

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003905.D
 Acq On : 12 Jan 2021 16:53
 Operator : SY/MD
 Sample : M1076-01
 Misc : 6.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-011121

Quant Time: Jan 13 02:34:19 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)

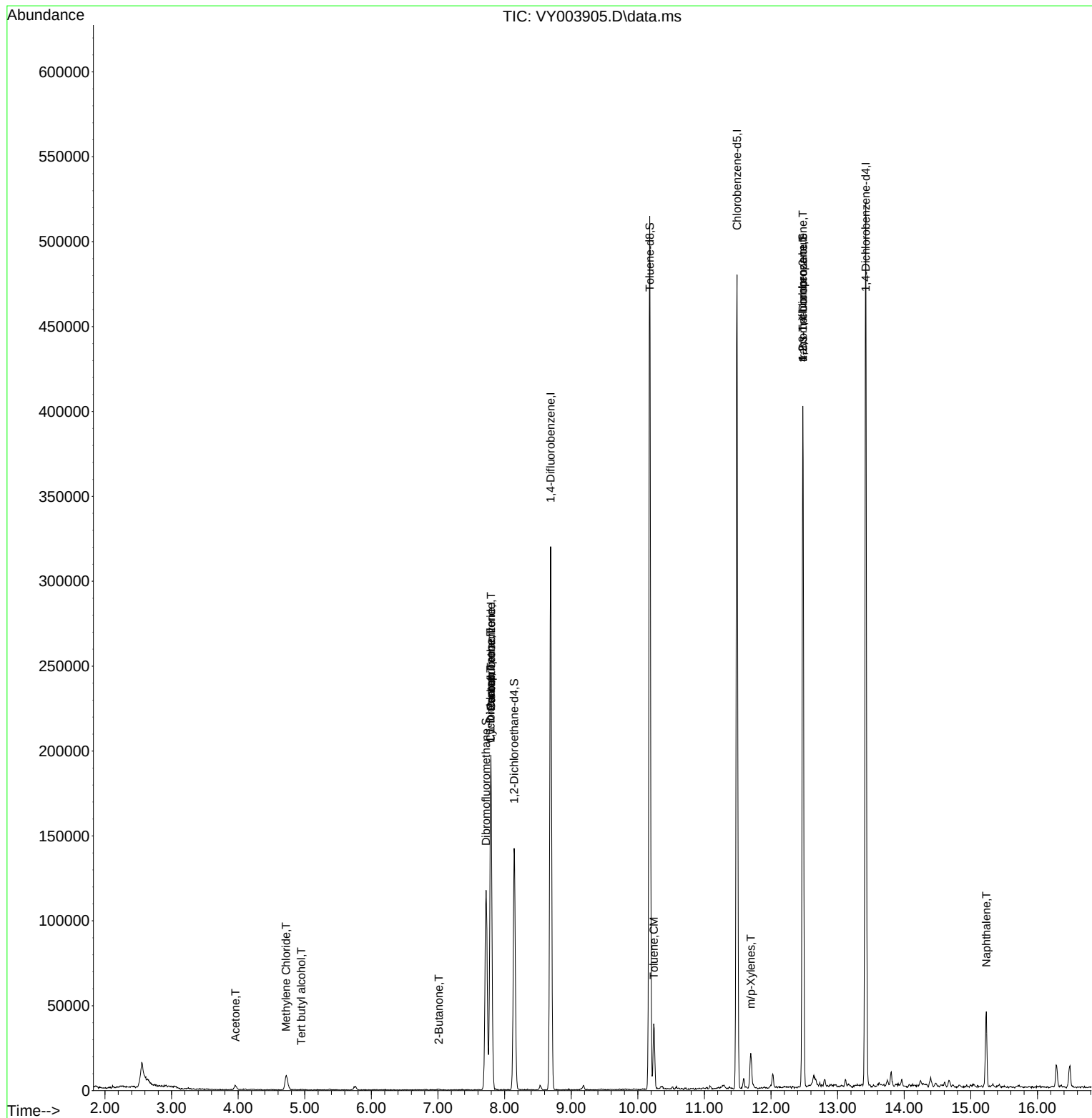
Internal Standards						
1) Pentafluorobenzene	7.795	168	144798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108018	48.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.06%		
35) Dibromofluoromethane	7.722	113	79153	39.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.80%		
50) Toluene-d8	10.179	98	309776	38.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.06%		
62) 4-Bromofluorobenzene	12.477	95	113063	38.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.02%		
Target Compounds						Qvalue
3) Chloromethane	2.113	50	679	Below Cal		92
11) Tert butyl alcohol	4.948	59	361	1.54 ug/l #		73
16) Acetone	3.960	43	4246	7.63 ug/l		96
20) Methylene Chloride	4.716	84	5490	2.63 ug/l		94
25) 2-Butanone	7.015	43	912	1.05 ug/l		95
31) Cyclohexane	7.789	56	3781	1.00 ug/l #		43
36) 1,1-Dichloropropene	7.789	75	11283	3.40 ug/l #		49
38) Carbon Tetrachloride	7.795	117	14328	4.07 ug/l #		15
52) Toluene	10.240	92	14824	2.57 ug/l		98
68) m/p-Xylenes	11.697	106	5770	1.33 ug/l		97
76) 1,2,3-Trichloropropane	12.477	75	65200	39.66 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	65200	75.29 ug/l #		3
95) Naphthalene	15.233	128	33149	5.31 ug/l		100

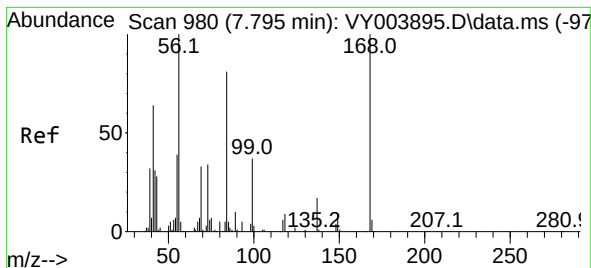
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003905.D
Acq On : 12 Jan 2021 16:53
Operator : SY/MD
Sample : M1076-01
Misc : 6.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

Quant Time: Jan 13 02:34:19 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: VY003905.D

