

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009635.D
 Acq On : 21 Jul 2022 16:00
 Operator : KP/MD
 Sample : N3786-11
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3EA

Quant Time: Jul 22 02:30:24 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)

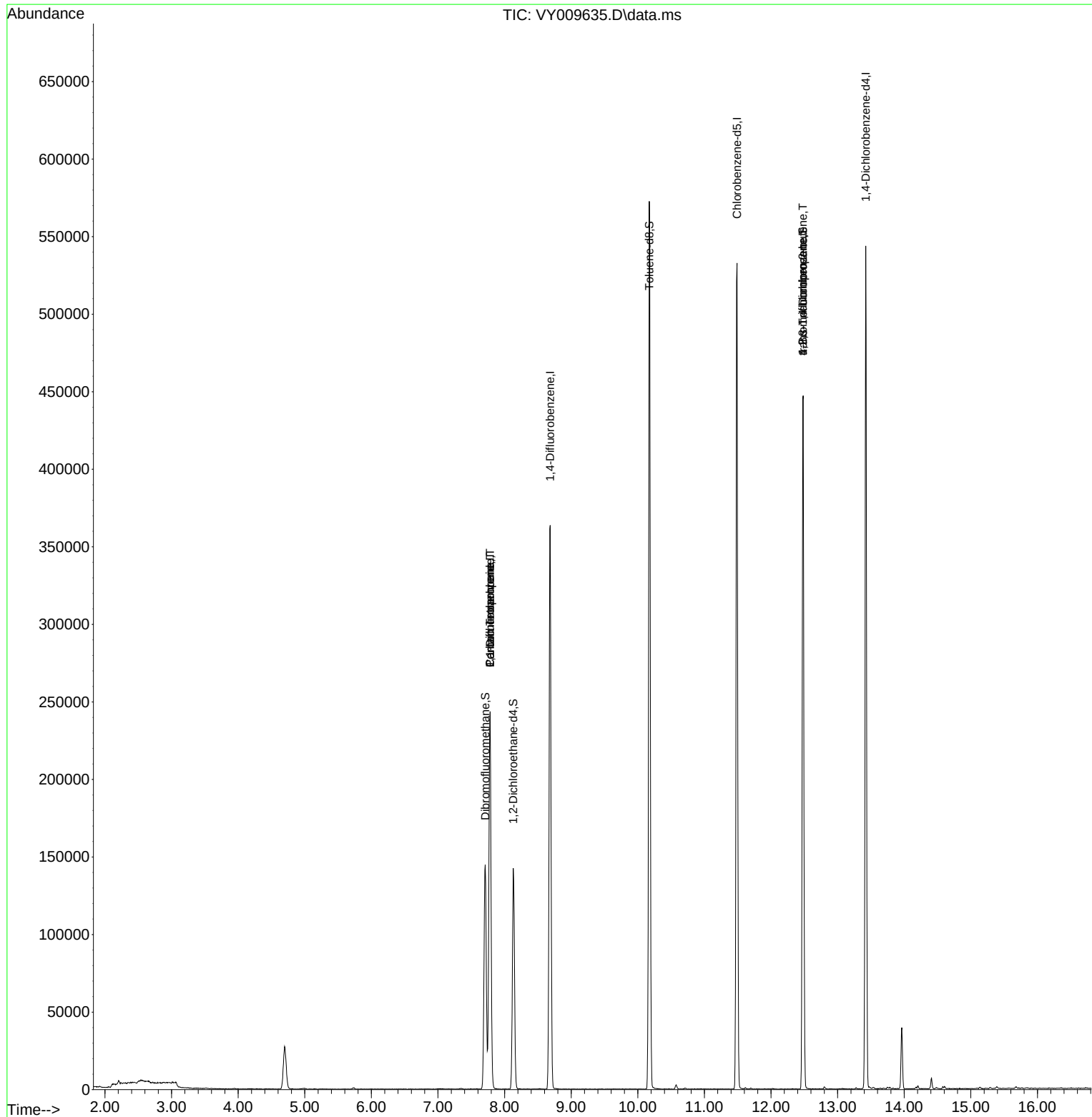
Internal Standards						
1) Pentafluorobenzene	7.783	168	200678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	108418	57.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.240%	
35) Dibromofluoromethane	7.710	113	104168	50.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.172	98	376316	47.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.420%	
62) 4-Bromofluorobenzene	12.477	95	121952	47.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 94.440%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	305	Below Cal	#	77
20) Methylene Chloride	4.698	84	21863	Below Cal	#	72
36) 1,1-Dichloropropene	7.783	75	13411	4.377	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18335	5.716	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	61841	45.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61841	88.777	ug/l #	7

