

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009634.D
 Acq On : 21 Jul 2022 15:36
 Operator : KP/MD
 Sample : N3786-09
 Misc : 6.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3EB

Quant Time: Jul 22 02:30:15 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)

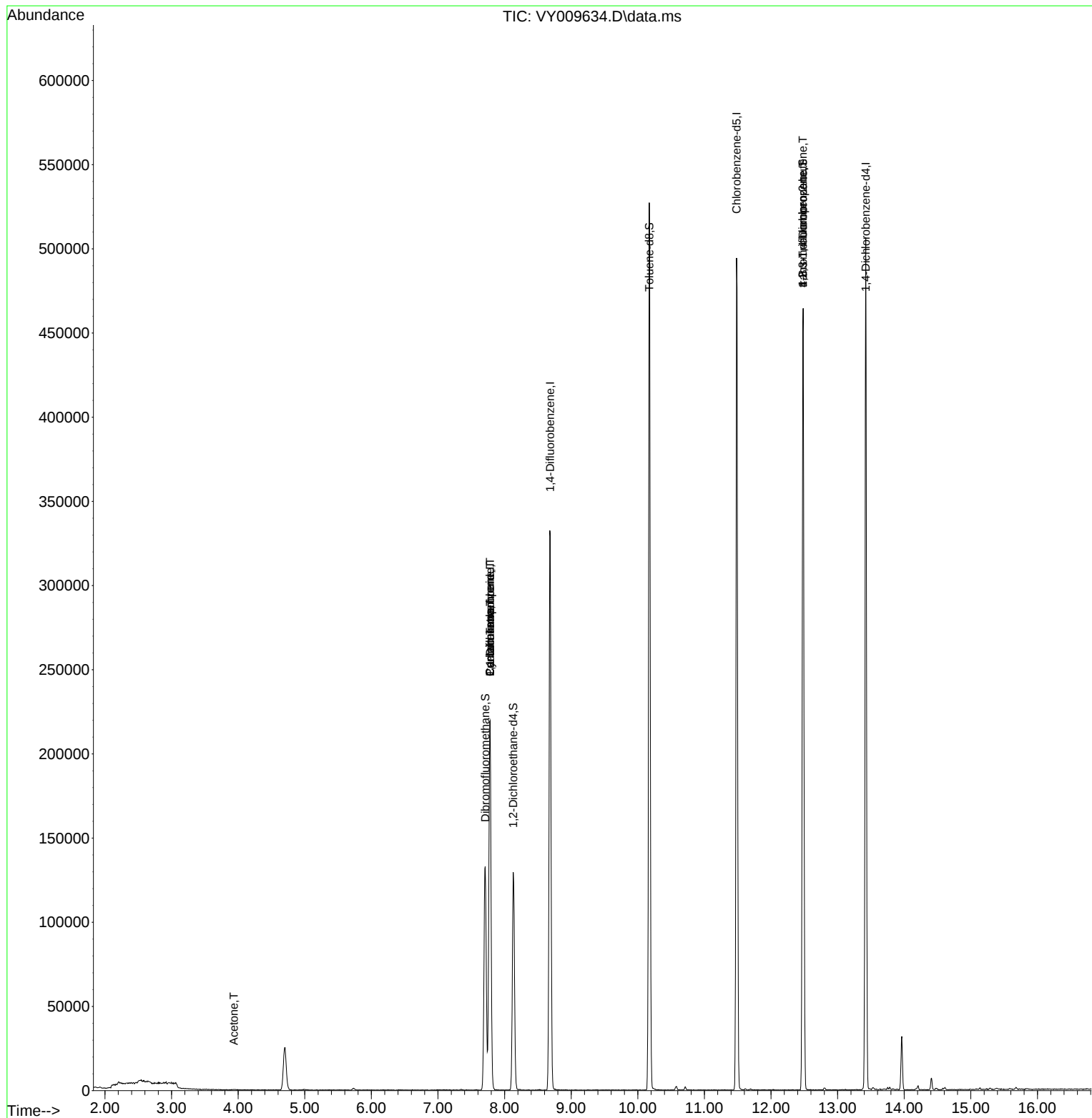
Internal Standards						
1) Pentafluorobenzene	7.783	168	185699	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	302553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	284101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101224	57.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.280%	
35) Dibromofluoromethane	7.710	113	95930	50.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.660%	
50) Toluene-d8	10.173	98	346153	47.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	12.477	95	113110	47.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	83	Below Cal	#	77
16) Acetone	3.936	43	616	1.387	ug/l #	47
20) Methylene Chloride	4.692	84	21006	Below Cal	#	73
31) Cyclohexane	7.783	56	3180	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11689	4.150	ug/l #	52
38) Carbon Tetrachloride	7.783	117	17040	5.779	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	56288	43.863	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56288	86.488	ug/l #	7

