

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007376.D
 Acq On : 03 Feb 2022 15:17
 Operator : SY/MD
 Sample : N1381-06
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 08:40:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

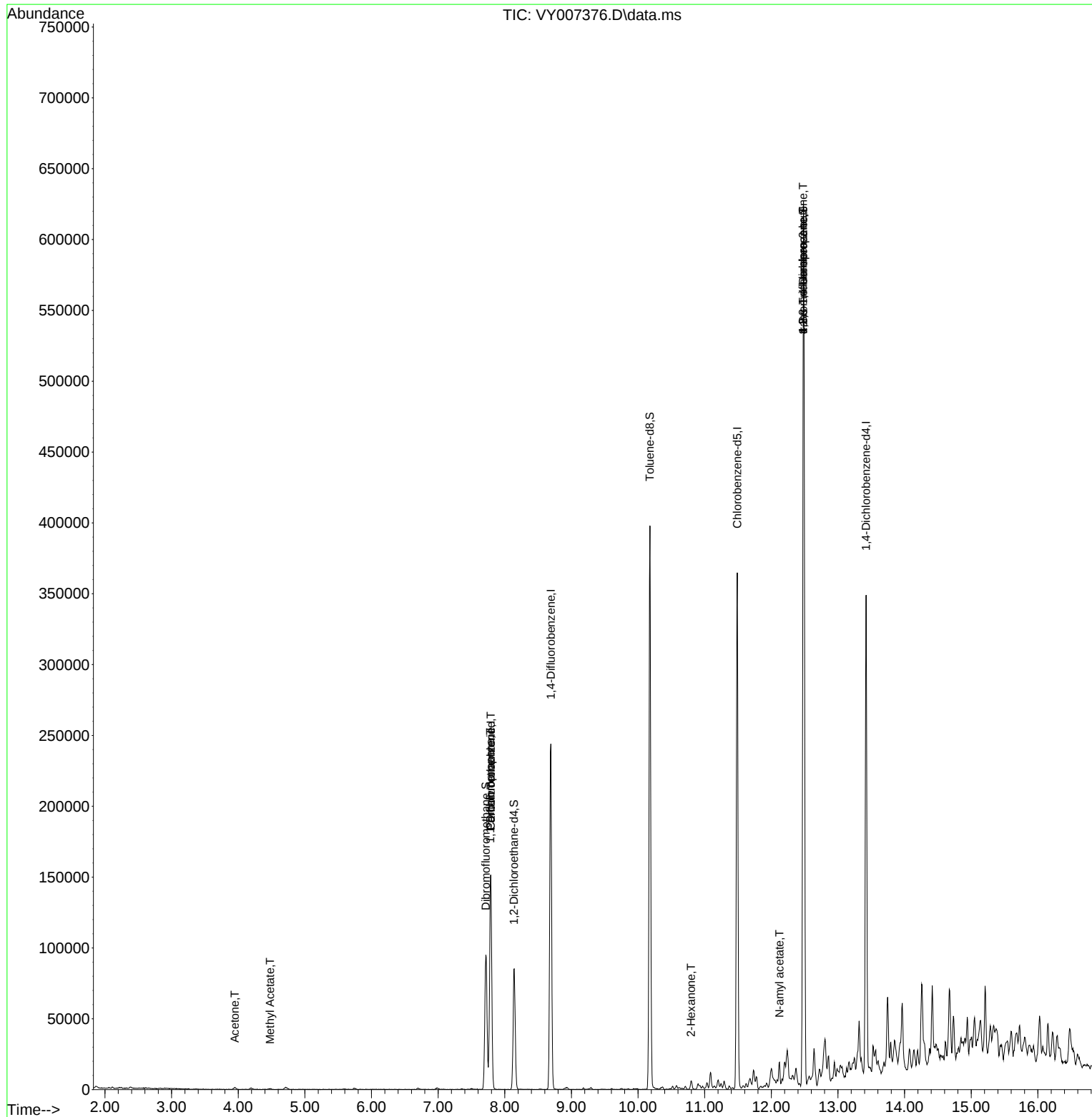
Internal Standards						
1) Pentafluorobenzene	7.789	168	111035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67457	52.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.640%	
35) Dibromofluoromethane	7.716	113	68629	51.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.460%	
50) Toluene-d8	10.179	98	254973	52.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.477	95	88760	53.275	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.540%	
Target Compounds						
3) Chloromethane	2.107	50	843	Below Cal	#	85
16) Acetone	3.948	43	2354	5.675	ug/l #	85
18) Methyl Acetate	4.479	43	1292	1.663	ug/l	97
20) Methylene Chloride	4.722	84	1185	Below Cal	#	70
36) 1,1-Dichloropropene	7.783	75	9162	3.950	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11921	4.892	ug/l #	15
59) 2-Hexanone	10.794	43	2534	3.178	ug/l #	28
74) N-amyl acetate	12.124	43	4220	2.333	ug/l #	68
76) 1,2,3-Trichloropropane	12.477	75	52352	55.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52352	110.317	ug/l #	9

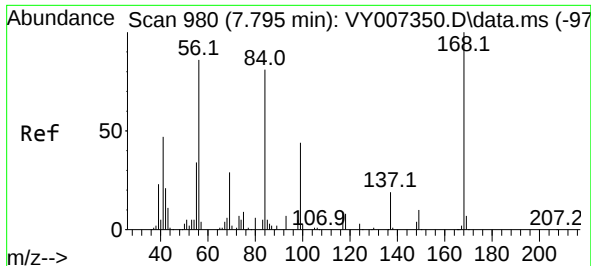
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

