

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009639.D
 Acq On : 21 Jul 2022 17:36
 Operator : KP/MD
 Sample : N3786-19
 Misc : 7.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC17B

Quant Time: Jul 22 02:30:56 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)

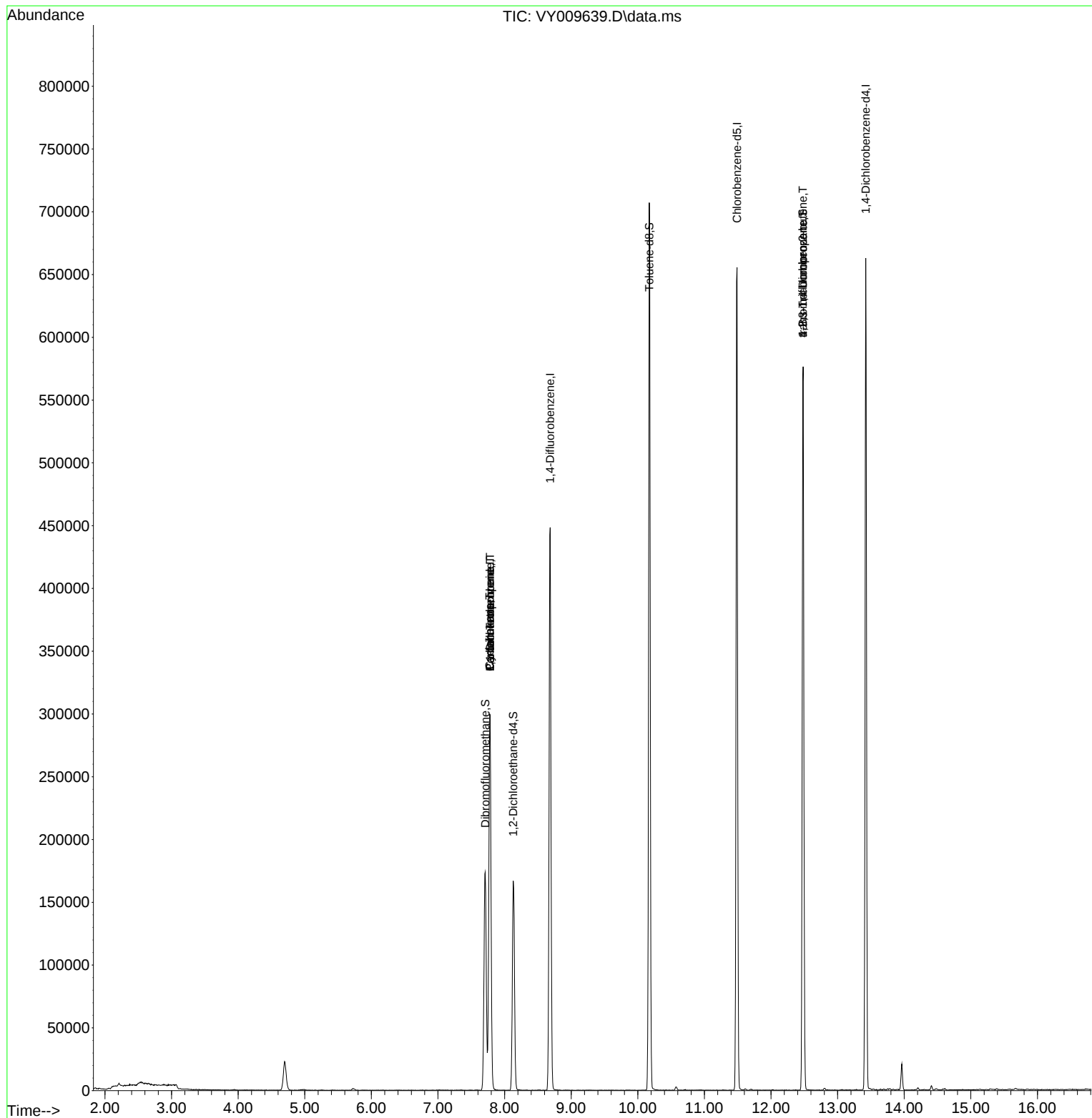
Internal Standards						
1) Pentafluorobenzene	7.783	168	252049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	407832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	130830	54.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.710	113	124814	48.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.160%	
50) Toluene-d8	10.173	98	461160	46.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 93.380%	
62) 4-Bromofluorobenzene	12.477	95	149542	46.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 93.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	847	Below Cal	#	77
20) Methylene Chloride	4.698	84	18683	Below Cal	#	78
31) Cyclohexane	7.777	56	4293	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16428	4.327	ug/l #	51
38) Carbon Tetrachloride	7.783	117	22651	5.699	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75445	44.953	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75445	88.637	ug/l #	7

