

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007434.D
 Acq On : 08 Feb 2022 15:33
 Operator : SY/MD
 Sample : N1432-13
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

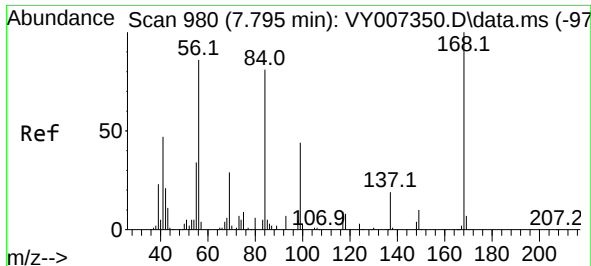
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-5

Quant Time: Feb 09 00:56:16 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	39218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	70275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	62789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23173	51.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.716	113	22037	48.834	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.660%	
50) Toluene-d8	10.179	98	83523	50.098	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.477	95	26626	46.988	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	313	Below Cal	#	44
16) Acetone	3.942	43	2047	13.972	ug/l	95
20) Methylene Chloride	4.716	84	371	Below Cal	#	49
36) 1,1-Dichloropropene	7.783	75	3312	4.198	ug/l	# 52
38) Carbon Tetrachloride	7.795	117	4276	5.159	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.179	43	375	1.008	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	14223	48.575	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	14223	97.316	ug/l	# 7

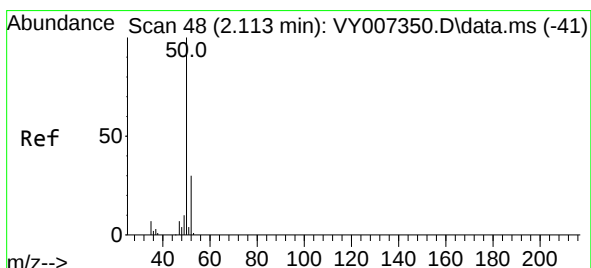
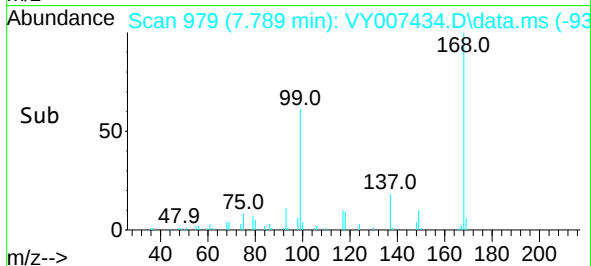
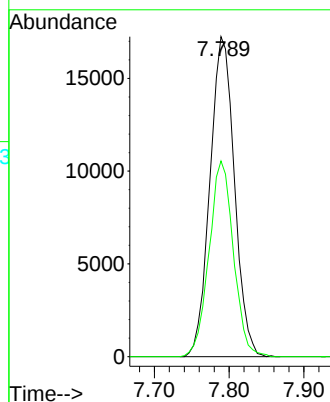
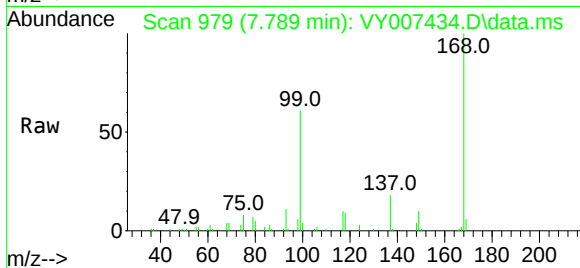
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007434.D
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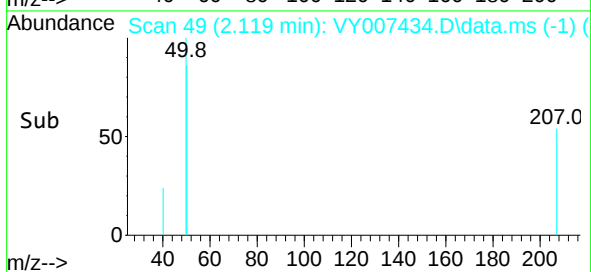
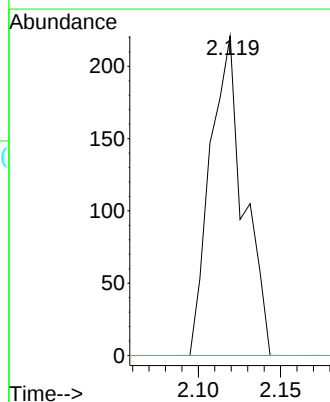
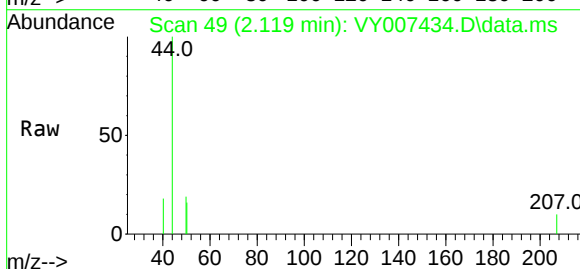
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

