

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009638.D
 Acq On : 21 Jul 2022 17:12
 Operator : KP/MD
 Sample : N3786-17
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC17A

Quant Time: Jul 22 02:30:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

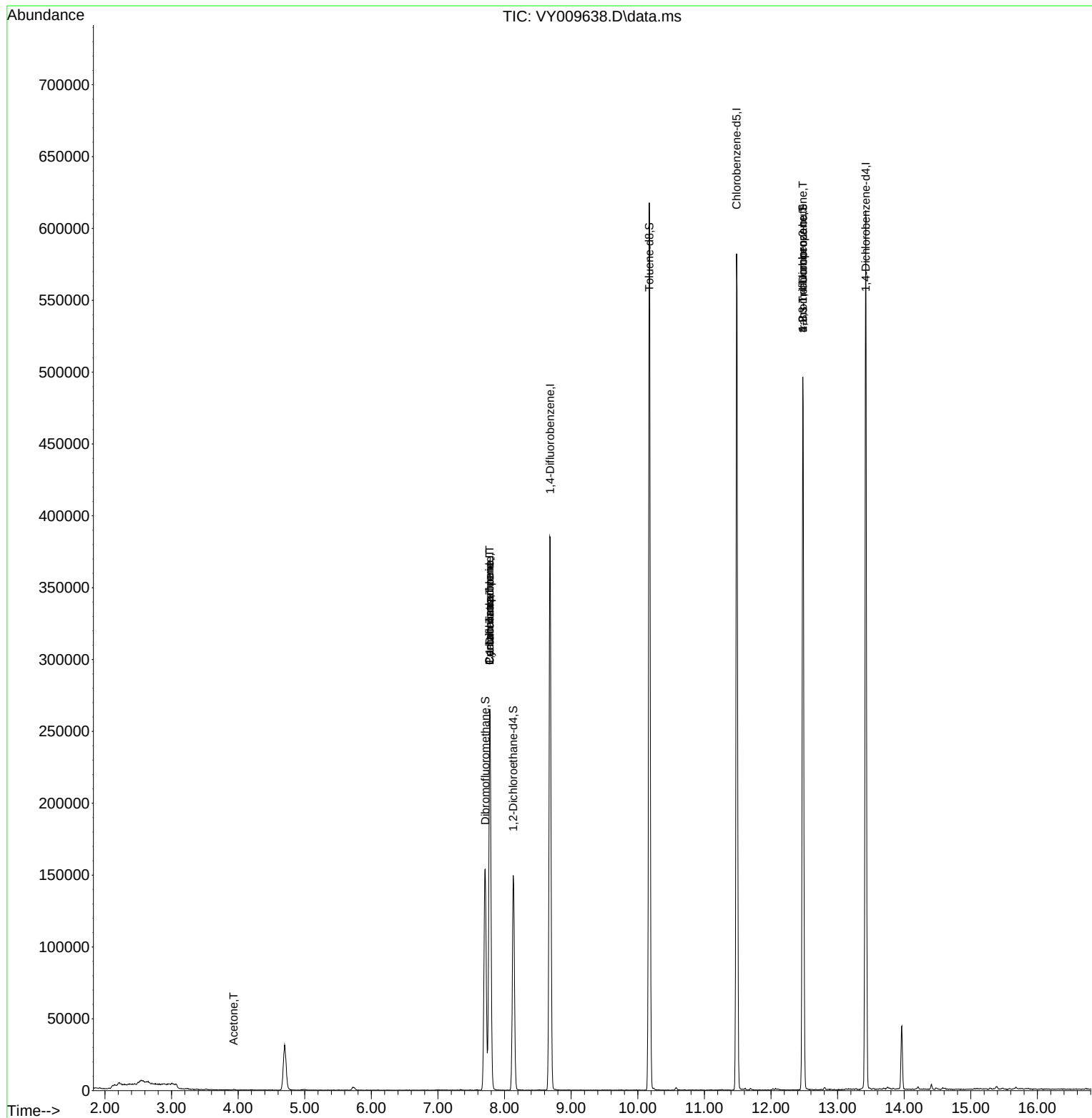
Internal Standards						
1) Pentafluorobenzene	7.777	168	219157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	330616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	115495	55.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.440%	
35) Dibromofluoromethane	7.710	113	110458	49.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.100%	
50) Toluene-d8	10.173	98	403409	47.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.477	95	132567	47.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 95.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	370	Below Cal	#	77
16) Acetone	3.930	43	590	1.125	ug/l #	86
20) Methylene Chloride	4.698	84	24953	Below Cal		84
31) Cyclohexane	7.777	56	3732	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	14416	4.376	ug/l #	50
38) Carbon Tetrachloride	7.777	117	19700	5.712	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	66464	43.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66464	85.353	ug/l #	7