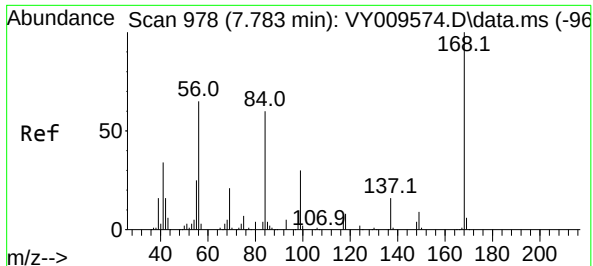
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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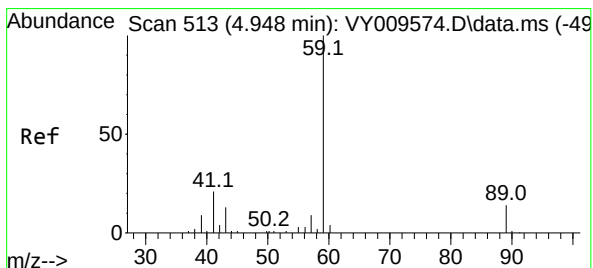
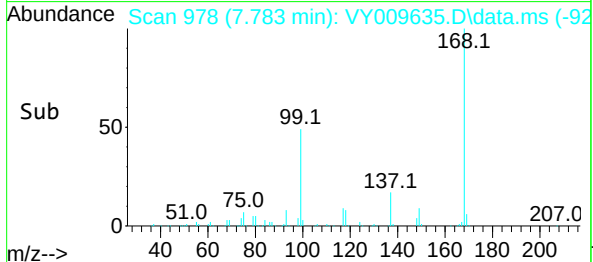
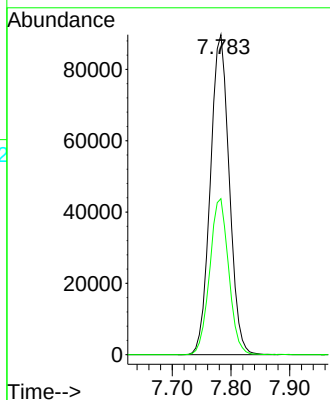
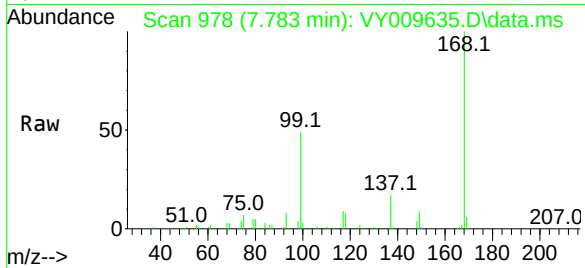




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

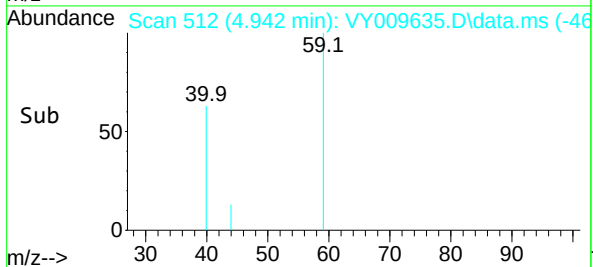
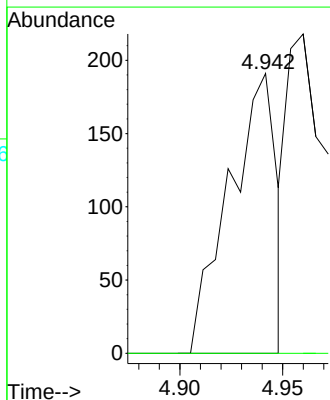
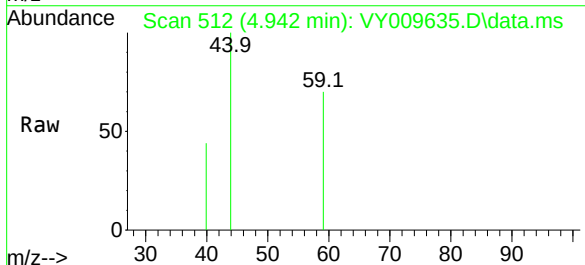
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3EA

