

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008219.D
 Acq On : 05 Apr 2022 18:57
 Operator : SY/MD
 Sample : N2257-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Apr 06 03:59:39 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)

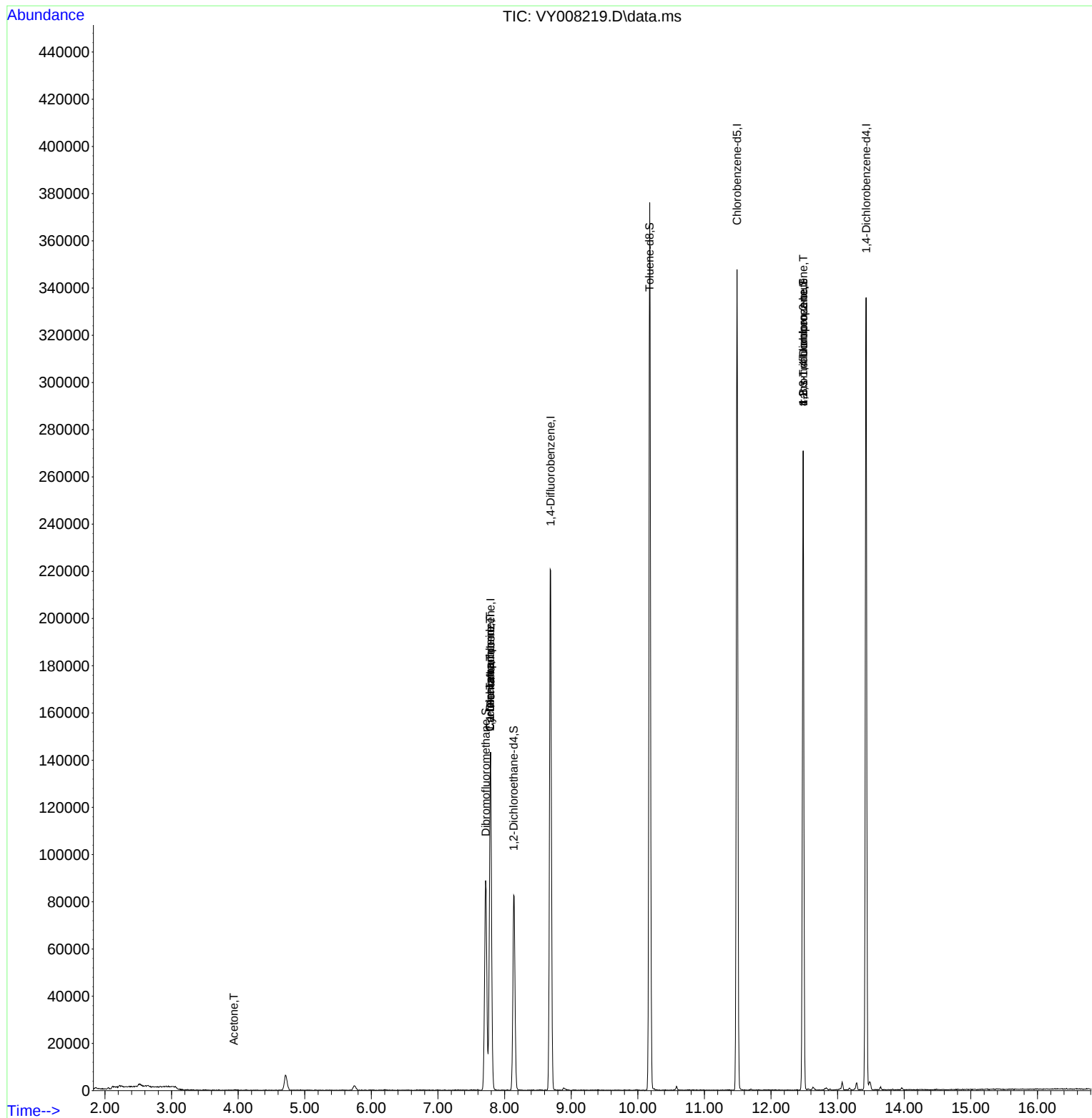
Internal Standards						
1) Pentafluorobenzene	7.789	168	110352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62956	56.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.720%
35) Dibromofluoromethane	7.716	113	63241	50.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.179	98	247250	52.060	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.483	95	80651	48.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.260%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	335	1.324	ug/l #	47
18) Methyl Acetate	4.472	43	51	Below Cal	#	56
20) Methylene Chloride	4.722	84	5222	Below Cal	#	71
31) Cyclohexane	7.783	56	2263	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8367	4.225	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11131	5.158	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	41626	40.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41626	90.475	ug/l #	7

