

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009632.D
 Acq On : 21 Jul 2022 14:43
 Operator : KP/MD
 Sample : N3686-05
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3B

Quant Time: Jul 22 02:29:59 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)

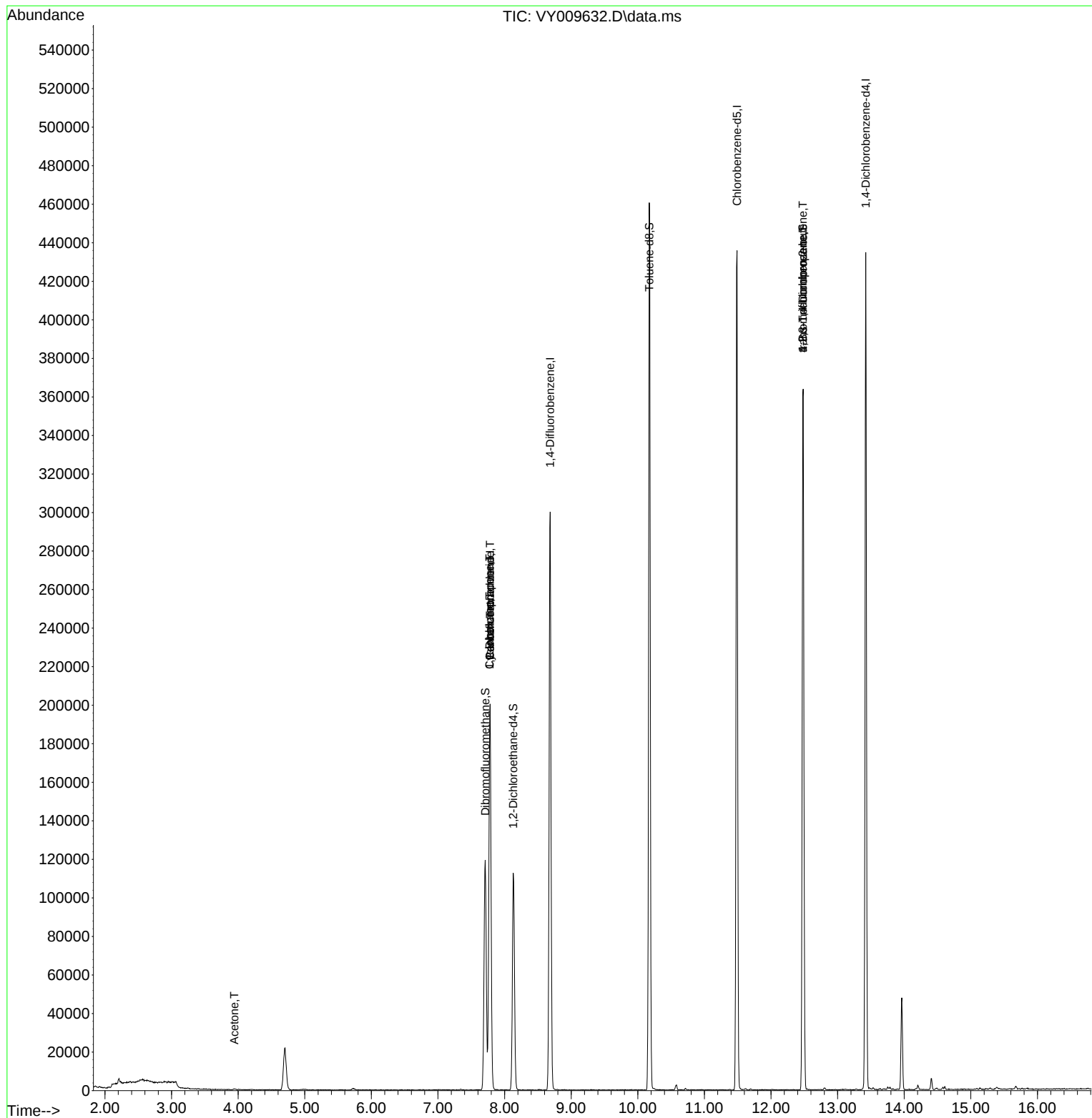
Internal Standards						
1) Pentafluorobenzene	7.783	168	167517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	86995	54.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.710	113	84395	49.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.440%	
50) Toluene-d8	10.173	98	309092	47.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.740%	
62) 4-Bromofluorobenzene	12.477	95	95434	45.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	511	Below Cal	#	77
16) Acetone	3.942	43	735	1.834	ug/l #	47
20) Methylene Chloride	4.704	84	17117	Below Cal	#	79
31) Cyclohexane	7.777	56	2799	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	11038	4.401	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15230	5.801	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	47939	43.978	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47939	86.715	ug/l #	7