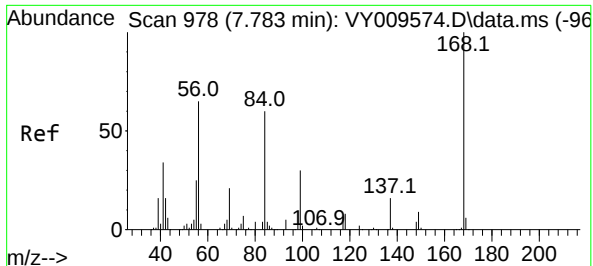
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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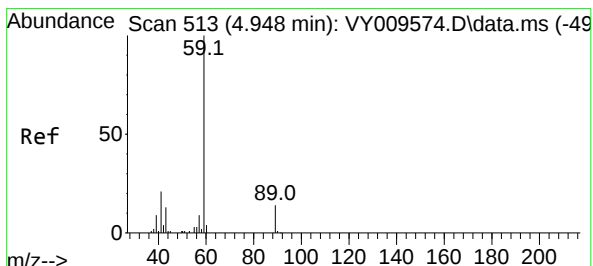
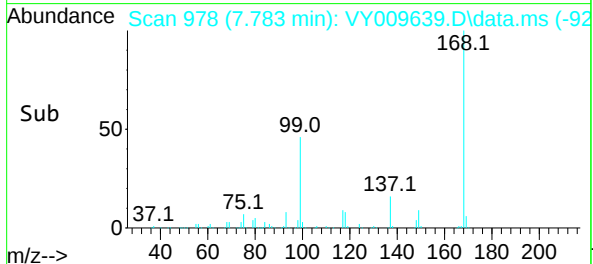
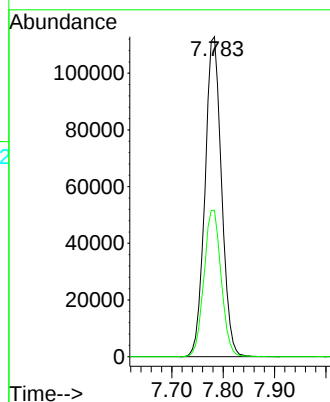
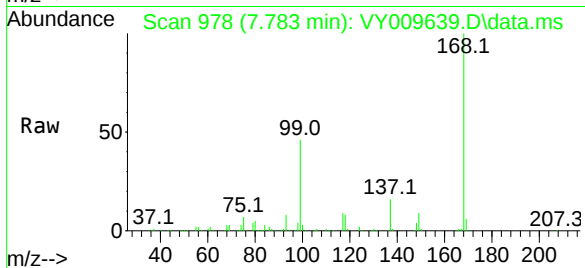




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

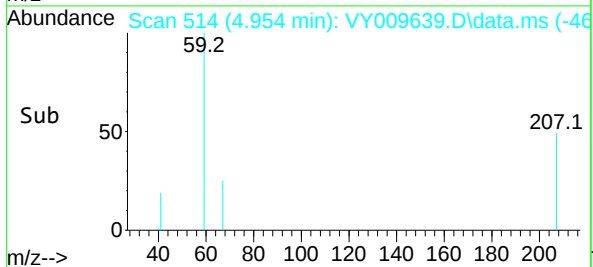
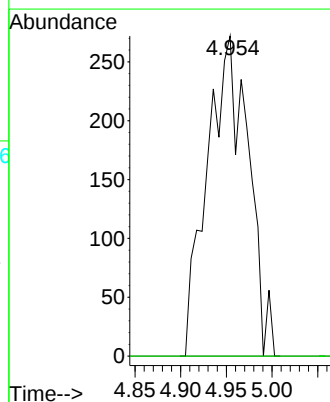
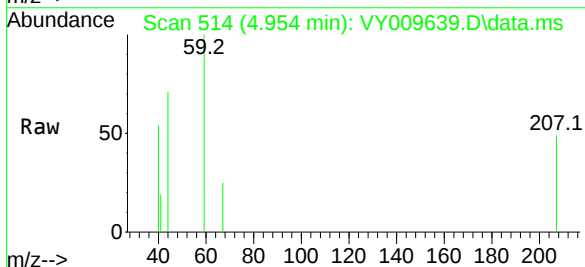
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17B

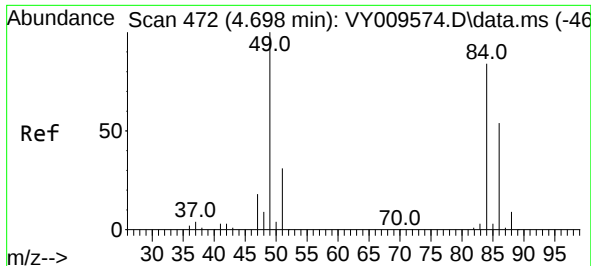
Tgt Ion:168 Resp: 252049
Ion Ratio Lower Upper
168 100
99 45.7 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