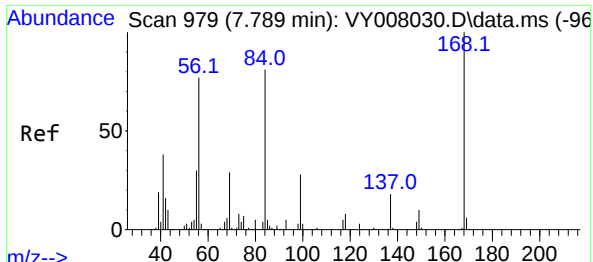
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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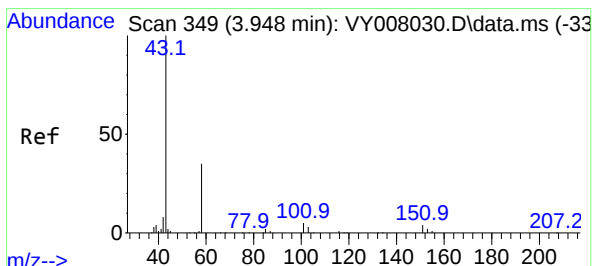
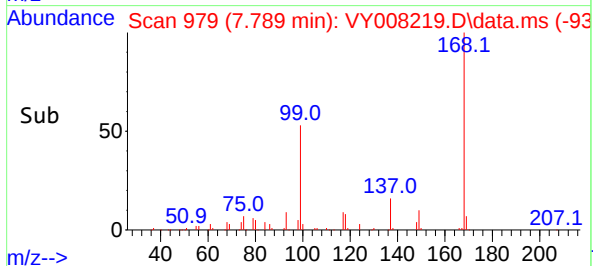
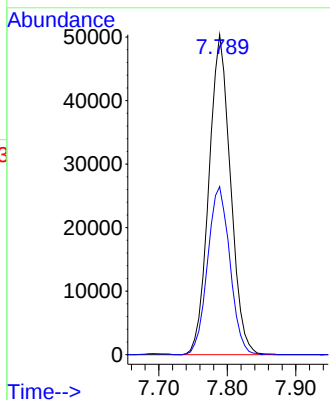
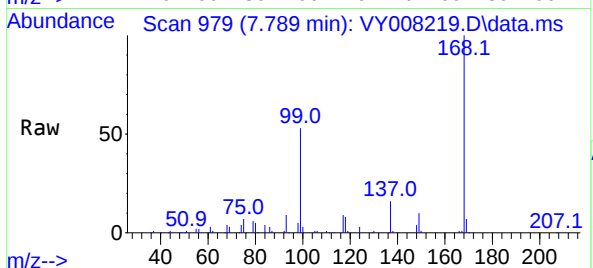




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

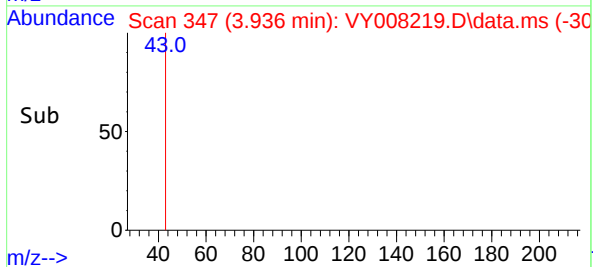
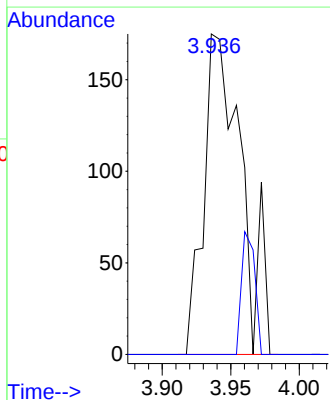
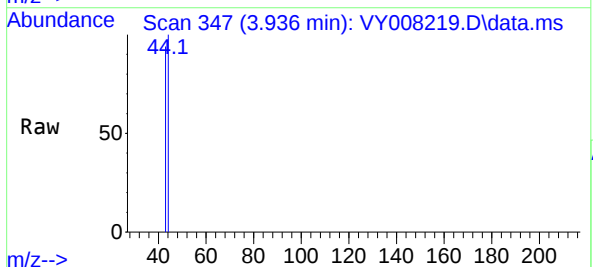
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