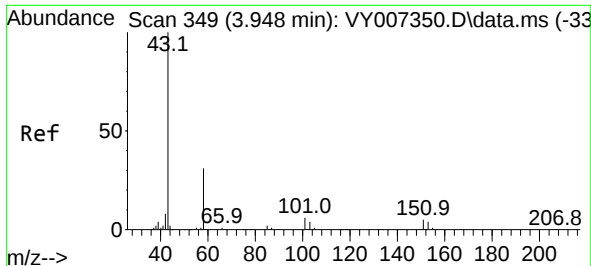
Tgt Ion:168 Resp: 39218
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

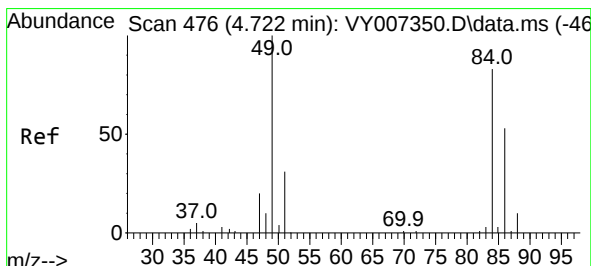
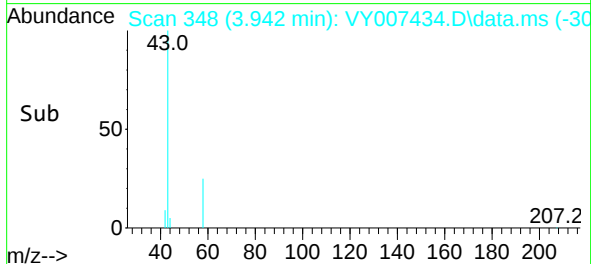
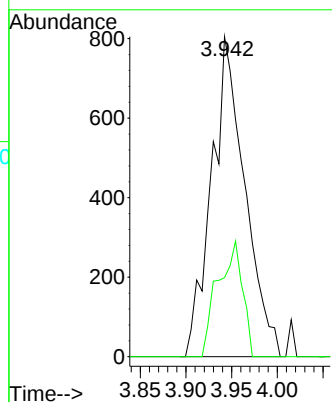
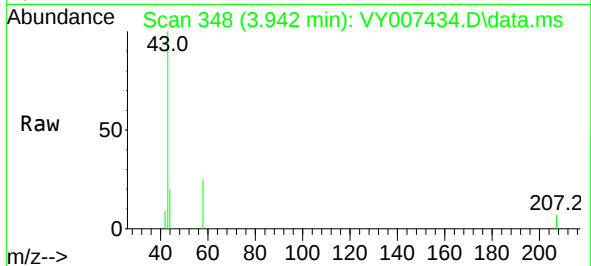




#16
Acetone
Concen: 13.972 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

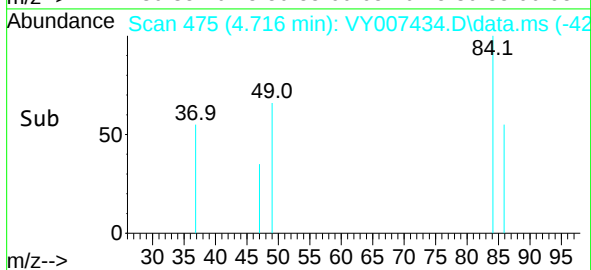
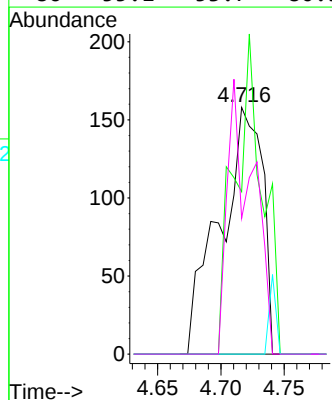
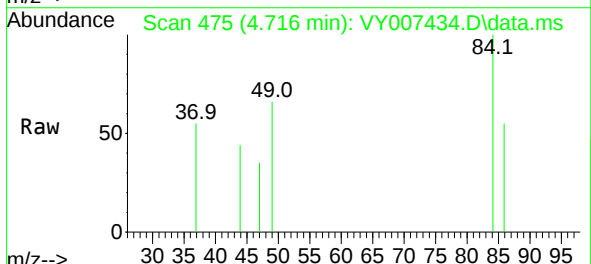
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

