

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009637.D
 Acq On : 21 Jul 2022 16:48
 Operator : KP/MD
 Sample : N3786-15
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC5B

Quant Time: Jul 22 02:30:38 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)

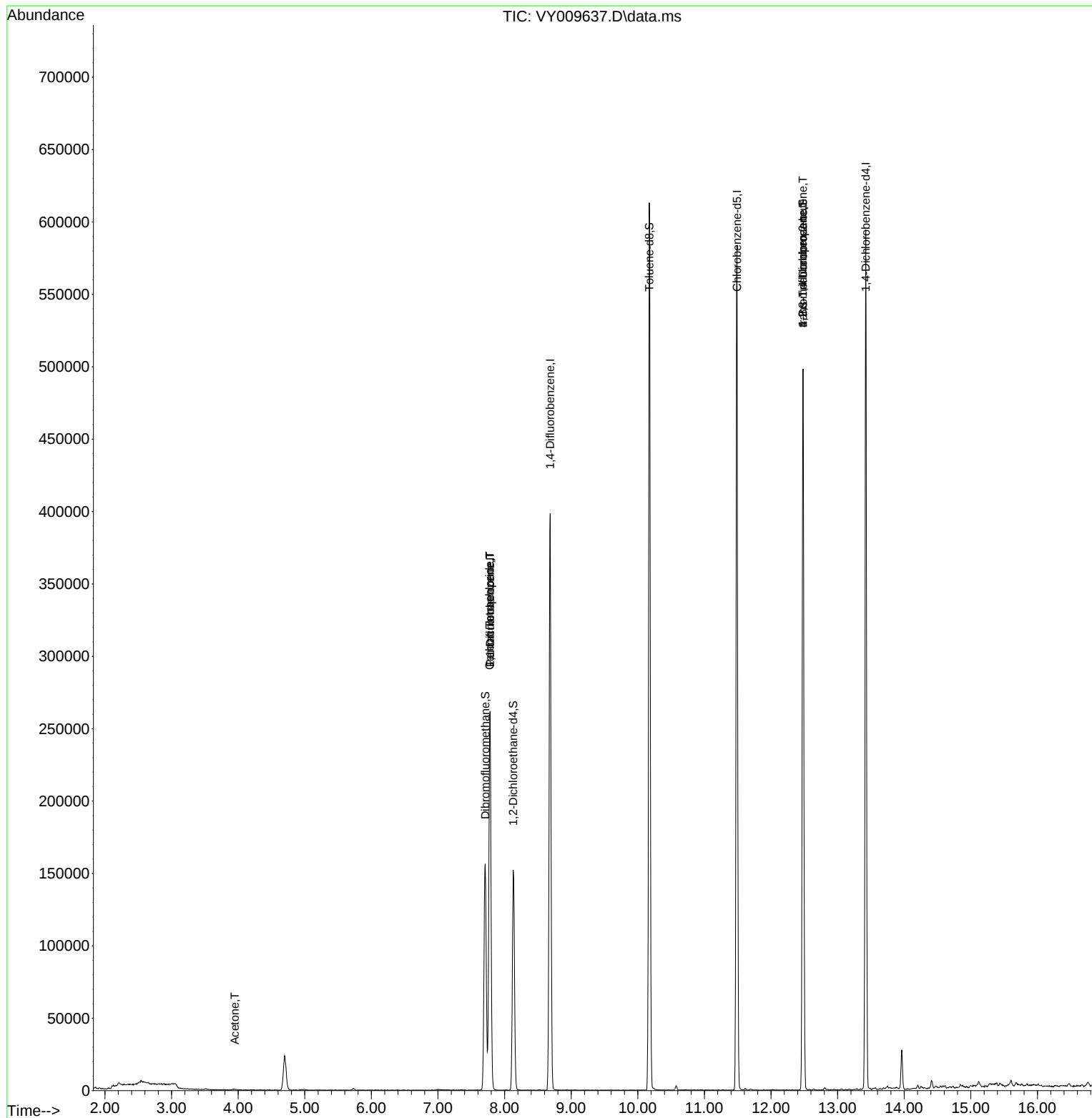
Internal Standards						
1) Pentafluorobenzene	7.783	168	217925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	355967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	118264	57.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.760%
35) Dibromofluoromethane	7.710	113	111541	49.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.173	98	406311	47.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.477	95	131631	47.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.240%
Target Compounds						
11) Tert butyl alcohol	4.948	59	447	Below Cal	#	77
16) Acetone	3.948	43	922	1.768	ug/l	98
20) Methylene Chloride	4.698	84	18710	Below Cal	#	80
36) 1,1-Dichloropropene	7.783	75	14186	4.281	ug/l	# 51
38) Carbon Tetrachloride	7.777	117	20013	5.769	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	66535	44.652	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	66535	88.045	ug/l	# 7

