lower Upper
117 100
82 58.7 43.9 65.9
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion:152 Resp: 168498
Ion Ratio Lower Upper
152 100
115 56.4 27.9 83.7
150 149.2 0.0 356.4

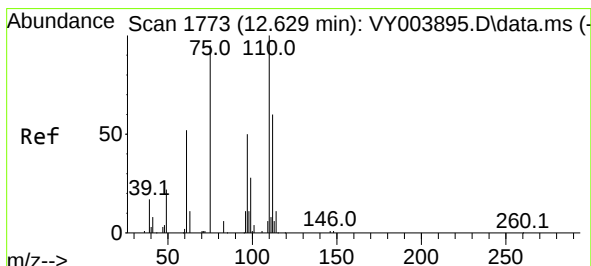
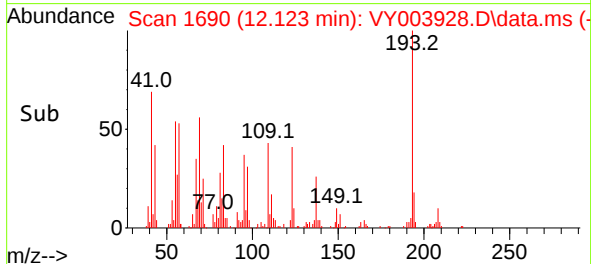
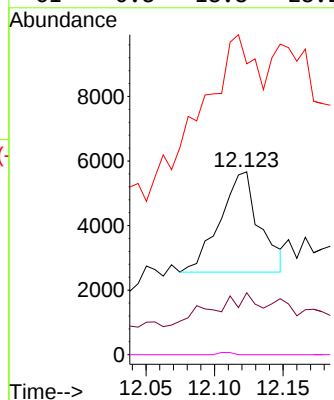
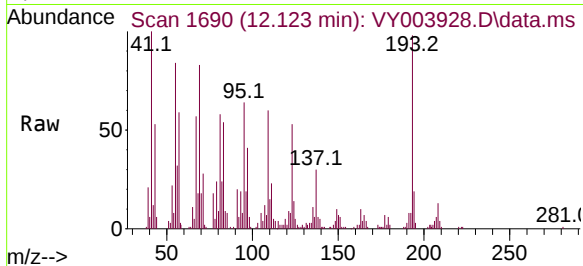




#74
N-amy1 acetate
Concen: 1.15 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

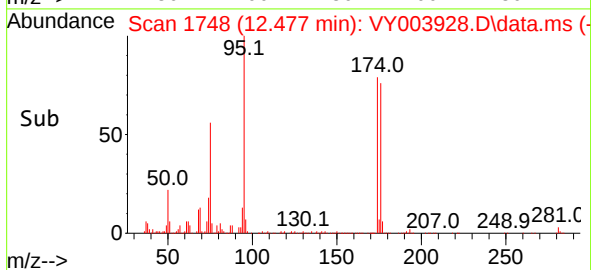
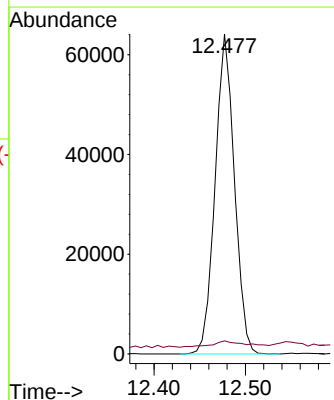
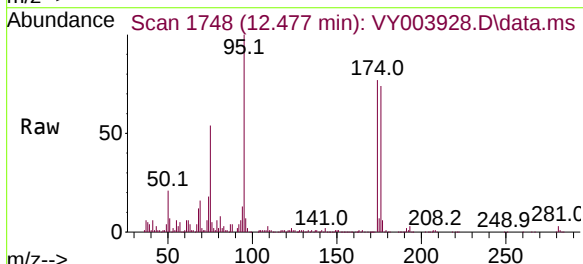
Instrument :
MSVOA_Y
ClientSampleId :