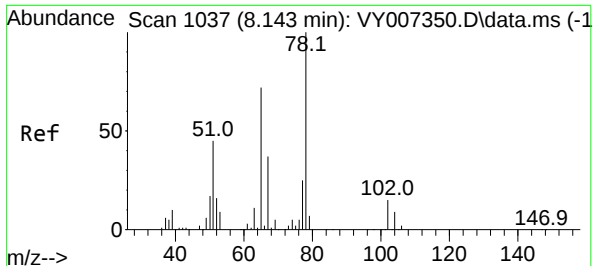
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 24.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion: 84 Resp: 371
Ion Ratio Lower Upper
84 100
49 65.8 114.4 171.6#
51 0.0 35.3 52.9#
86 55.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.370 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007434.D

Acq: 08 Feb 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

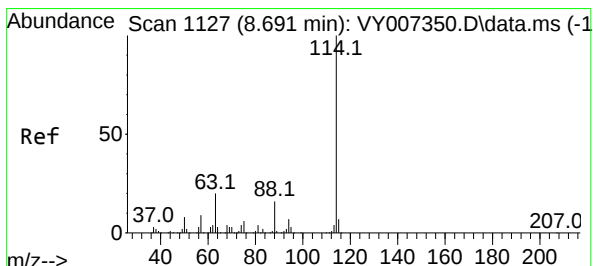
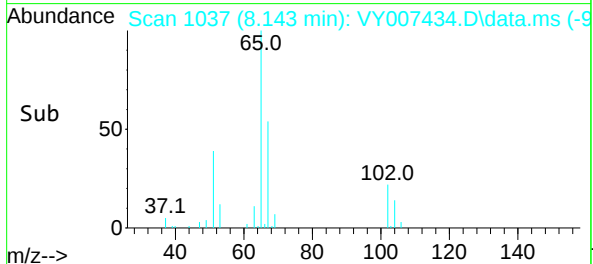
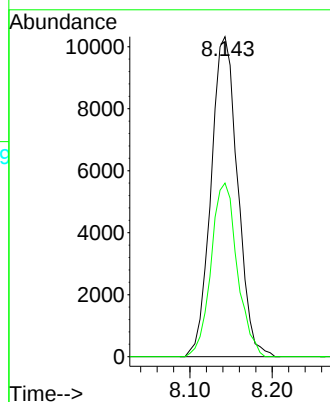
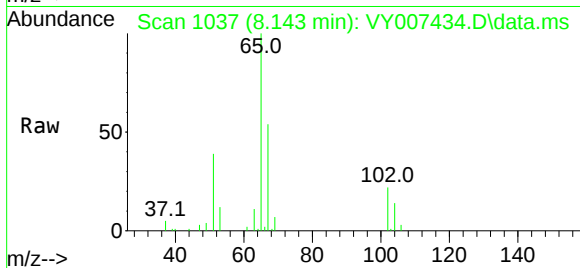
SP-5