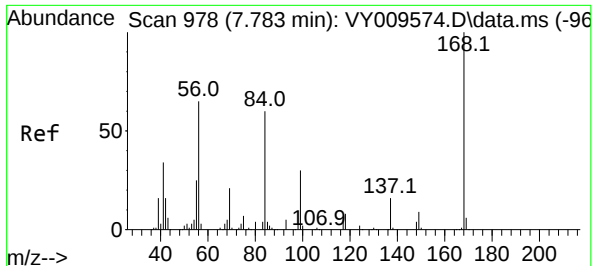
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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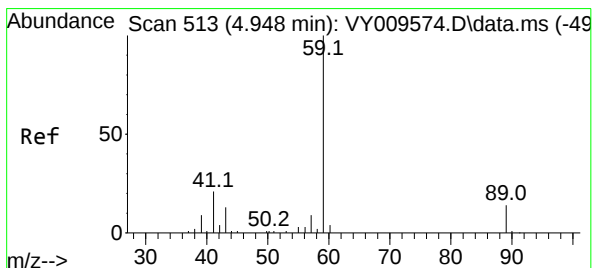
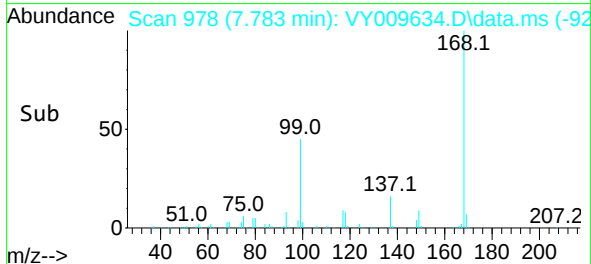
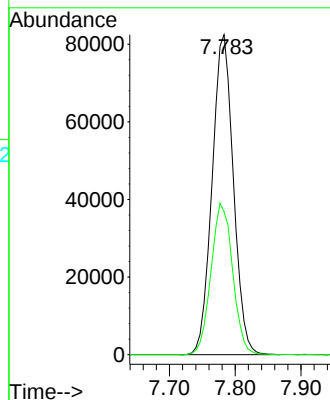
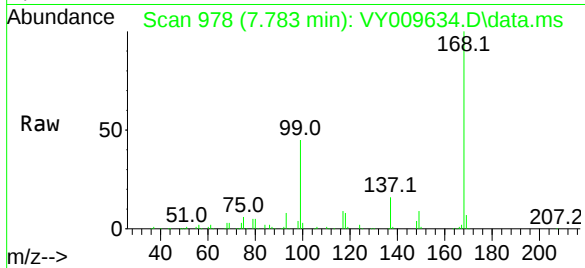




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

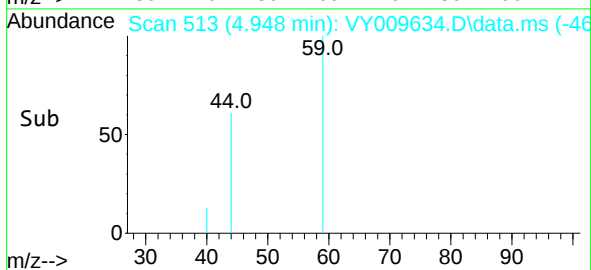
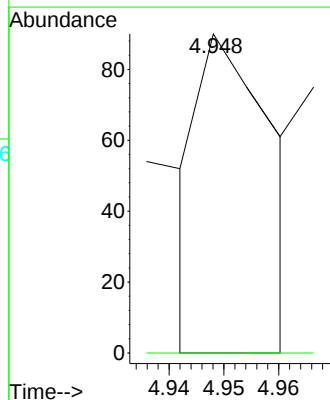
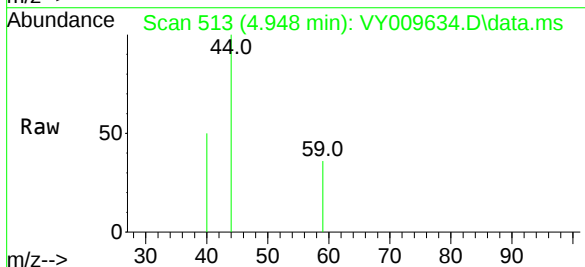
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3EB