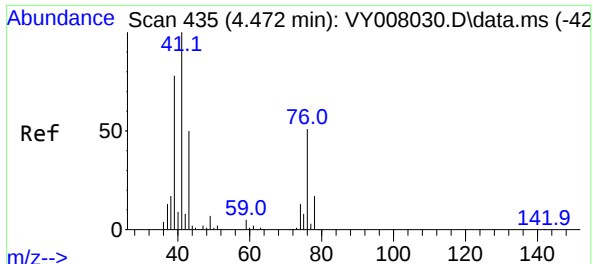
Tgt Ion:168 Resp: 110352
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 1.324 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008219.D

Acq: 05 Apr 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

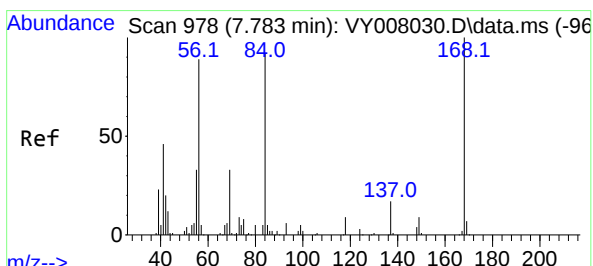
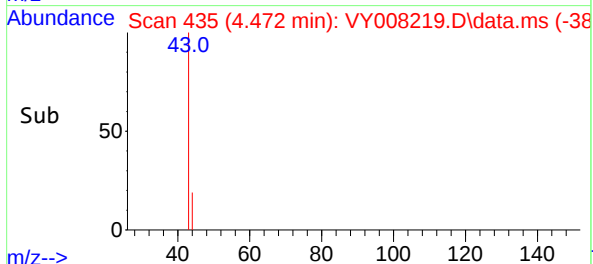
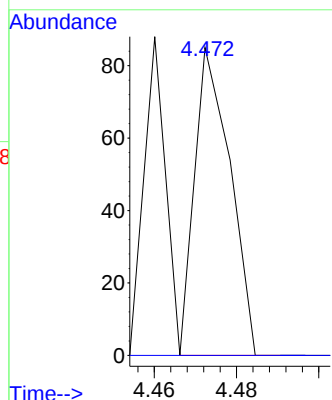
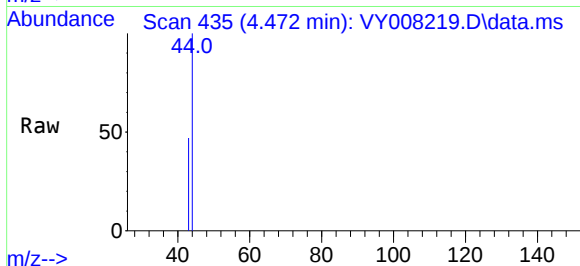
TP-6

Tgt Ion: 43 Resp: 51

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.093 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008219.D

Acq: 05 Apr 2022 18:57

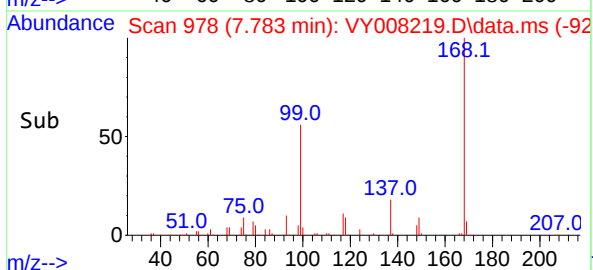
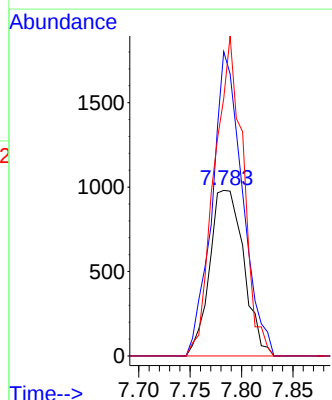
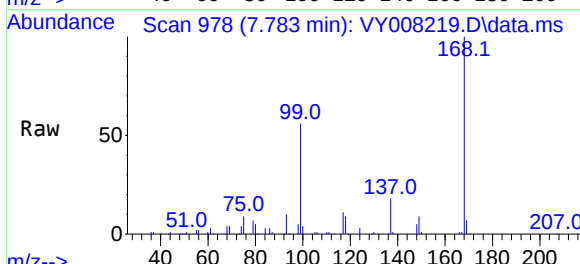
Tgt Ion: 56 Resp: 2263