Tgt Ion: 65 Resp: 23173

Ion Ratio Lower Upper

65 100

67 53.5 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: VY007434.D

Acq: 08 Feb 2022 15:33

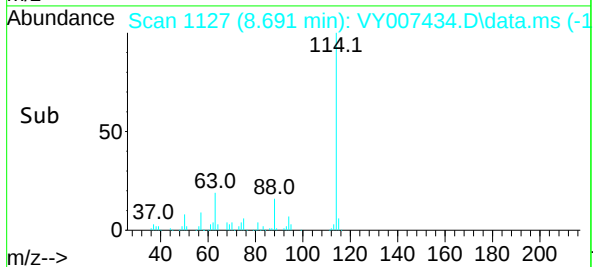
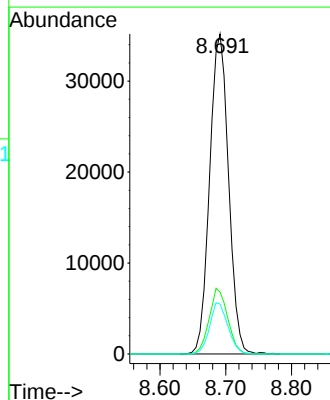
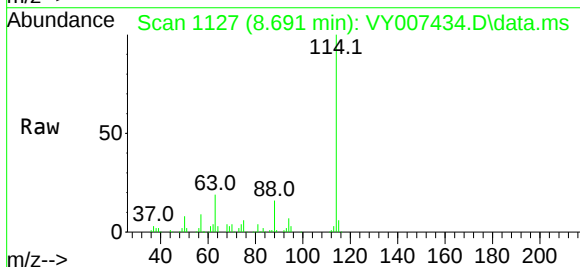
Tgt Ion: 114 Resp: 70275

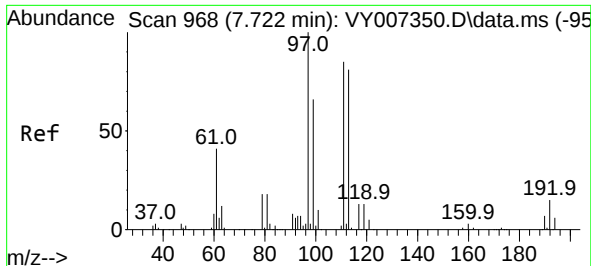
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8

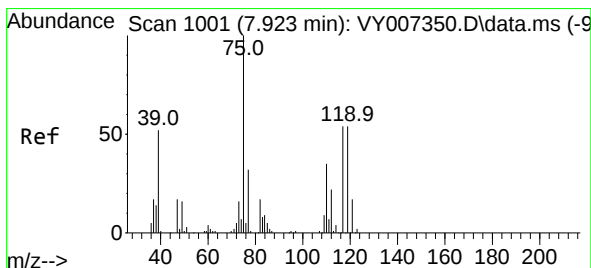
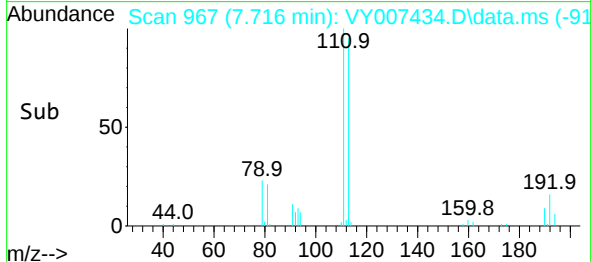
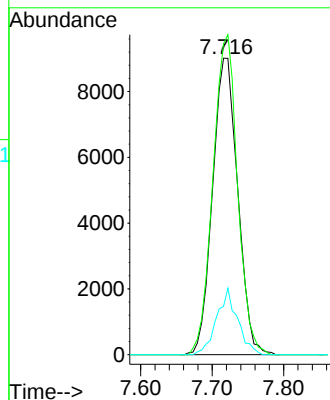
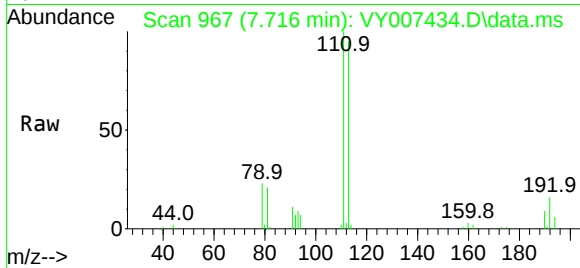




#35
Dibromofluoromethane
Concen: 48.834 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