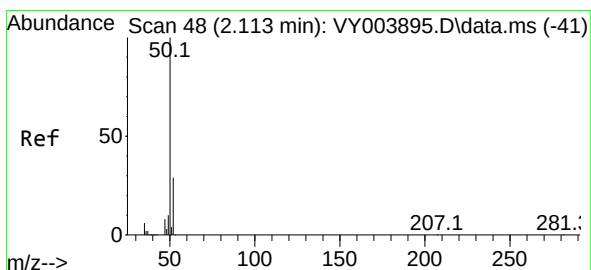
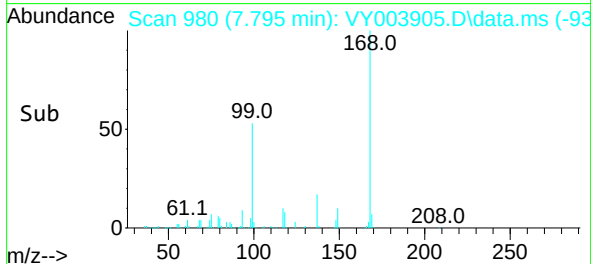
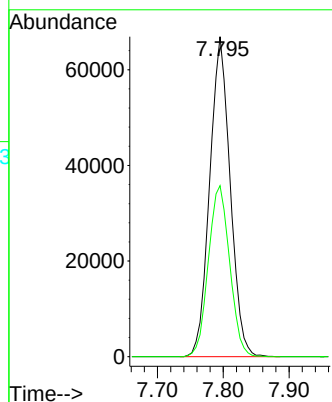
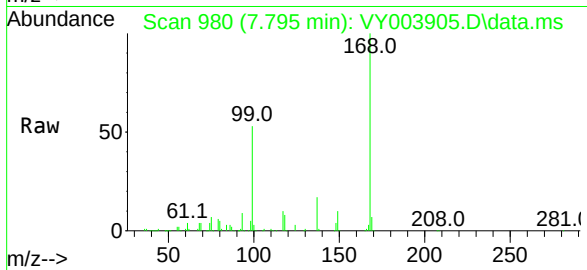
Acq: 12 Jan 2021 16:53

Tgt Ion:168 Resp: 144798

Ion Ratio Lower Upper

168 100

99 53.5 40.4 60.6



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY003905.D

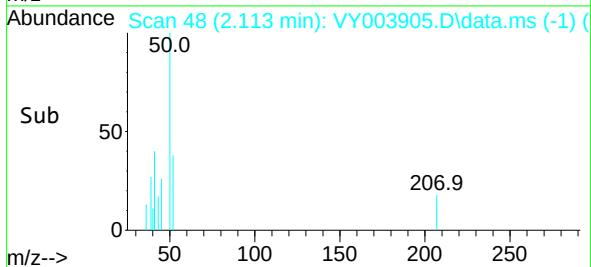
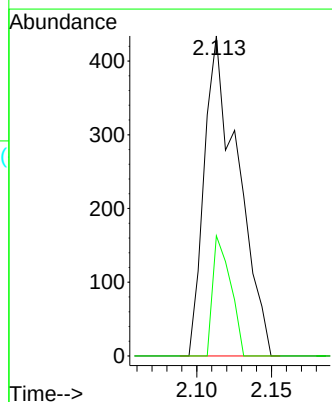
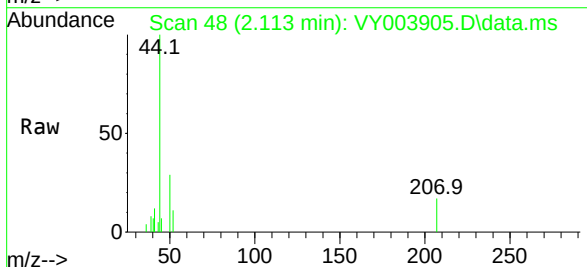
Acq: 12 Jan 2021 16:53

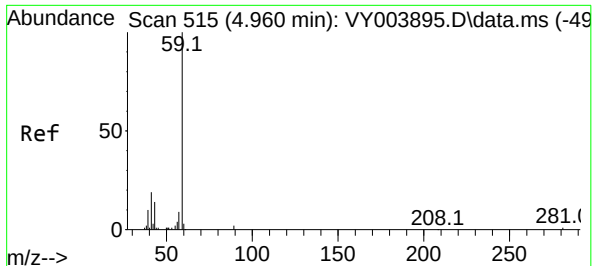
Tgt Ion: 50 Resp: 679

Ion Ratio Lower Upper

50 100

52 37.6 26.6 40.0

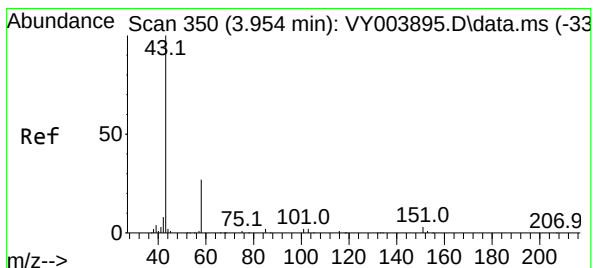
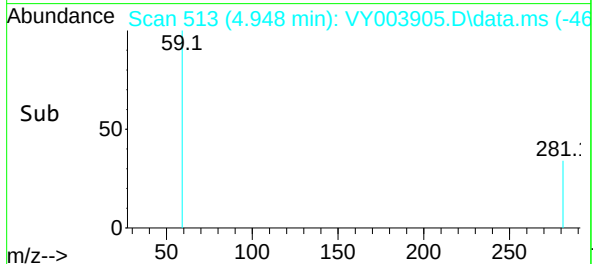
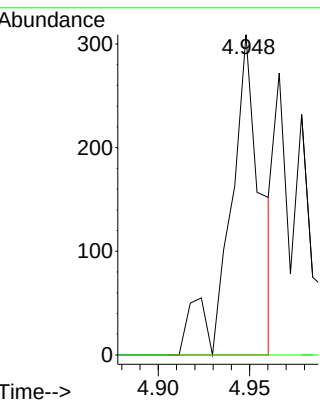
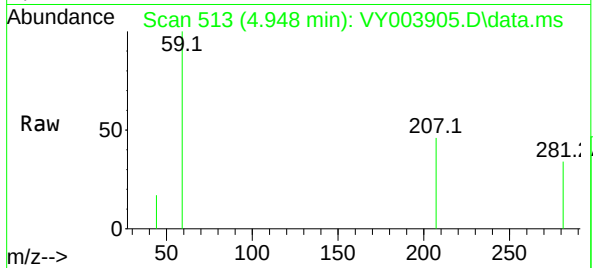