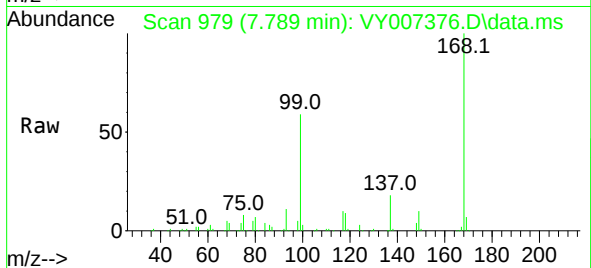
Quant Time: Feb 04 08:40:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
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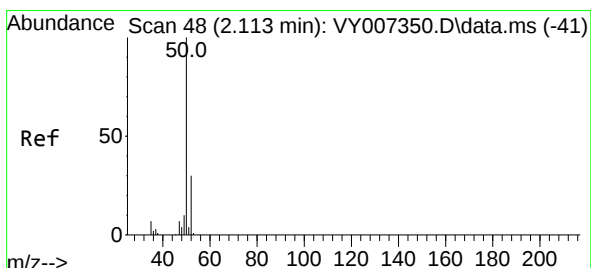
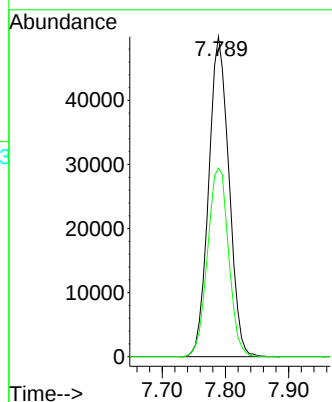
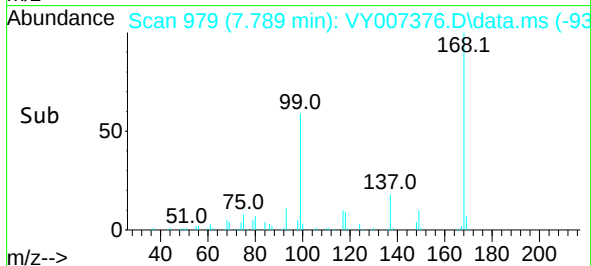


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

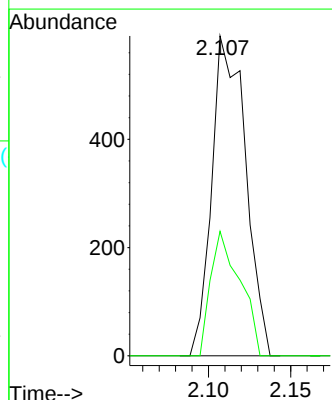
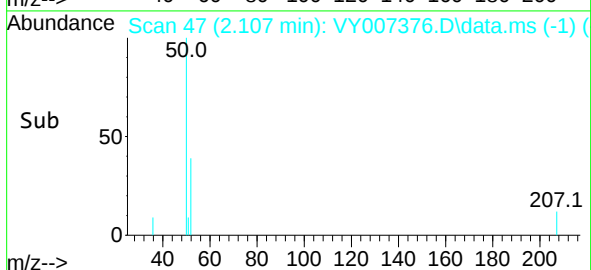
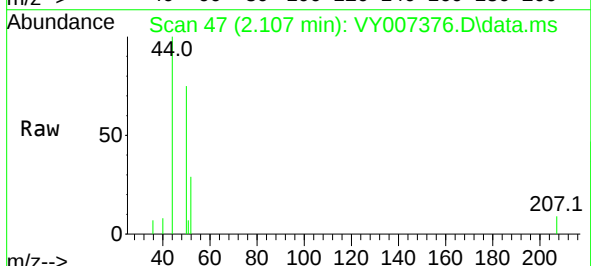


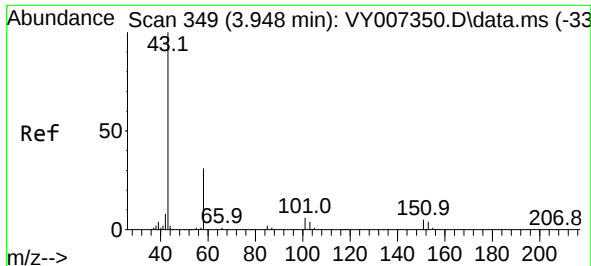
Tgt Ion:168 Resp: 111035
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

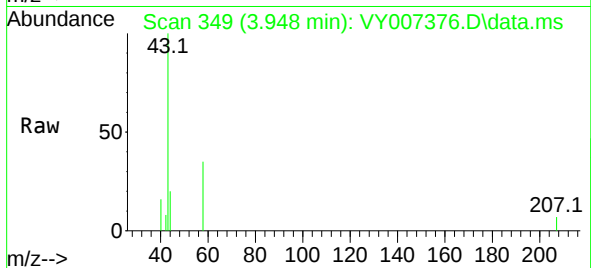
Tgt Ion: 50 Resp: 843
Ion Ratio Lower Upper
50 100
52 38.9 24.6 37.0#