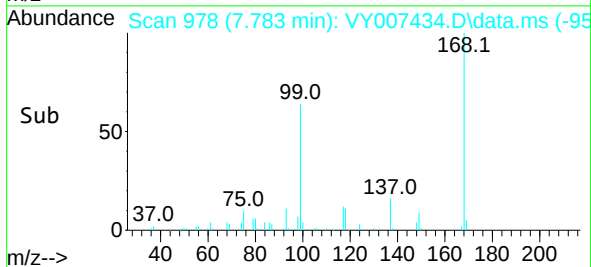
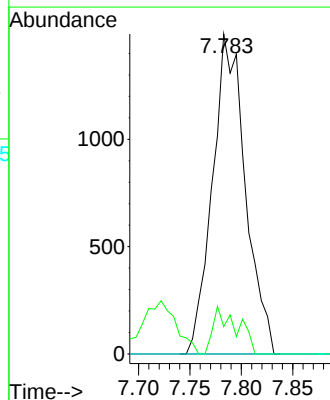
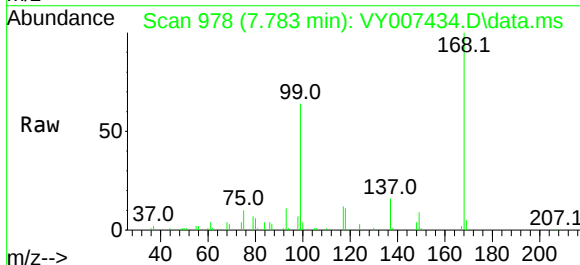
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

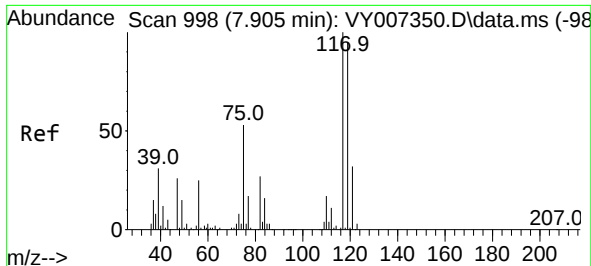
Tgt Ion:113 Resp: 22037
Ion Ratio Lower Upper
113 100
111 105.4 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion: 75 Resp: 3312
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.2#
77 0.0 24.4 36.6#

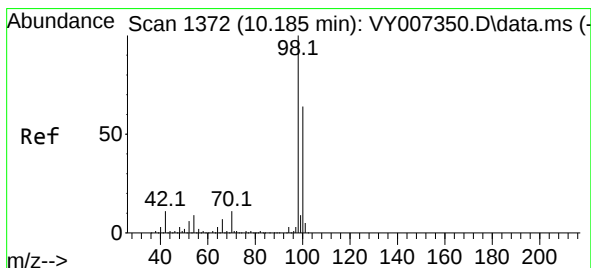
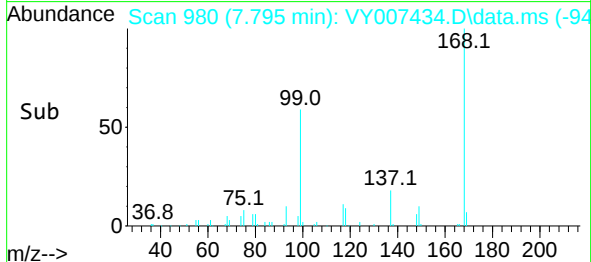
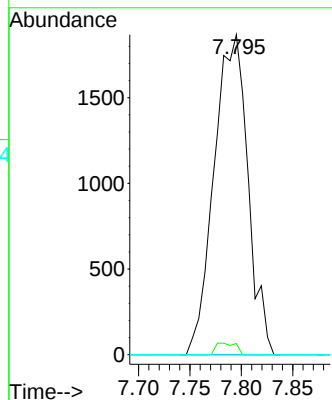
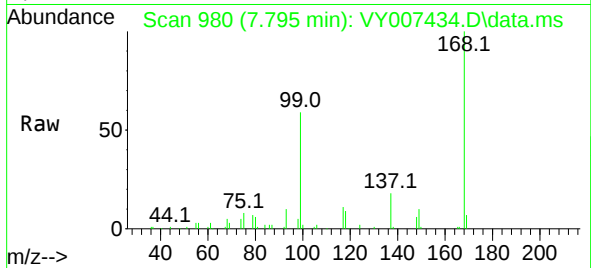




#38
Carbon Tetrachloride
Concen: 5.159 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