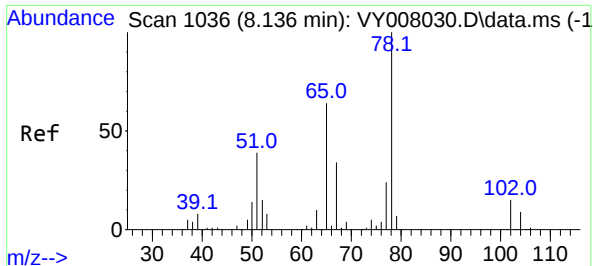
Ion Ratio Lower Upper

56 100

69 183.7 26.7 40.1#

84 155.5 67.2 100.8#

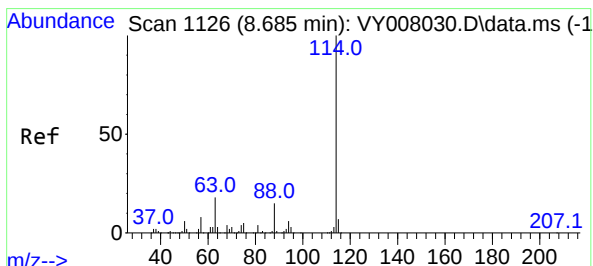
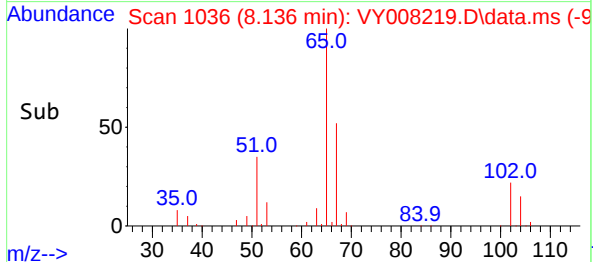
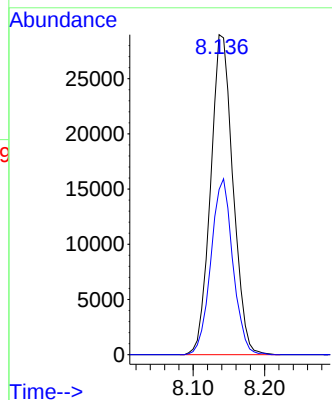
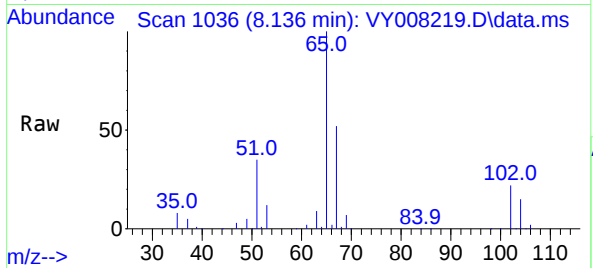




#33
1,2-Dichloroethane-d4
Concen: 56.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

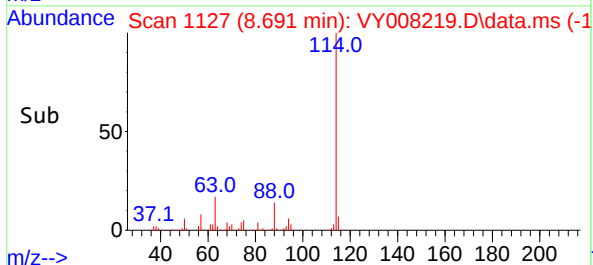
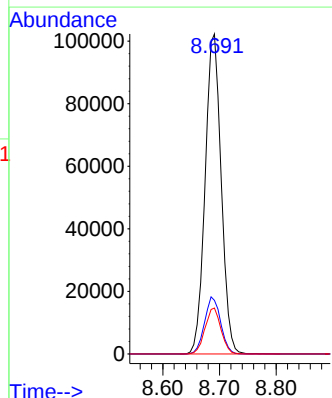
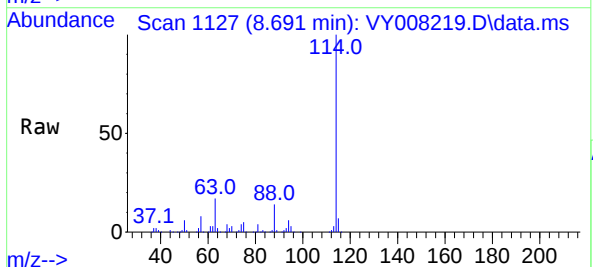
Instrument :
MSVOA_Y
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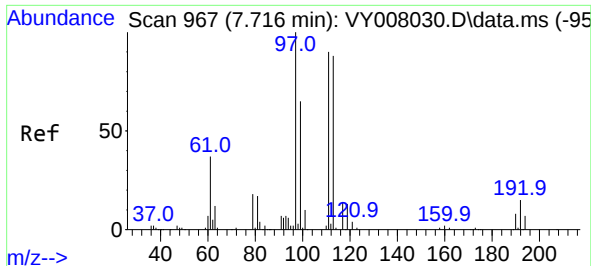
Tgt Ion: 65 Resp: 62956
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 114 Resp: 201061
Ion Ratio Lower Upper
114 100
63 16.8 0.0 43.2
88 14.4 0.0 31.8