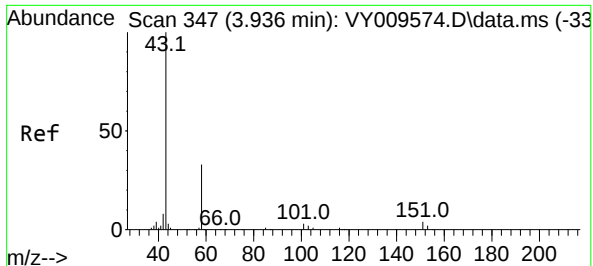
Tgt Ion:168 Resp: 185699
Ion Ratio Lower Upper
168 100
99 44.7 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

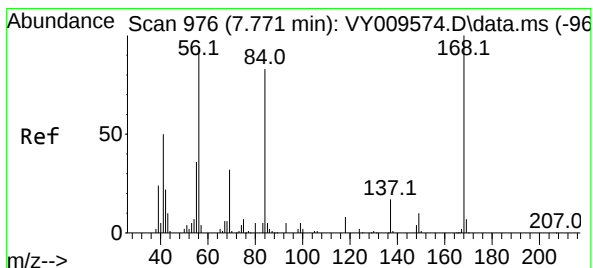
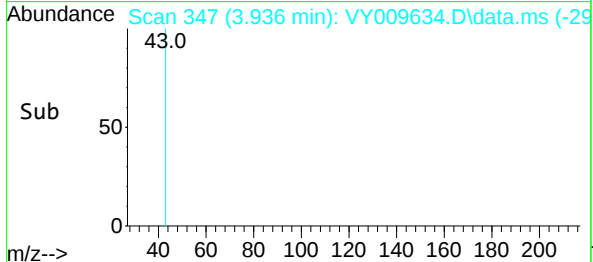
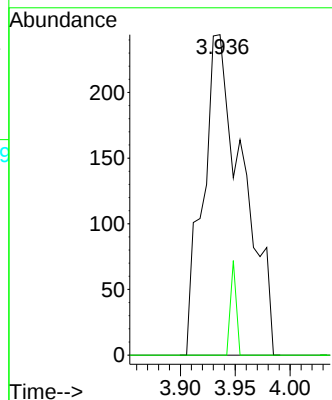
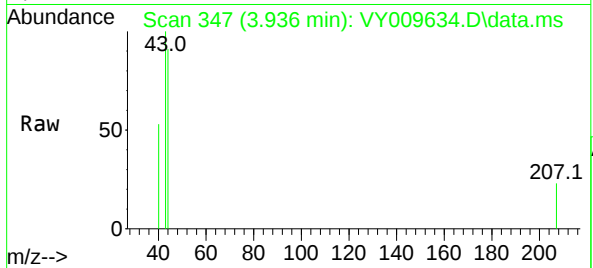




#16
Acetone
Concen: 1.387 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

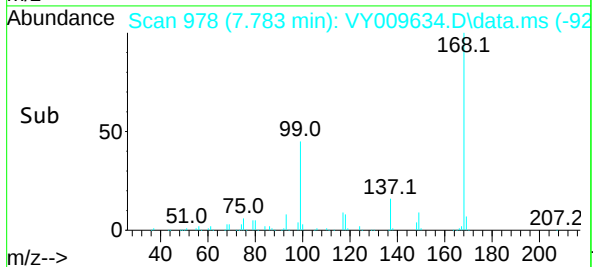
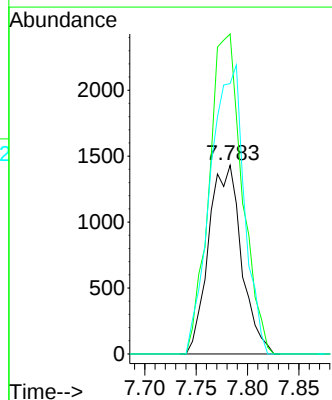
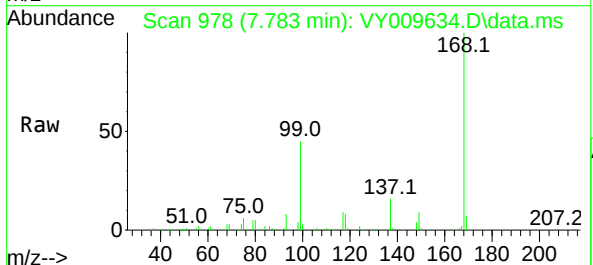
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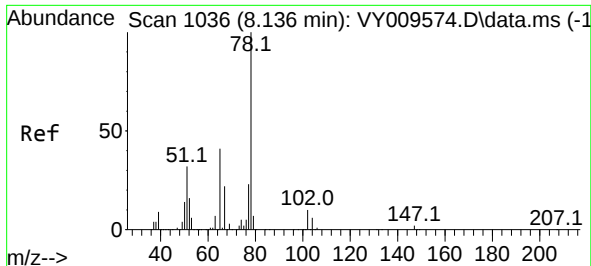
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
69 169.6 26.7 40.1#
84 143.3 67.2 100.8#