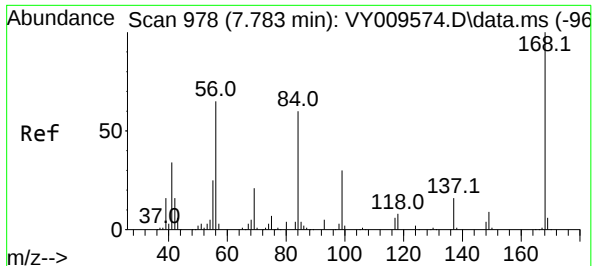
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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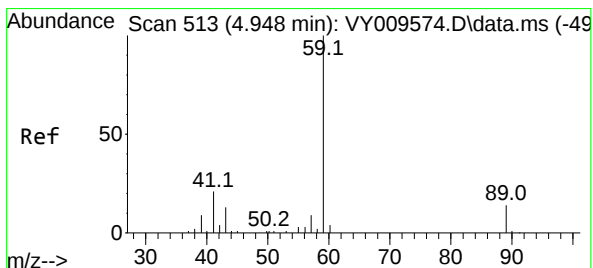
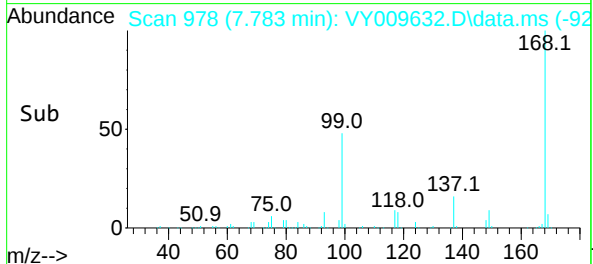
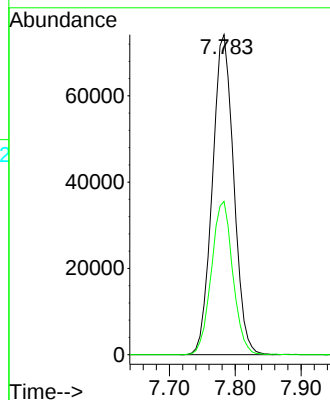
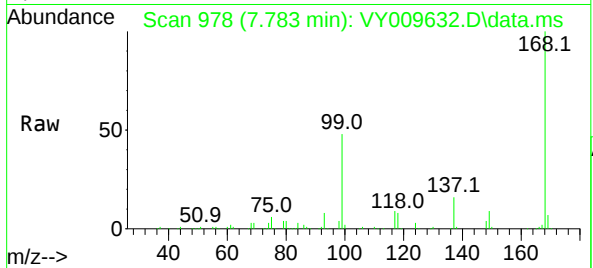




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

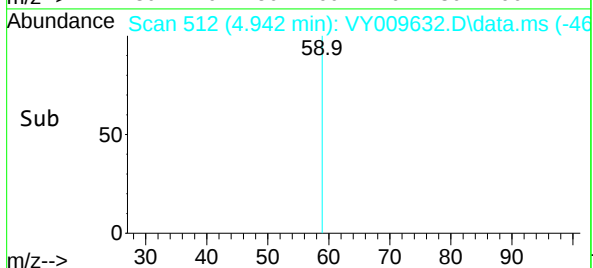
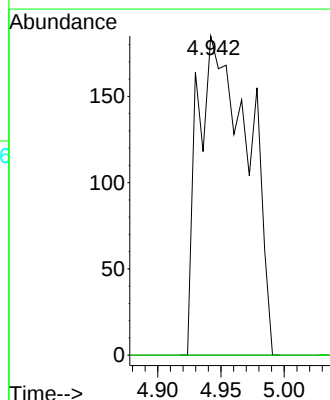
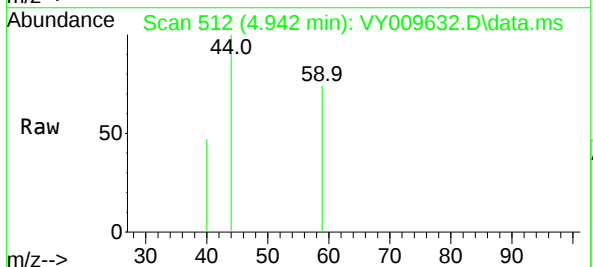
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3B

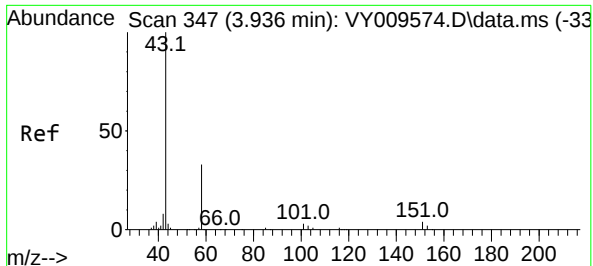
Tgt Ion:168 Resp: 167517
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Tgt Ion: 59 Resp: 511
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