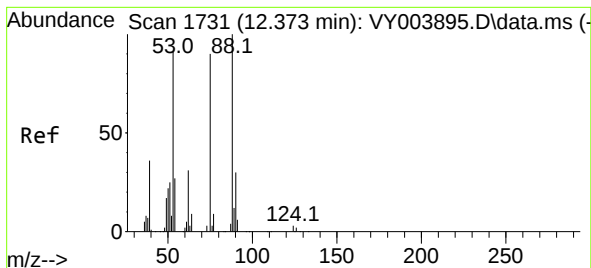
Tgt Ion:	43	Resp:	6228
Ion	Ratio	Lower	Upper
43	100		
70	38.4	33.0	49.6
55	247.7	19.6	29.4#
61	0.8	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 41.29 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion:	75	Resp:	94081
Ion	Ratio	Lower	Upper
75	100		
77	3.5	0.0	0.0#

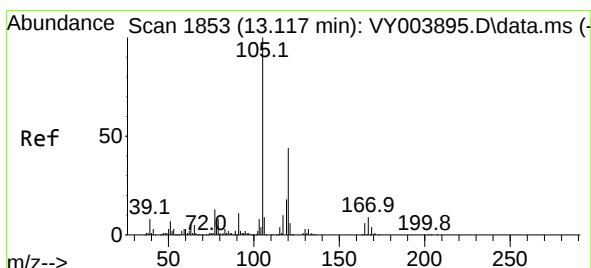
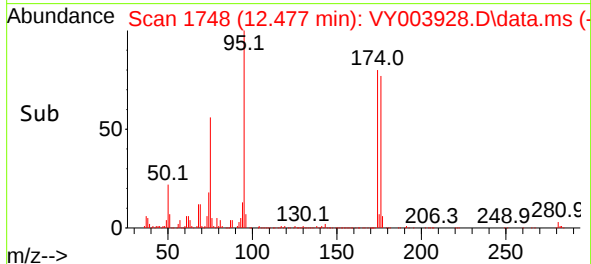
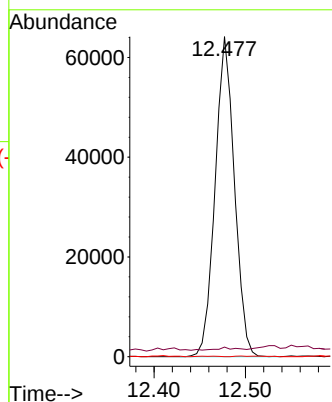
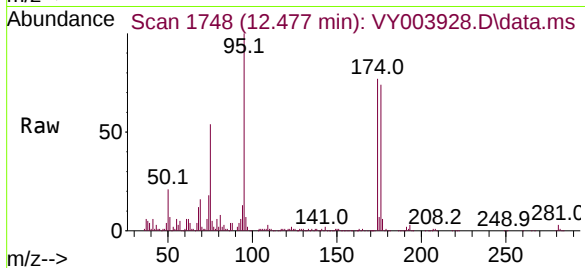




#81
trans-1,4-Dichloro-2-butene
Concen: 78.39 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

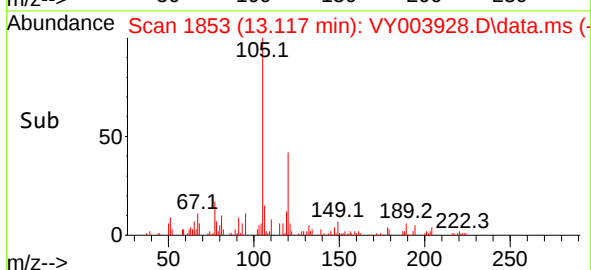
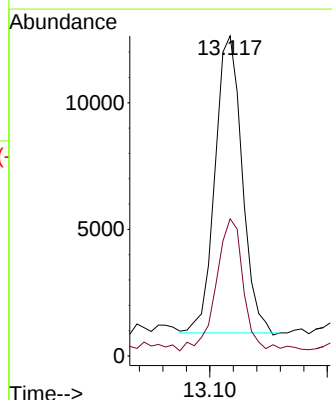
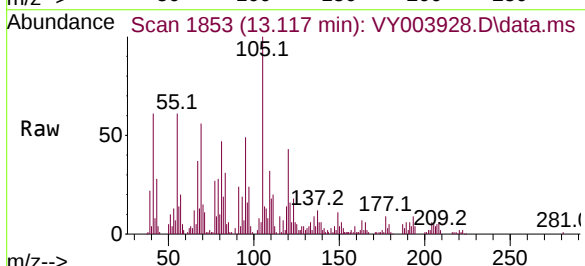
Instrument :
MSVOA_Y
ClientSampleId :

