

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009636.D
 Acq On : 21 Jul 2022 16:24
 Operator : KP/MD
 Sample : N3786-13
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC5A

Quant Time: Jul 22 02:30:31 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)

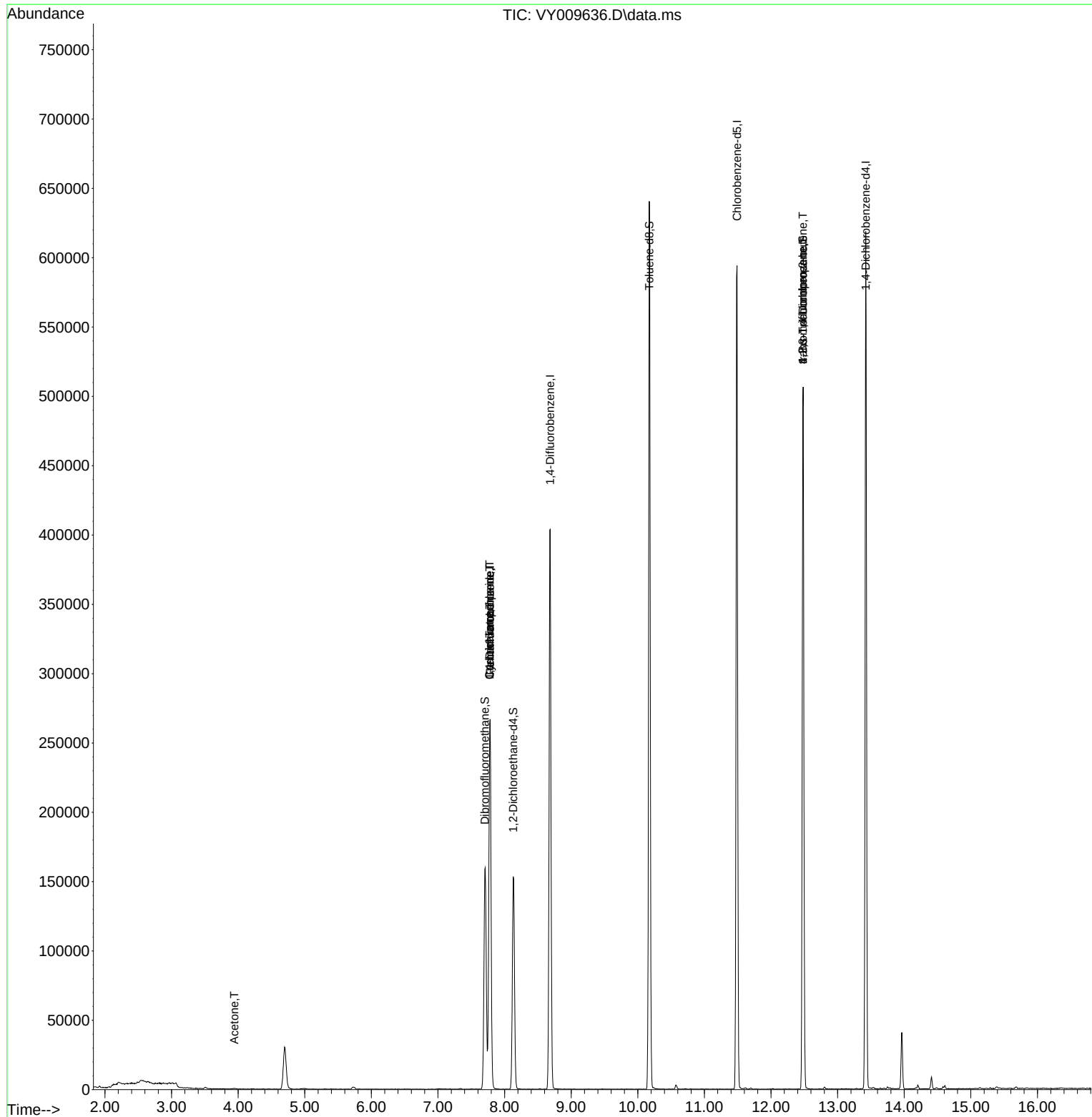
Internal Standards						
1) Pentafluorobenzene	7.783	168	225062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	120955	56.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.660%	
35) Dibromofluoromethane	7.704	113	114957	50.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.173	98	415942	47.159	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.320%	
62) 4-Bromofluorobenzene	12.477	95	135324	47.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 94.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	456	Below Cal	#	77
16) Acetone	3.942	43	735	1.365	ug/l #	85
20) Methylene Chloride	4.704	84	24186	Below Cal	#	76
31) Cyclohexane	7.777	56	3773	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	14584	4.302	ug/l #	51
38) Carbon Tetrachloride	7.777	117	19801	5.579	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69732	45.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69732	88.833	ug/l #	7