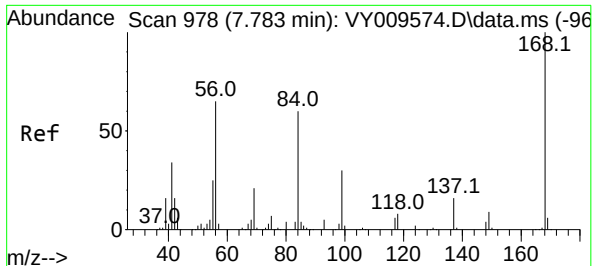
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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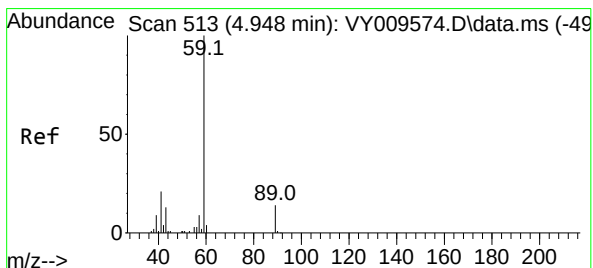
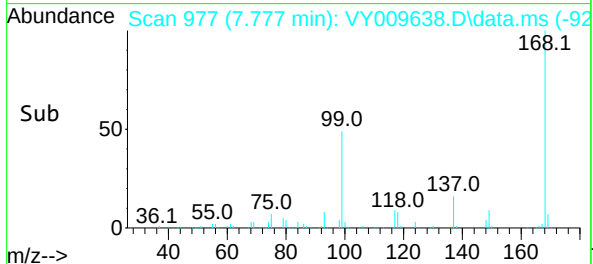
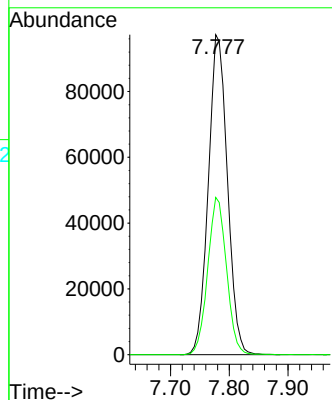
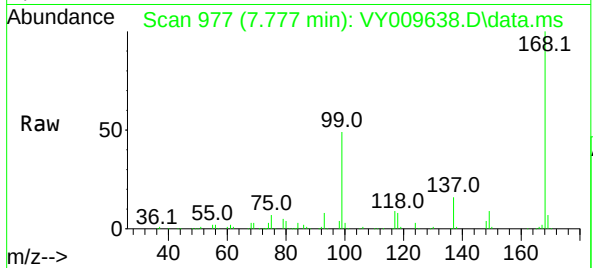




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

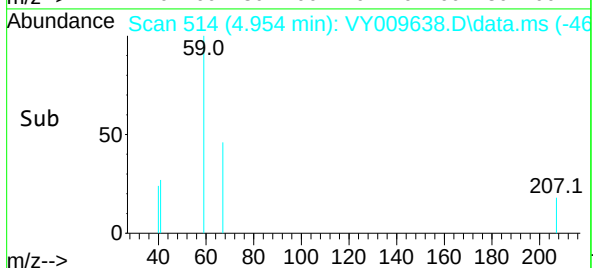
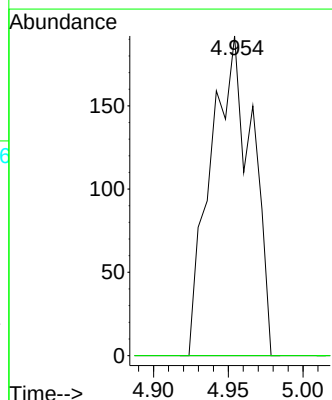
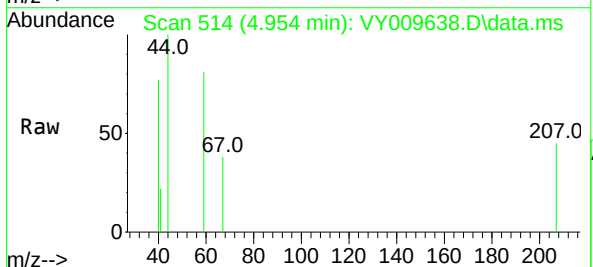
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17A