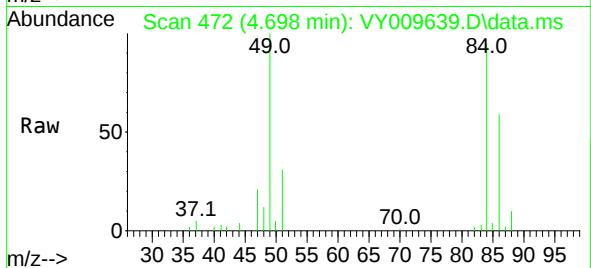
Tgt Ion: 59 Resp: 847
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





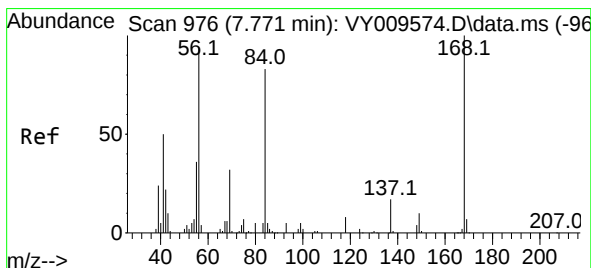
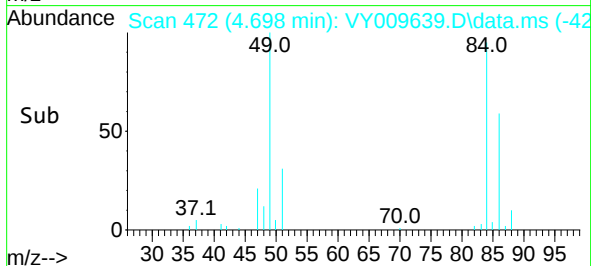
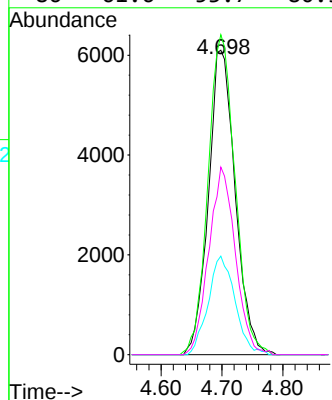
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17B



Tgt Ion: 84 Resp: 18683

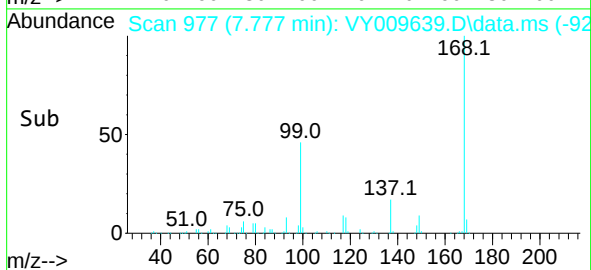
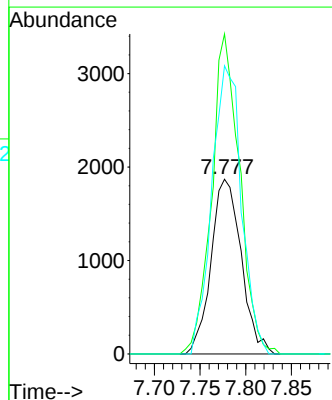
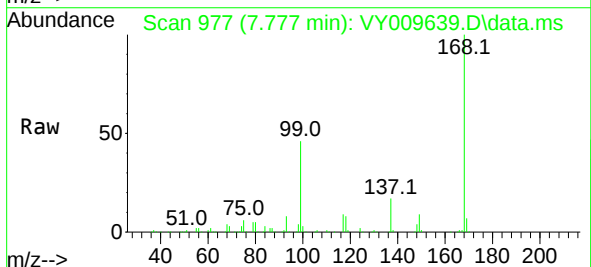
Ion	Ratio	Lower	Upper
84	100		
49	105.1	114.4	171.6#
51	32.4	35.3	52.9#
86	61.6	53.7	80.5