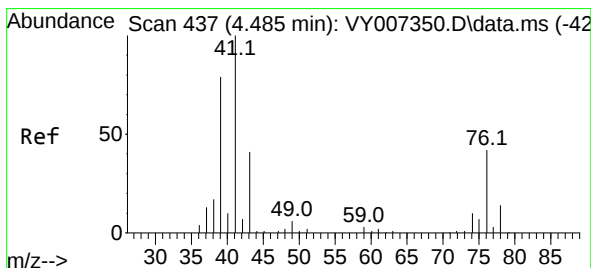
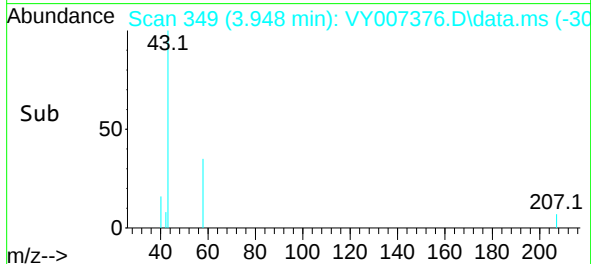
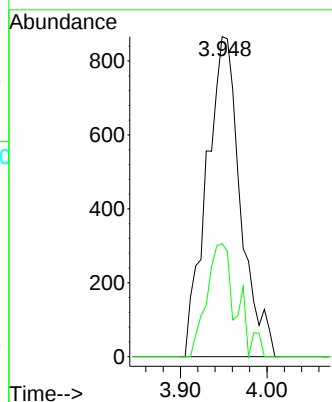


#16
Acetone
Concen: 5.675 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

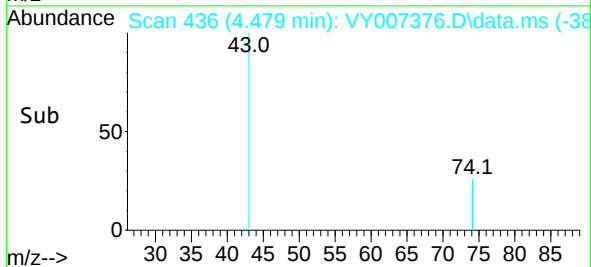
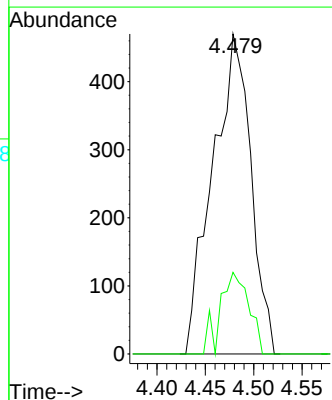
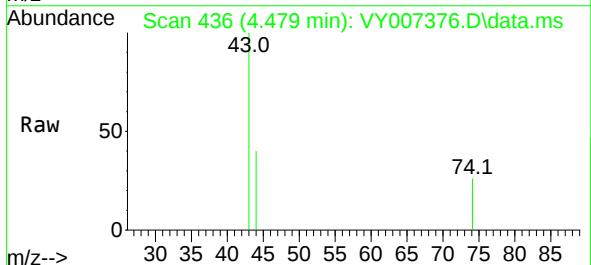


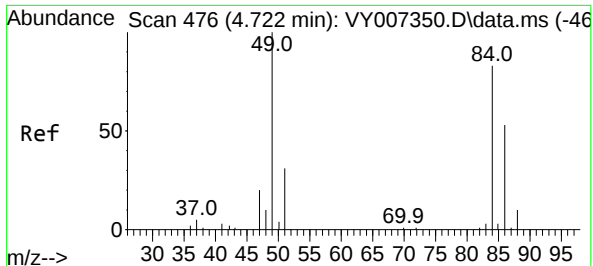
Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#



#18
Methyl Acetate
Concen: 1.663 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
74 19.2 16.6 24.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

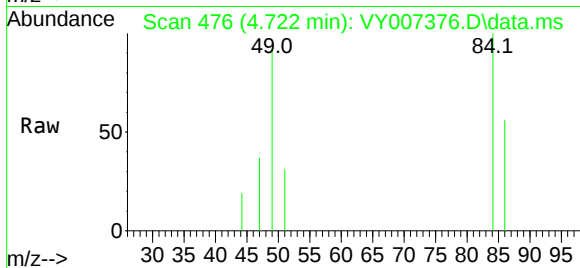
Lab File: VY007376.D

Acq: 03 Feb 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1185

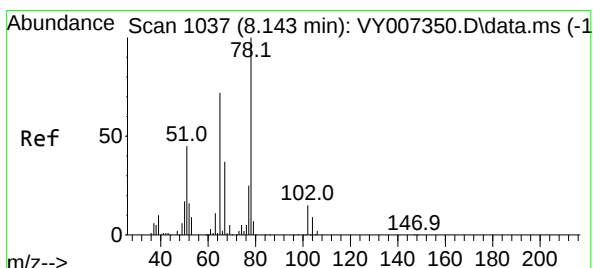
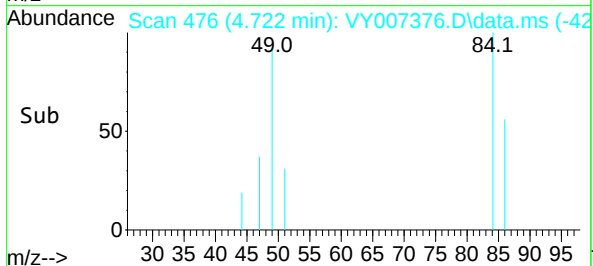
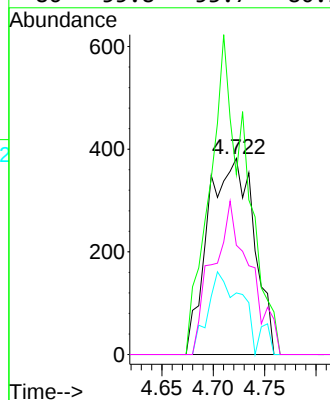
Ion Ratio Lower Upper