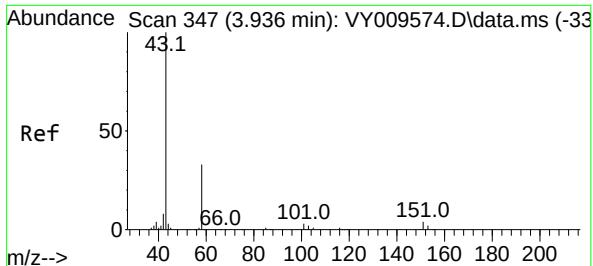
Tgt Ion:168 Resp: 219157
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

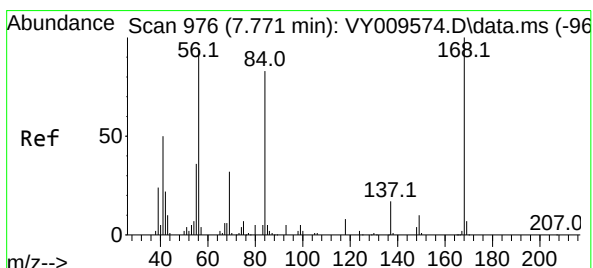
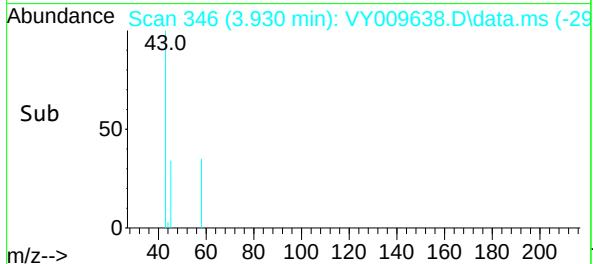
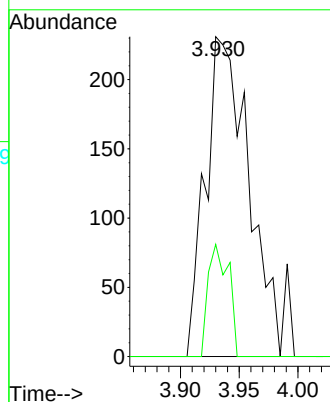
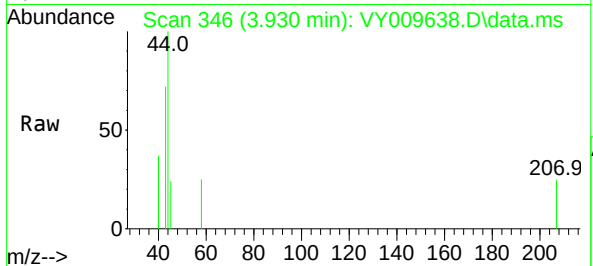




#16
Acetone
Concen: 1.125 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

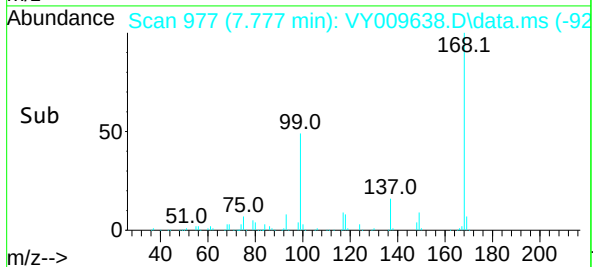
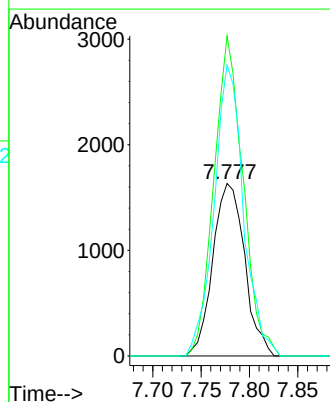
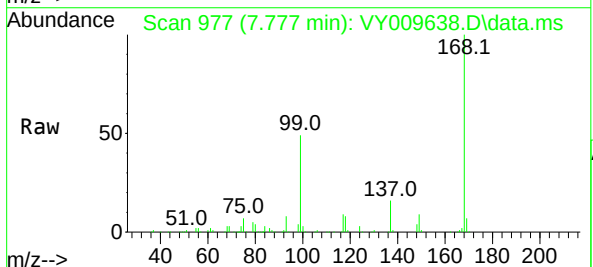
Instrument :
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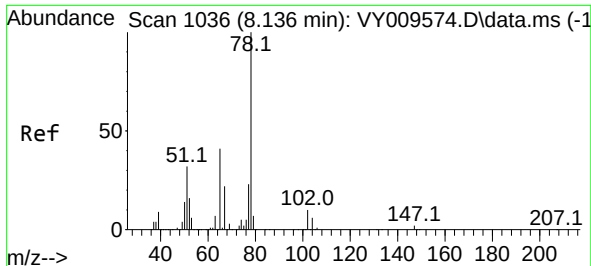
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