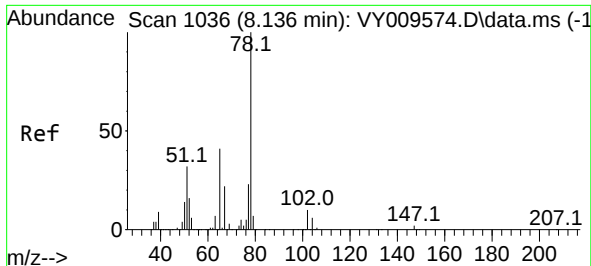


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion: 56 Resp: 4293

Ion	Ratio	Lower	Upper
56	100		
69	183.1	26.7	40.1#
84	164.9	67.2	100.8#

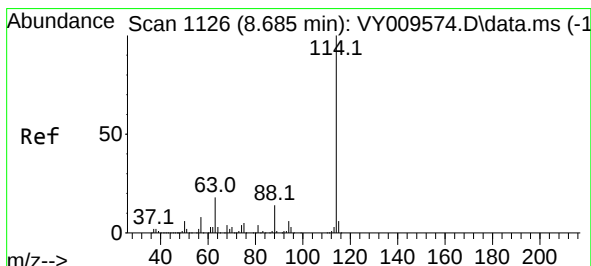
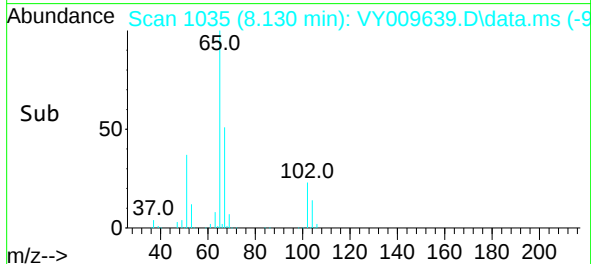
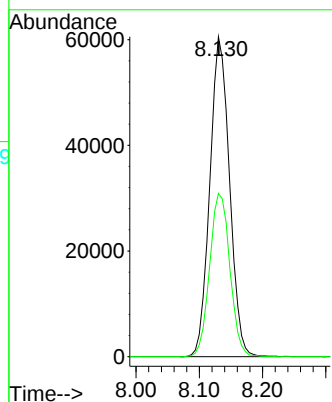
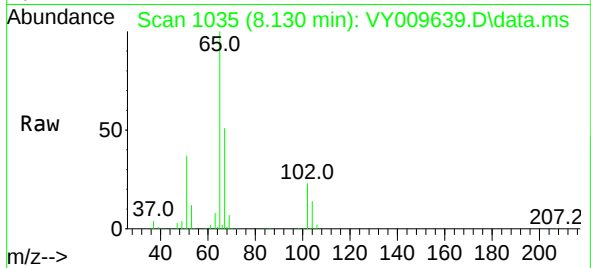




#33
 1,2-Dichloroethane-d4
 Concen: 54.884 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009639.D
 Acq: 21 Jul 2022 17:36

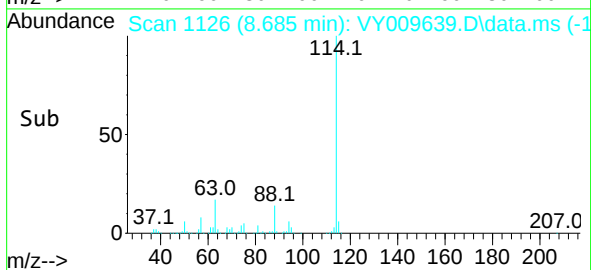
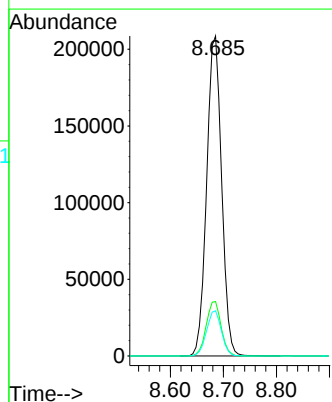
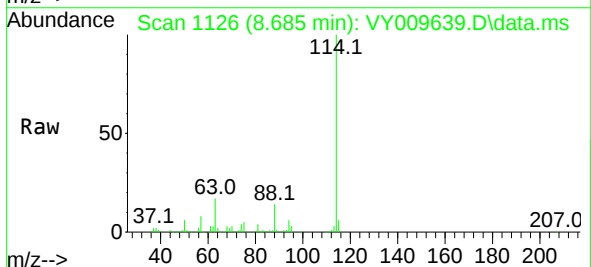
Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC17B

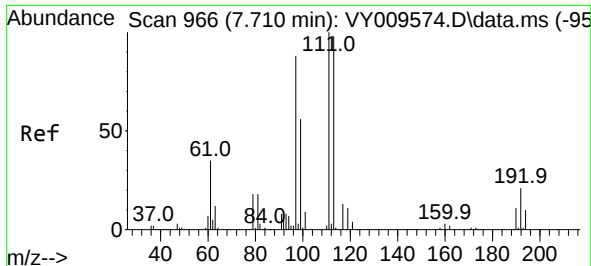
Tgt Ion: 65 Resp: 130830
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009639.D
 Acq: 21 Jul 2022 17:36