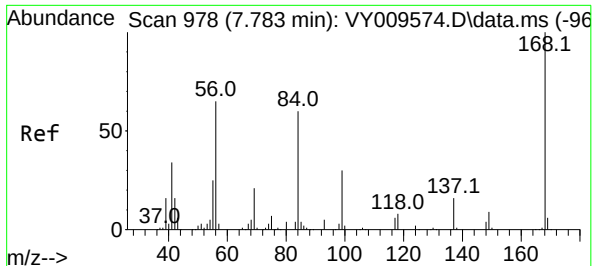
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
0718-WC-TP-WC5A

Quant Time: Jul 22 02:30:31 2022
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Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

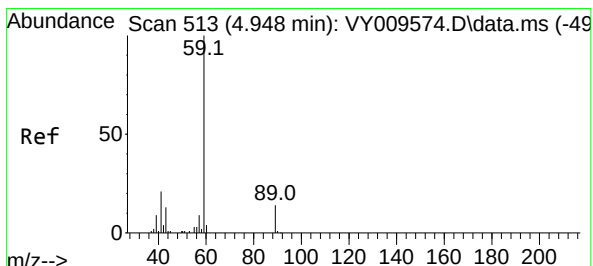
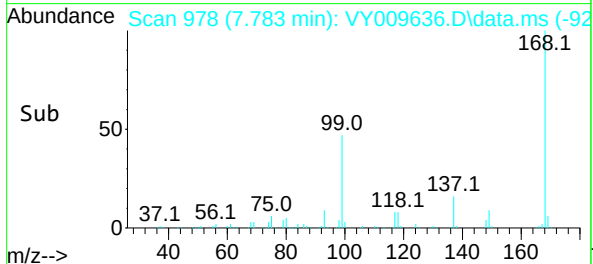
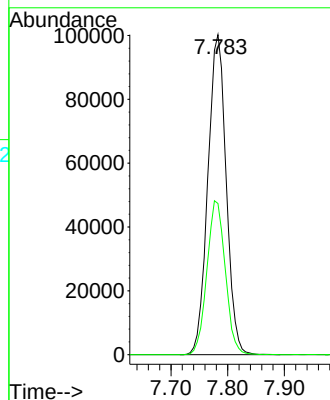
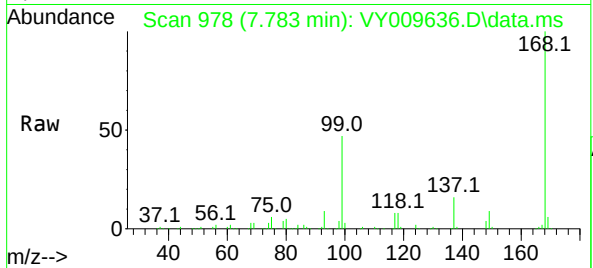




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

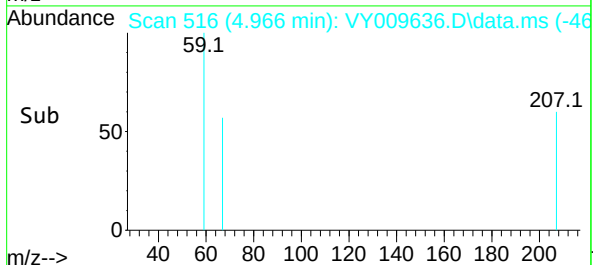
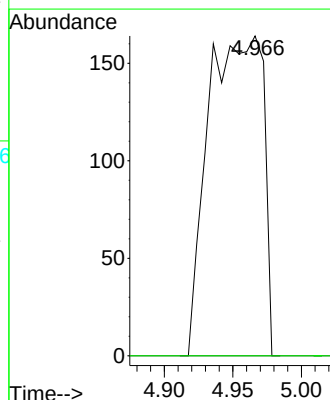
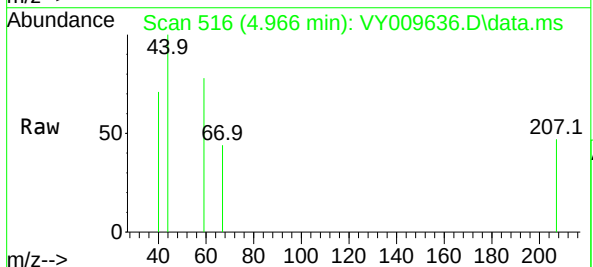
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC5A

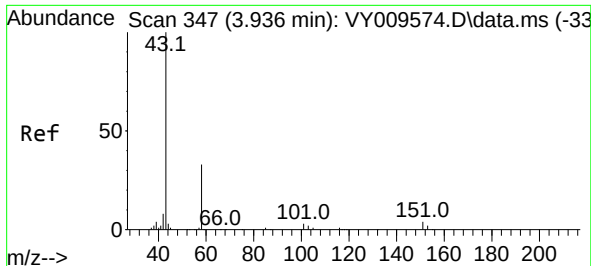
Tgt Ion:168 Resp: 225062
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Tgt Ion: 59 Resp: 456
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