84 100

49 91.9 114.4 171.6#

51 31.4 35.3 52.9#

86 55.8 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 52.817 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY007376.D

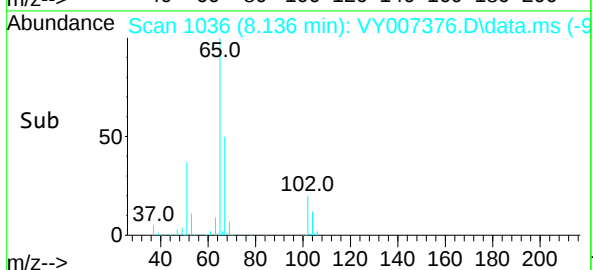
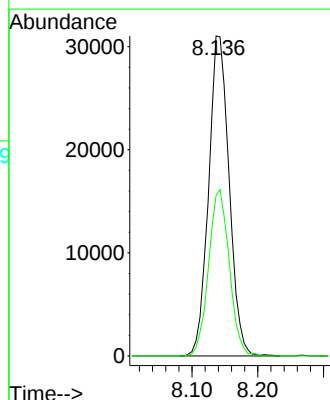
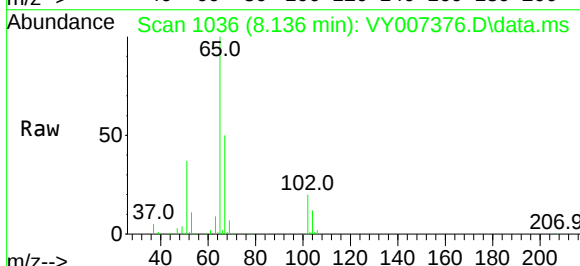
Acq: 03 Feb 2022 15:17

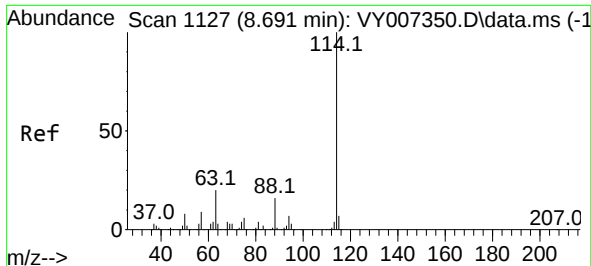
Tgt Ion: 65 Resp: 67457

Ion Ratio Lower Upper

65 100

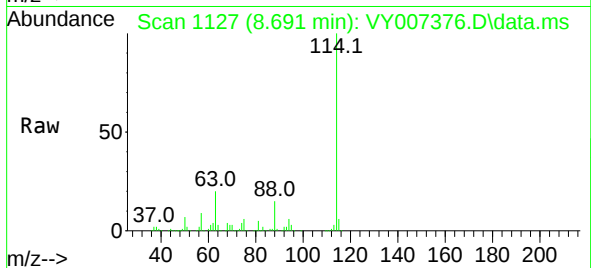
67 52.4 0.0 99.4



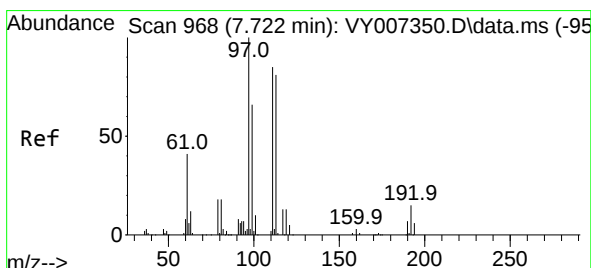
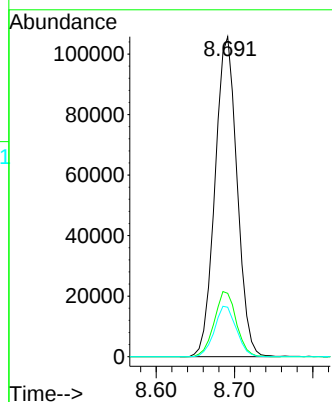
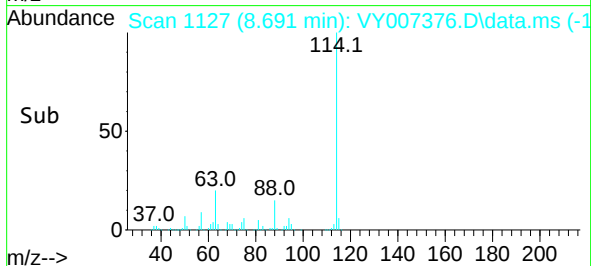


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

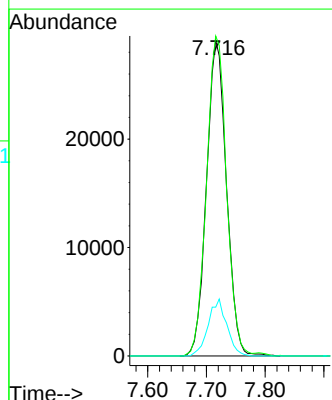
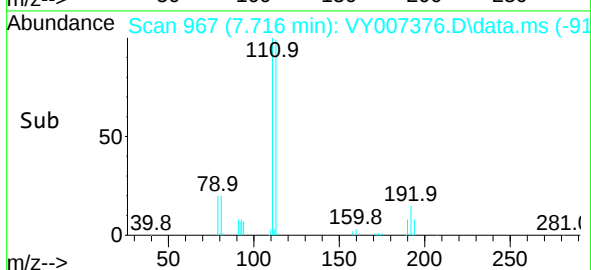
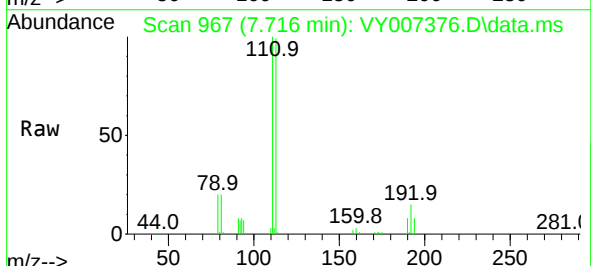