#11
Tert butyl alcohol
Concen: 1.54 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

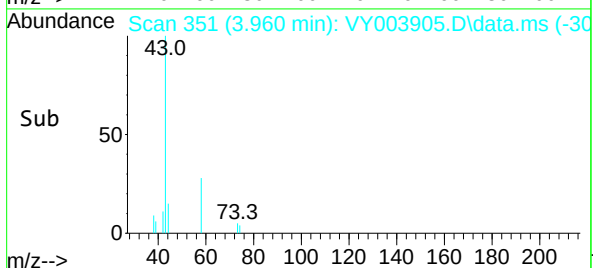
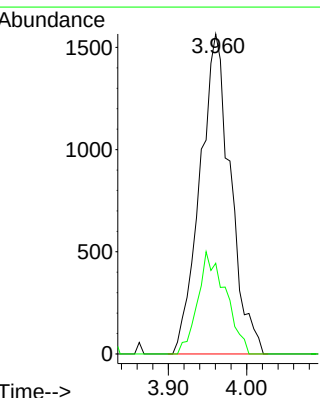
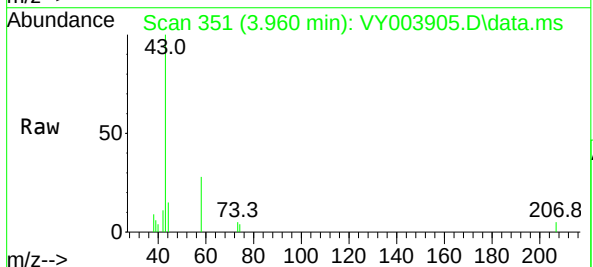
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

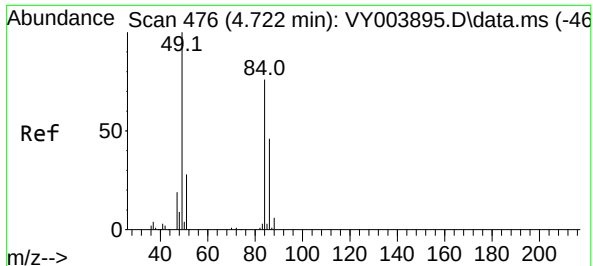
Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 7.63 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

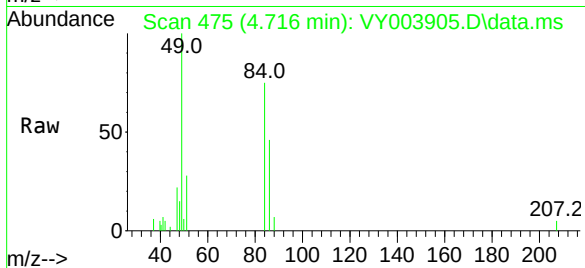
Tgt Ion: 43 Resp: 4246
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7



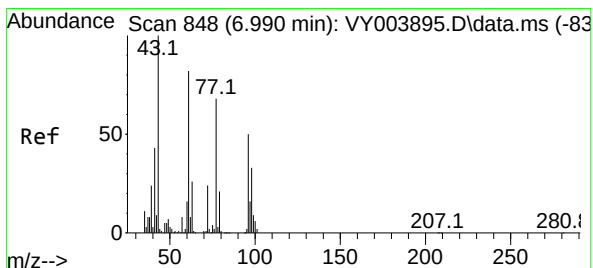
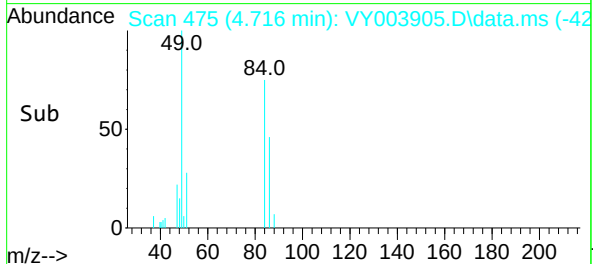
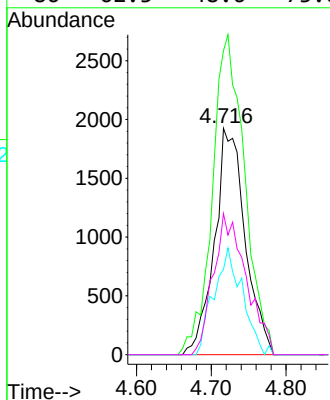


#20
Methylene Chloride
Concen: 2.63 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

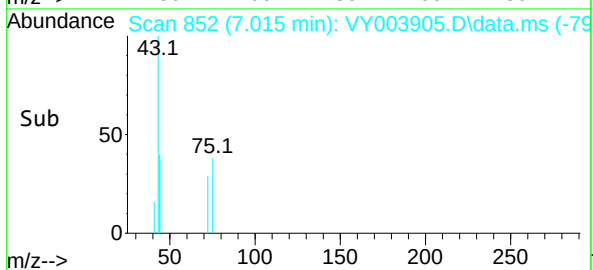
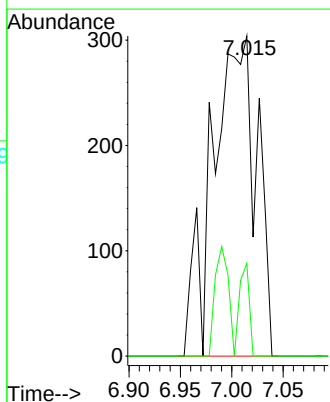
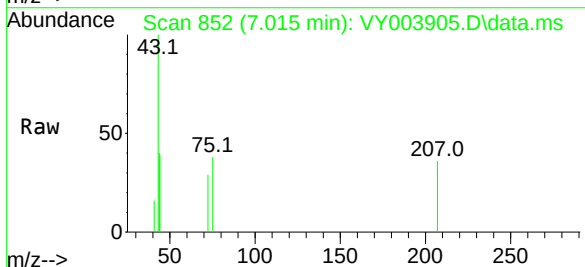