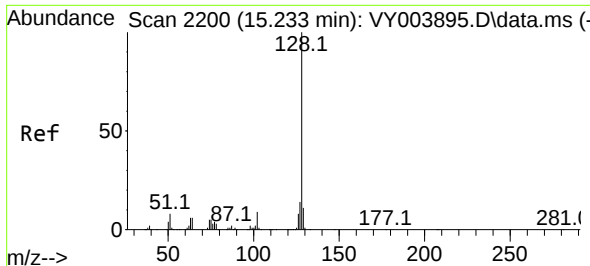
Tgt Ion: 75 Resp: 94081
Ion Ratio Lower Upper
75 100
53 0.7 75.0 112.6#
89 0.2 0.0 0.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.44 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion: 105 Resp: 18748
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5

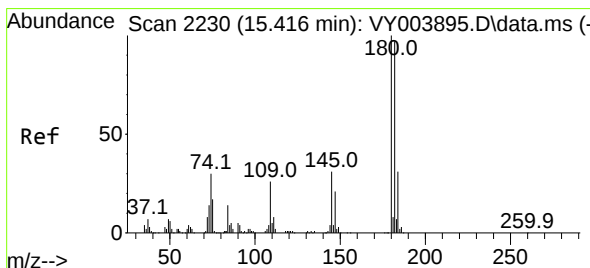
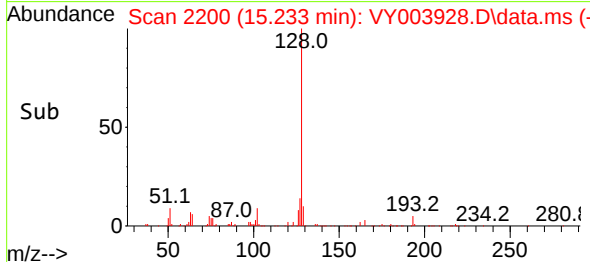
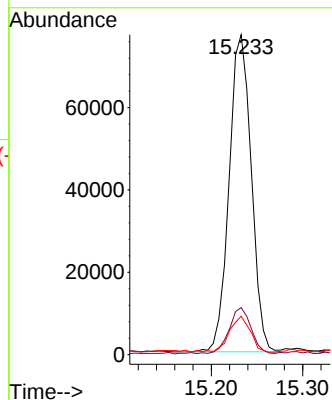
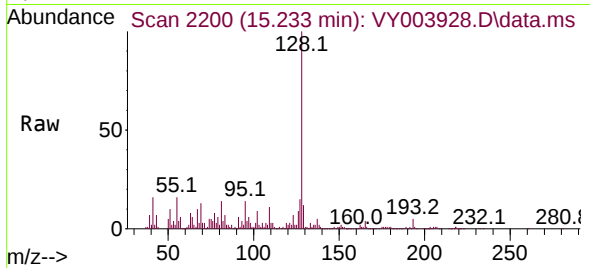




#95
Naphthalene
Concen: 15.00 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:128 Resp: 129795
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.09 ug/l
RT: 15.385 min Scan# 2225
Delta R.T. -0.030 min
Lab File: VY003928.D
Acq: 14 Jan 2021 18:47

Tgt Ion:180 Resp: 4426
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.4#
145 88.3 14.8 44.4#

