

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008217.D
 Acq On : 05 Apr 2022 18:11
 Operator : SY/MD
 Sample : N2257-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Apr 06 03:59:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

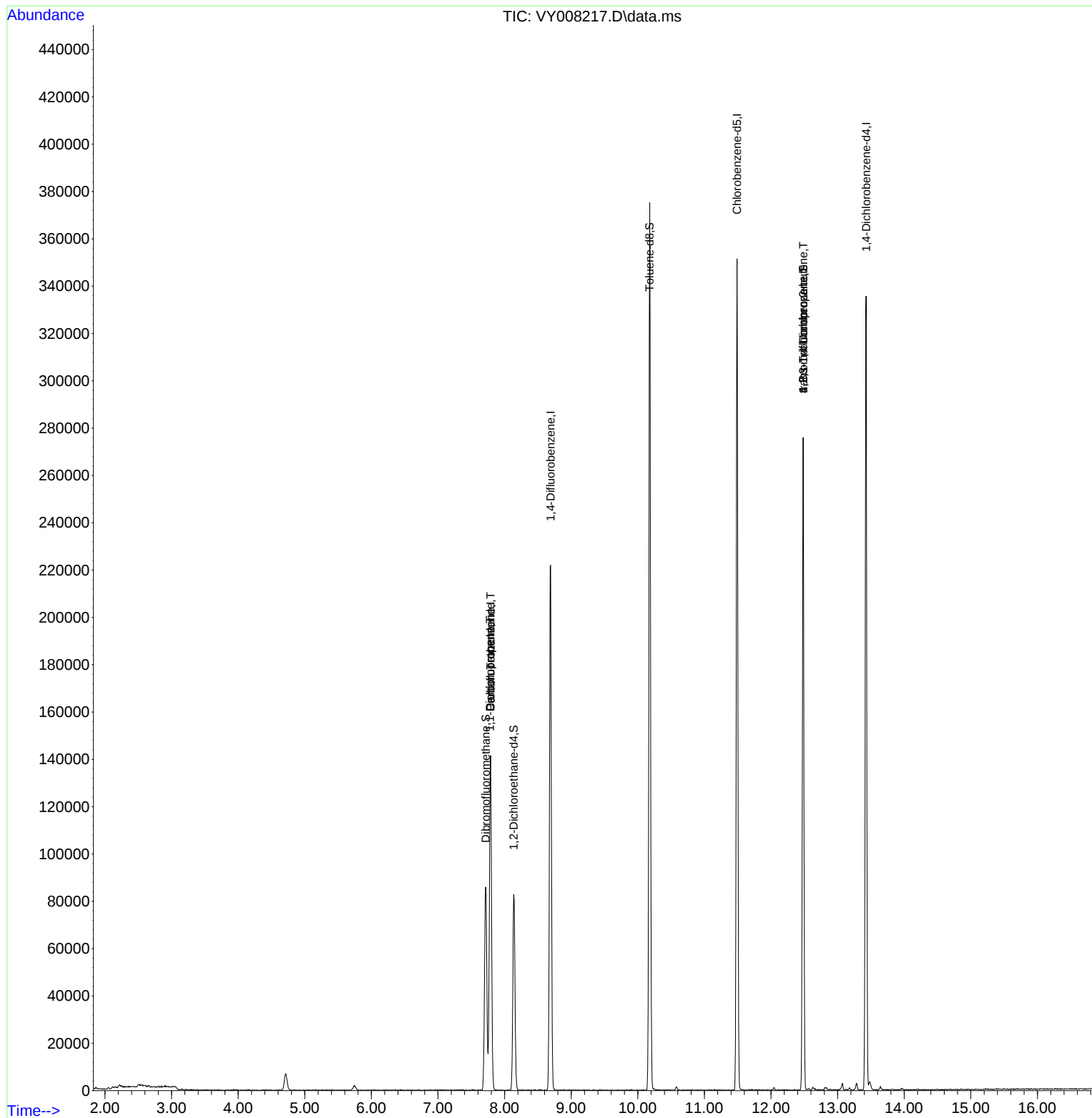
Internal Standards						
1) Pentafluorobenzene	7.789	168	111861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63538	56.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.220%	
35) Dibromofluoromethane	7.716	113	63162	49.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.179	98	249101	52.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.483	95	82869	49.208	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.420%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.479	43	187	Below Cal	#	56
20) Methylene Chloride	4.716	84	5523	Below Cal	#	80
36) 1,1-Dichloropropene	7.783	75	8384	4.213	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11196	5.162	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42676	40.274	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42676	89.858	ug/l #	7