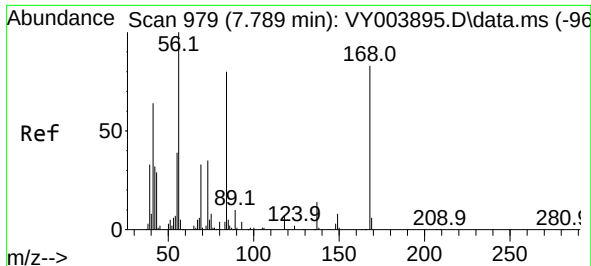
Tgt Ion: 84	Resp: 5490
Ion Ratio	Lower Upper
84 100	
49 134.2	98.0 147.0
51 37.6	30.5 45.7
86 62.3	48.6 73.0



#25
2-Butanone
Concen: 1.05 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.024 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion: 43	Resp: 912		
Ion Ratio	Lower	Upper	
43 100			
72 28.9	21.0	31.6	

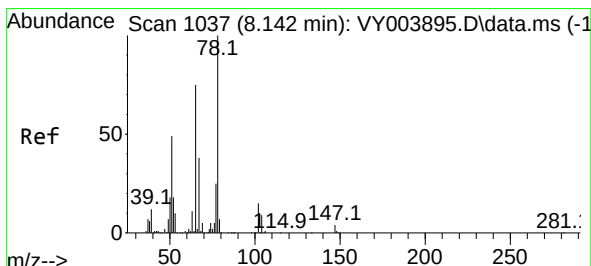
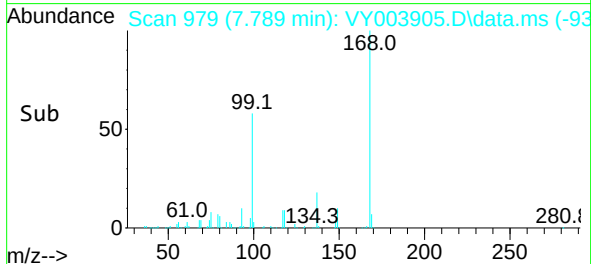
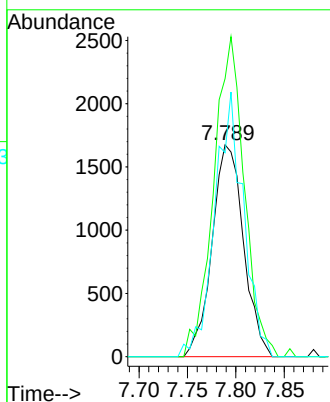
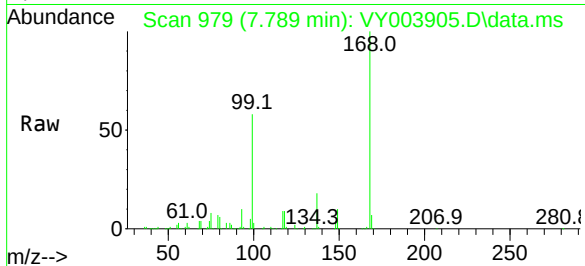




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

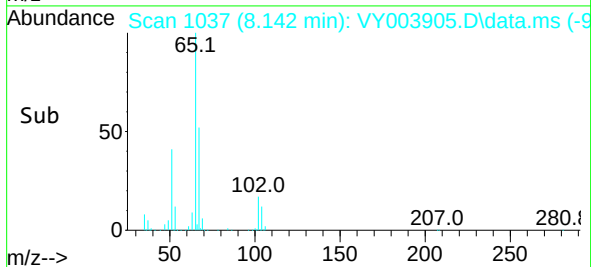
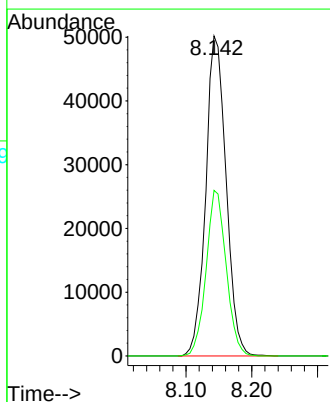
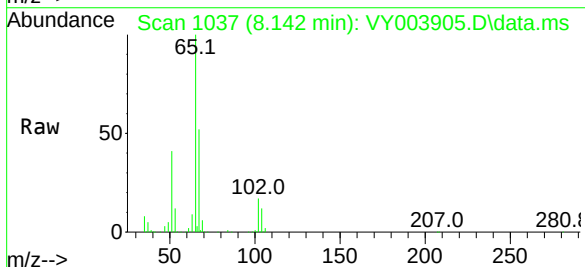
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

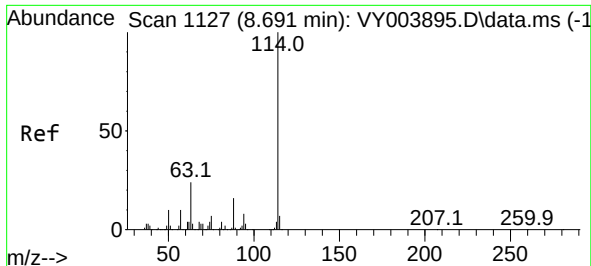
Tgt Ion: 56 Resp: 3781
Ion Ratio Lower Upper
56 100
69 131.3 26.2 39.2#
84 96.3 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 48.03 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion: 65 Resp: 108018
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

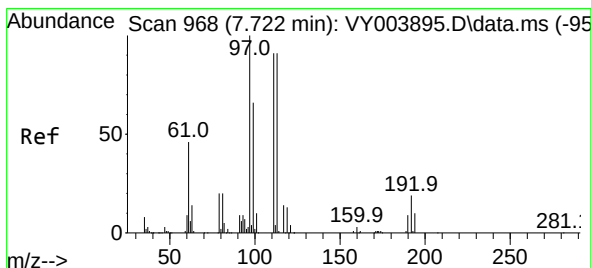
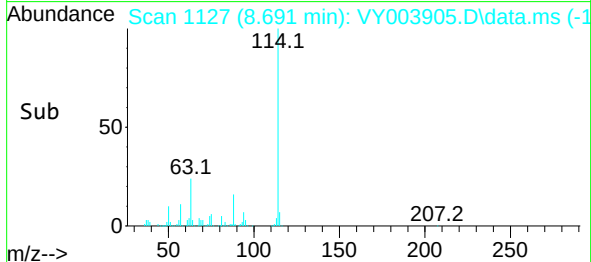
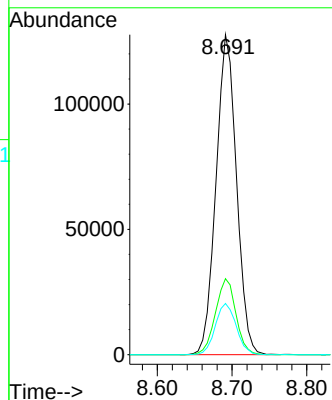
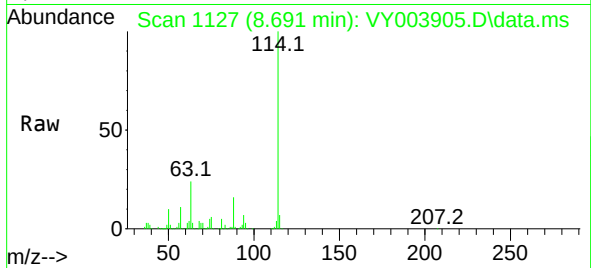