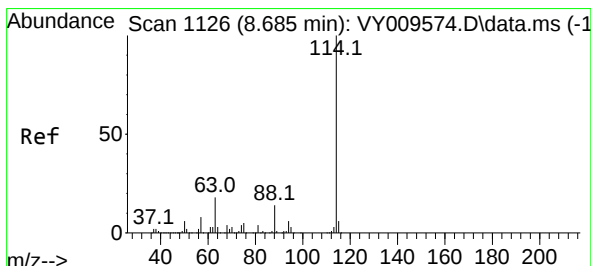
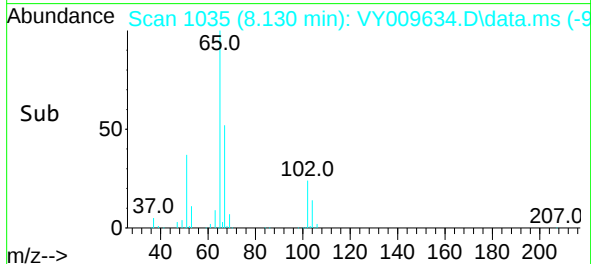
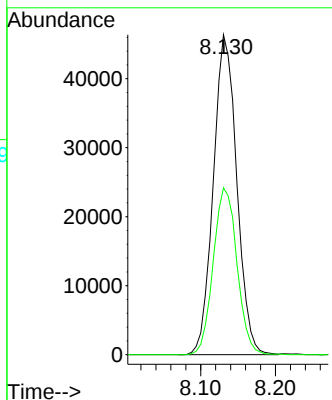
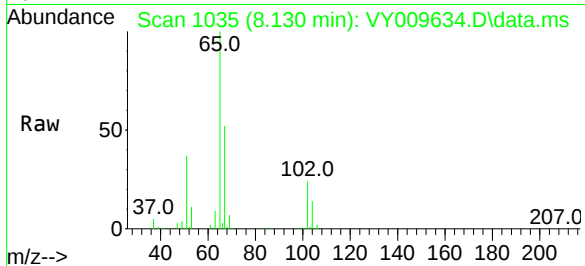




#33
 1,2-Dichloroethane-d4
 Concen: 57.636 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009634.D
 Acq: 21 Jul 2022 15:36

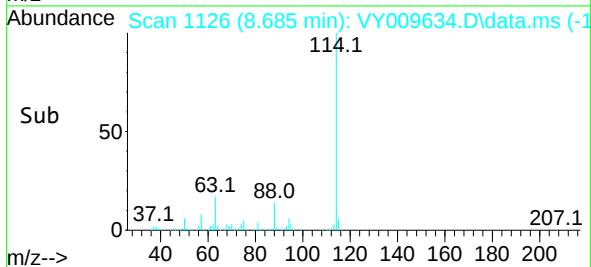
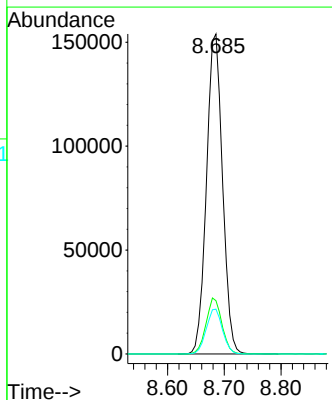
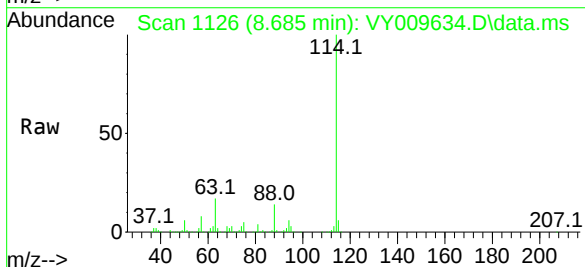
Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3EB