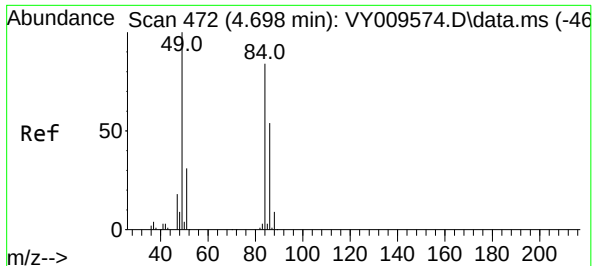
Tgt Ion:168 Resp: 200678
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

Tgt Ion: 59 Resp: 305
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: VY009635.D

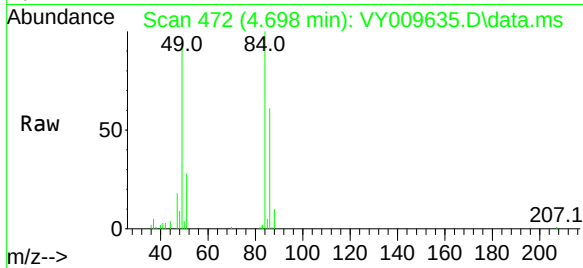
Acq: 21 Jul 2022 16:00

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC3EA



Tgt Ion: 84 Resp: 21863

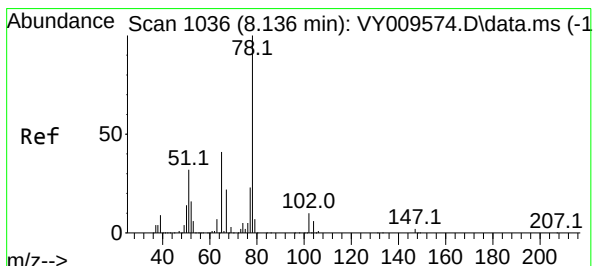
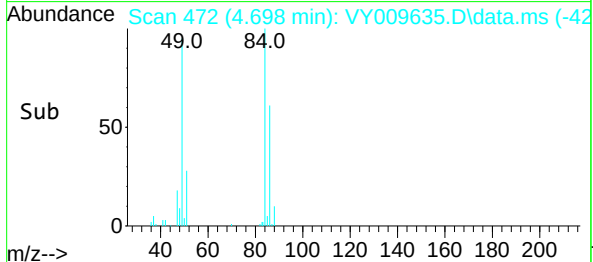
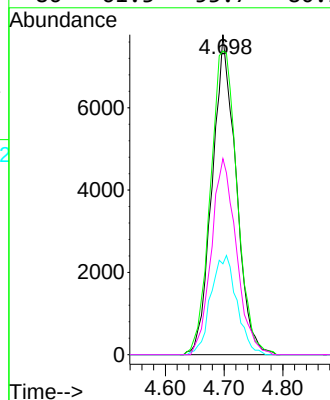
Ion Ratio Lower Upper

84 100

49 94.9 114.4 171.6#

51 28.4 35.3 52.9#

86 61.3 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 57.125 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY009635.D

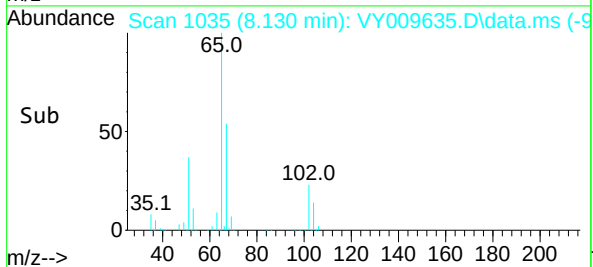
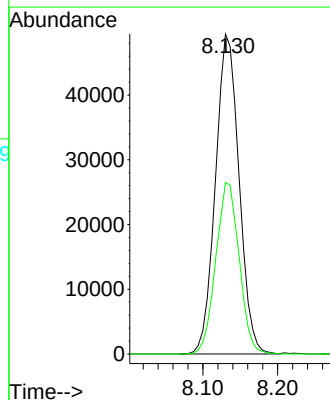
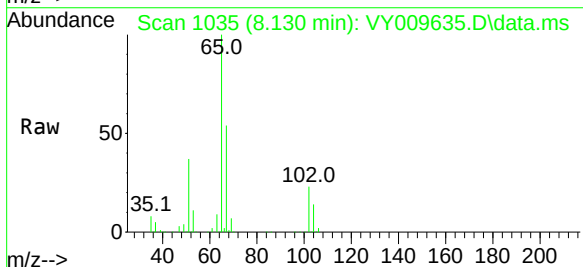
Acq: 21 Jul 2022 16:00