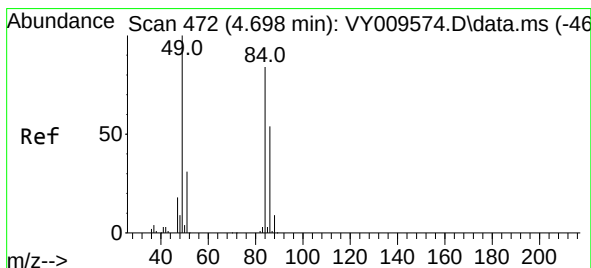
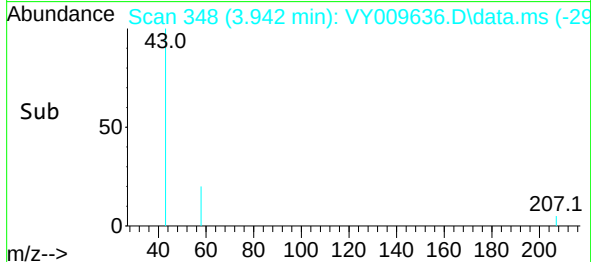
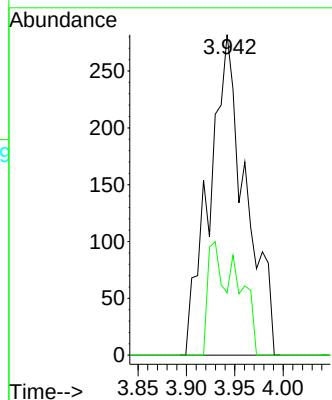
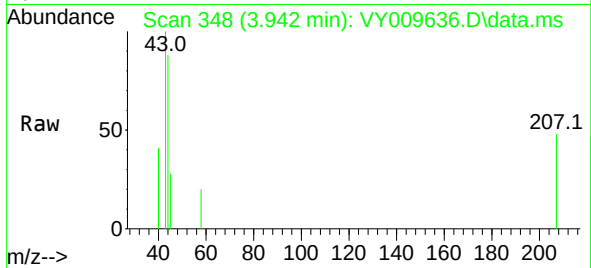




#16
Acetone
Concen: 1.365 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

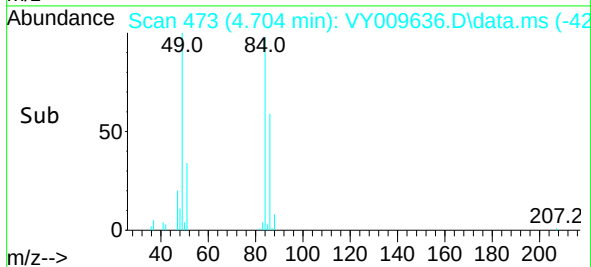
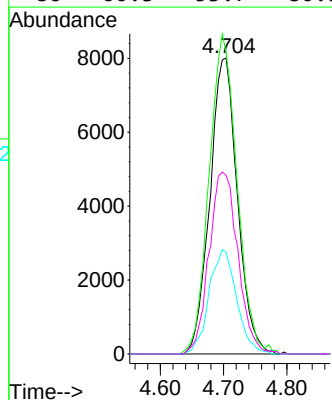
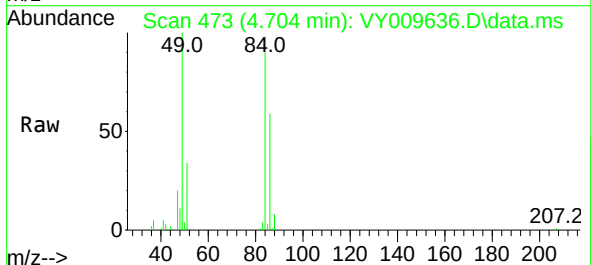
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC5A

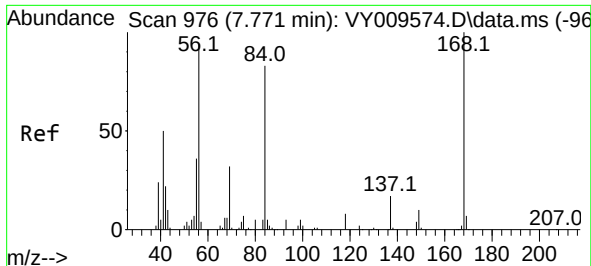
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 19.5 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

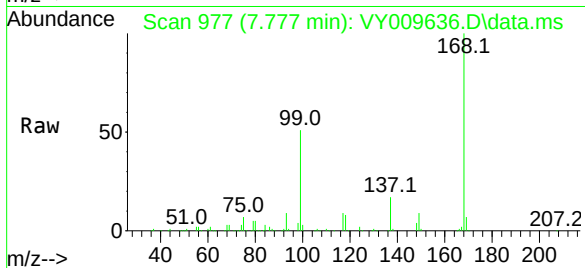
Tgt Ion: 84 Resp: 24186
Ion Ratio Lower Upper
84 100
49 101.9 114.4 171.6#
51 34.3 35.3 52.9#
86 60.3 53.7 80.5