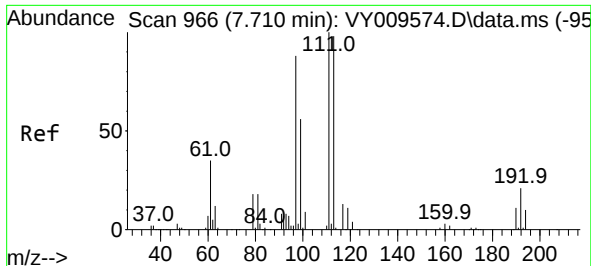
Tgt Ion: 65 Resp: 101224
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009634.D
 Acq: 21 Jul 2022 15:36

Tgt Ion: 114 Resp: 302553
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 43.2
 88 14.0 0.0 31.8

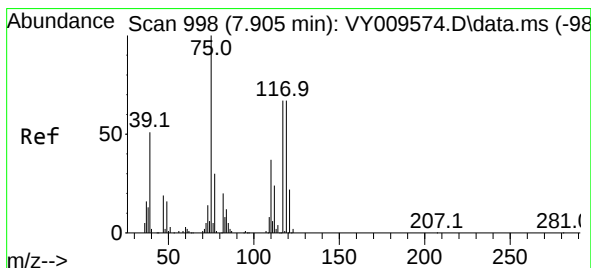
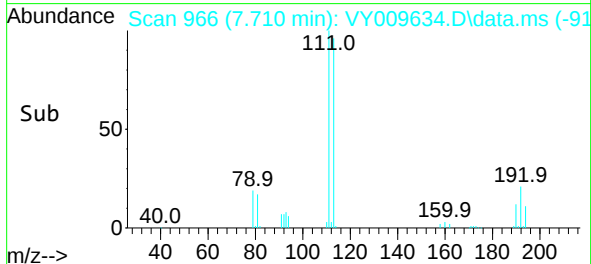
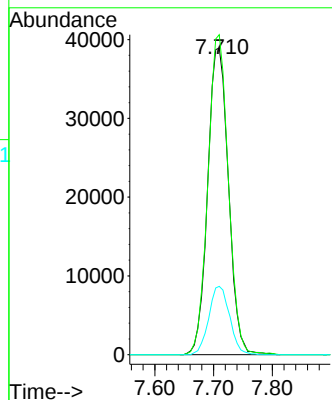
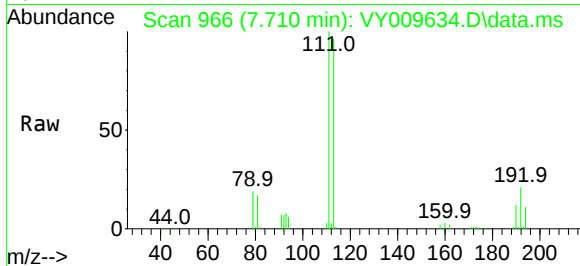




#35
Dibromofluoromethane
Concen: 50.329 ug/l
RT: 7.710 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

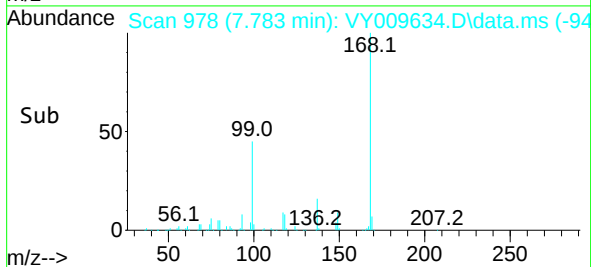
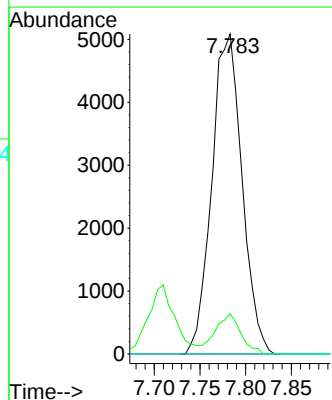
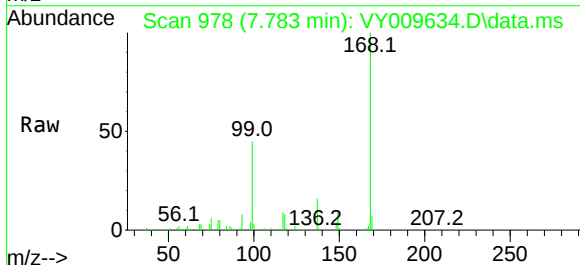
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ClientSampleId :
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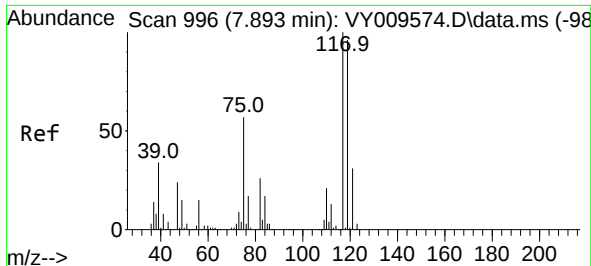
Tgt Ion:113 Resp: 95930
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 22.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 75 Resp: 11689
Ion Ratio Lower Upper
75 100
110 10.9 17.1 51.2#
77 0.0 24.4 36.6#