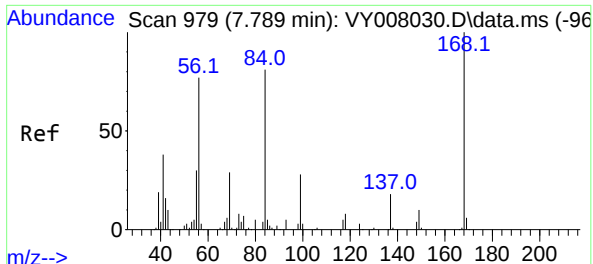
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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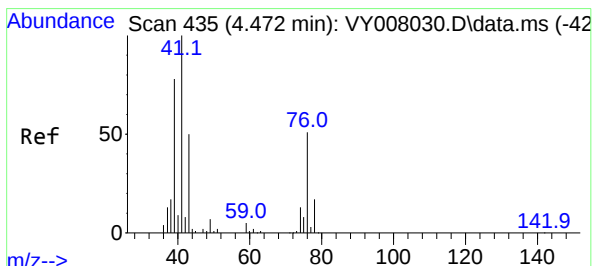
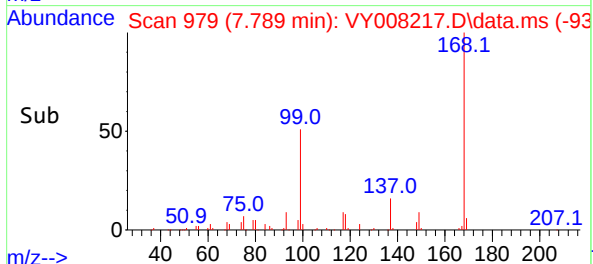
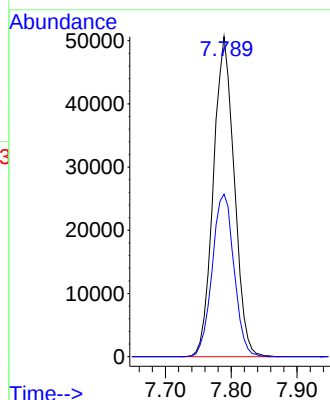
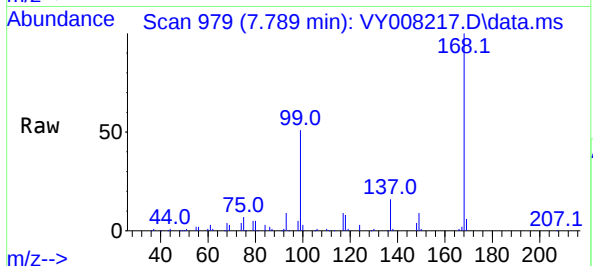




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

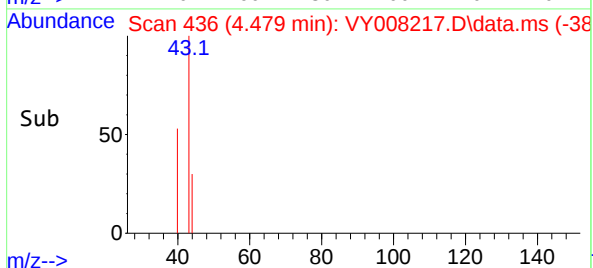
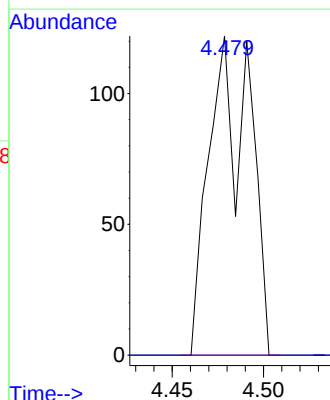
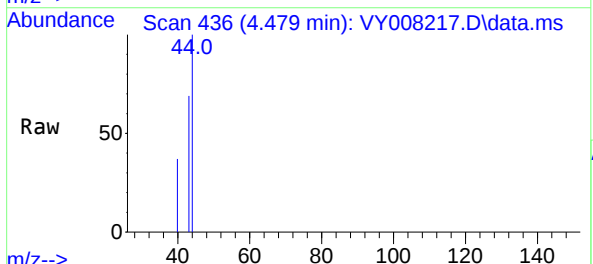
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