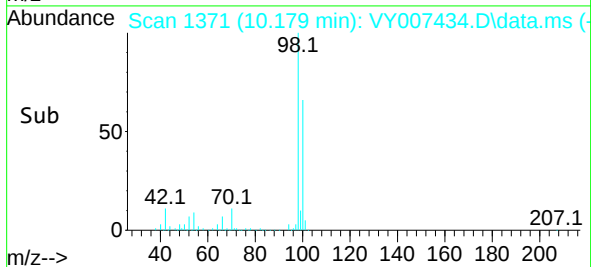
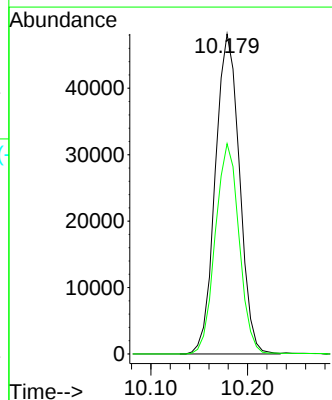
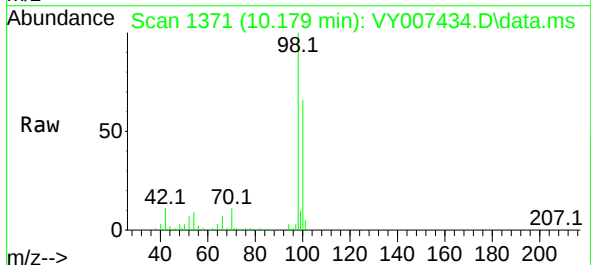
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

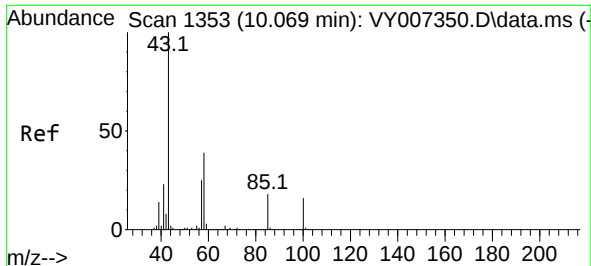
Tgt Ion:117 Resp: 4276
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.098 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion: 98 Resp: 83523
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

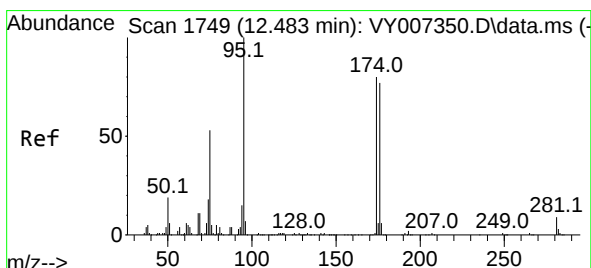
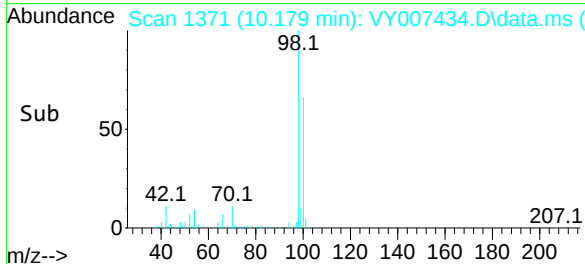
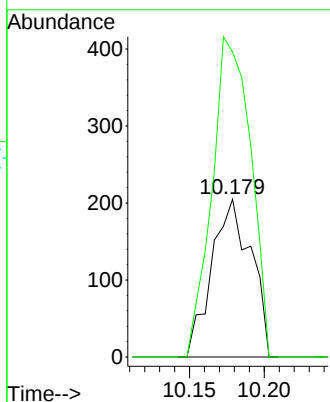
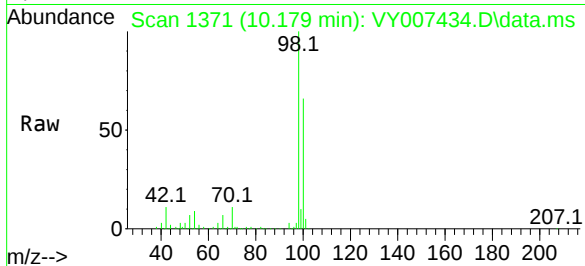




#51
4-Methyl-2-Pentanone
Concen: 1.008 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