Tgt Ion: 56 Resp: 3732
Ion Ratio Lower Upper
56 100
69 185.6 26.7 40.1#
84 168.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.722 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009638.D

Acq: 21 Jul 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

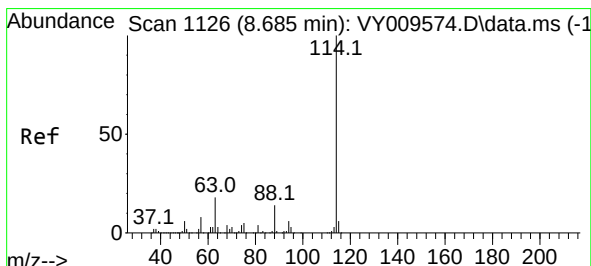
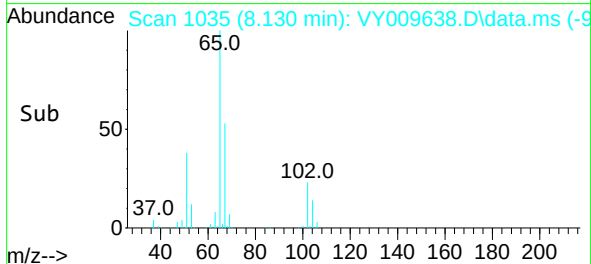
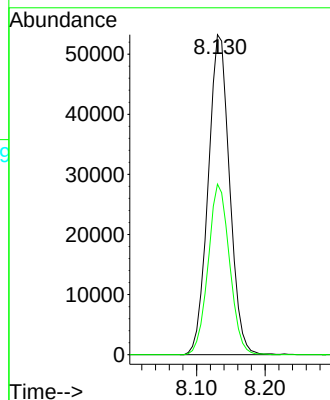
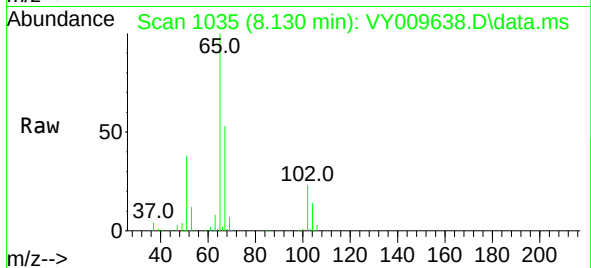
0718-WC-TP-WC17A

Tgt Ion: 65 Resp: 115495

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009638.D

Acq: 21 Jul 2022 17:12

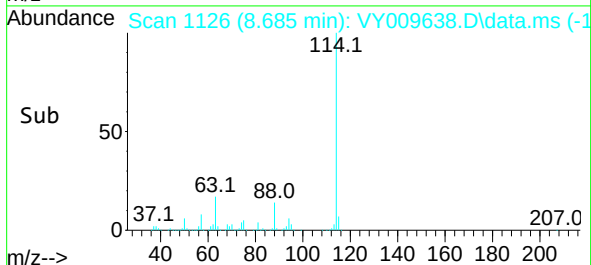
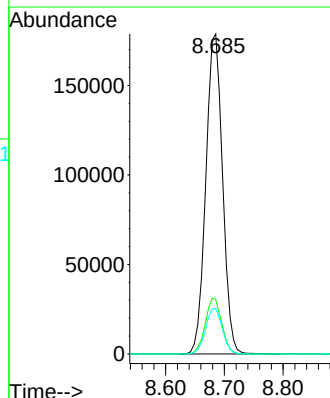
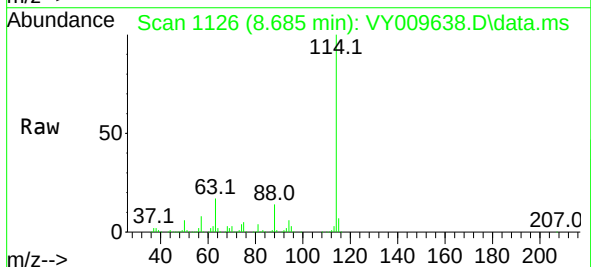
Tgt Ion:114 Resp: 353874

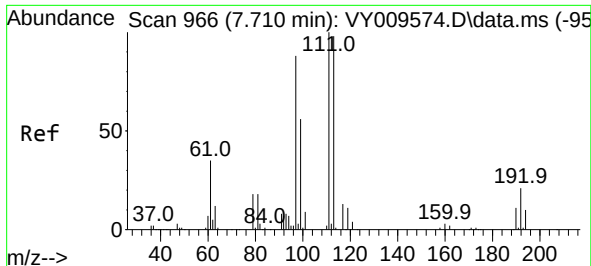
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.2 0.0 31.8