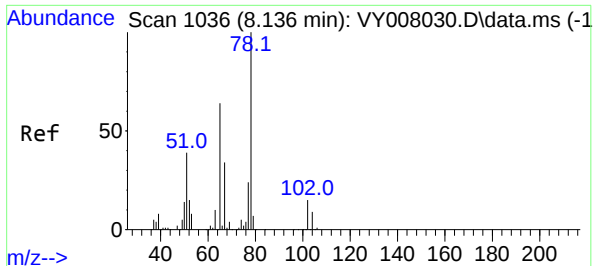
Tgt Ion:168 Resp: 111861
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#33

1,2-Dichloroethane-d4

Concen: 56.614 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008217.D

Acq: 05 Apr 2022 18:11

Instrument :

MSVOA_Y

ClientSampleId :

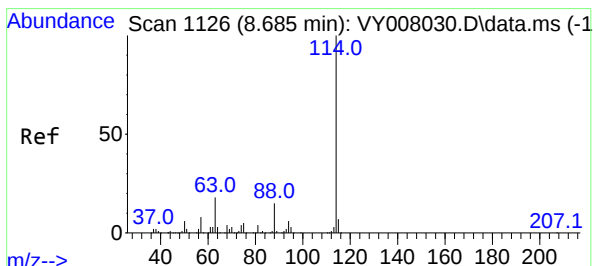
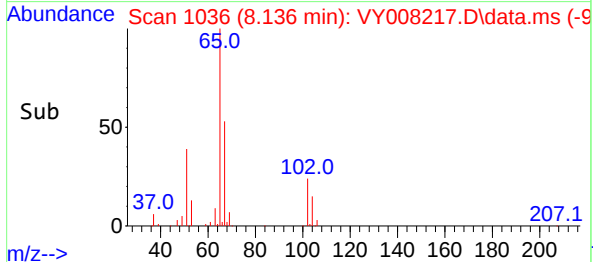
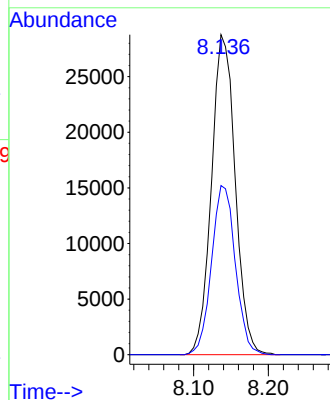
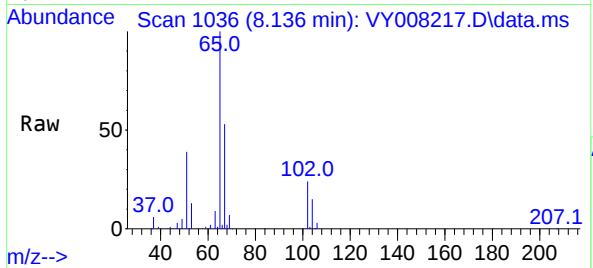
TP-4