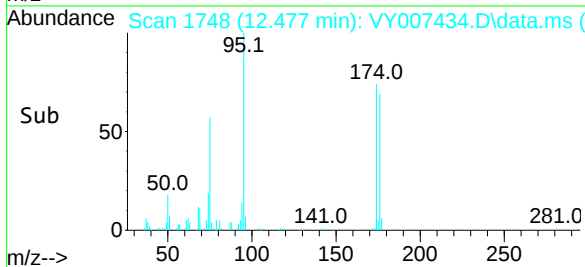
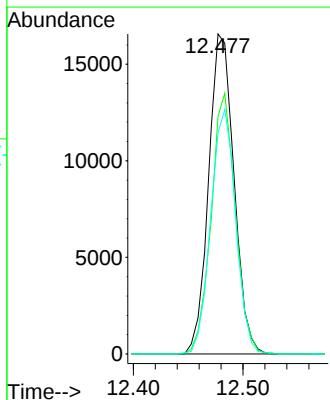
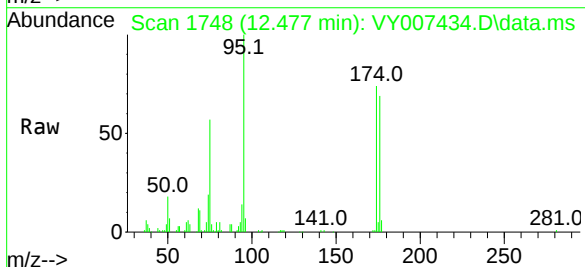
Instrument :
MSVOA_Y
ClientSampleId :
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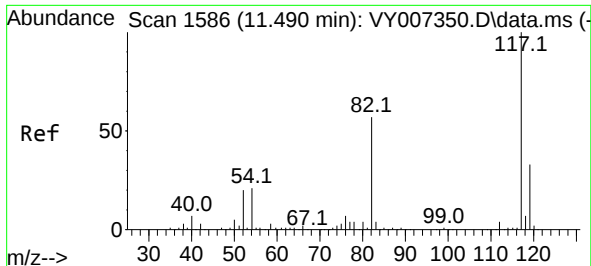
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 199.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 46.988 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion: 95 Resp: 26626
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 75.0 0.0 175.8

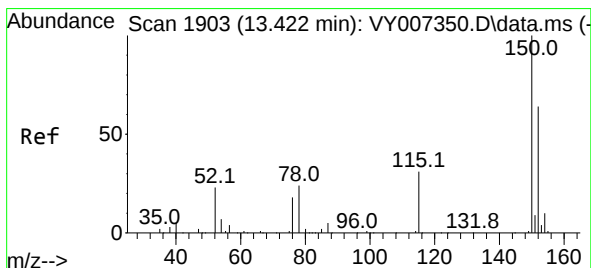
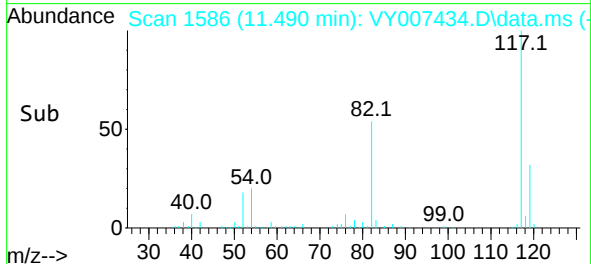
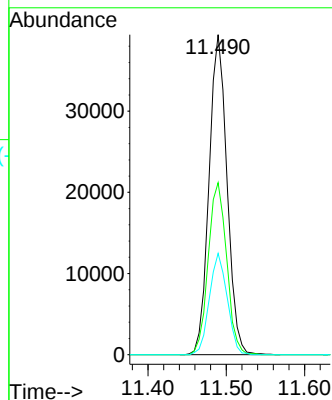
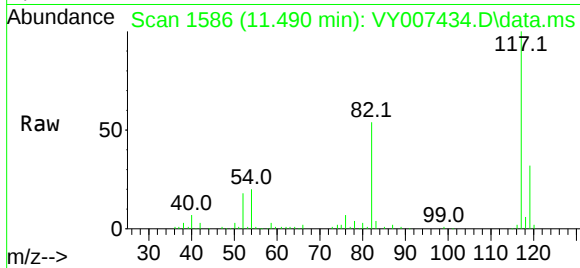