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

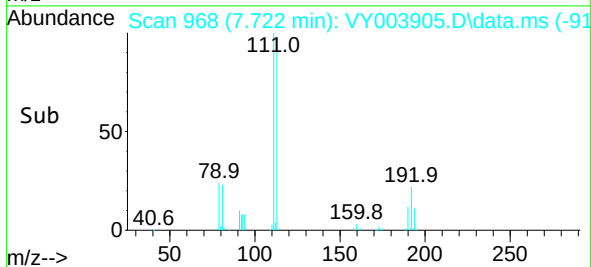
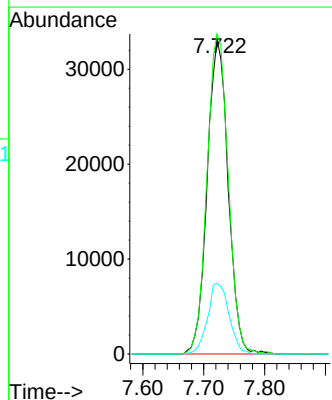
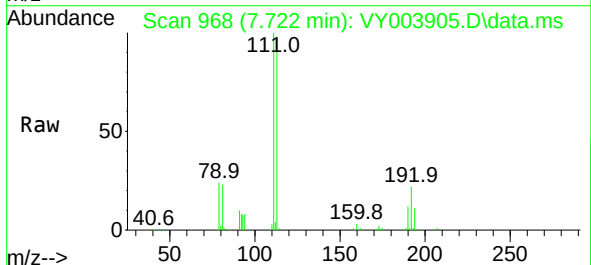
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

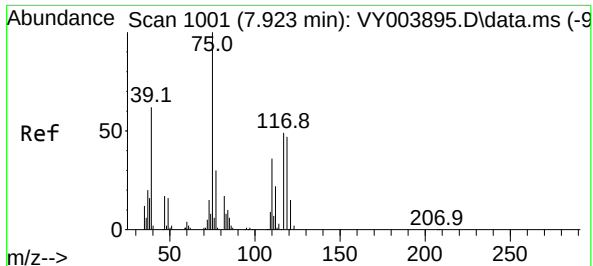
Tgt Ion:114 Resp: 242756
Ion Ratio Lower Upper
114 100
63 23.7 0.0 38.8
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 39.90 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion:113 Resp: 79153
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 23.0 19.8 29.6

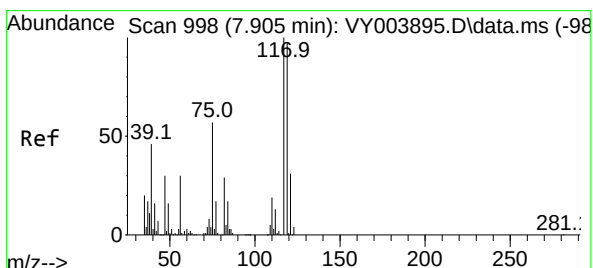
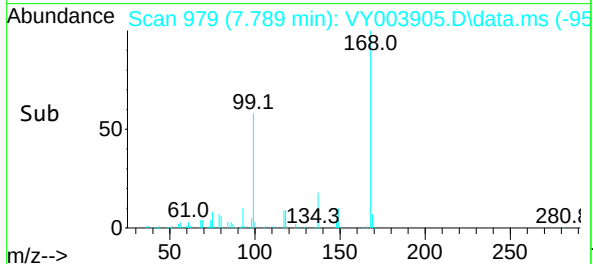
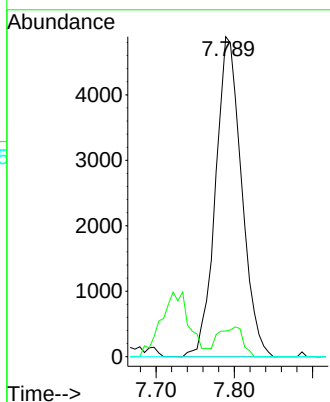
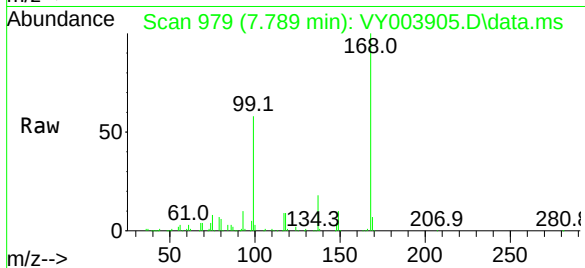




#36
1,1-Dichloropropene
Concen: 3.40 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

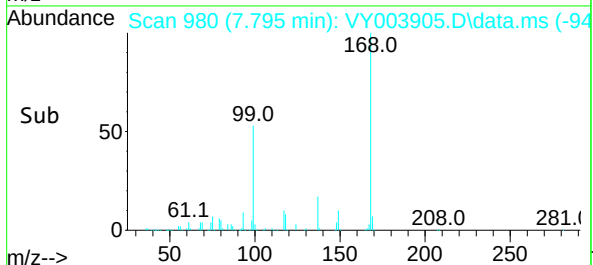
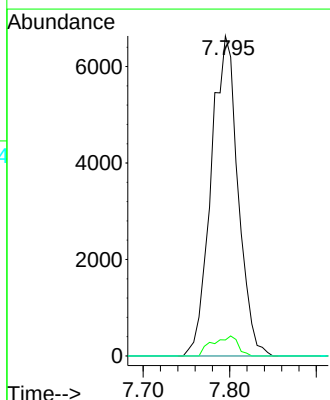
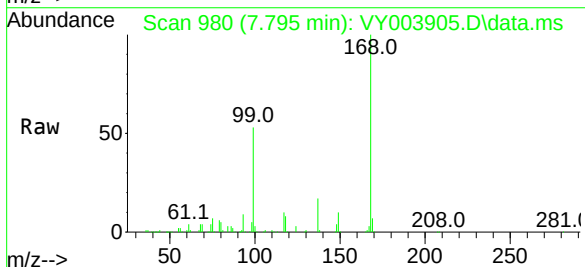
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