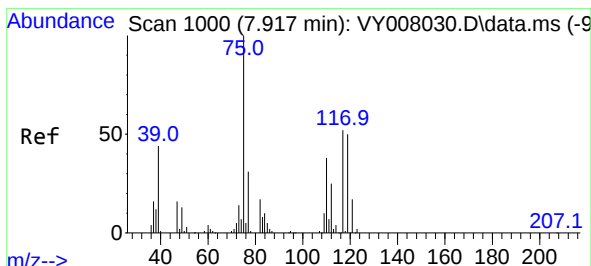
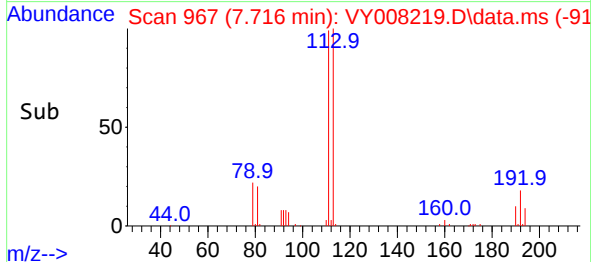
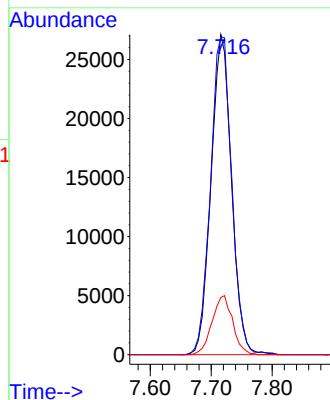
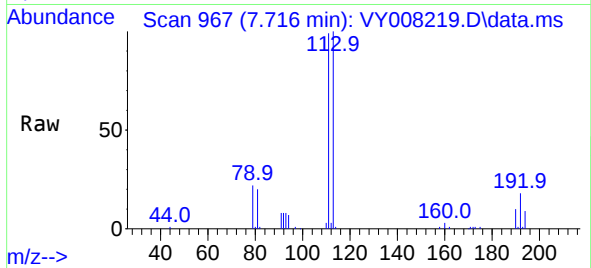




#35
Dibromofluoromethane
Concen: 50.168 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

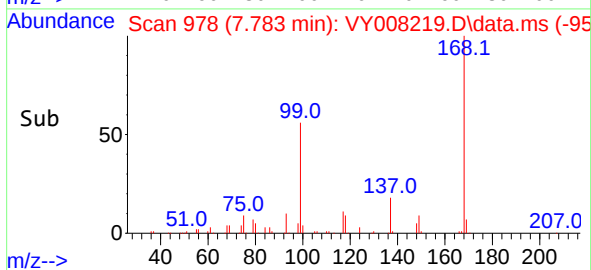
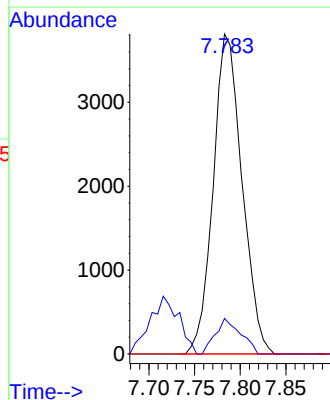
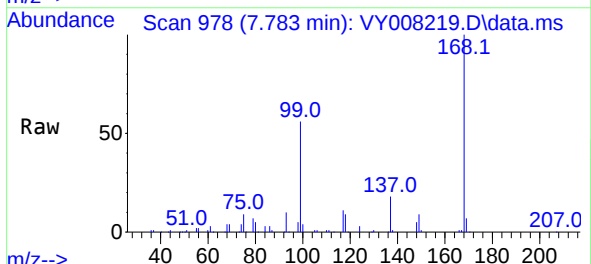
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