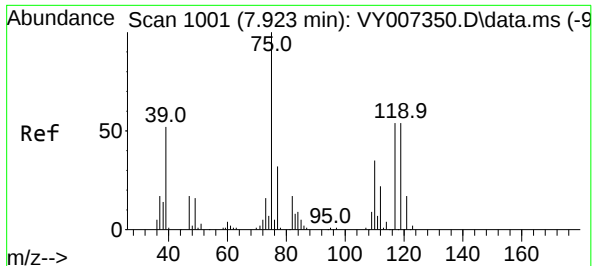
Tgt Ion:114 Resp: 206621
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.726 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Tgt Ion:113 Resp: 68629
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 16.9 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 3.950 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

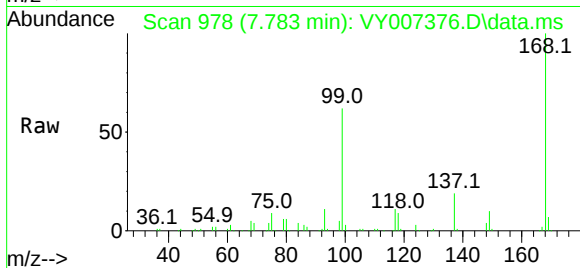
Lab File: VY007376.D

Acq: 03 Feb 2022 15:17

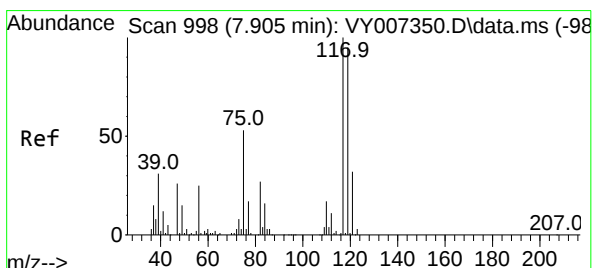
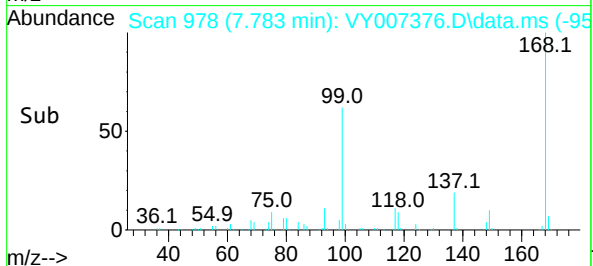
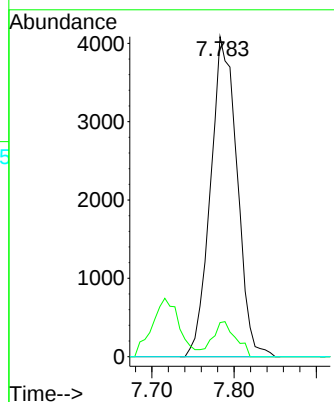
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9162
Ion Ratio	Lower Upper
75	100
110	9.5 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.892 ug/l

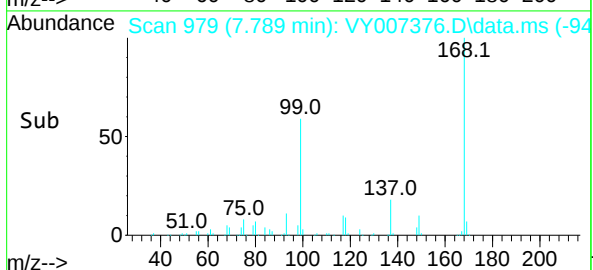
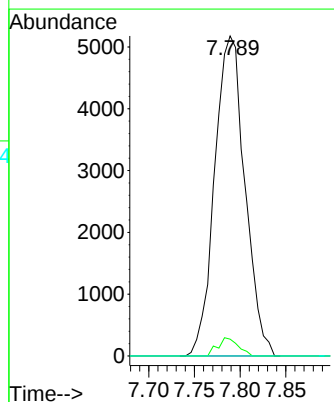
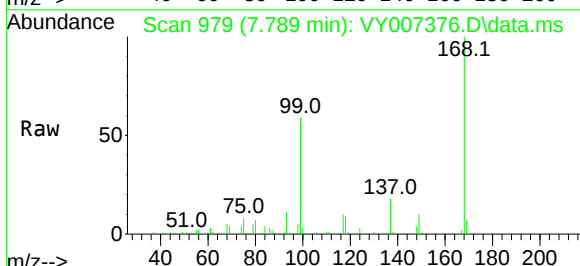
RT: 7.789 min Scan# 979