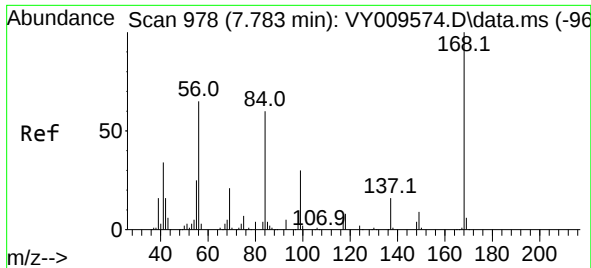
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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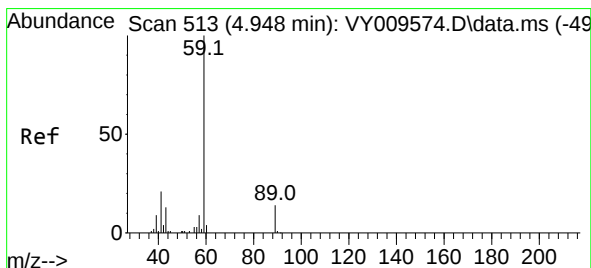
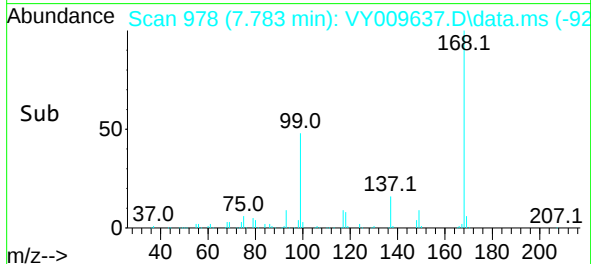
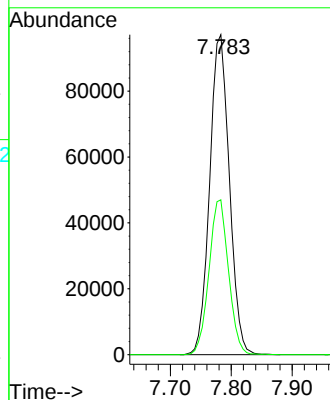
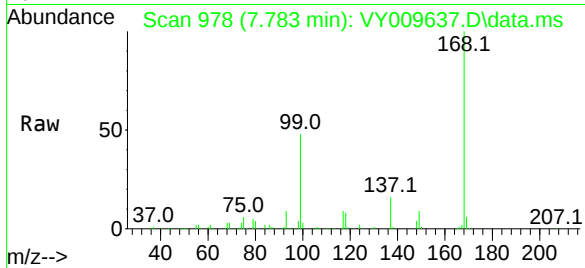




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

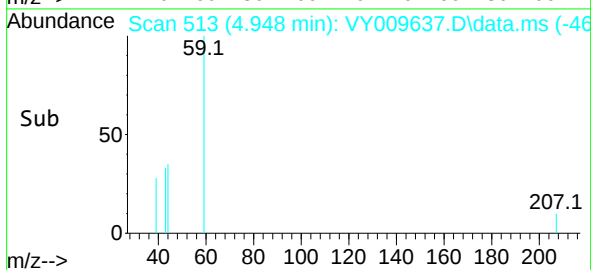
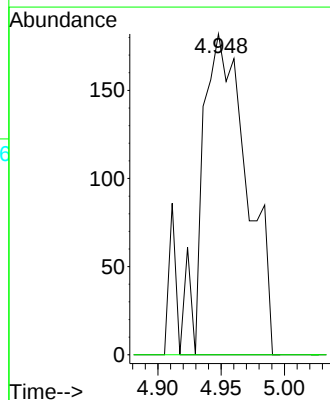
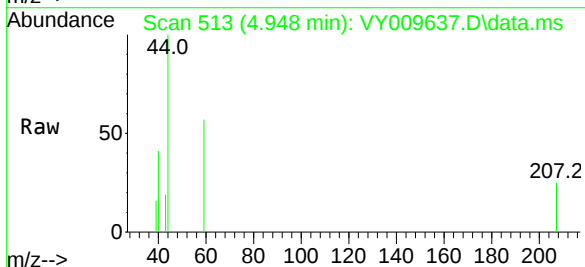
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC5B