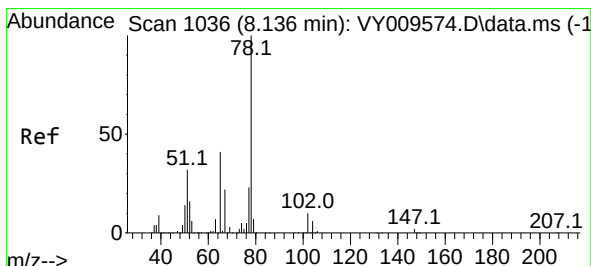
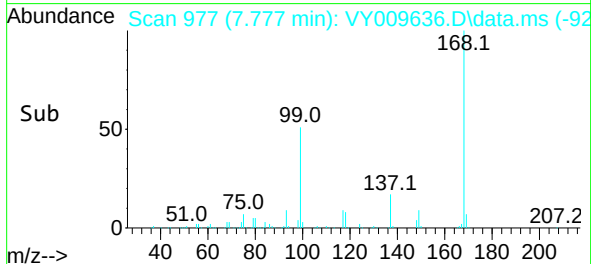
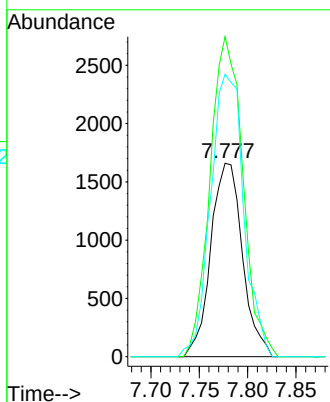


#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC5A

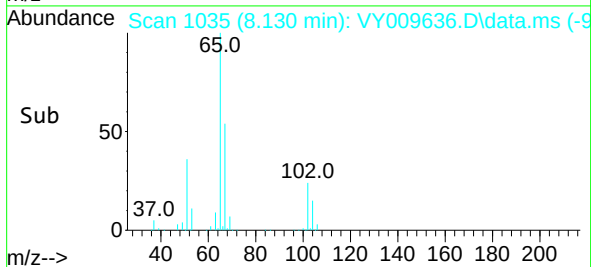
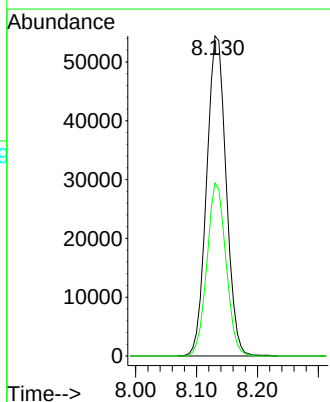
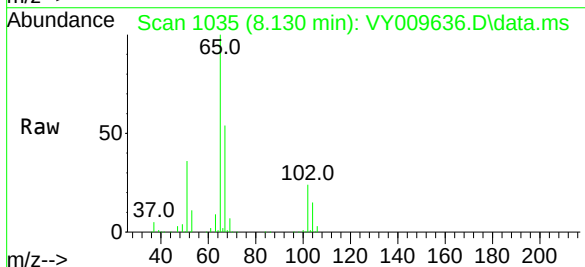


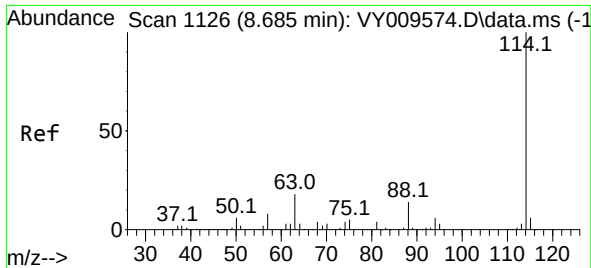
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 165.4 26.7 40.1#
84 146.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.825 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Tgt Ion: 65 Resp: 120955
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