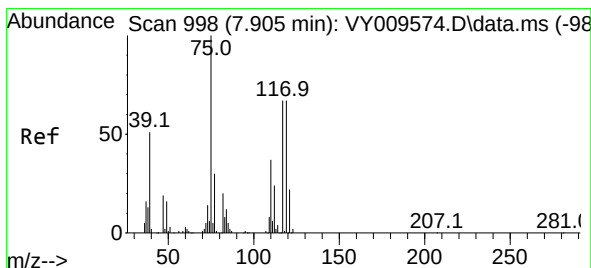
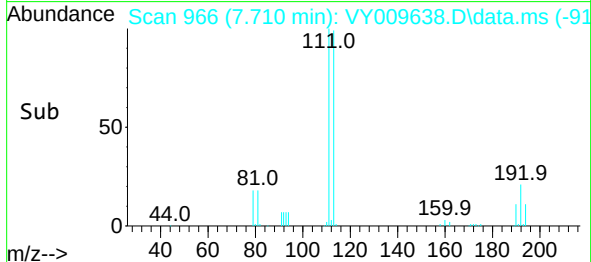
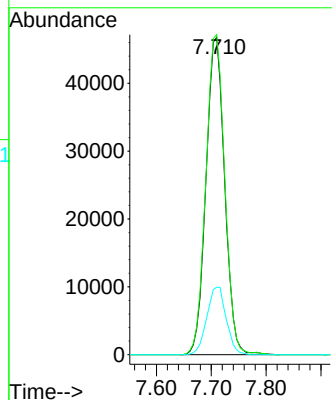
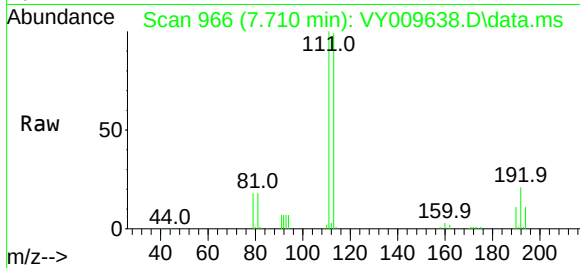




#35
Dibromofluoromethane
Concen: 49.546 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

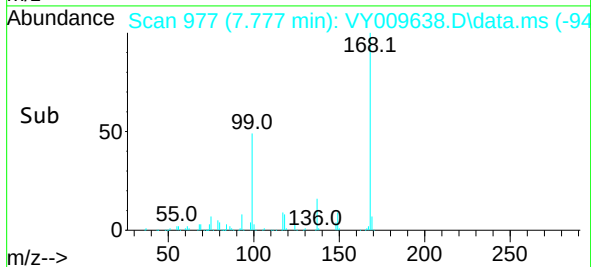
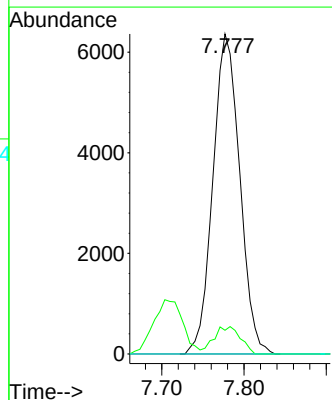
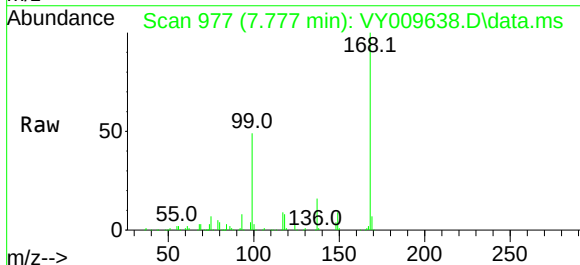
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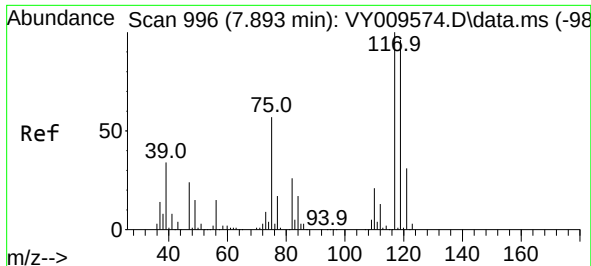
Tgt Ion:113 Resp: 110458
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.376 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