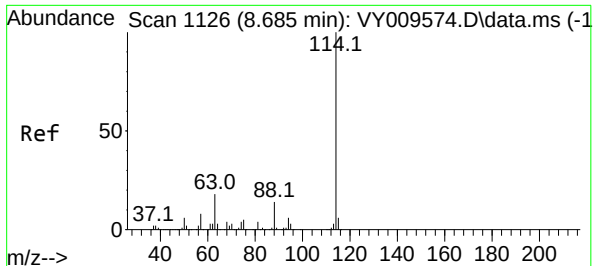
Tgt Ion: 65 Resp: 108418

Ion Ratio Lower Upper

65 100

67 53.1 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: VY009635.D

Acq: 21 Jul 2022 16:00

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC3EA

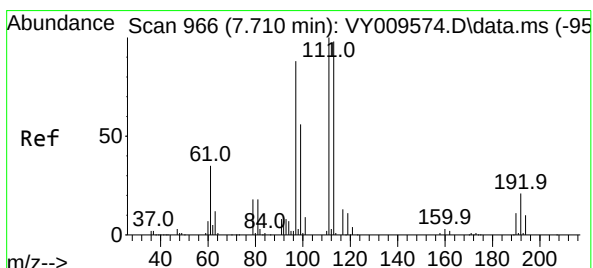
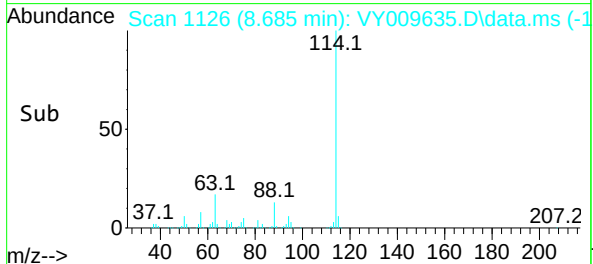
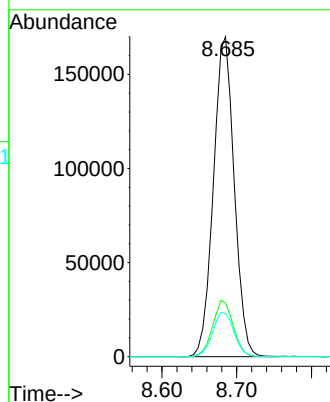
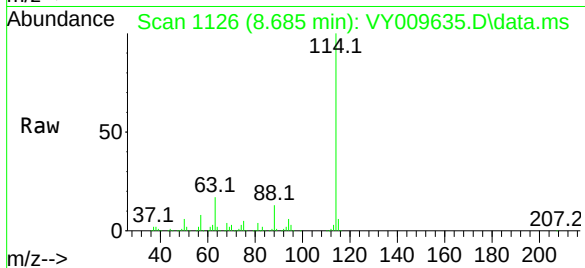
Tgt Ion:114 Resp: 329115

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.240 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009635.D