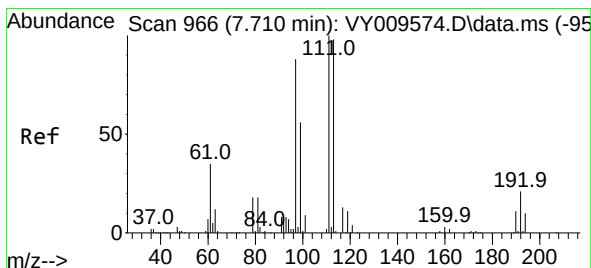
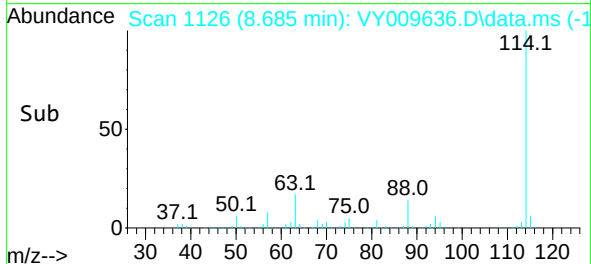
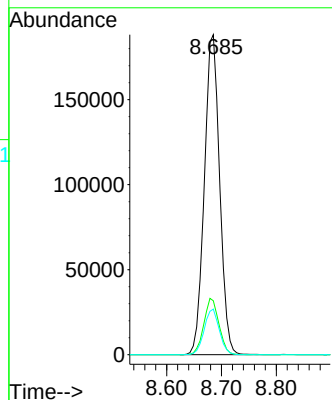
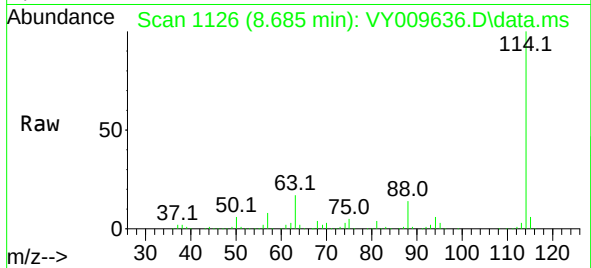




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

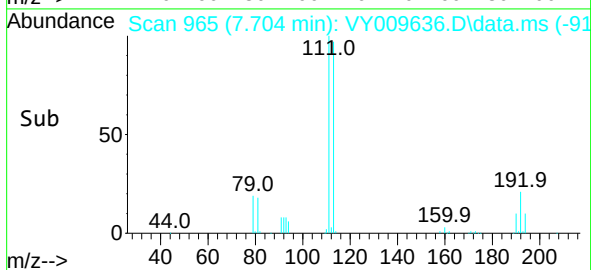
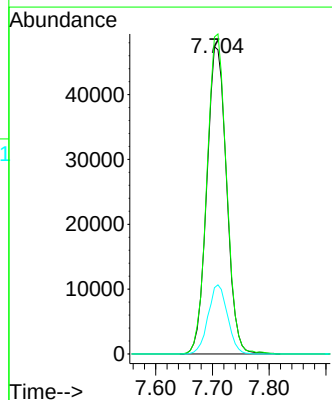
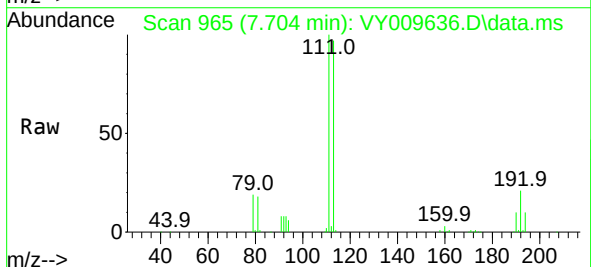
Instrument :
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ClientSampleId :
0718-WC-TP-WC5A

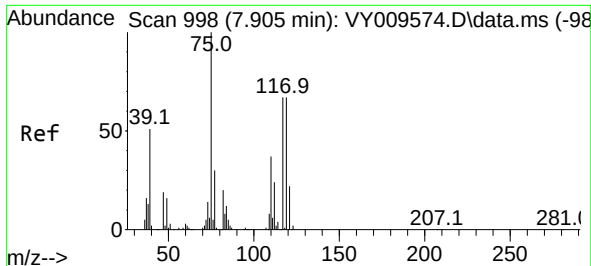
Tgt Ion:114 Resp: 364178
Ion Ratio Lower Upper
114 100
63 16.9 0.0 43.2
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.105 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Tgt Ion:113 Resp: 114957
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.0 17.6 26.4

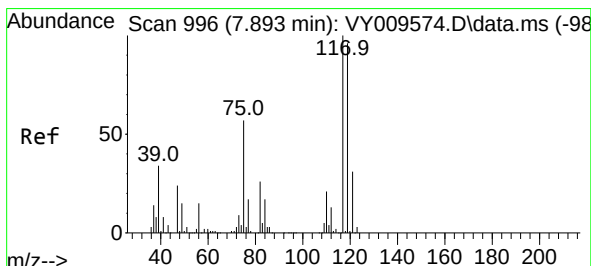
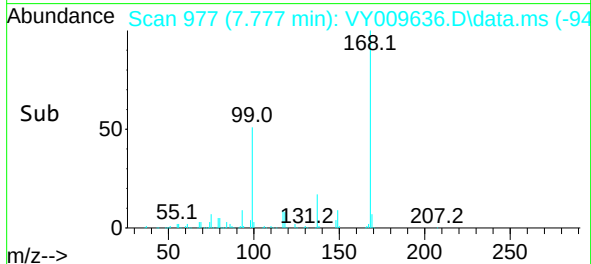
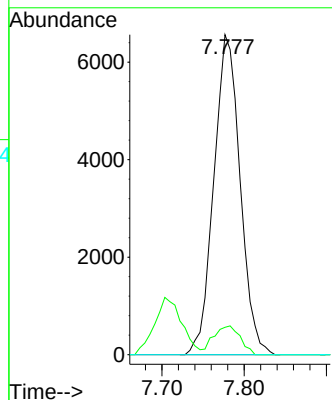
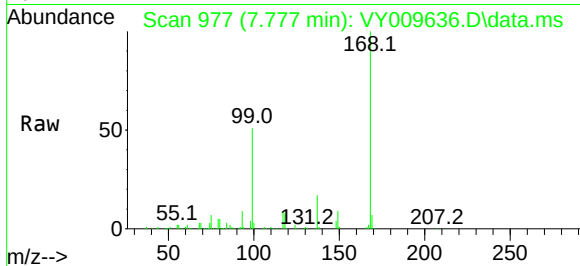