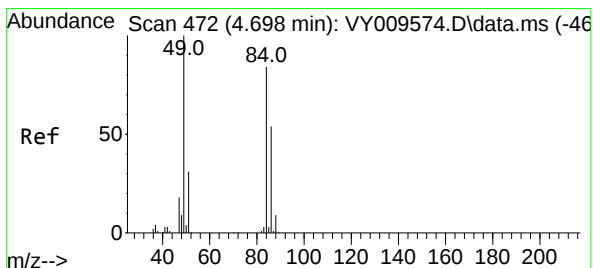
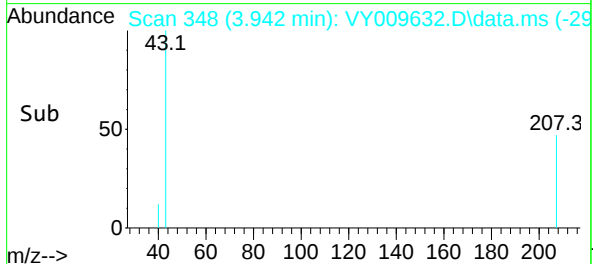
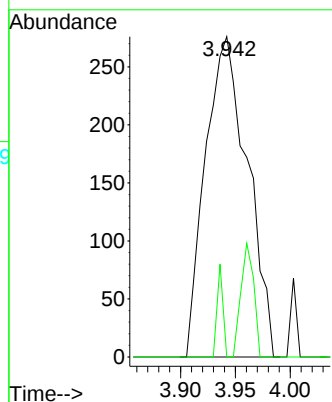
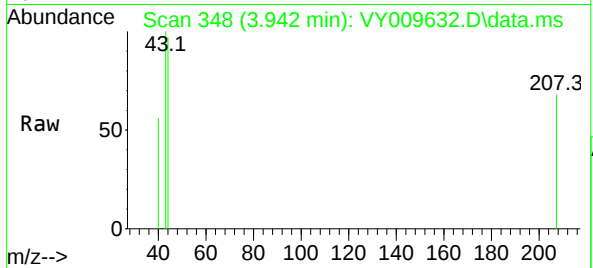




#16
Acetone
Concen: 1.834 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

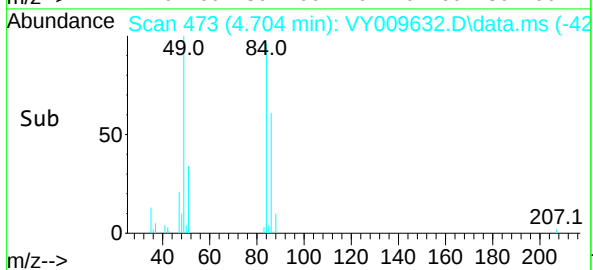
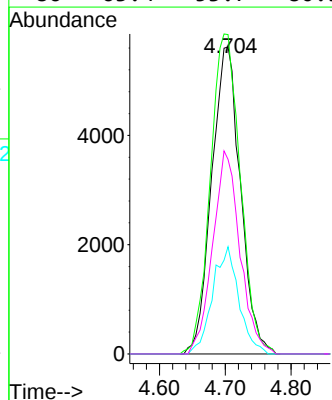
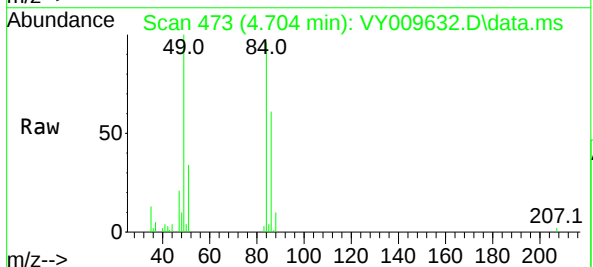
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3B

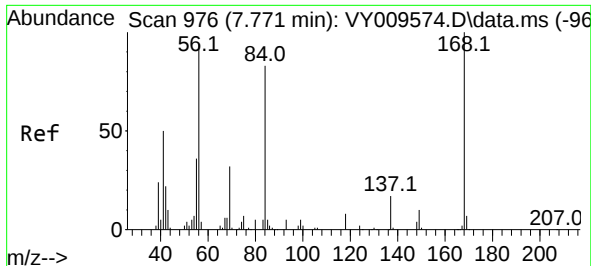
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Tgt Ion: 84 Resp: 17117
Ion Ratio Lower Upper
84 100
49 104.0 114.4 171.6#
51 34.9 35.3 52.9#
86 63.4 53.7 80.5