Tgt Ion: 65 Resp: 63538

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008217.D

Acq: 05 Apr 2022 18:11

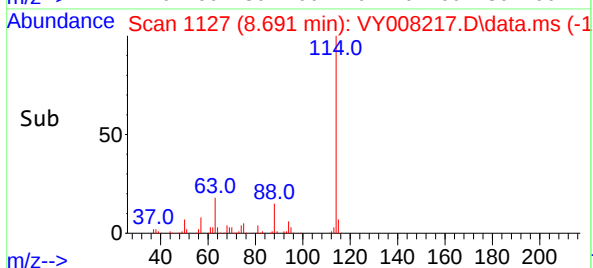
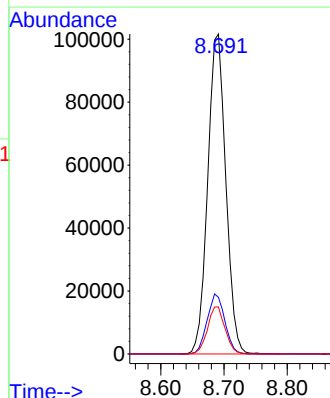
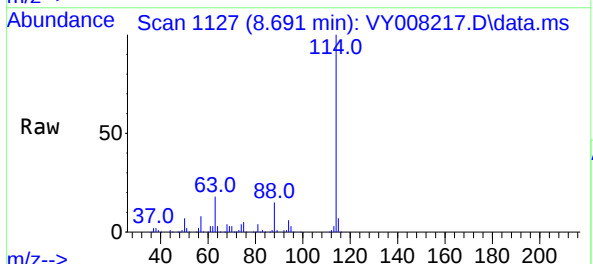
Tgt Ion: 114 Resp: 202079

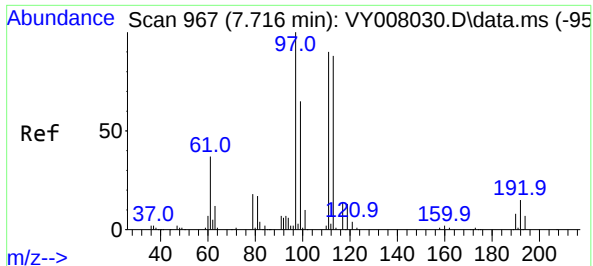
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.7 0.0 31.8

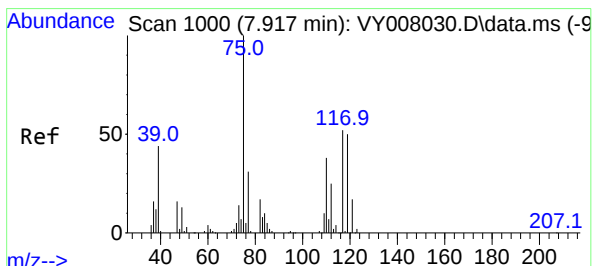
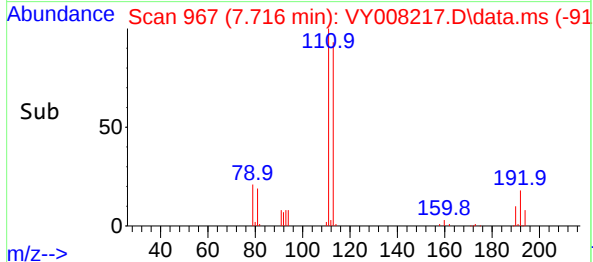
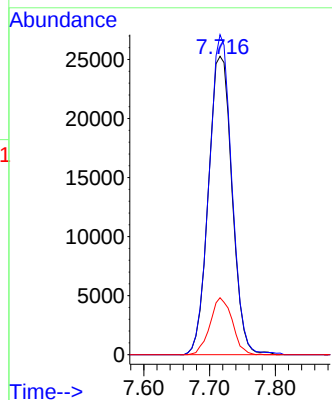
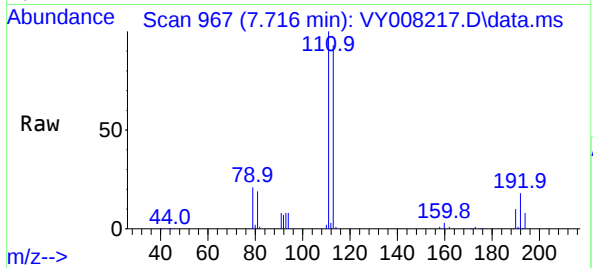




#35
Dibromofluoromethane
Concen: 49.852 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