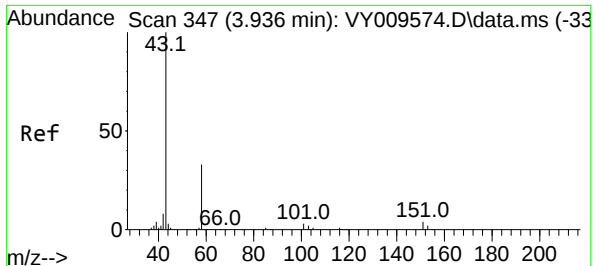
Tgt Ion:168 Resp: 217925
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

Tgt Ion: 59 Resp: 447
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

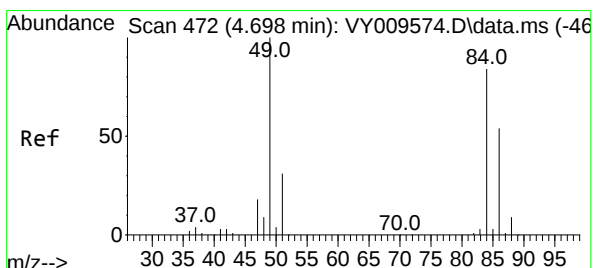
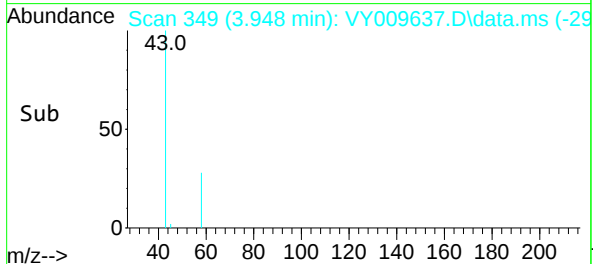
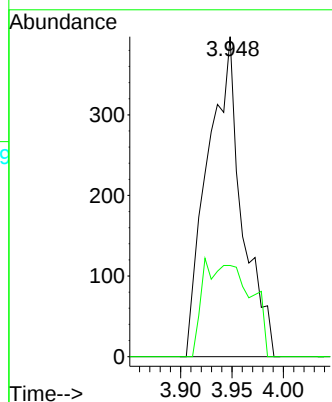
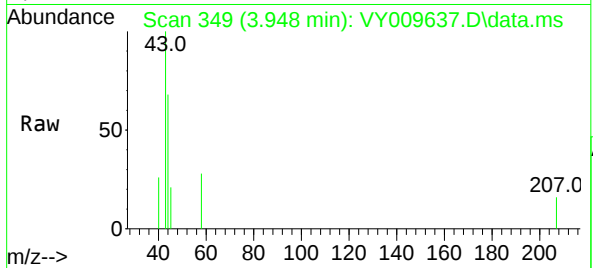