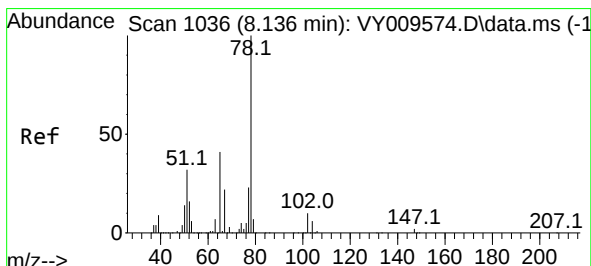
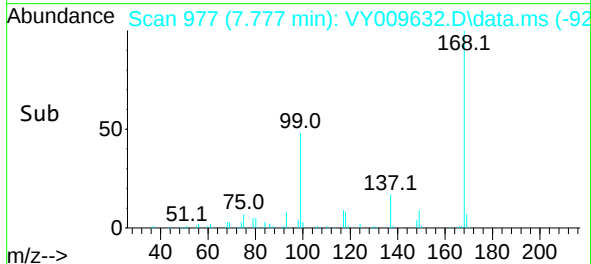
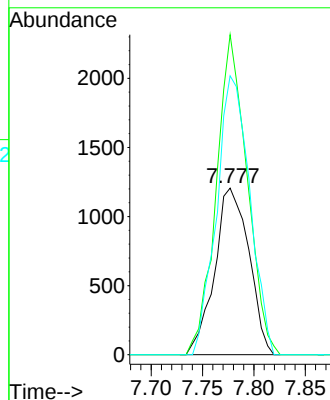
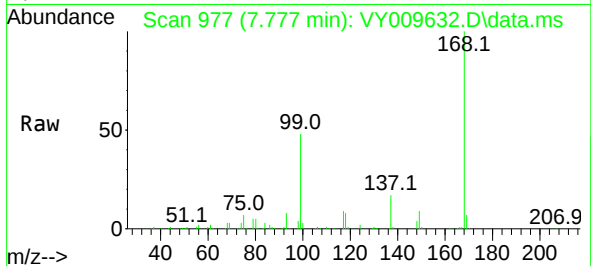




#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

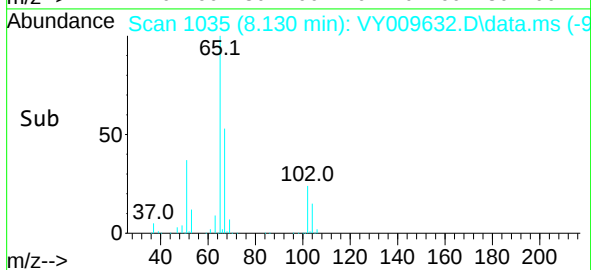
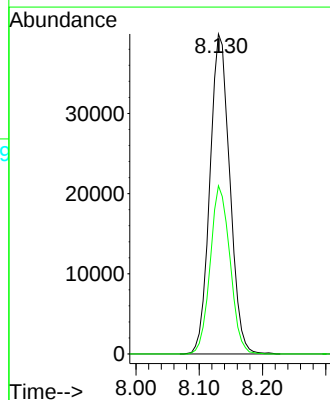
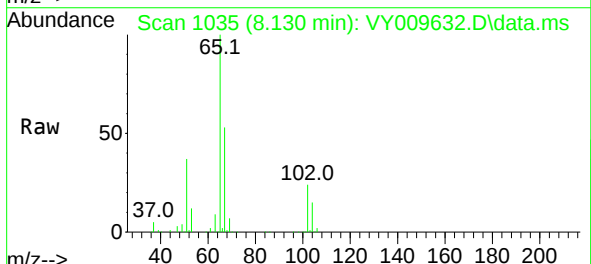
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3B

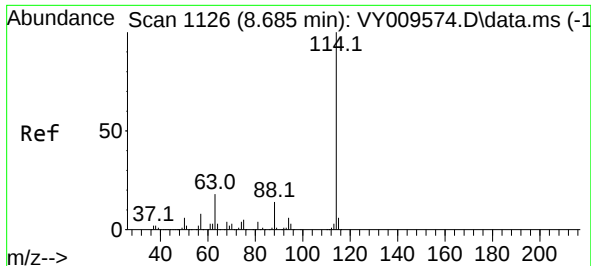
Tgt Ion: 56 Resp: 2799
Ion Ratio Lower Upper
56 100
69 192.0 26.7 40.1#
84 167.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.911 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Tgt Ion: 65 Resp: 86995
Ion Ratio Lower Upper
65 100
67 52.3 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: VY009632.D