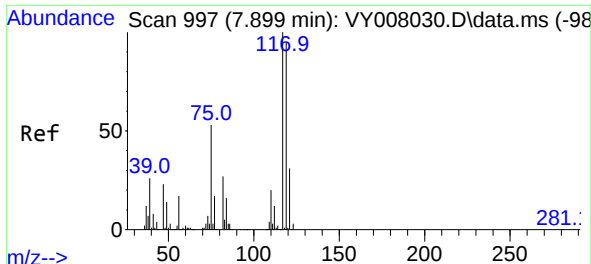
Tgt Ion:113 Resp: 63241
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.225 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 75 Resp: 8367
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

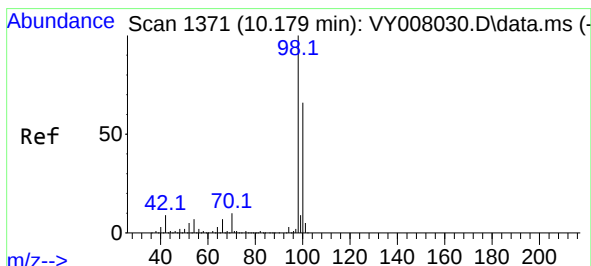
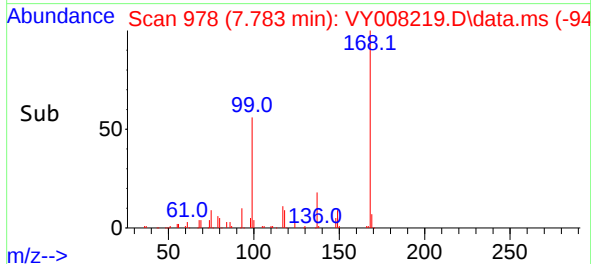
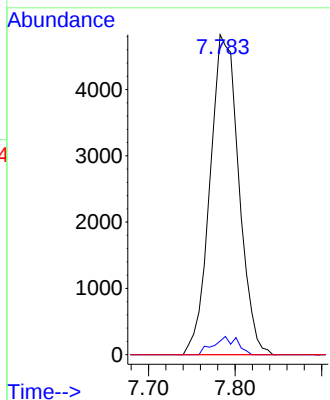
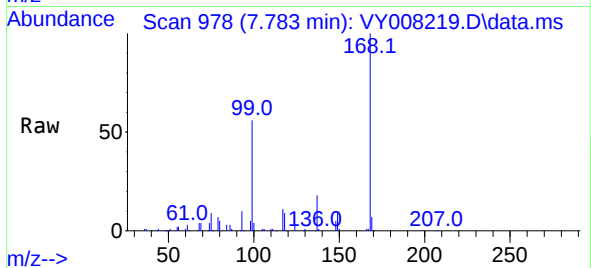




#38
Carbon Tetrachloride
Concen: 5.158 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

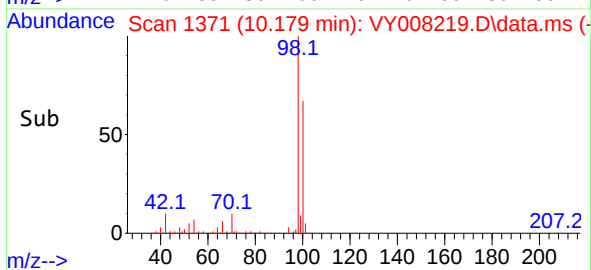
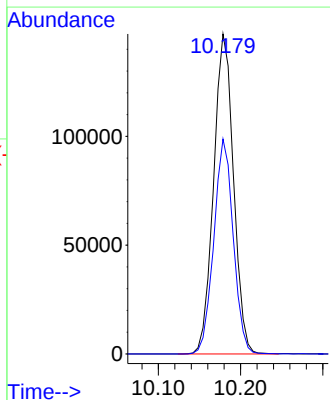
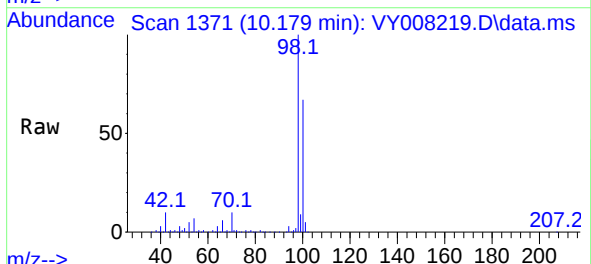
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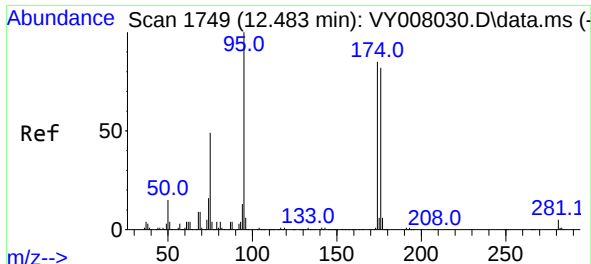
Tgt Ion:117 Resp: 11131
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.060 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 98 Resp: 247250
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