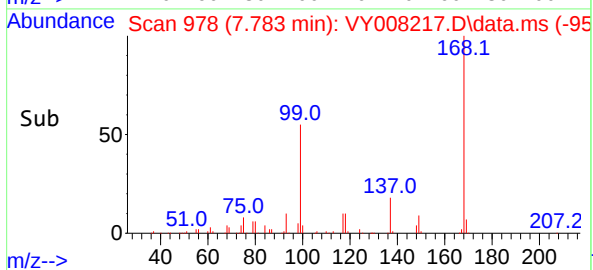
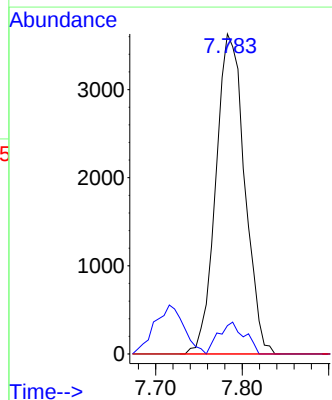
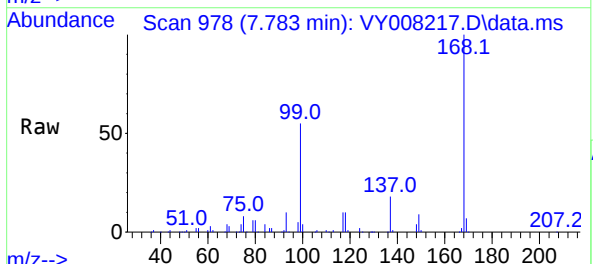
Instrument :
MSVOA_Y
ClientSampleId :
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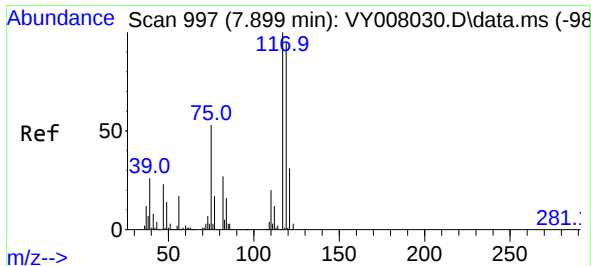
Tgt Ion:113 Resp: 63162
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

Tgt Ion: 75 Resp: 8384
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

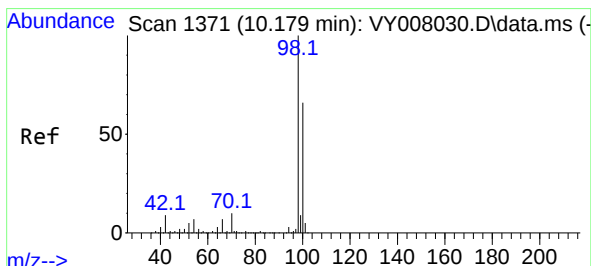
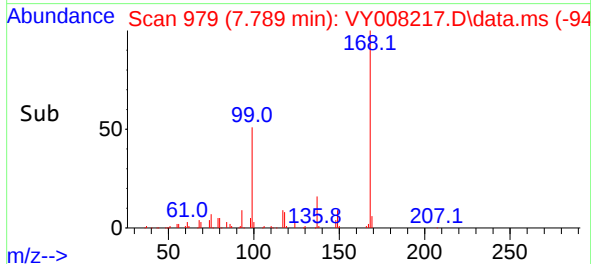
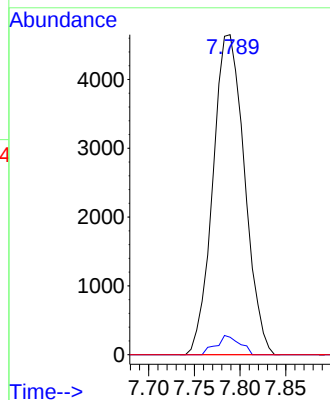
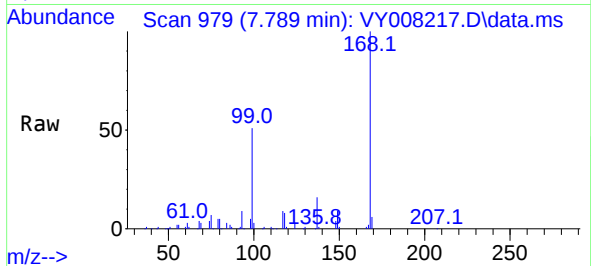