Acq: 21 Jul 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC3B

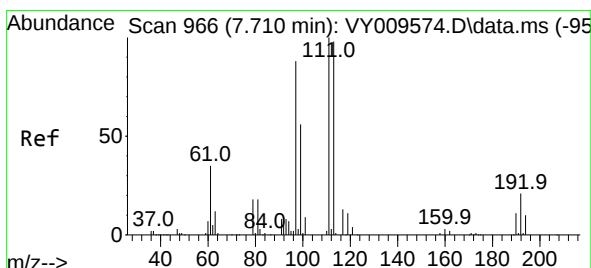
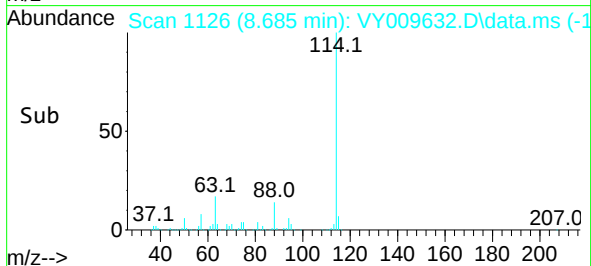
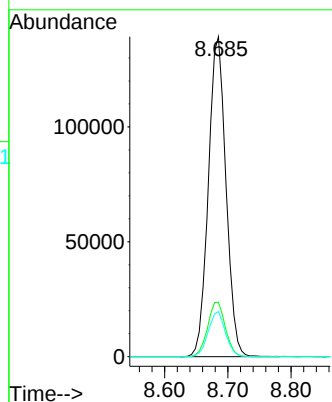
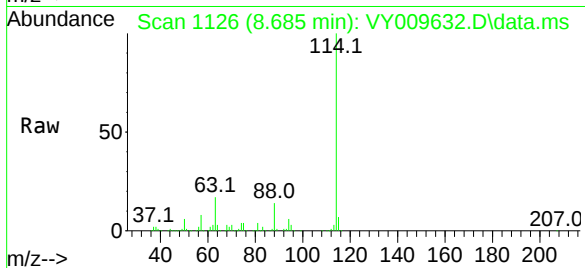
Tgt Ion:114 Resp: 269418

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.722 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009632.D

Acq: 21 Jul 2022 14:43

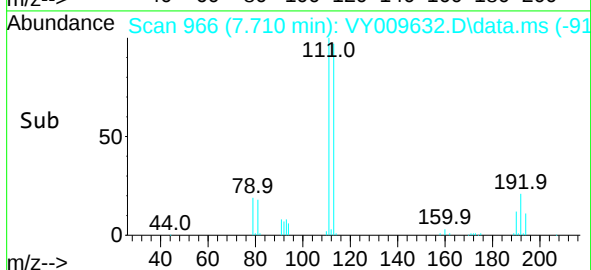
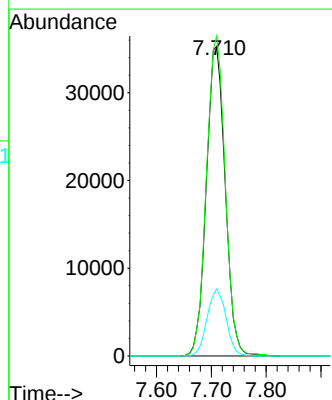
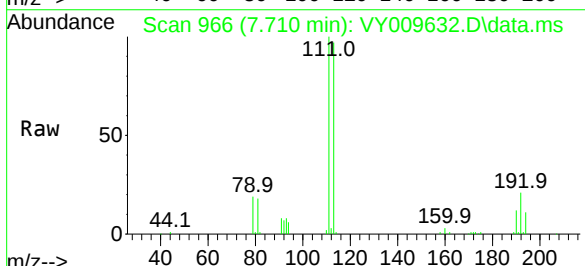
Tgt Ion:113 Resp: 84395

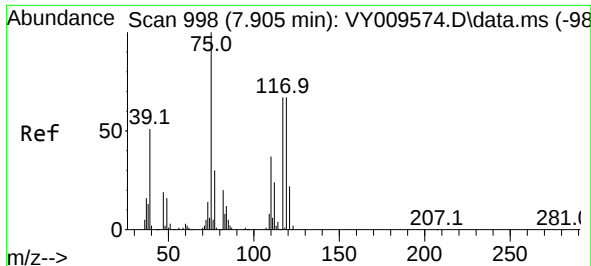
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 21.6 17.6 26.4

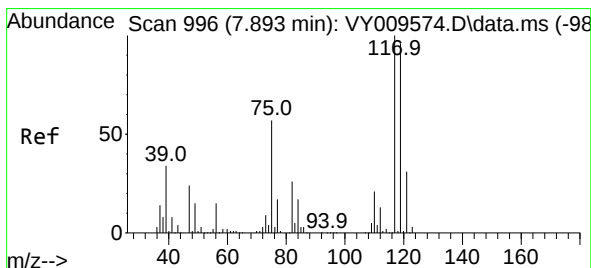
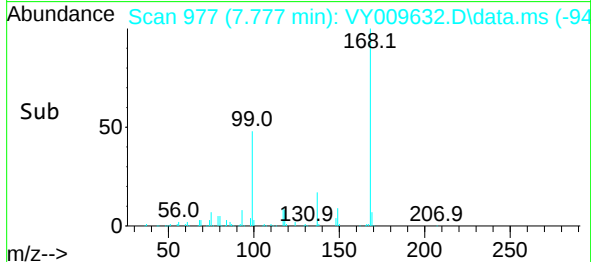
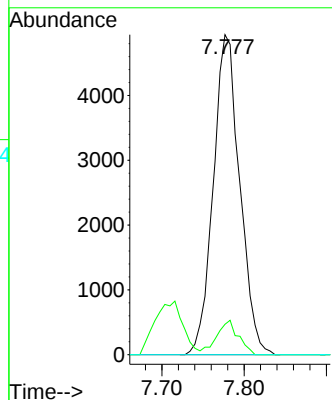
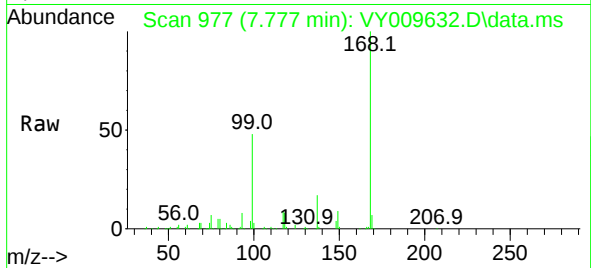