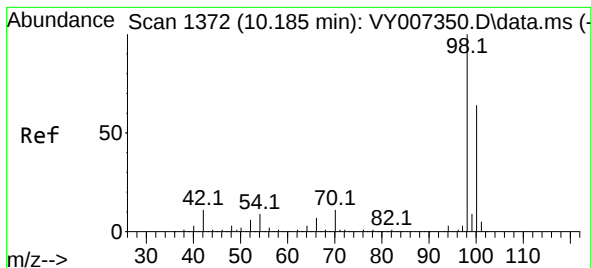
Delta R.T. -0.116 min

Lab File: VY007376.D

Acq: 03 Feb 2022 15:17

Tgt Ion: 117	Resp: 11921
Ion Ratio	Lower Upper
117	100
119	5.3 77.9 116.9#
121	0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.016 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007376.D

Acq: 03 Feb 2022 15:17

Instrument :

MSVOA_Y

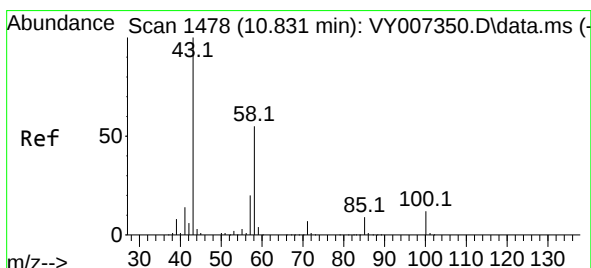
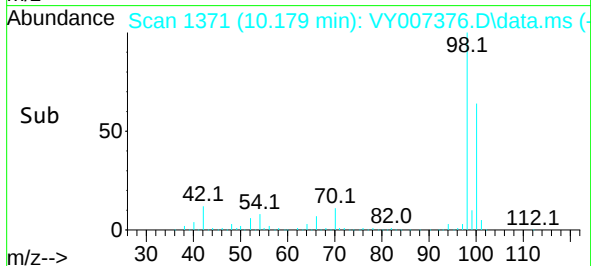
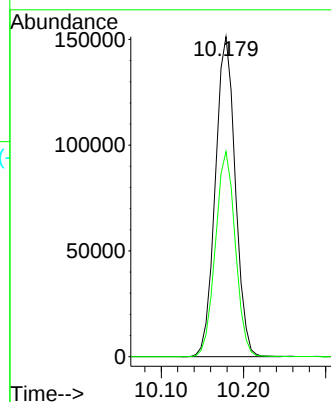
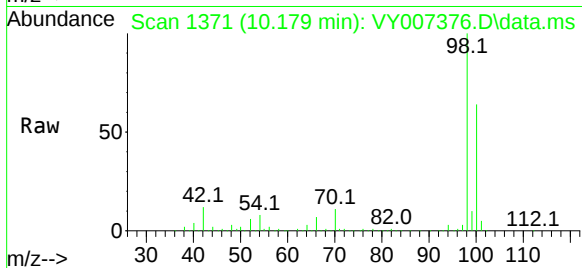
ClientSampleId :

Tgt Ion: 98 Resp: 254973

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2



#59

2-Hexanone

Concen: 3.178 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.037 min

Lab File: VY007376.D

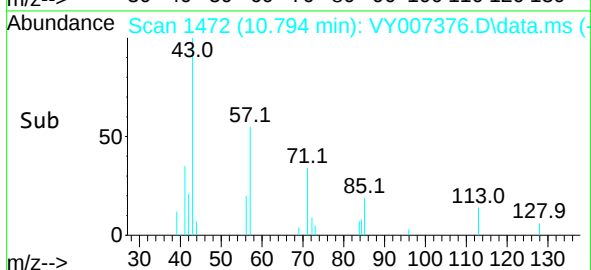
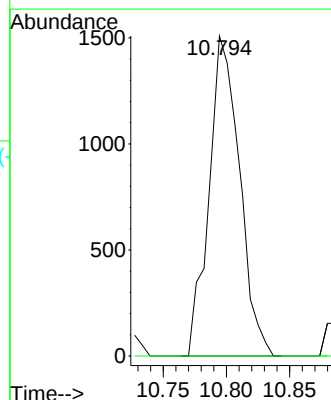
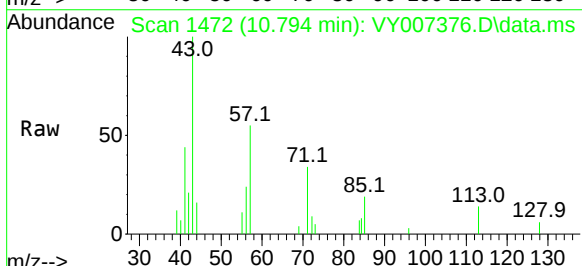
Acq: 03 Feb 2022 15:17

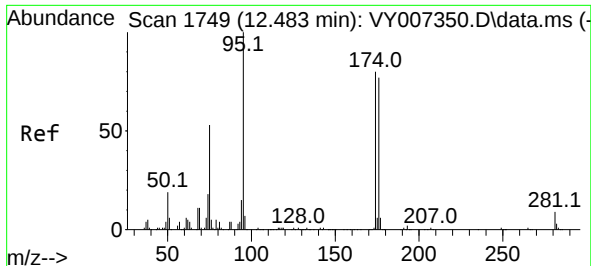
Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