Acq: 21 Jul 2022 16:00

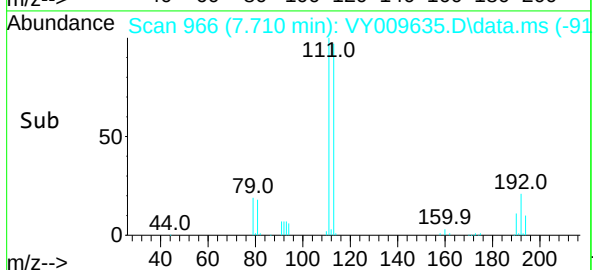
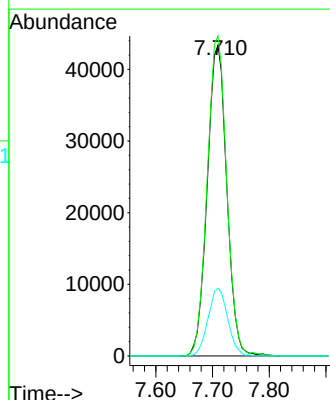
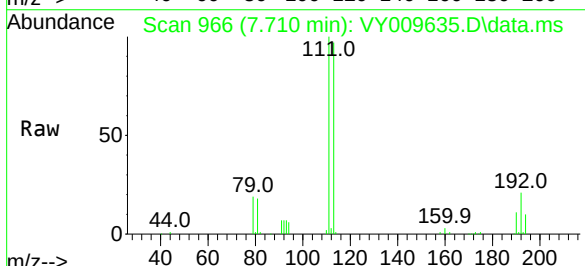
Tgt Ion:113 Resp: 104168

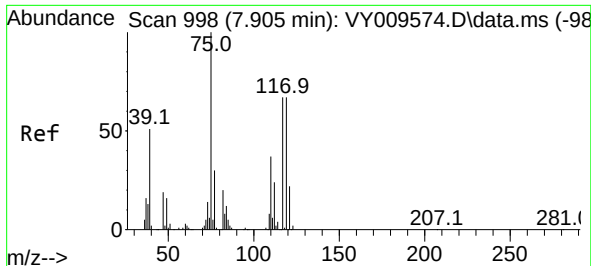
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009635.D

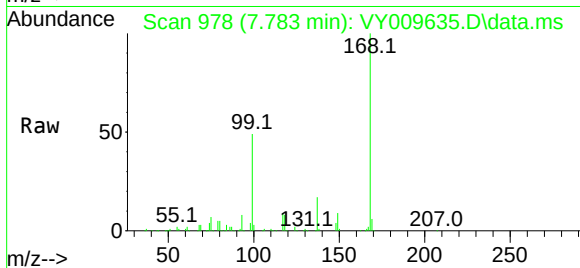
Acq: 21 Jul 2022 16:00

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC3EA



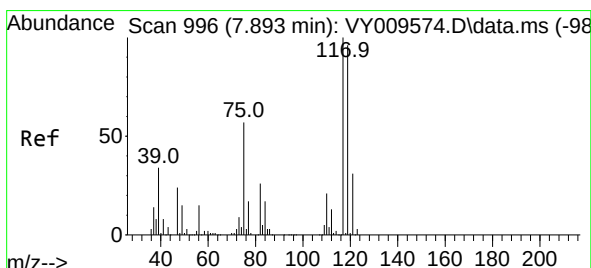
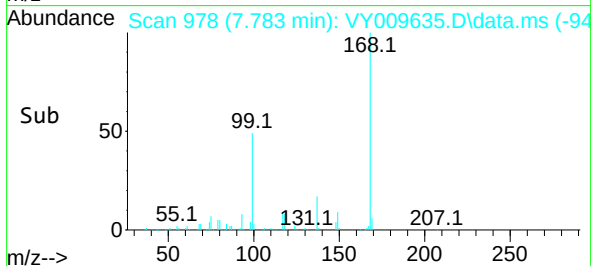
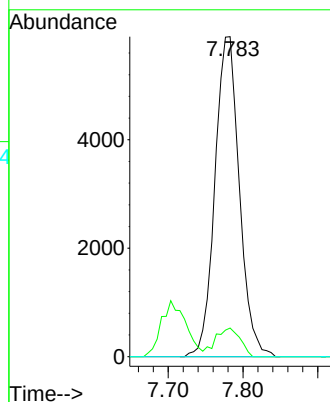
Tgt Ion: 75 Resp: 13411

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.716 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009635.D