#36
 1,1-Dichloropropene
 Concen: 4.401 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009632.D
 Acq: 21 Jul 2022 14:43

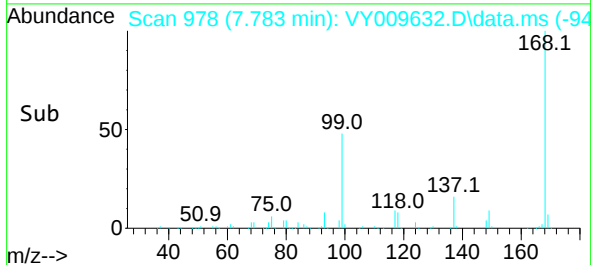
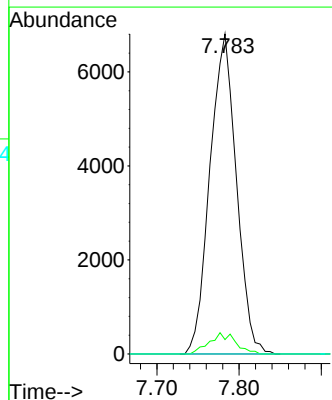
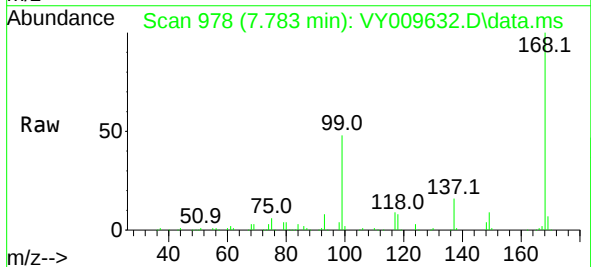
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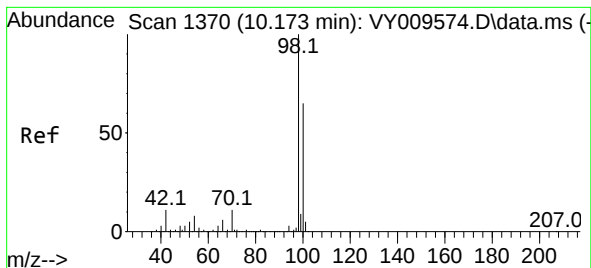
Tgt Ion: 75 Resp: 11038
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.801 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009632.D
 Acq: 21 Jul 2022 14:43

Tgt Ion: 117 Resp: 15230
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.9 116.9#
 121 0.0 24.8 37.2#

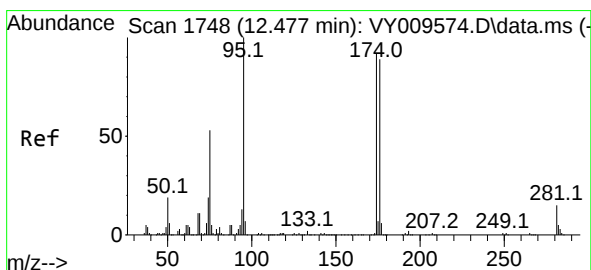
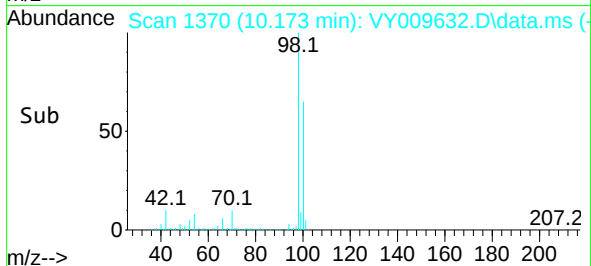
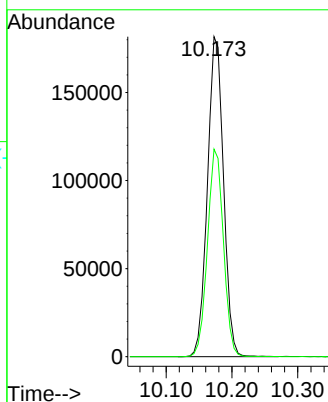
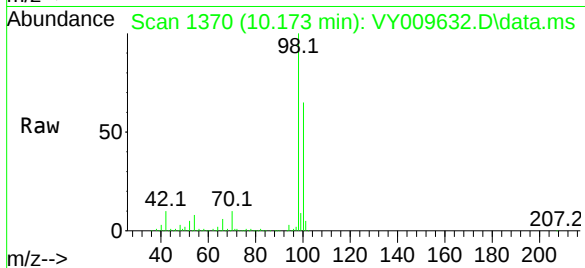