#36
 1,1-Dichloropropene
 Concen: 4.302 ug/l
 RT: 7.777 min Scan# 911
 Delta R.T. -0.128 min
 Lab File: VY009636.D
 Acq: 21 Jul 2022 16:24

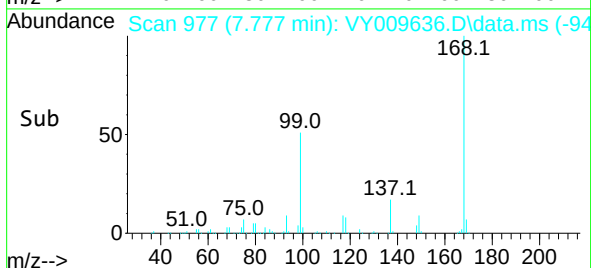
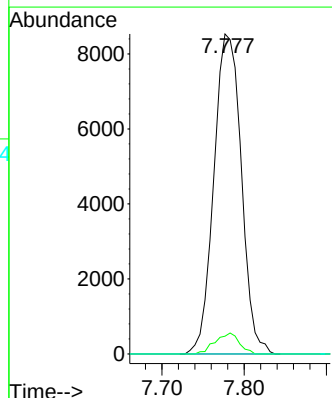
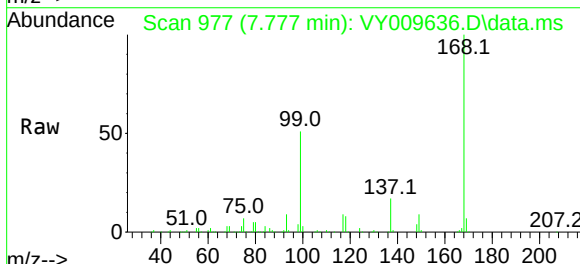
Instrument :
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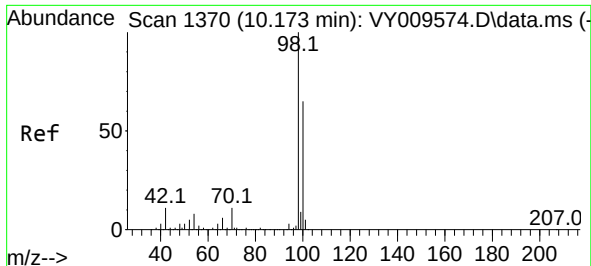
Tgt Ion: 75 Resp: 14584
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.579 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.116 min
 Lab File: VY009636.D
 Acq: 21 Jul 2022 16:24

Tgt Ion: 117 Resp: 19801
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.9 116.9#
 121 0.0 24.8 37.2#

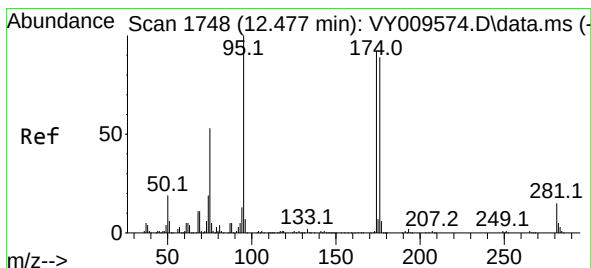
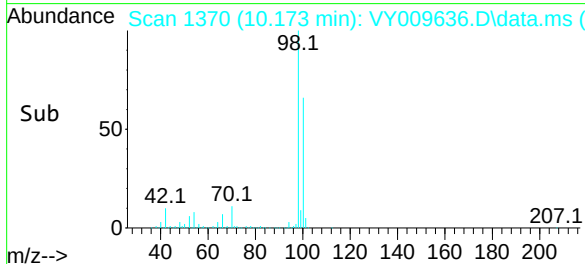
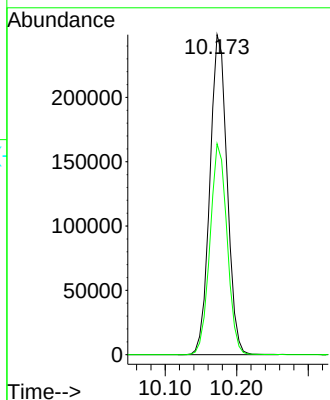
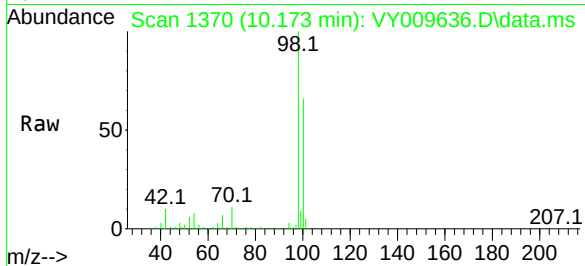