Acq: 21 Jul 2022 16:00

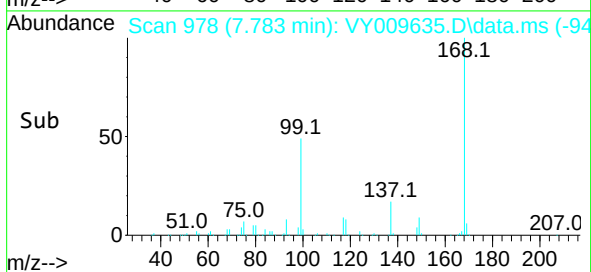
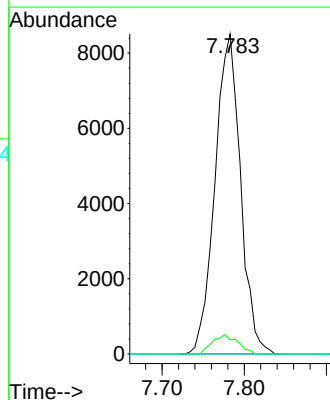
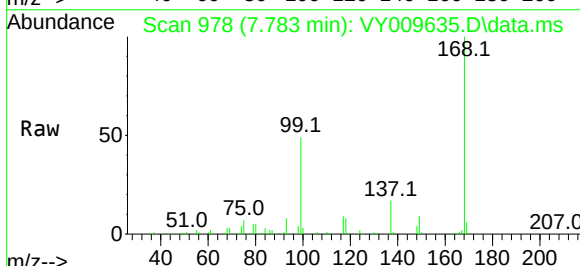
Tgt Ion: 117 Resp: 18335

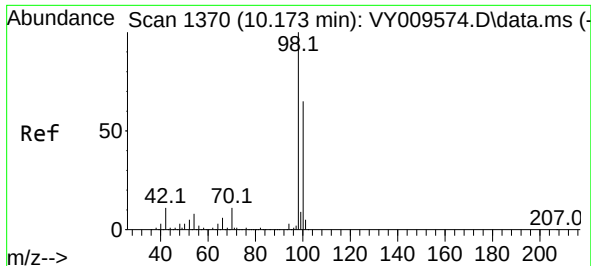
Ion Ratio Lower Upper

117 100

119 4.4 77.9 116.9#

121 0.0 24.8 37.2#

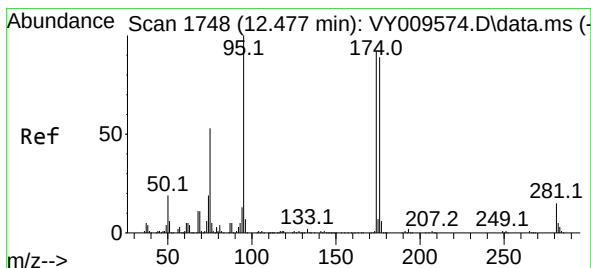
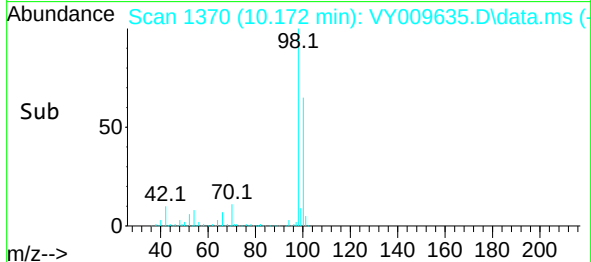
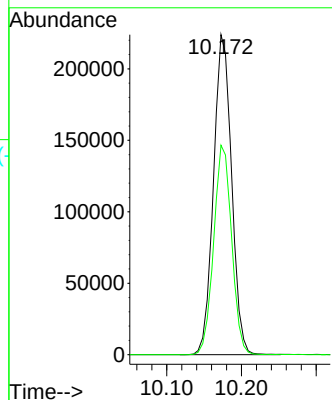
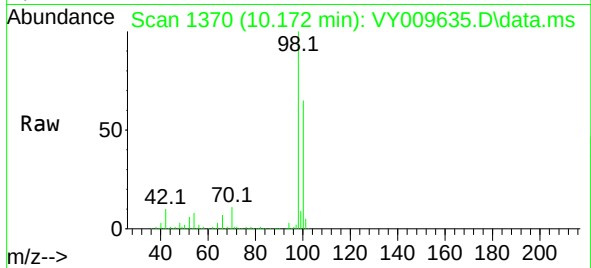




#50
Toluene-d8
Concen: 47.212 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