Tgt Ion: 75 Resp: 14416
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

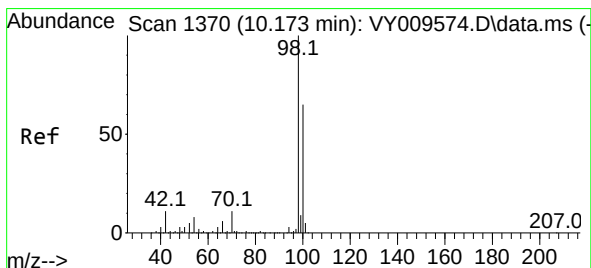
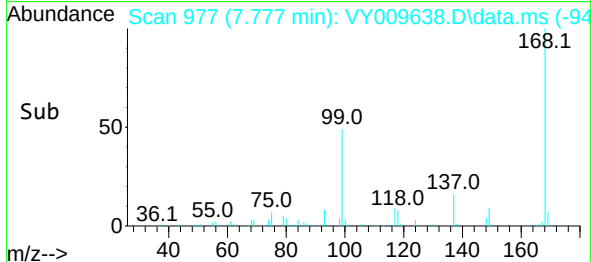
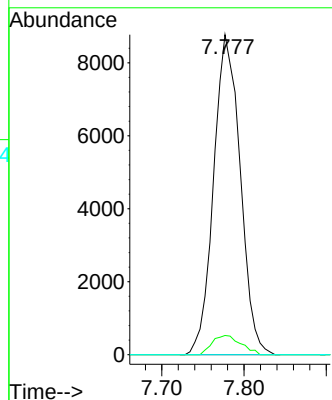
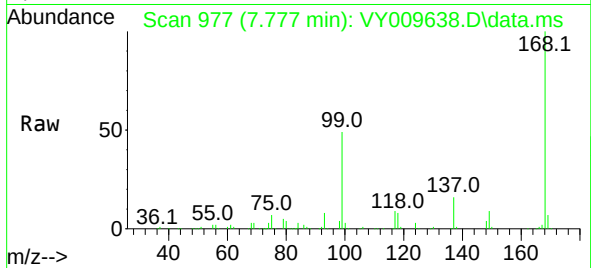




#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

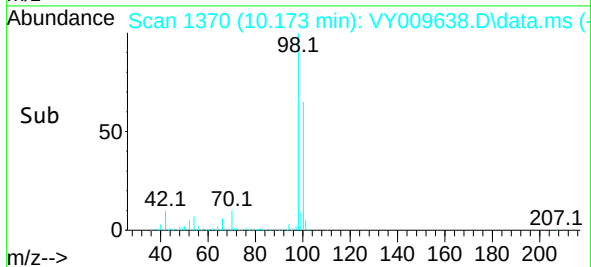
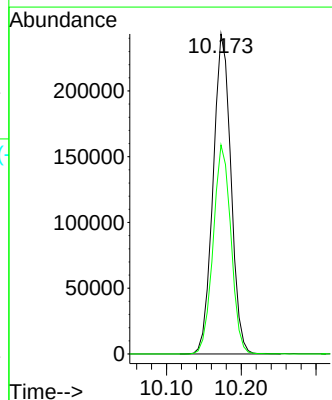
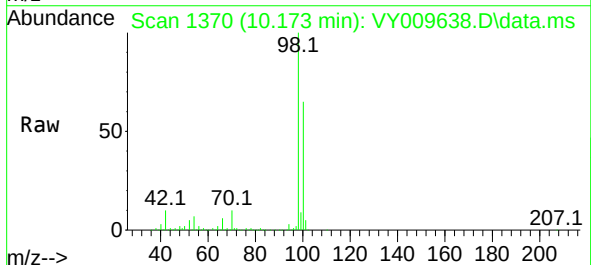
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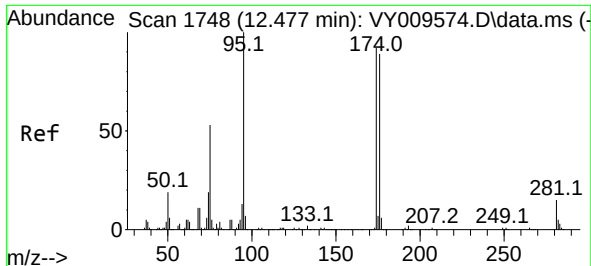
Tgt Ion:117 Resp: 19700
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.070 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