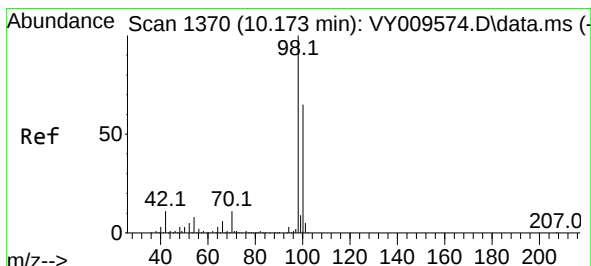
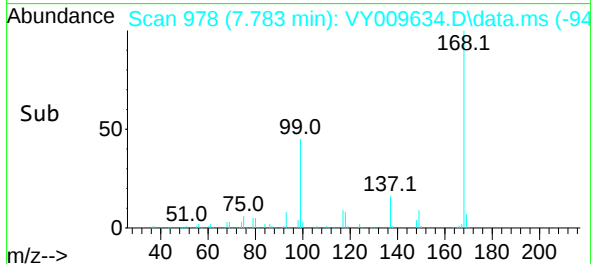
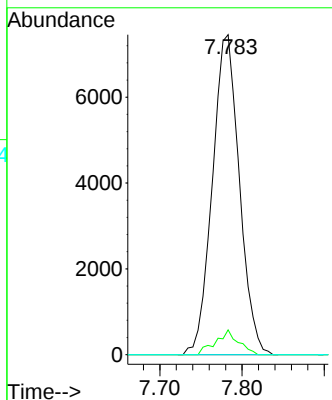
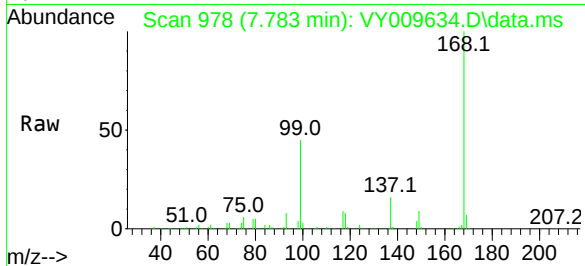




#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

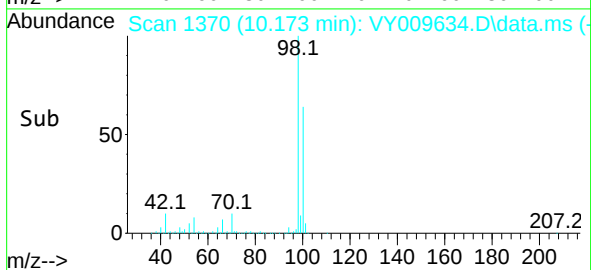
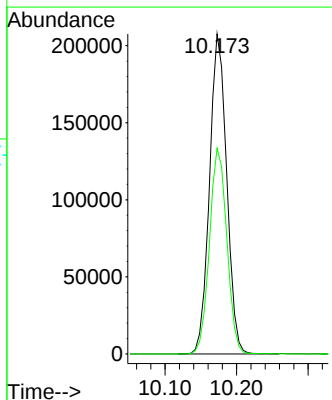
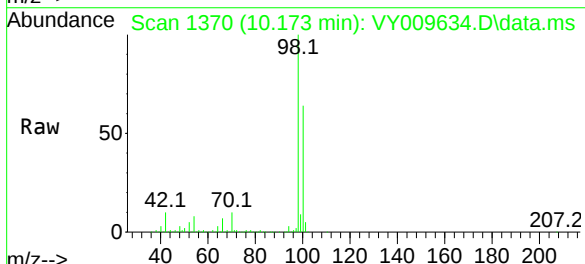
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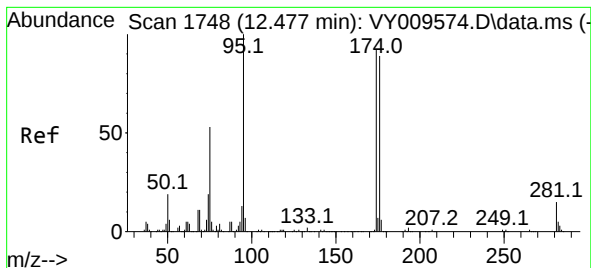
Tgt Ion:117 Resp: 17040
Ion Ratio Lower Upper
117 100
119 7.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.240 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 98 Resp: 346153
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