Tgt Ion: 114 Resp: 407832
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 43.2
 88 14.1 0.0 31.8

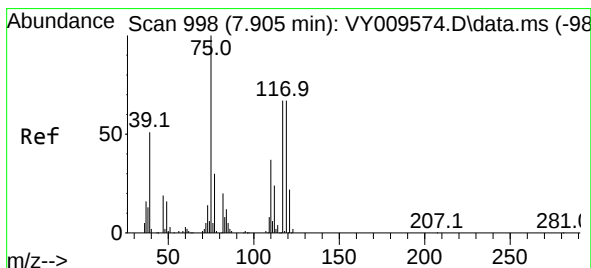
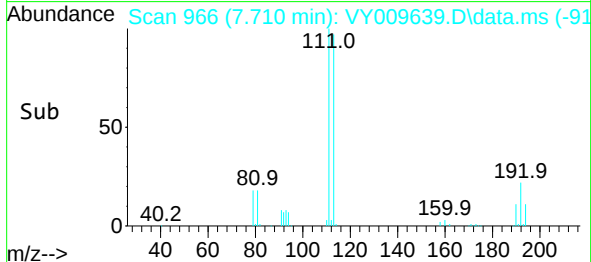
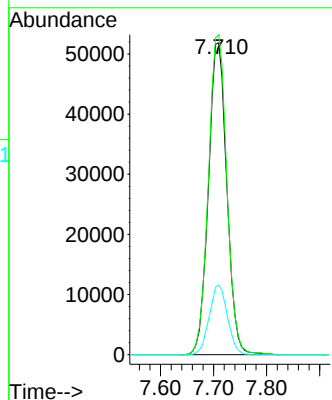
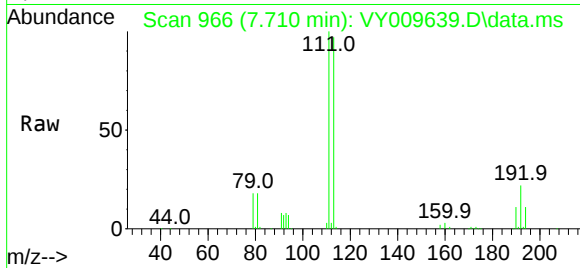




#35
Dibromofluoromethane
Concen: 48.578 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

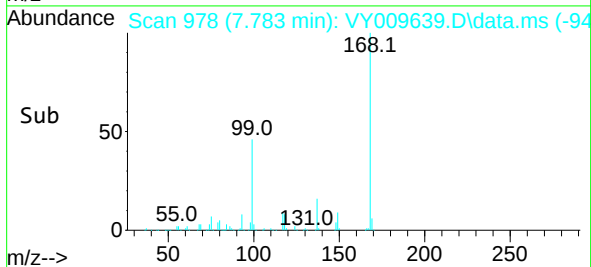
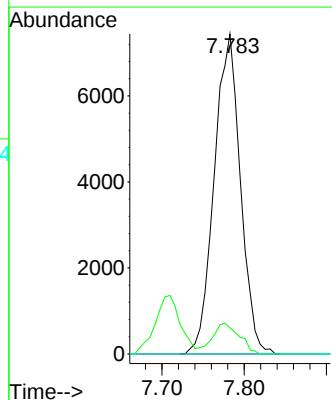
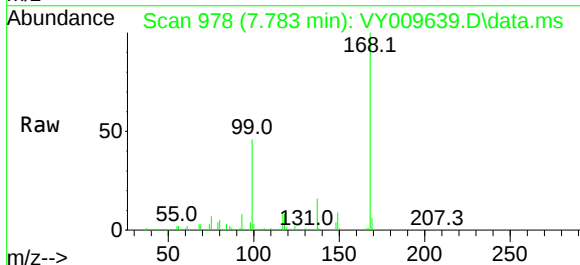
Instrument :
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ClientSampleId :
0718-WC-TP-WC17B

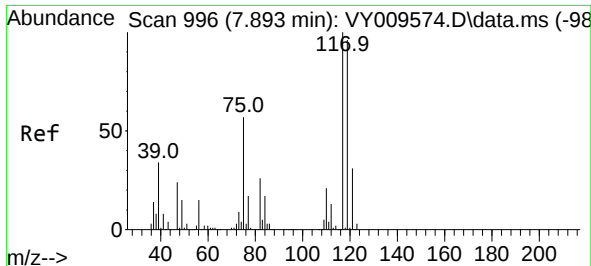
Tgt Ion:113 Resp: 124814
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.327 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion: 75 Resp: 16428
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