#38
Carbon Tetrachloride
Concen: 5.162 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

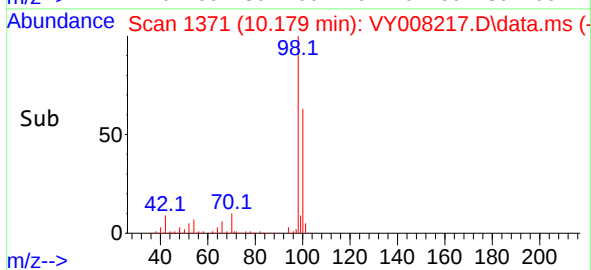
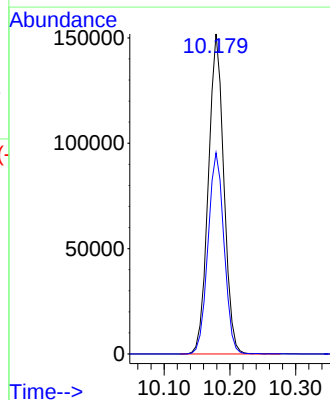
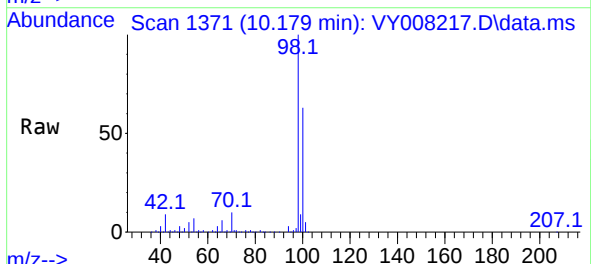
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

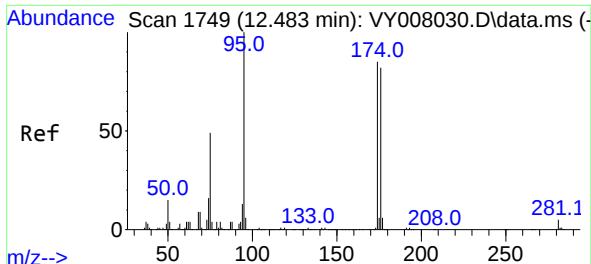
Tgt Ion:117 Resp: 11196
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.186 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

Tgt Ion: 98 Resp: 249101
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

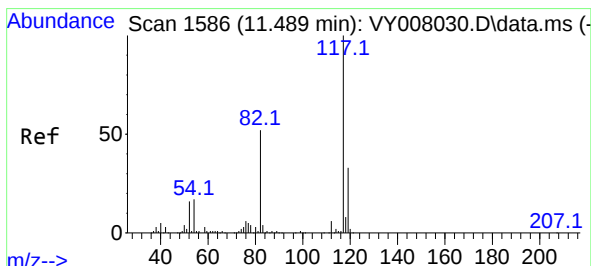
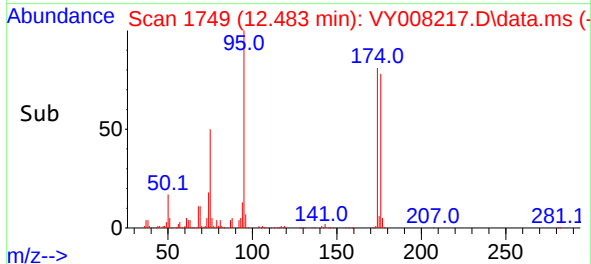
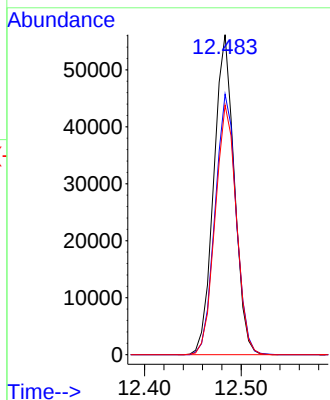
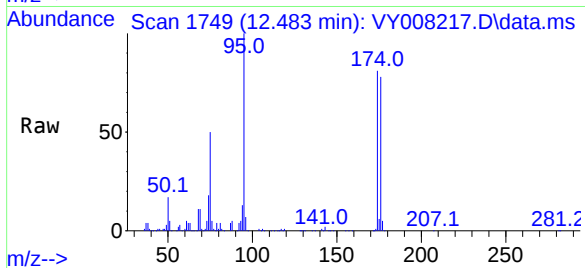