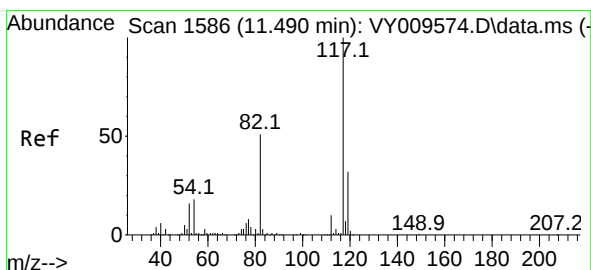
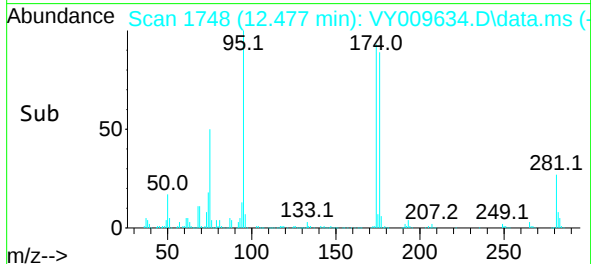
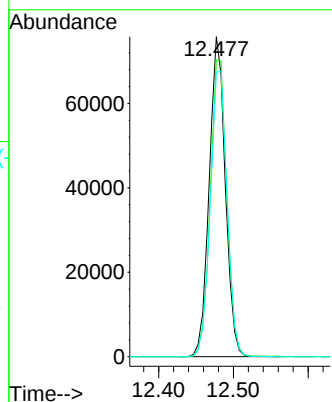
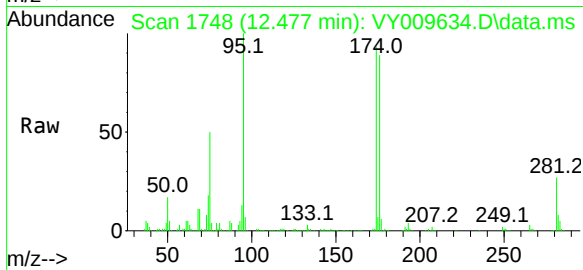




#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

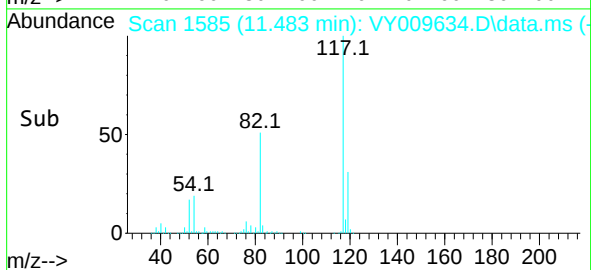
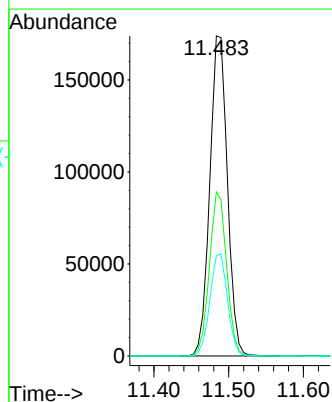
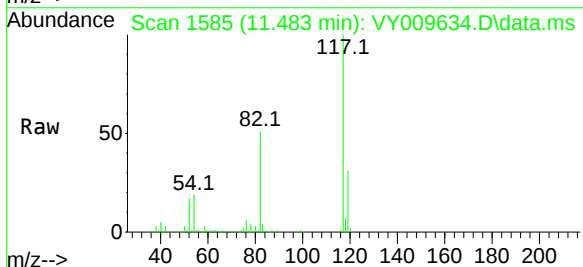
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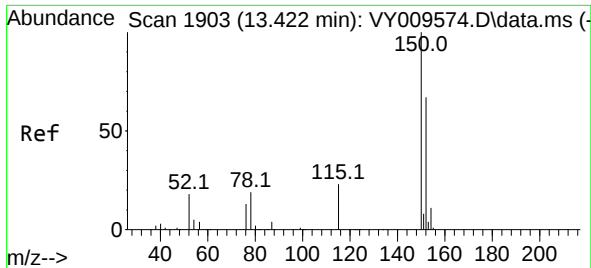
Tgt Ion: 95 Resp: 113110
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 93.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 117 Resp: 284101
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.3 25.4 38.0