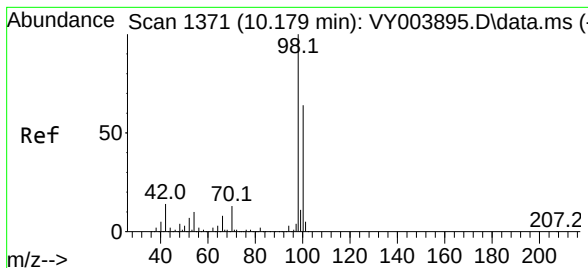
Tgt Ion: 75 Resp: 11283
Ion Ratio Lower Upper
75 100
110 8.6 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion: 117 Resp: 14328
Ion Ratio Lower Upper
117 100
119 5.0 78.6 118.0#
121 0.0 25.8 38.6#

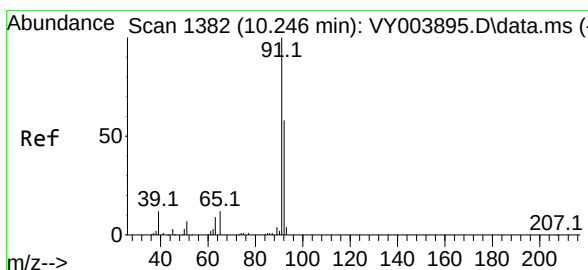
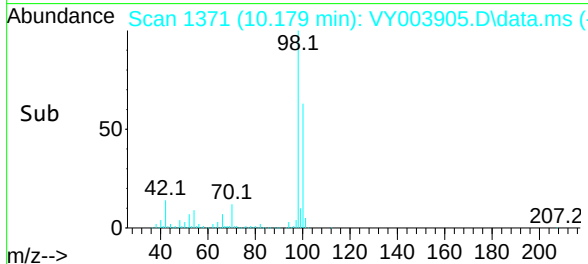
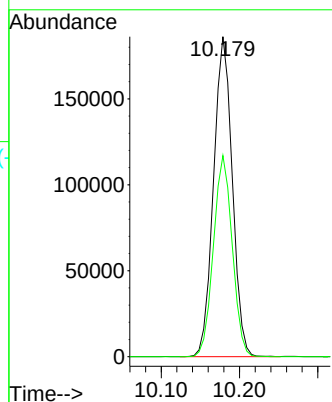
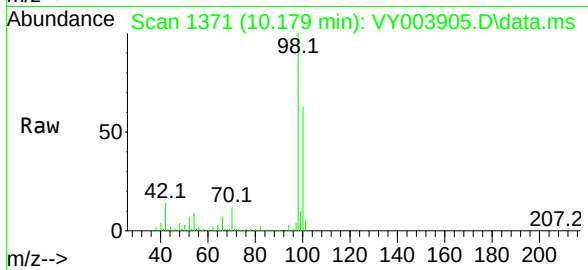




#50
Toluene-d8
Concen: 38.53 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

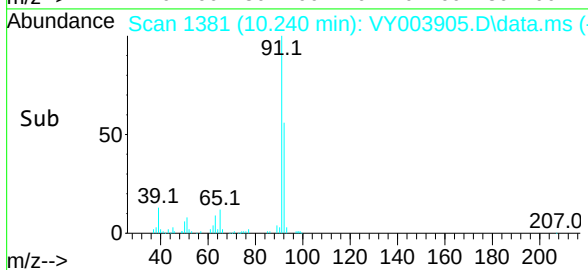
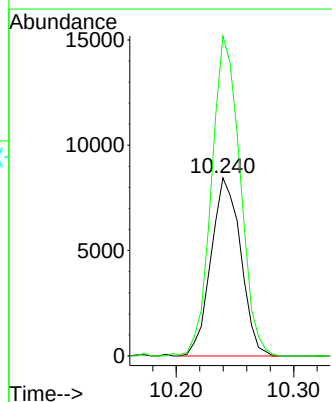
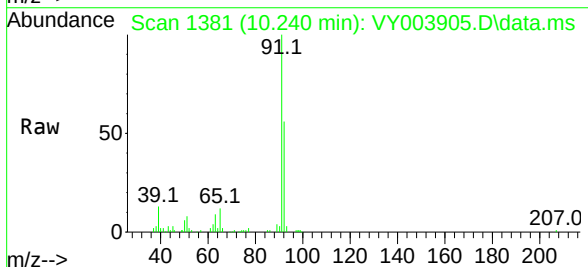
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

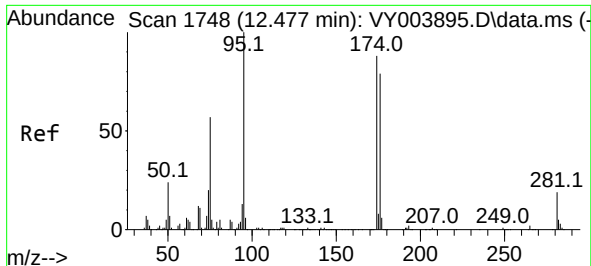
Tgt Ion: 98 Resp: 309776
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.0



#52
Toluene
Concen: 2.57 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion: 92 Resp: 14824
Ion Ratio Lower Upper
92 100
91 173.3 140.7 211.1