#62
4-Bromofluorobenzene
Concen: 49.208 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

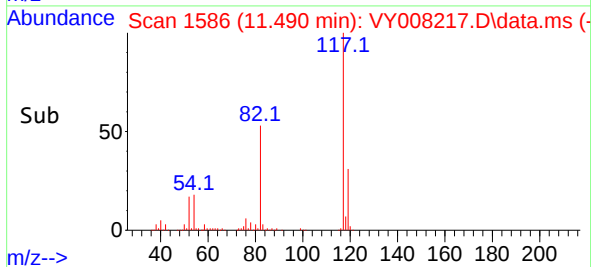
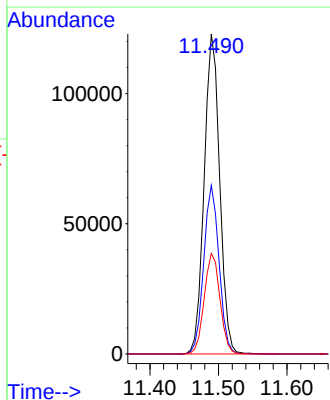
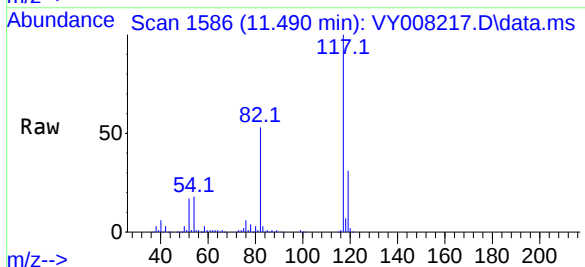
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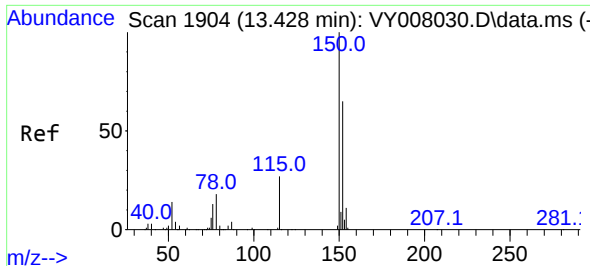
Tgt Ion: 95 Resp: 82869
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008217.D
Acq: 05 Apr 2022 18:11

Tgt Ion: 117 Resp: 193701
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.4 25.4 38.0

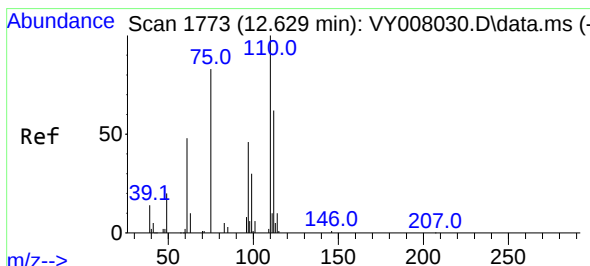
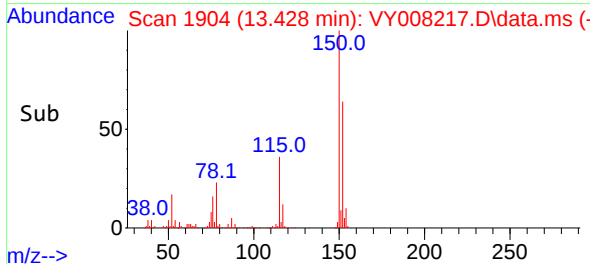
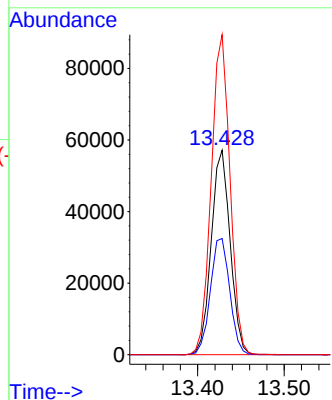
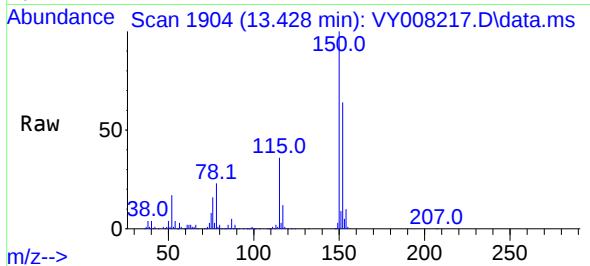