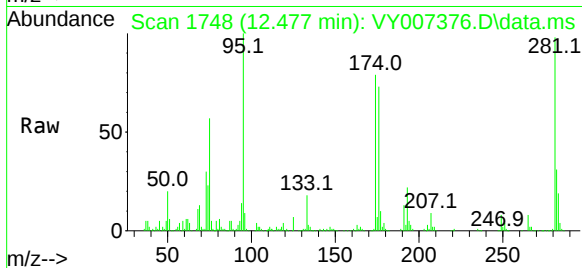
58 0.0 24.4 73.4#



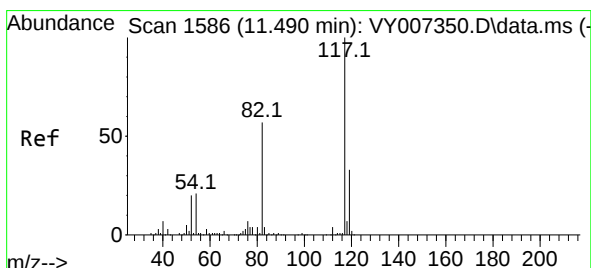
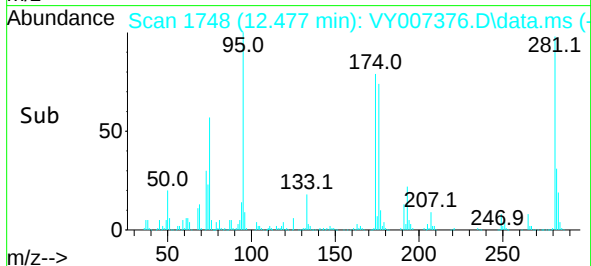
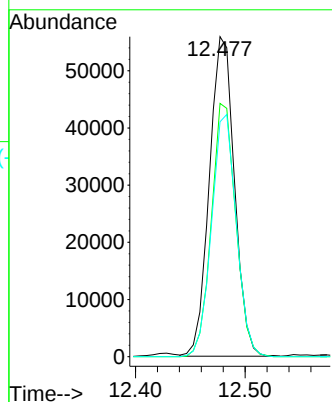


#62
4-Bromofluorobenzene
Concen: 53.275 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

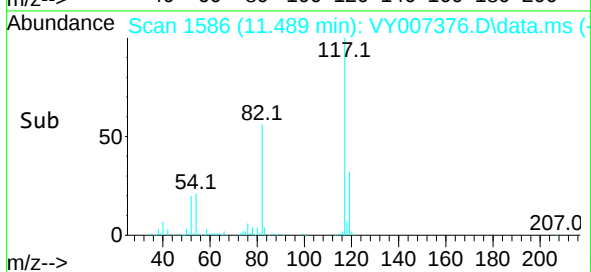
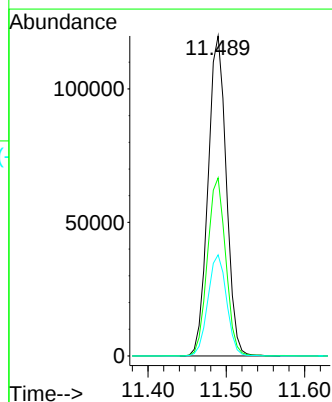
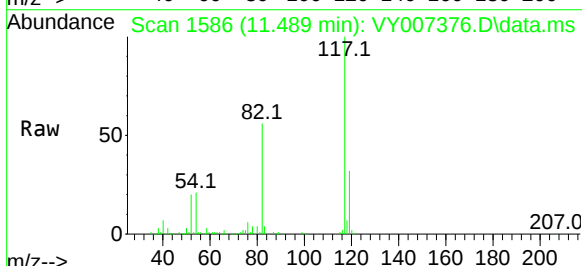


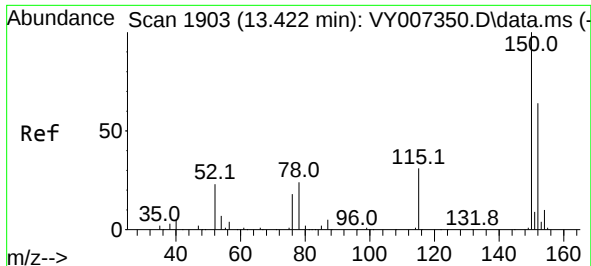
Tgt Ion: 95 Resp: 88760
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 75.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Tgt Ion: 117 Resp: 193706
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 31.6 25.4 38.0

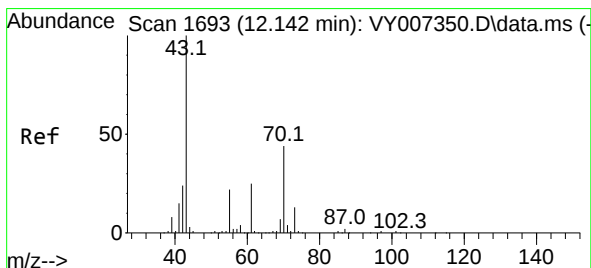
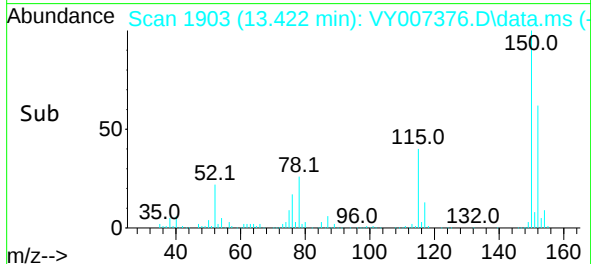
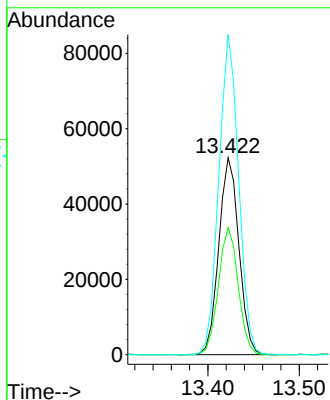
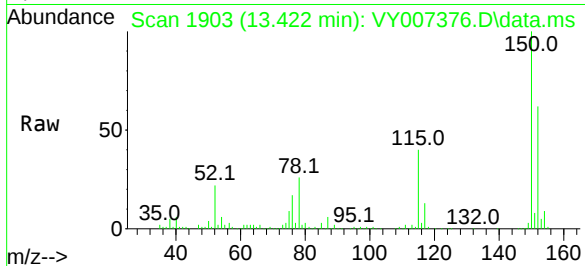