Tgt Ion: 98 Resp: 403409
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

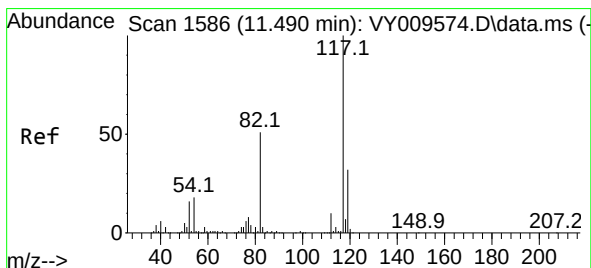
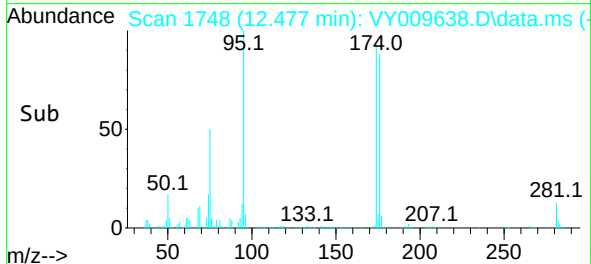
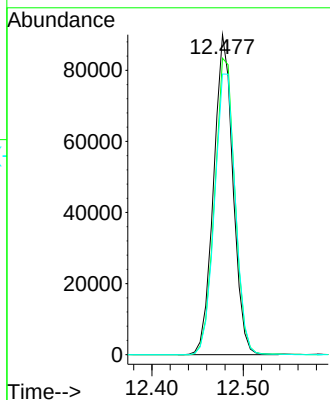
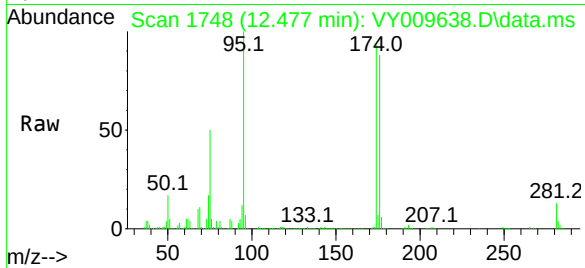




#62
4-Bromofluorobenzene
Concen: 47.736 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

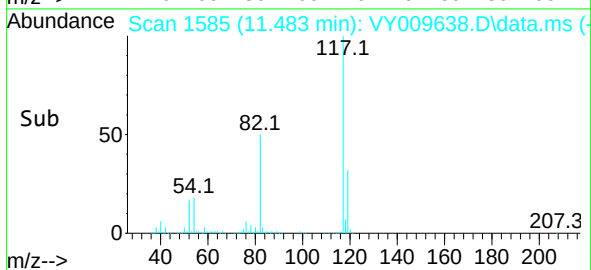
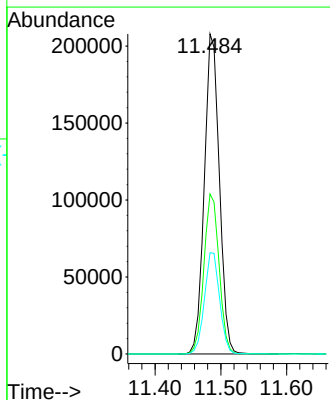
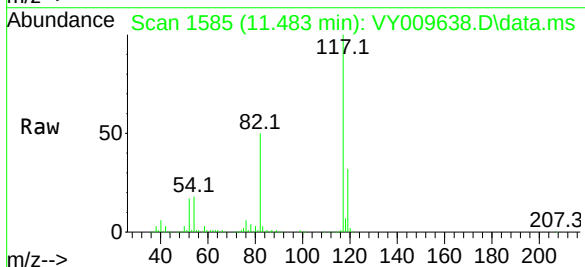
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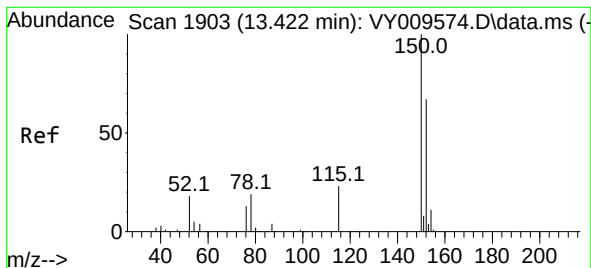
Tgt Ion: 95 Resp: 132567
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 94.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009638.D
Acq: 21 Jul 2022 17:12

Tgt Ion: 117 Resp: 330616
Ion Ratio Lower Upper
117 100
82 50.0 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: VY009638.D