#50
Toluene-d8
Concen: 47.370 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

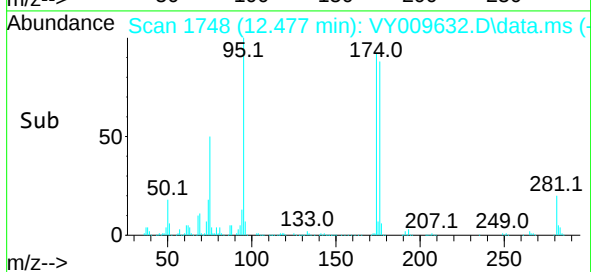
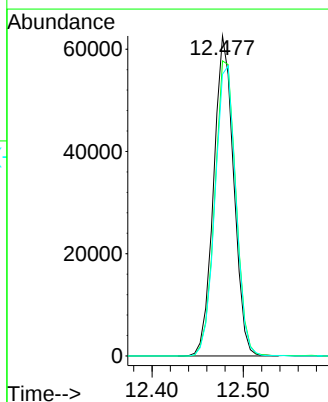
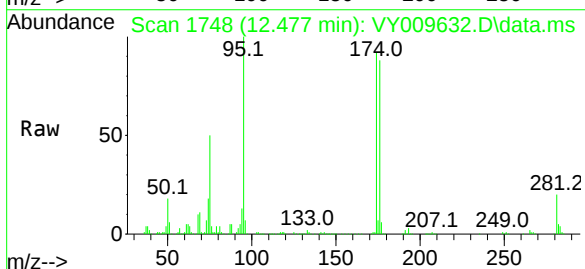
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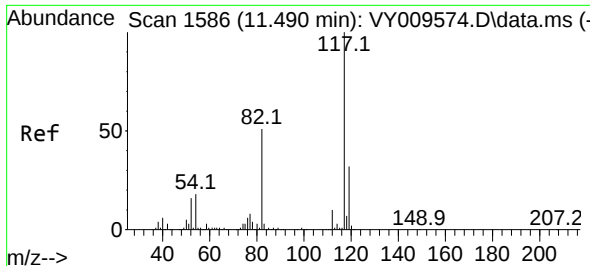
Tgt Ion: 98 Resp: 309092
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.137 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Tgt Ion: 95 Resp: 95434
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 93.9 0.0 175.8

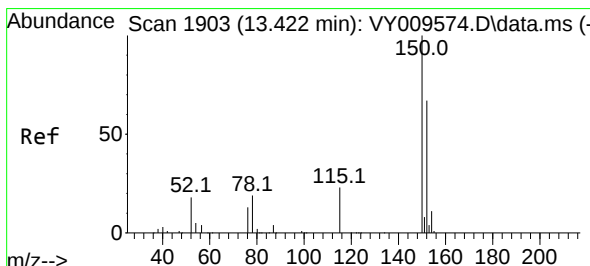
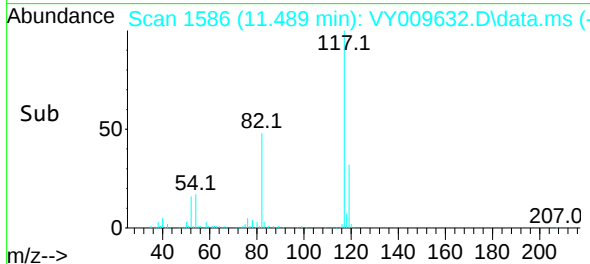
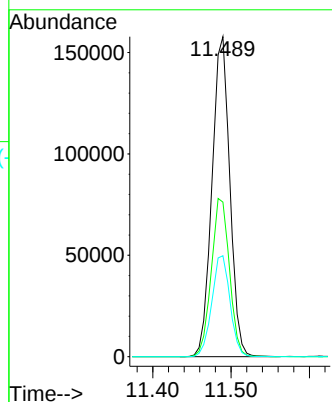
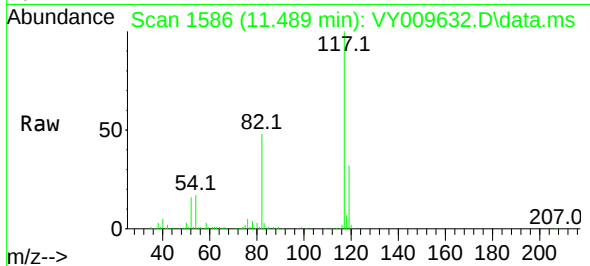