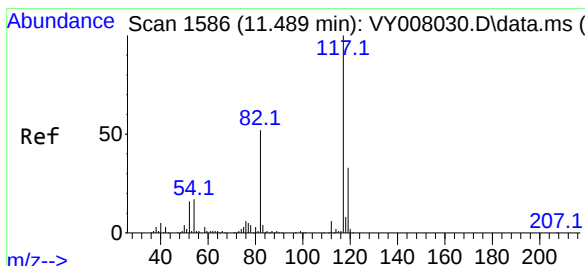
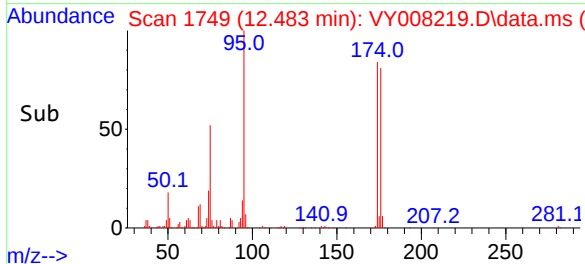
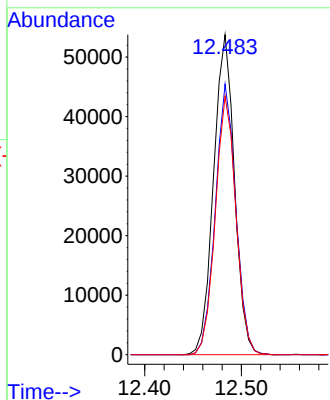
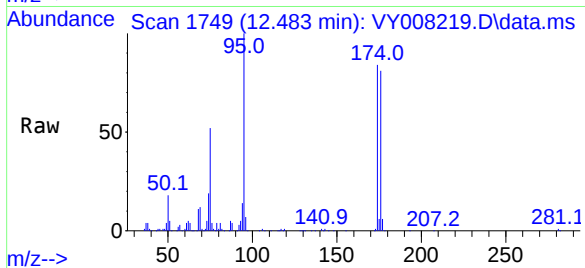




#62
4-Bromofluorobenzene
Concen: 48.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

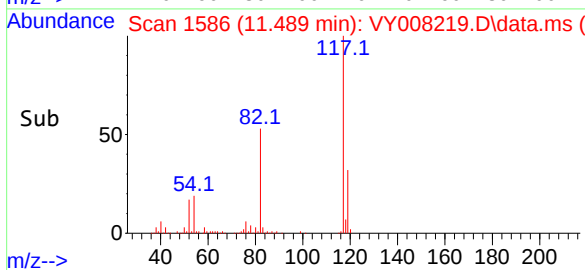
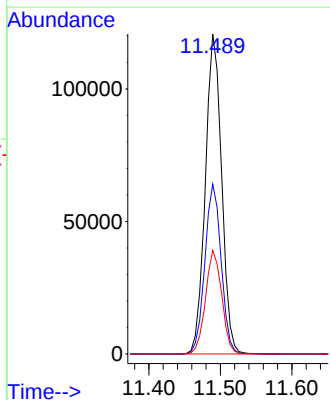
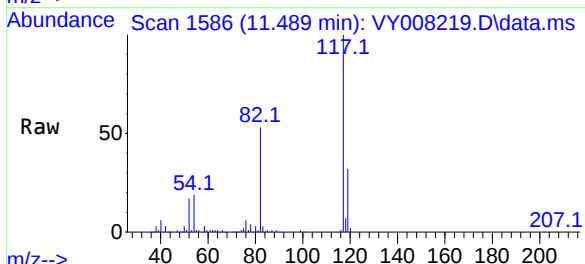
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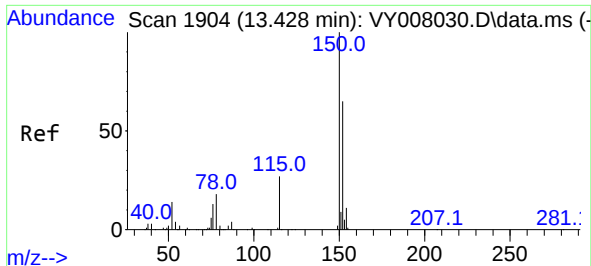
Tgt Ion: 95 Resp: 80651
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 117 Resp: 191165
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.4 25.4 38.0