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008217.D
 Acq: 05 Apr 2022 18:11

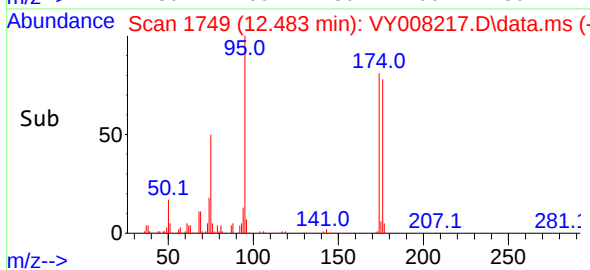
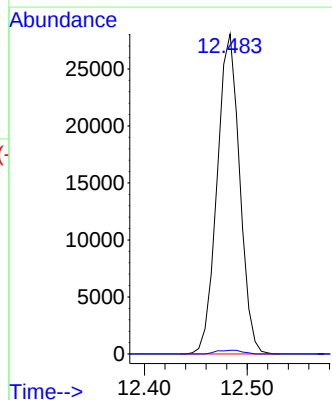
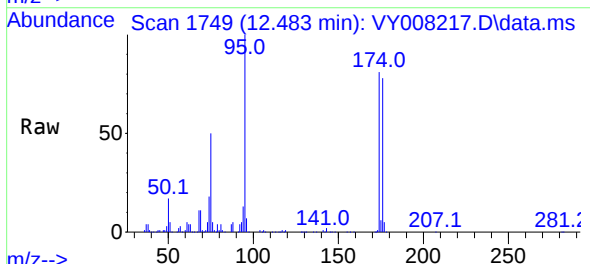
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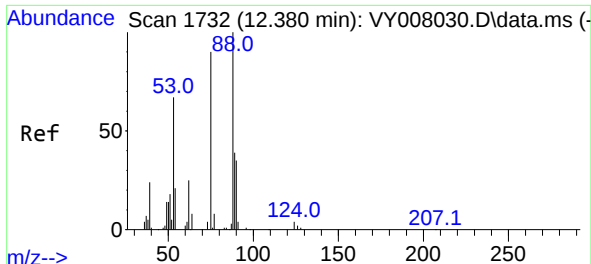
Tgt Ion:152 Resp: 86926
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 154.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.274 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008217.D
 Acq: 05 Apr 2022 18:11

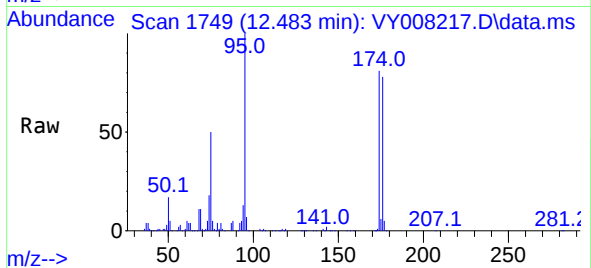
Tgt Ion: 75 Resp: 42676
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.858 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008217.D
 Acq: 05 Apr 2022 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 75 Resp: 42676
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