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

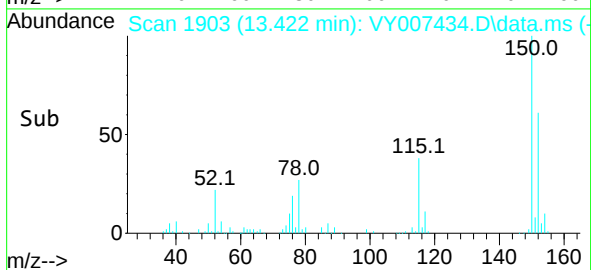
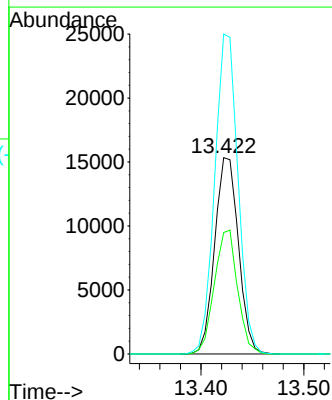
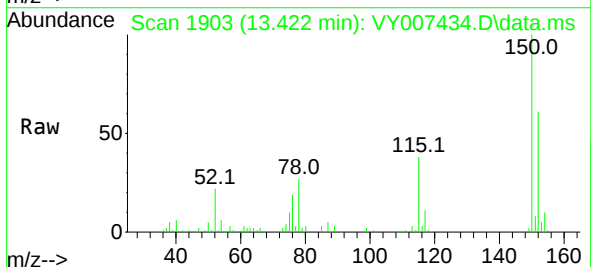
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

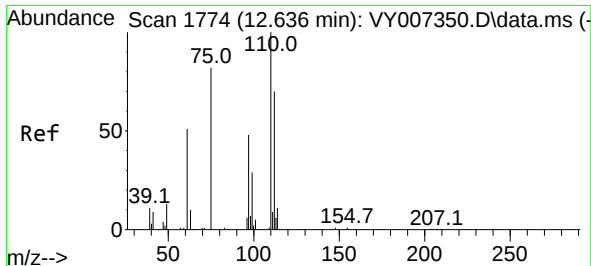
Tgt Ion:117 Resp: 62789
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion:152 Resp: 24630
Ion Ratio Lower Upper
152 100
115 61.7 28.2 84.7
150 159.7 0.0 347.6

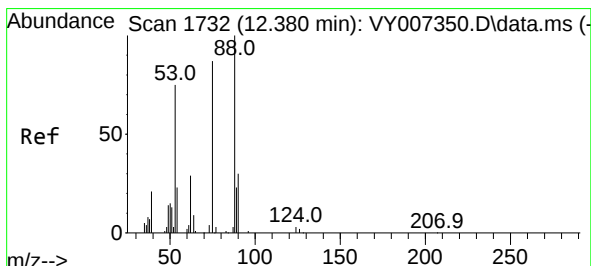
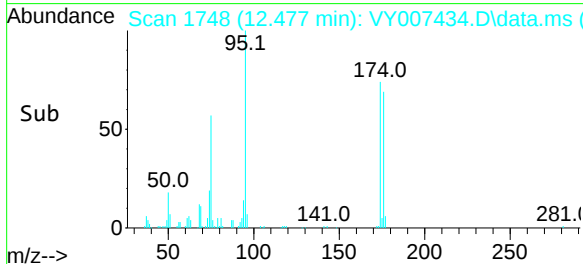
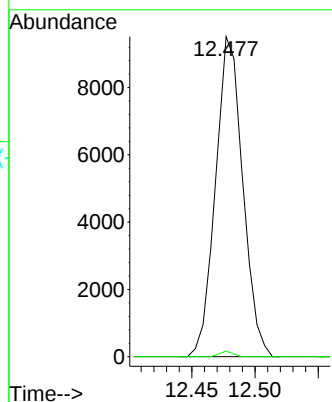
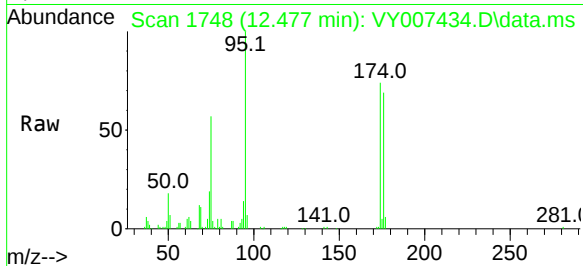




#76
1,2,3-Trichloropropane
Concen: 48.575 ug/l
RT: 12.477 min Scan# 1774
Delta R.T. -0.158 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion: 75 Resp: 14223
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007434.D
Acq: 08 Feb 2022 15:33

Tgt Ion: 75 Resp: 14223
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