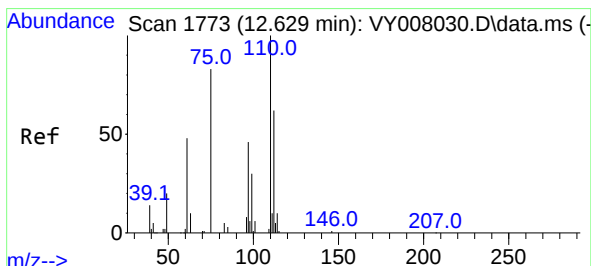
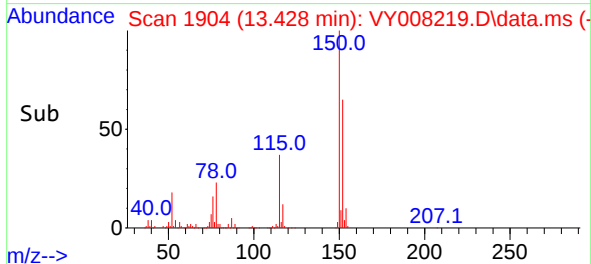
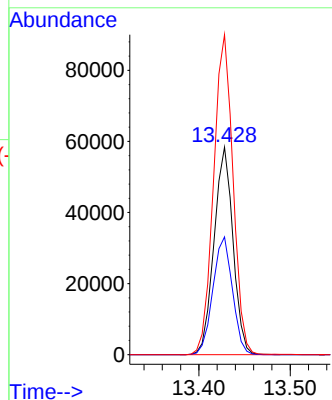
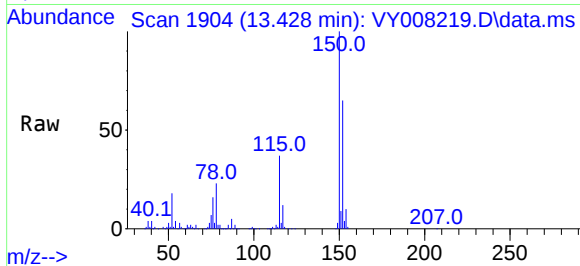




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008219.D
 Acq: 05 Apr 2022 18:57

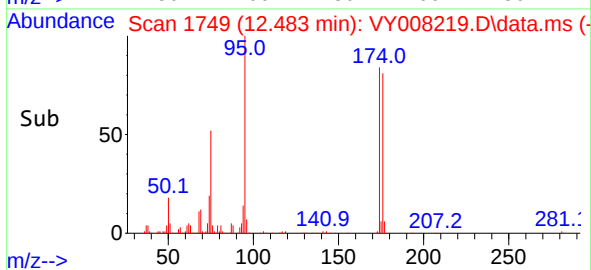
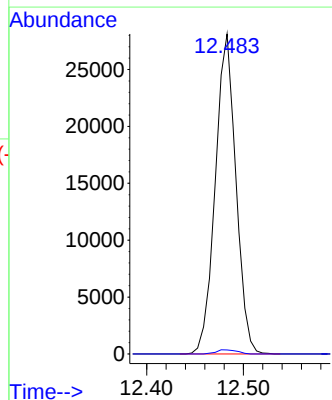
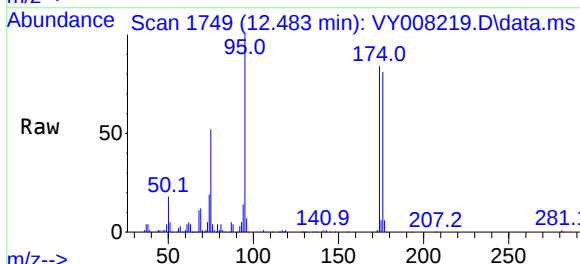
Instrument :
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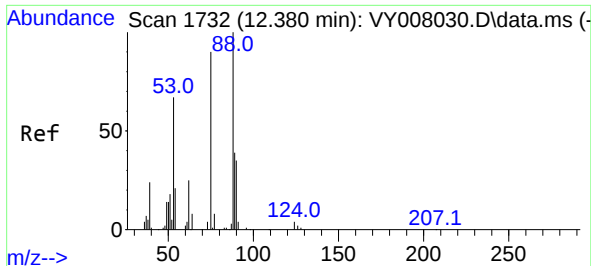
Tgt Ion:152 Resp: 84209
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 158.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.551 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008219.D
 Acq: 05 Apr 2022 18:57

Tgt Ion: 75 Resp: 41626
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.475 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008219.D
 Acq: 05 Apr 2022 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Tgt Ion: 75 Resp: 41626
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