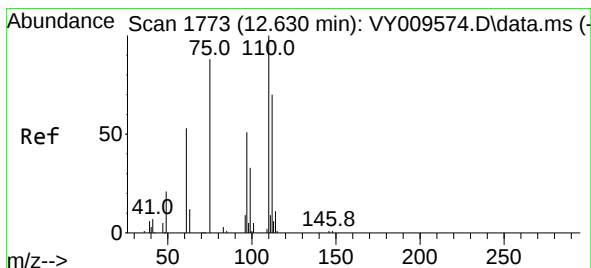
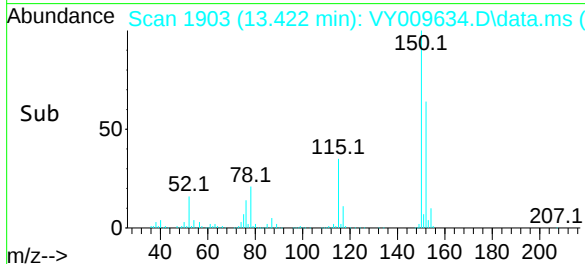
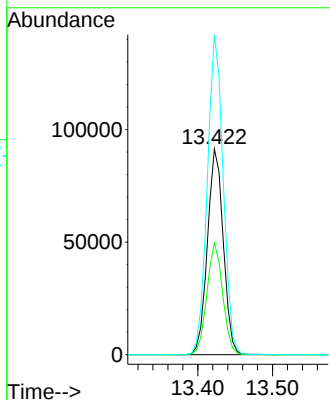
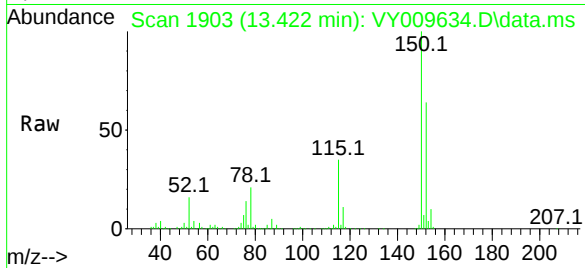




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

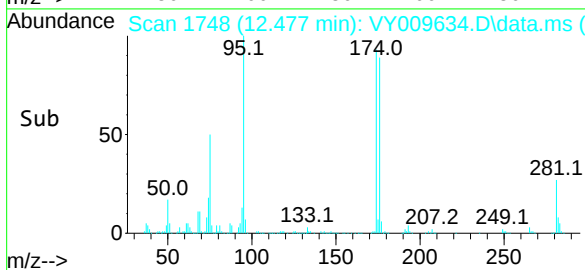
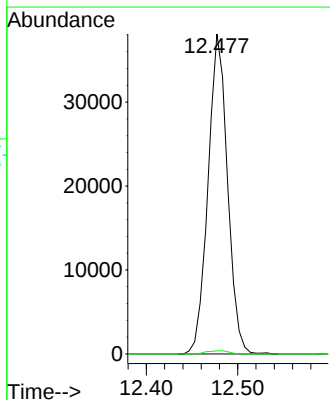
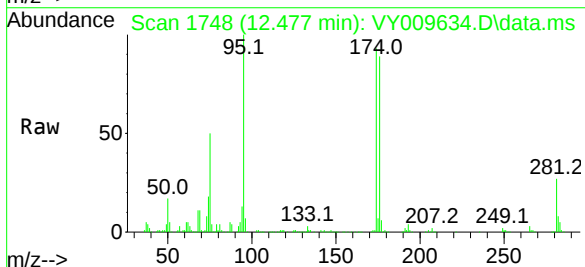
Instrument :
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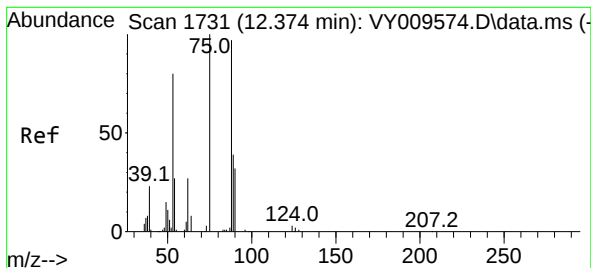
Tgt Ion:152 Resp: 134712
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 155.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 43.863 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009634.D
Acq: 21 Jul 2022 15:36

Tgt Ion: 75 Resp: 56288
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.488 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009634.D
 Acq: 21 Jul 2022 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3EB

Tgt Ion: 75 Resp: 56288
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.6 37.0 55.4#