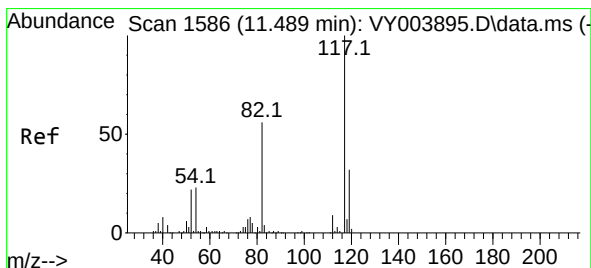
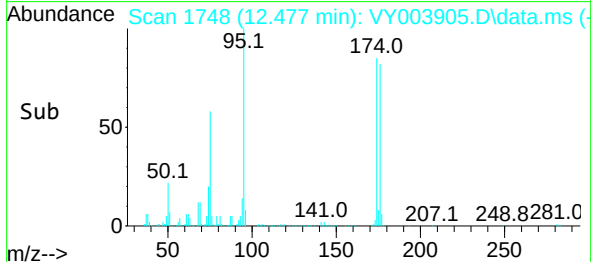
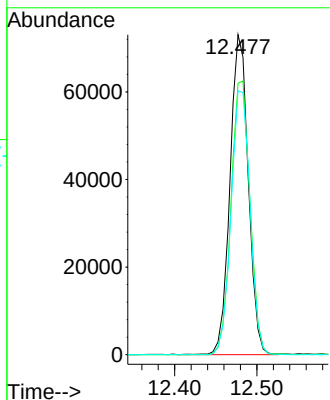
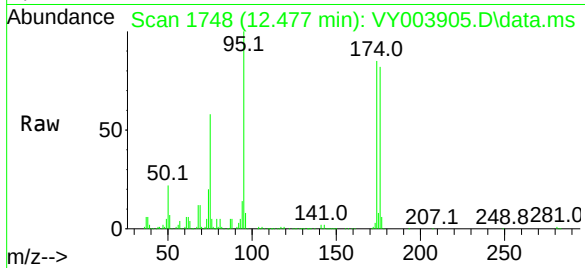




#62
4-Bromofluorobenzene
Concen: 38.51 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

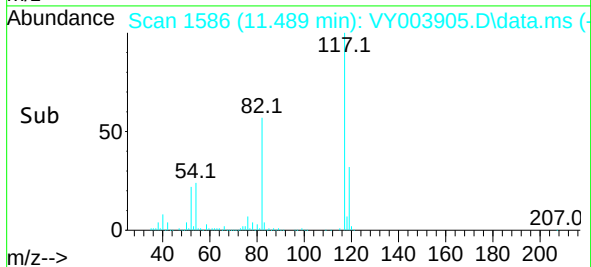
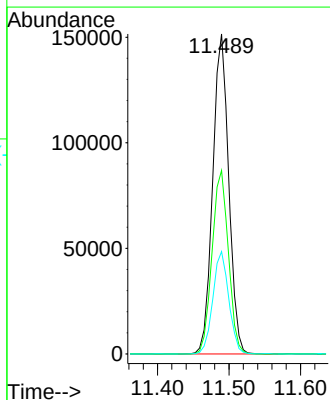
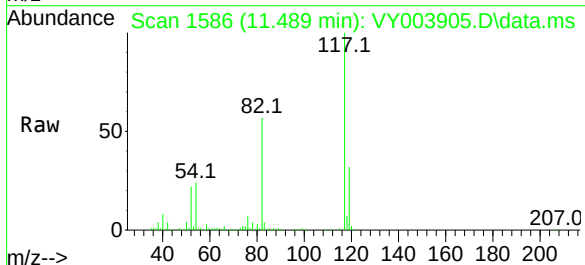
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

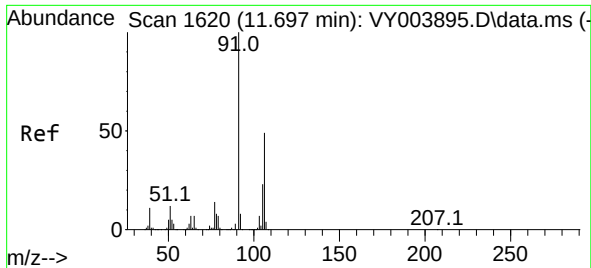
Tgt Ion:	95	Resp:	113063
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	193.2
176	85.6	0.0	187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion:	117	Resp:	234767
Ion Ratio	Lower	Upper	
117	100		
82	57.4	43.9	65.9
119	32.0	26.2	39.4

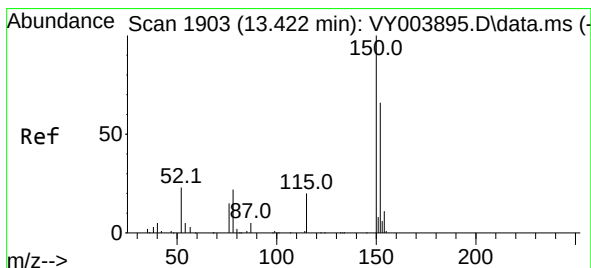
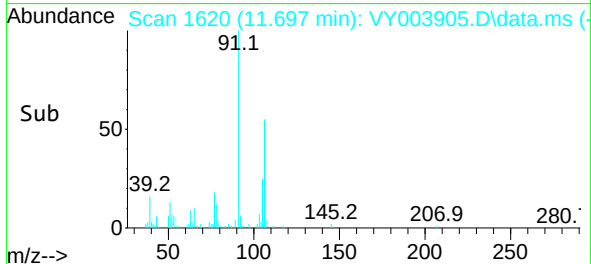
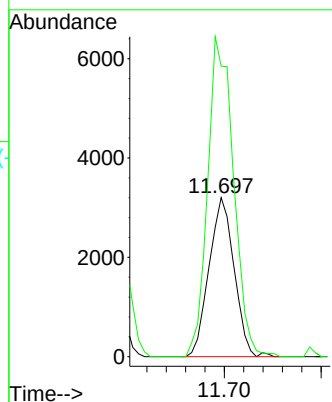
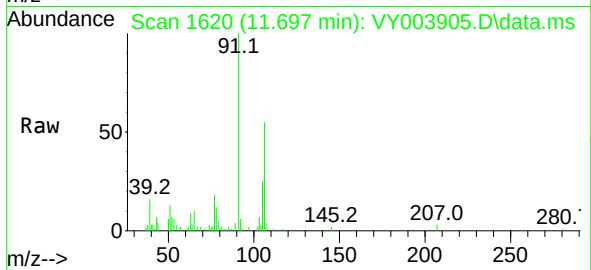




#68
m/p-Xylenes
Concen: 1.33 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