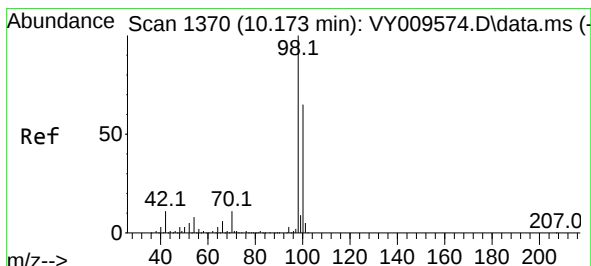
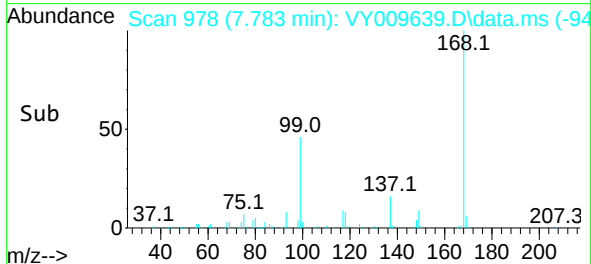
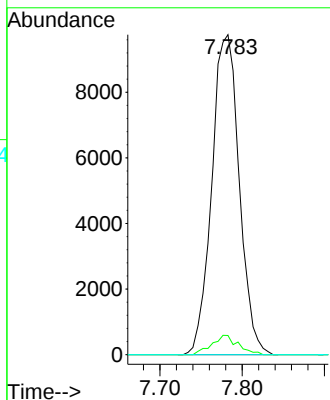
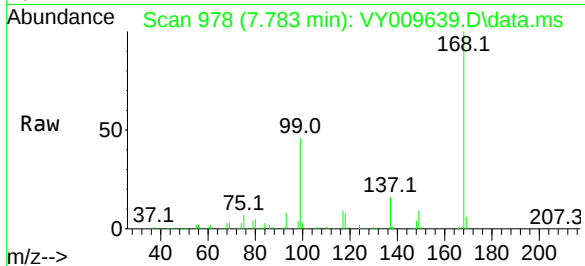




#38
Carbon Tetrachloride
Concen: 5.699 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

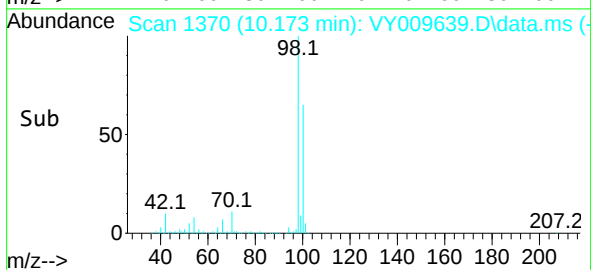
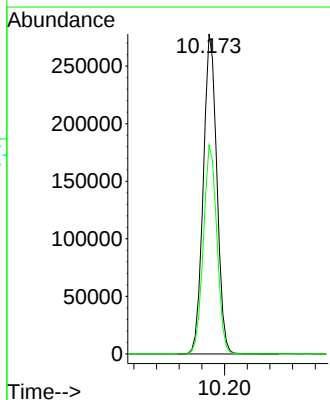
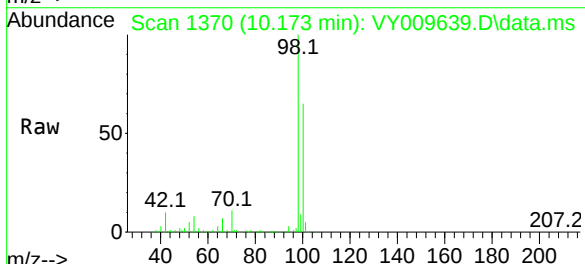
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC17B

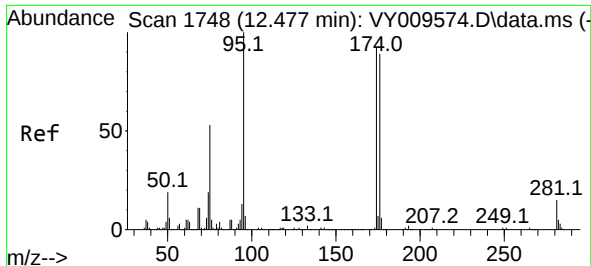
Tgt Ion:117 Resp: 22651
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.689 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion: 98 Resp: 461160
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