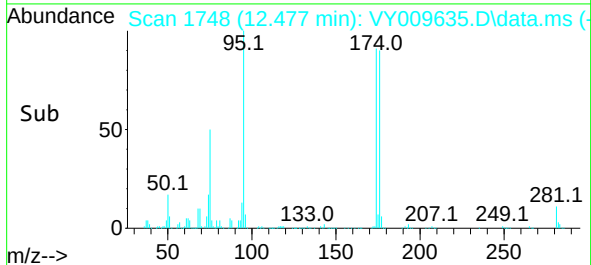
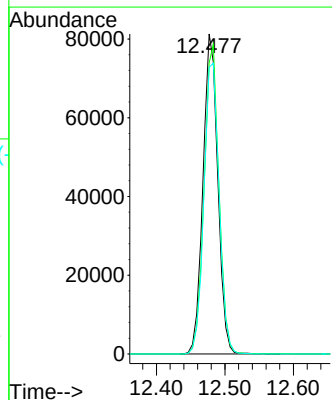
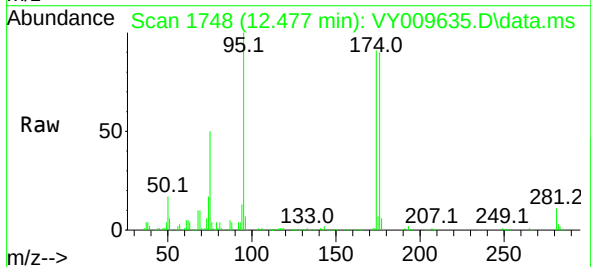
Instrument :
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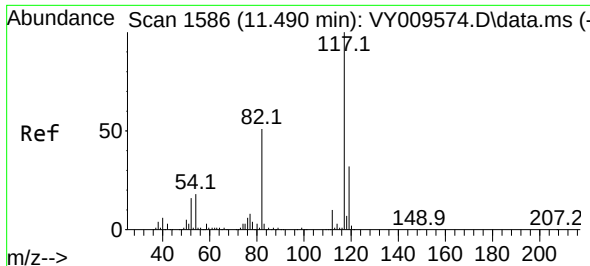
Tgt Ion: 98 Resp: 376316
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.217 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

Tgt Ion: 95 Resp: 121952
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 93.7 0.0 175.8

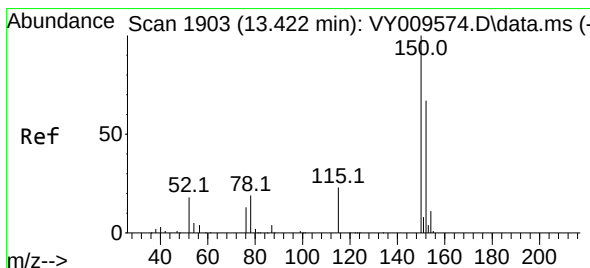
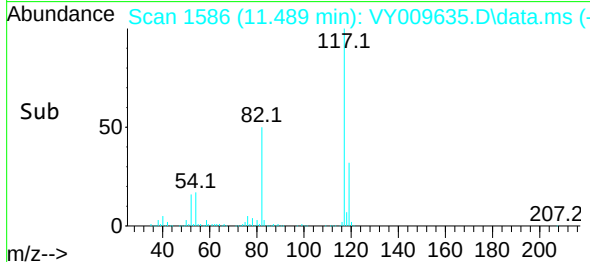
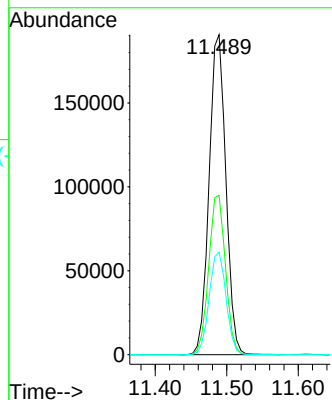
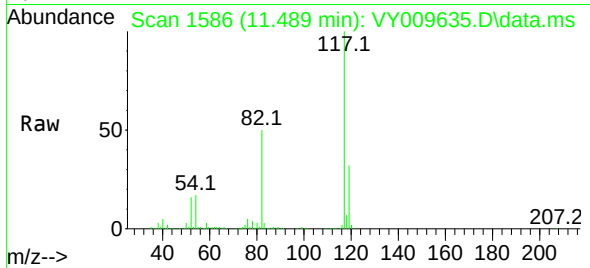