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

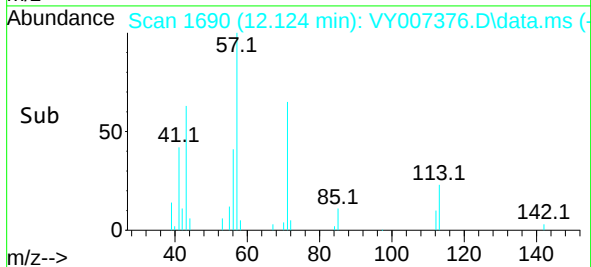
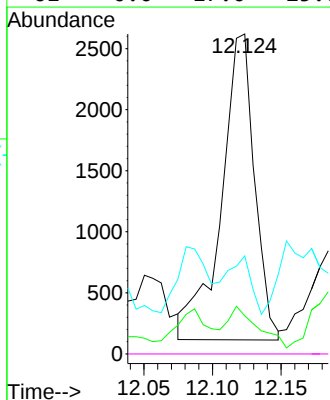
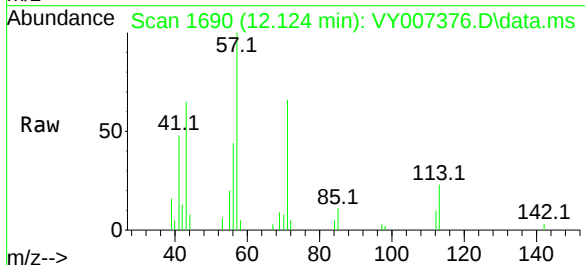
Instrument :
MSVOA_Y
ClientSampleId :

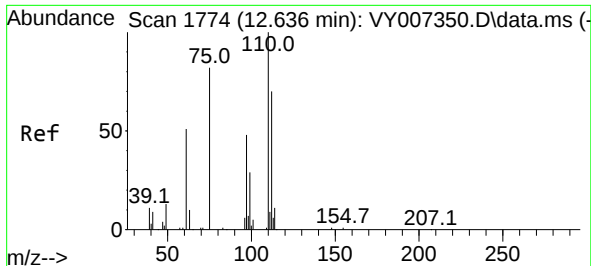
Tgt Ion:152 Resp: 79974
Ion Ratio Lower Upper
152 100
115 63.6 28.2 84.7
150 160.0 0.0 347.6



#74
N-ethyl acetate
Concen: 2.333 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Tgt Ion: 43 Resp: 4220
Ion Ratio Lower Upper
43 100
70 12.2 28.7 43.1#
55 19.2 17.3 25.9
61 0.0 17.0 25.6#

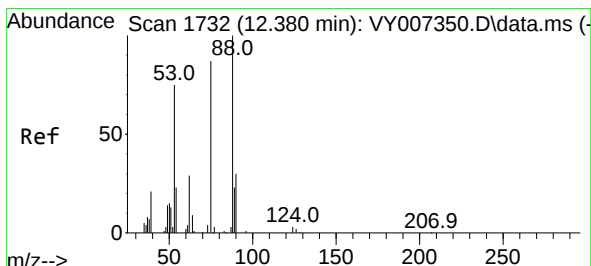
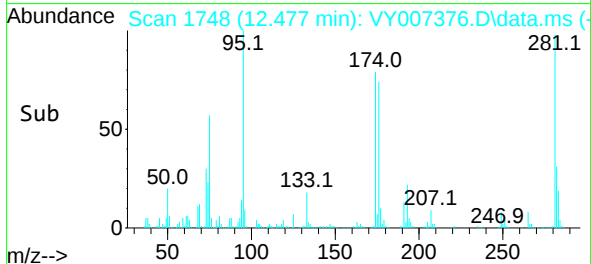
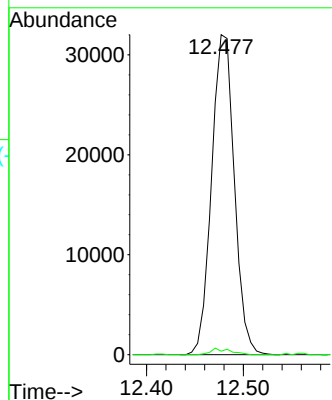
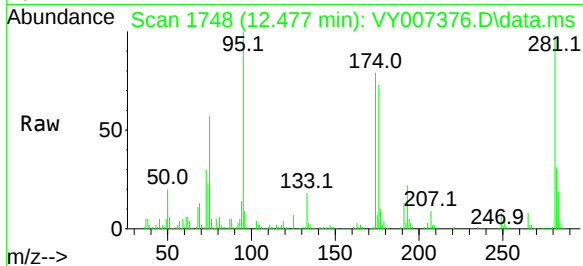




#76
1,2,3-Trichloropropane
Concen: 55.064 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52352
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.317 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007376.D
Acq: 03 Feb 2022 15:17

Tgt Ion: 75 Resp: 52352
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 3.2 37.0 55.4#