#50
Toluene-d8
Concen: 47.159 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

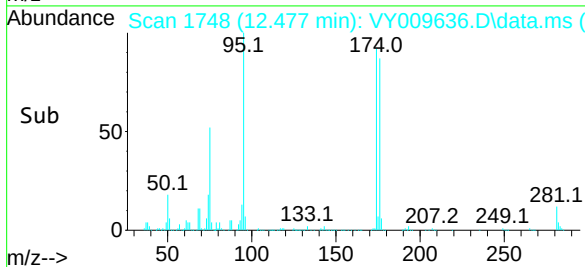
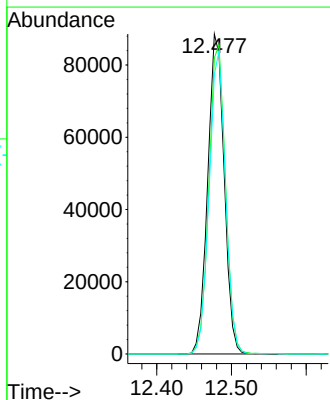
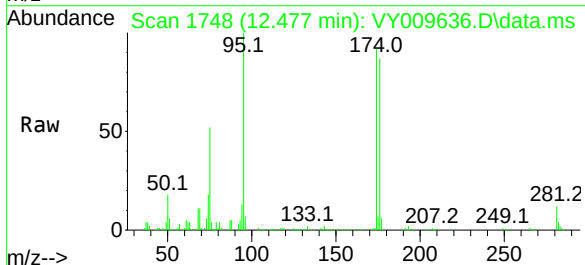
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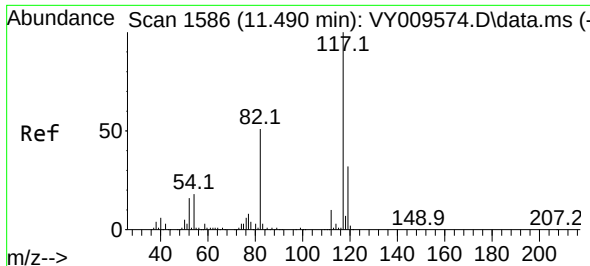
Tgt Ion: 98 Resp: 415942
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.350 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Tgt Ion: 95 Resp: 135324
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 94.2 0.0 175.8

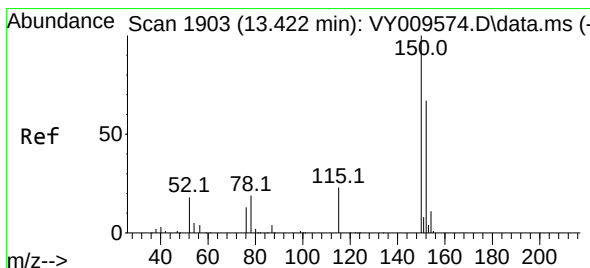
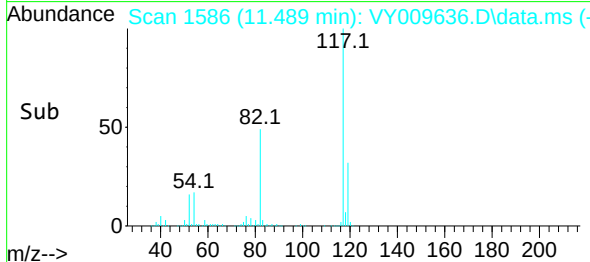
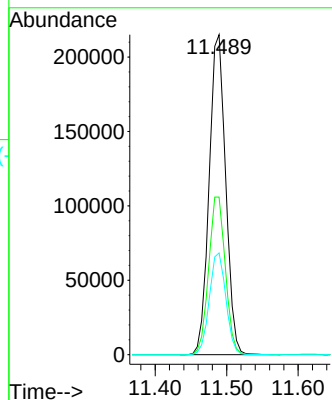
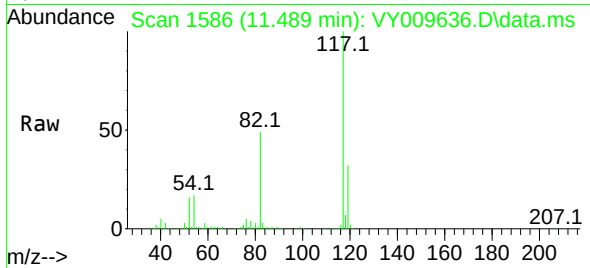