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

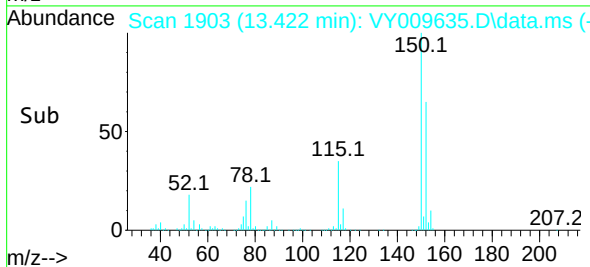
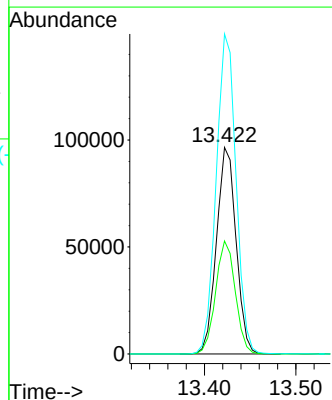
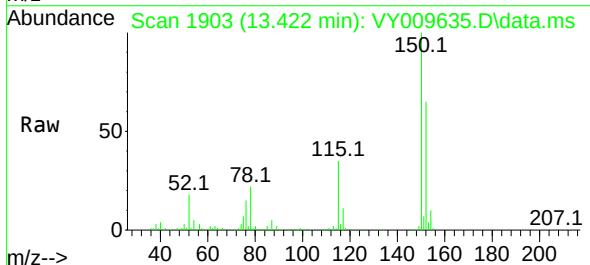
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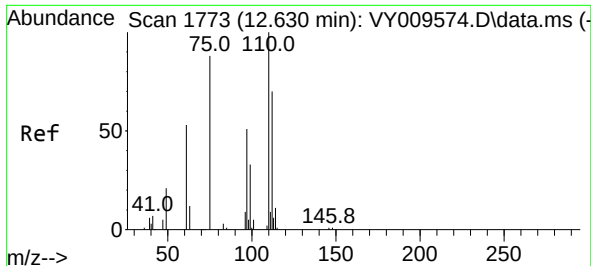
Tgt Ion:117 Resp: 309911
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

Tgt Ion:152 Resp: 144186
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.7 0.0 347.6

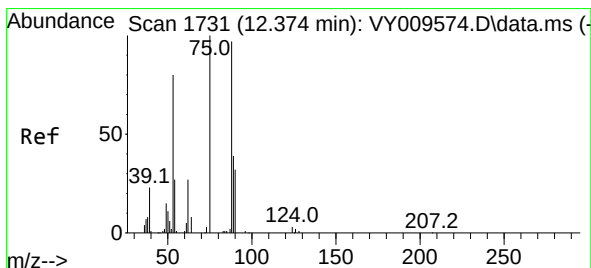
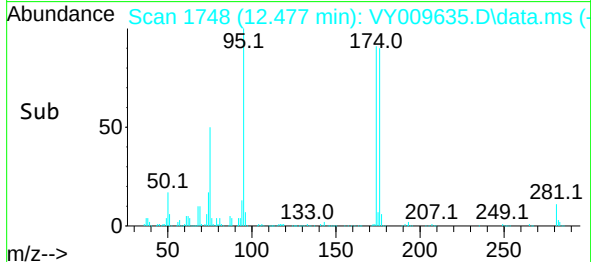
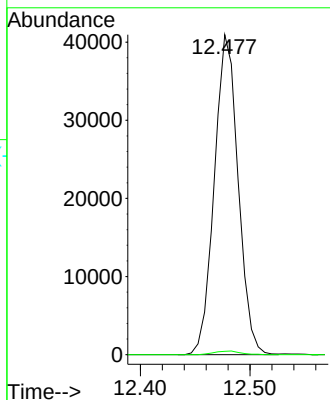
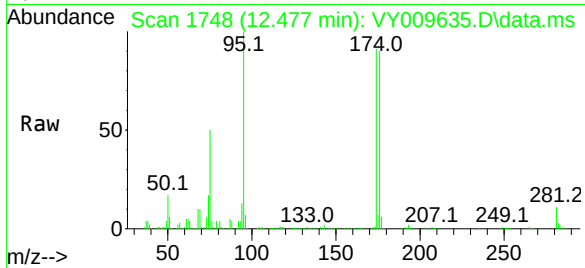




#76
1,2,3-Trichloropropane
Concen: 45.023 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3EA

Tgt Ion: 75 Resp: 61841
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.777 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009635.D
Acq: 21 Jul 2022 16:00

Tgt Ion: 75 Resp: 61841
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