Acq: 21 Jul 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC17A

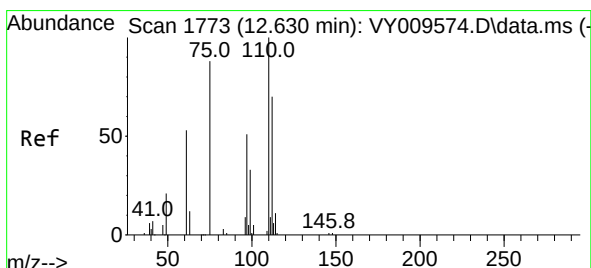
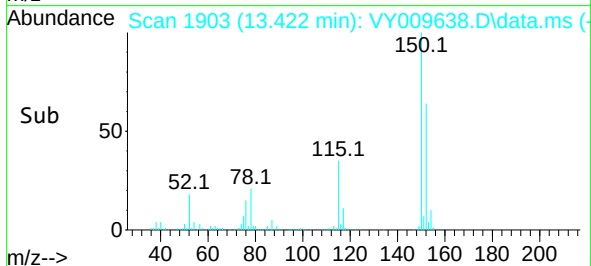
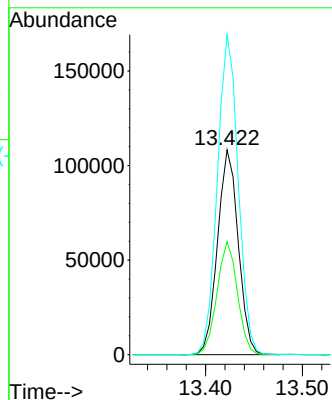
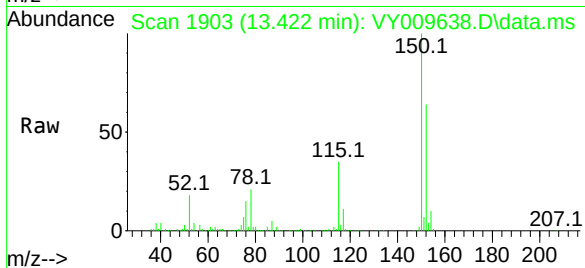
Tgt Ion:152 Resp: 161180

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 157.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 43.287 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009638.D

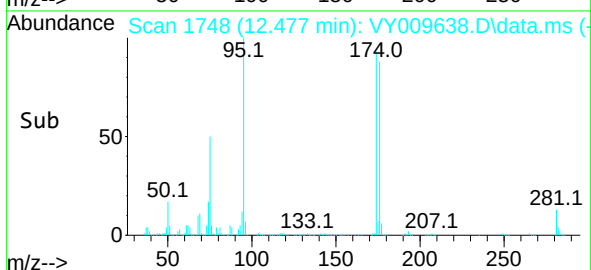
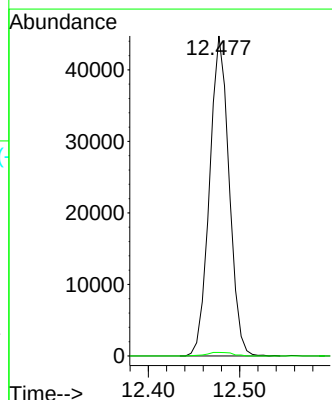
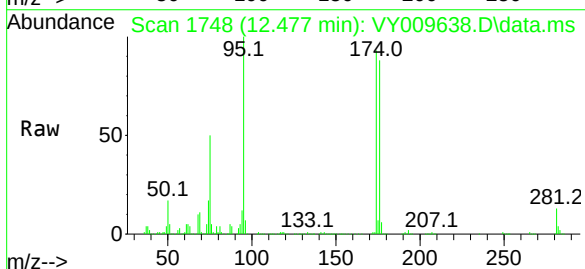
Acq: 21 Jul 2022 17:12

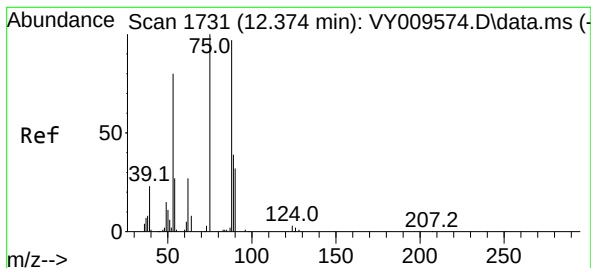
Tgt Ion: 75 Resp: 66464

Ion Ratio Lower Upper

75 100

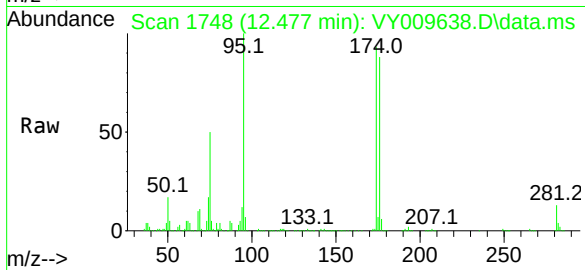
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.353 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009638.D
 Acq: 21 Jul 2022 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC17A



Tgt Ion: 75 Resp: 66464
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