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

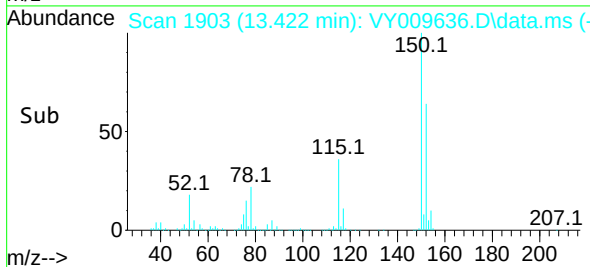
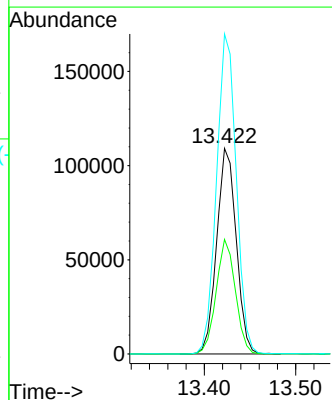
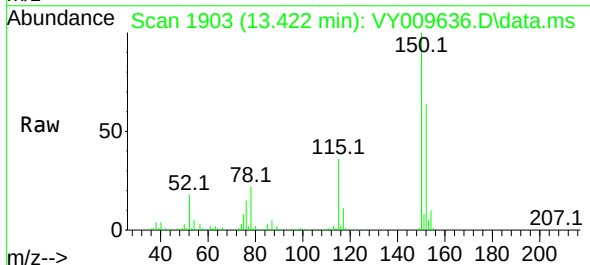
Instrument :
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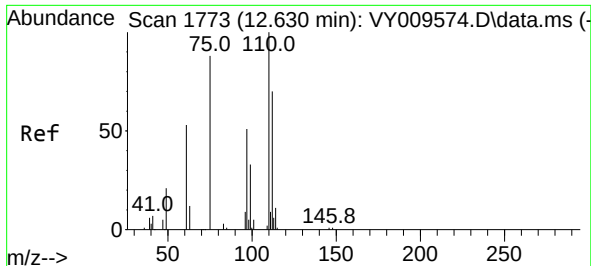
Tgt Ion:117 Resp: 344572
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Tgt Ion:152 Resp: 162482
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 157.1 0.0 347.6

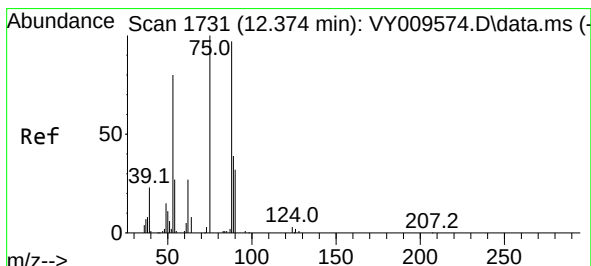
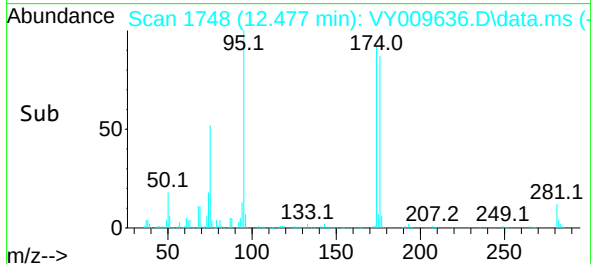
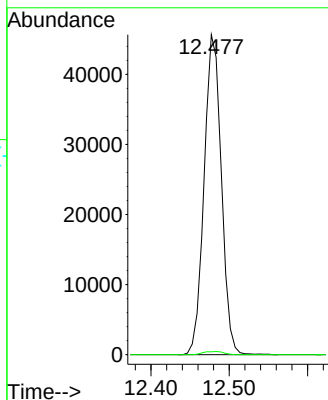
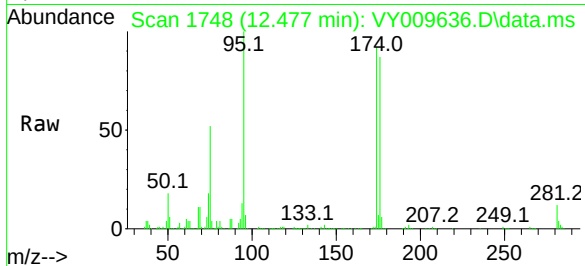




#76
1,2,3-Trichloropropane
Concen: 45.052 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC5A

Tgt Ion: 75 Resp: 69732
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.833 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009636.D
Acq: 21 Jul 2022 16:24

Tgt Ion: 75 Resp: 69732
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