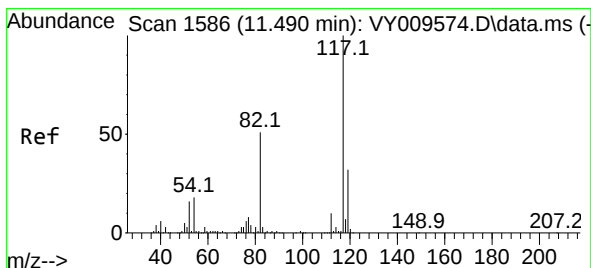
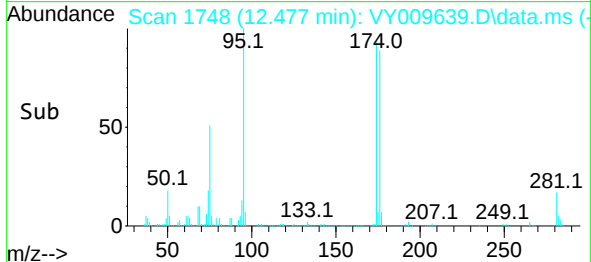
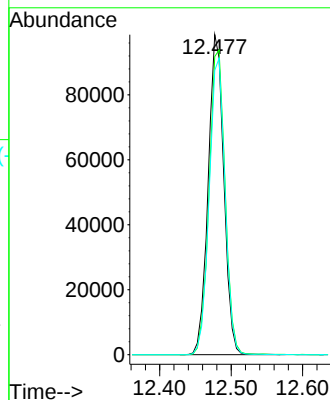
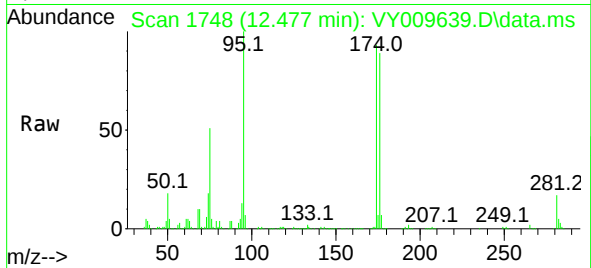




#62
4-Bromofluorobenzene
Concen: 46.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

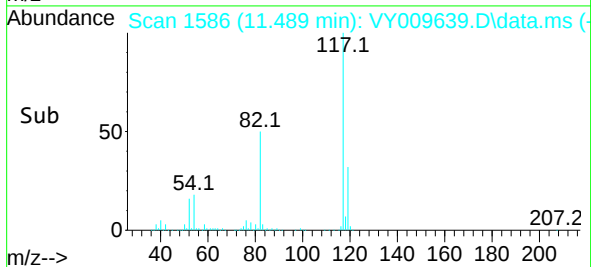
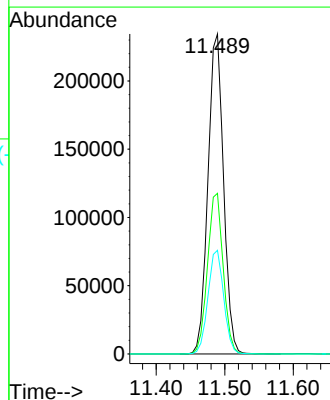
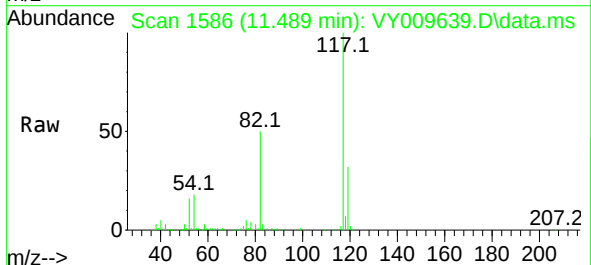
Instrument :
MSVOA_Y
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0718-WC-TP-WC17B

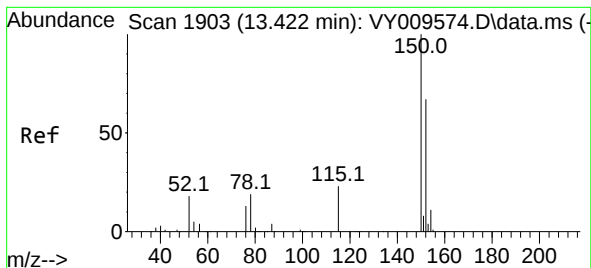
Tgt Ion: 95 Resp: 149542
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 93.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009639.D
Acq: 21 Jul 2022 17:36

Tgt Ion: 117 Resp: 370569
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.4 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: VY009639.D