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

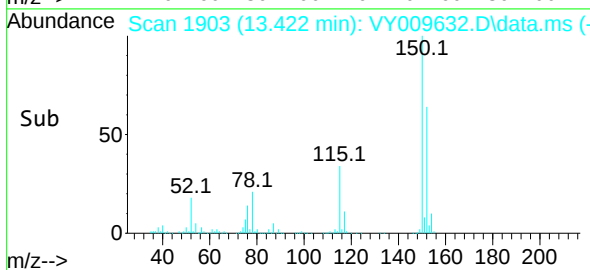
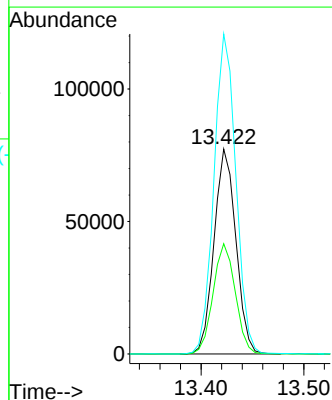
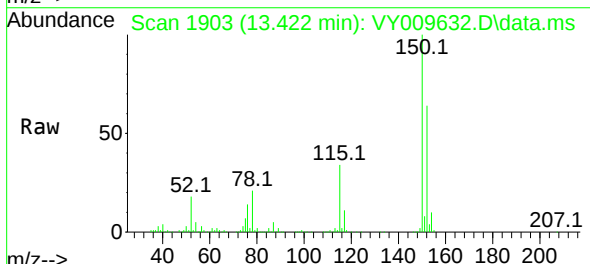
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3B

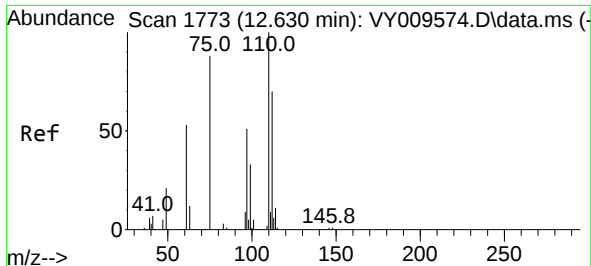
Tgt Ion:117 Resp: 249439
Ion Ratio Lower Upper
117 100
82 48.3 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Tgt Ion:152 Resp: 114430
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.9 0.0 347.6

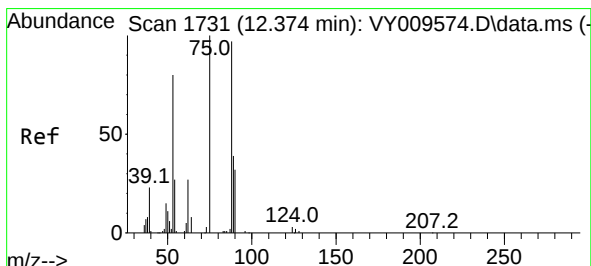
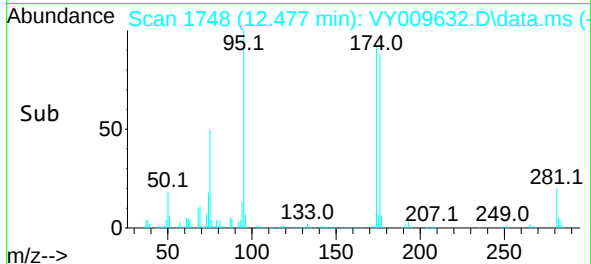
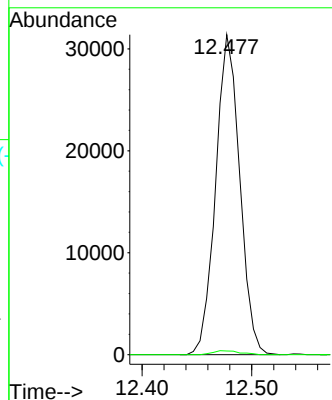
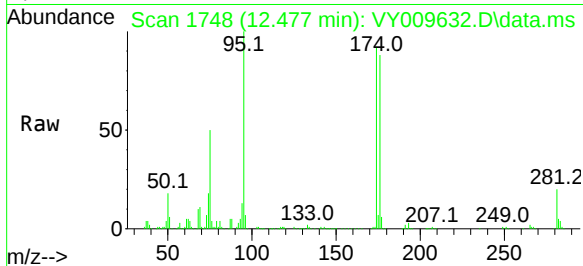




#76
1,2,3-Trichloropropane
Concen: 43.978 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3B

Tgt Ion: 75 Resp: 47939
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009632.D
Acq: 21 Jul 2022 14:43

Tgt Ion: 75 Resp: 47939
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