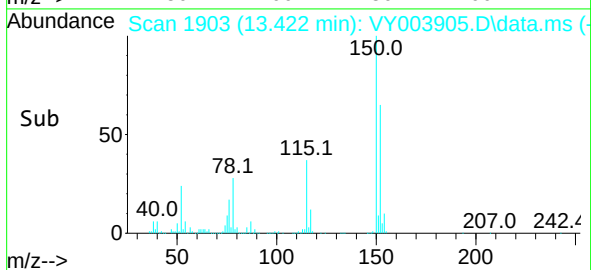
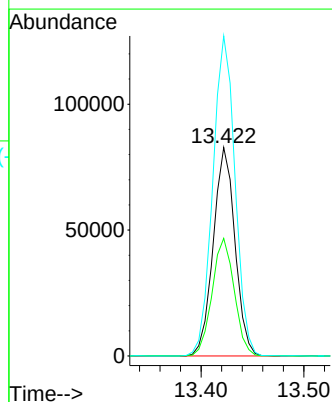
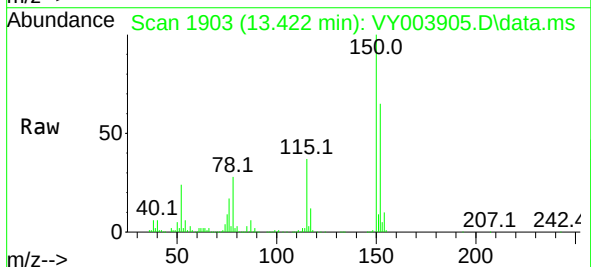
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

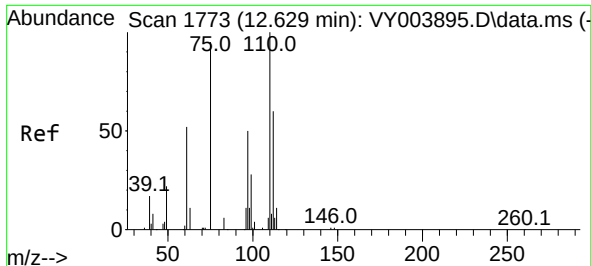
Tgt Ion:106 Resp: 5770
Ion Ratio Lower Upper
106 100
91 207.7 162.2 243.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion:152 Resp: 121570
Ion Ratio Lower Upper
152 100
115 57.4 27.9 83.7
150 157.1 0.0 356.4

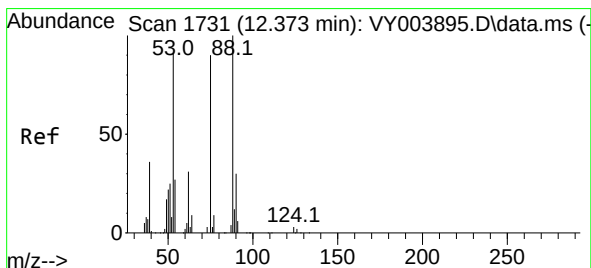
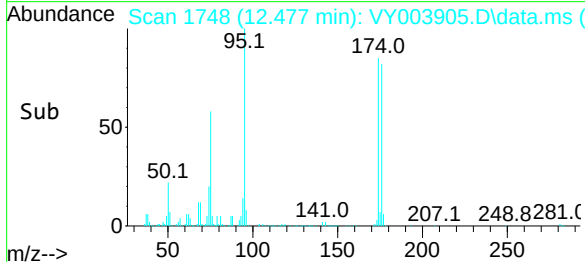
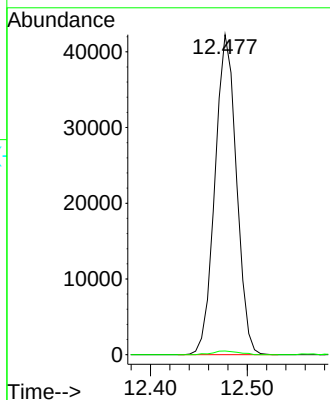
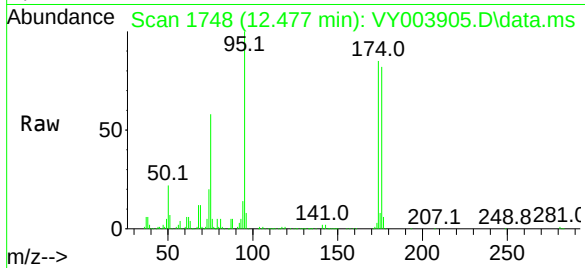




#76
1,2,3-Trichloropropane
Concen: 39.66 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

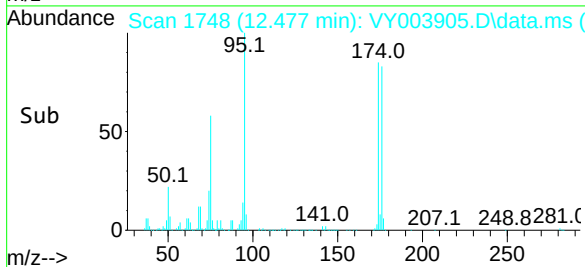
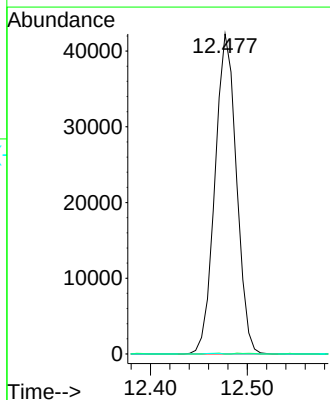
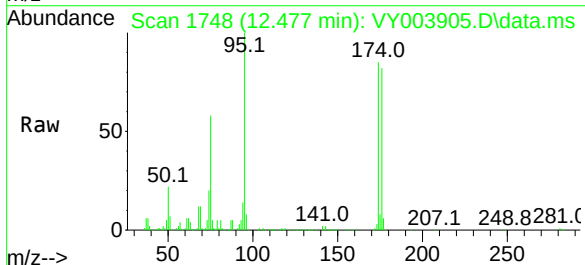
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

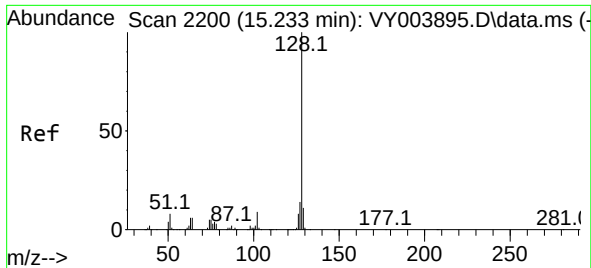
Tgt Ion: 75 Resp: 65200
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.29 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Tgt Ion: 75 Resp: 65200
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 0.1 0.0 0.0#





#95
Naphthalene
Concen: 5.31 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003905.D
Acq: 12 Jan 2021 16:53

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011121

Tgt Ion:128 Resp: 33149
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.7 13.1