Acq: 21 Jul 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC17B

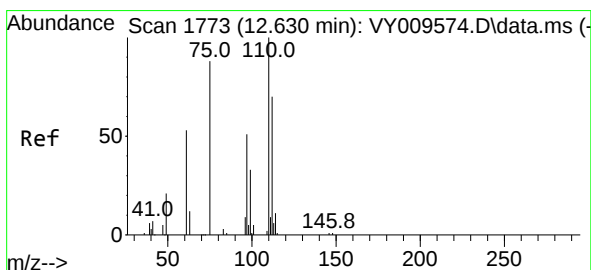
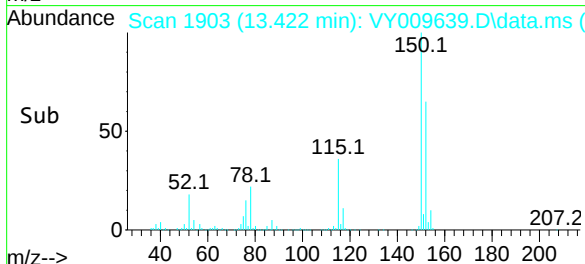
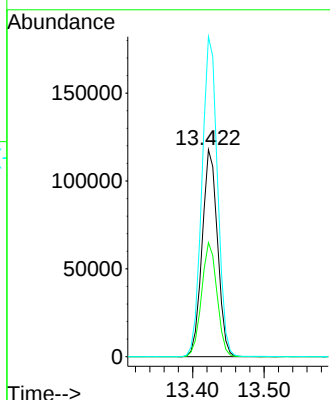
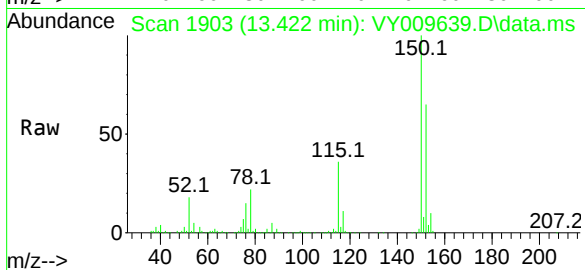
Tgt Ion:152 Resp: 176181

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 156.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 44.953 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009639.D

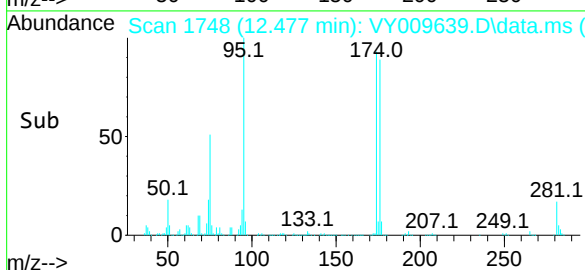
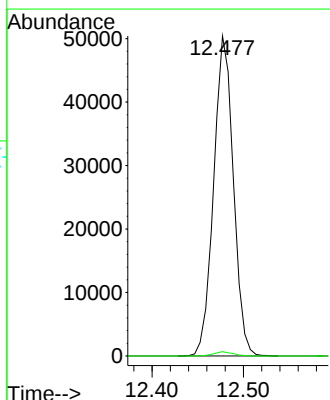
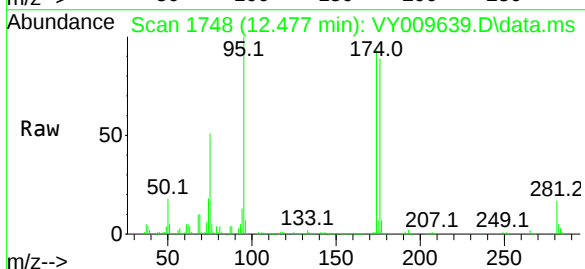
Acq: 21 Jul 2022 17:36

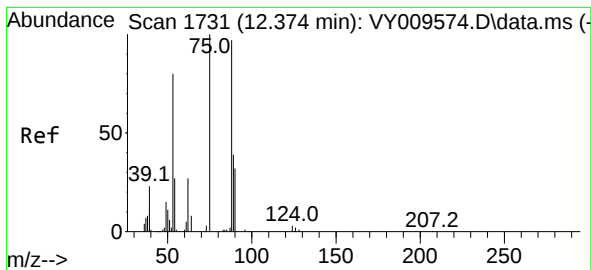
Tgt Ion: 75 Resp: 75445

Ion Ratio Lower Upper

75 100

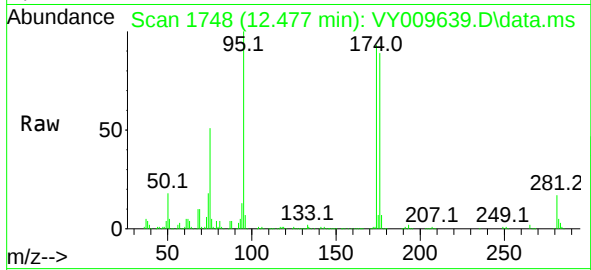
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.637 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009639.D
 Acq: 21 Jul 2022 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC17B



Tgt Ion: 75 Resp: 75445
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.2 37.0 55.4#