#16
Acetone
Concen: 1.768 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

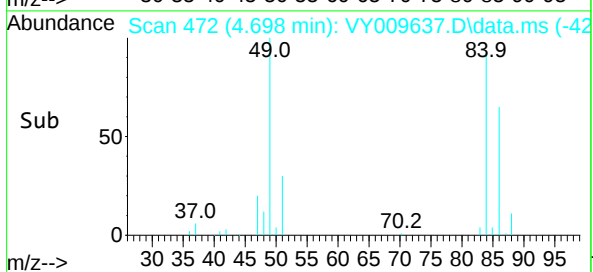
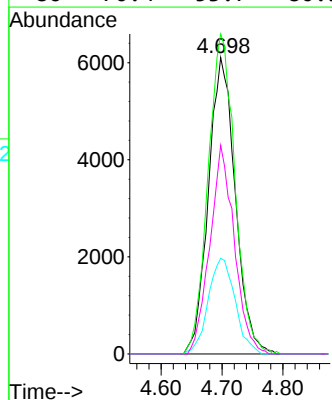
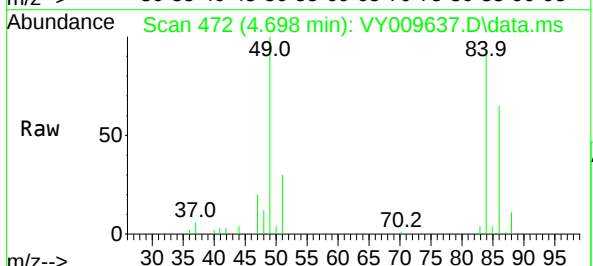
Instrument :
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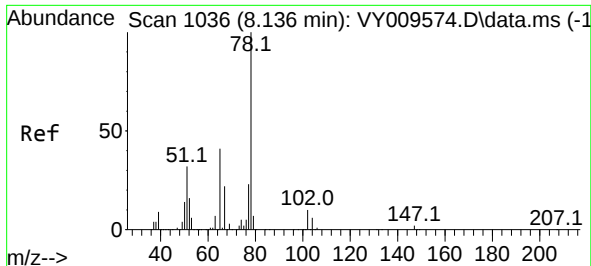
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

Tgt Ion: 84 Resp: 18710
Ion Ratio Lower Upper
84 100
49 107.9 114.4 171.6#
51 32.3 35.3 52.9#
86 70.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.381 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009637.D

Acq: 21 Jul 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

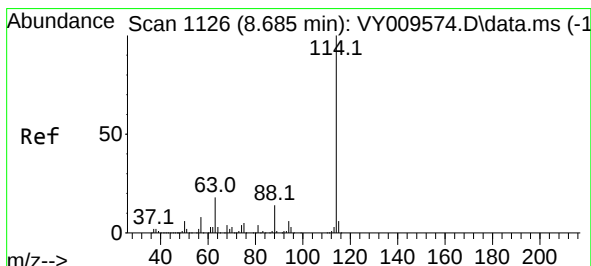
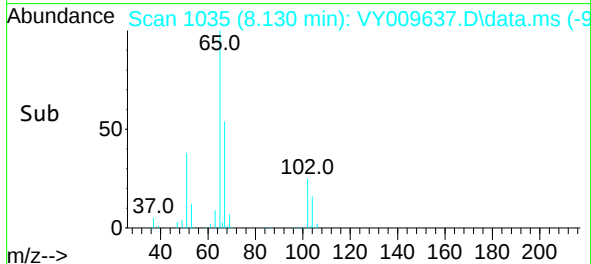
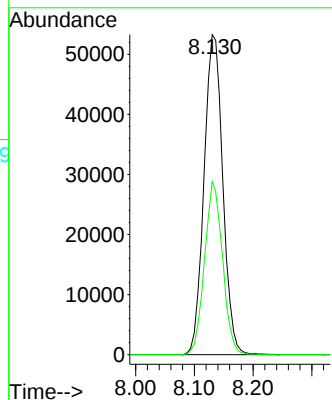
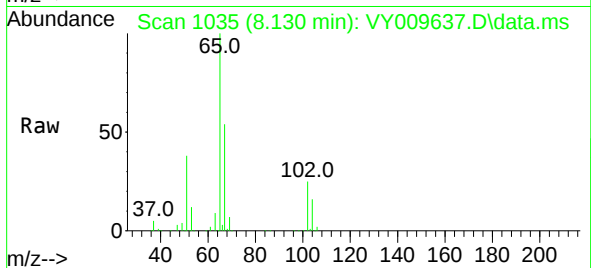
0718-WC-TP-WC5B

Tgt Ion: 65 Resp: 118264

Ion Ratio Lower Upper

65 100

67 51.9 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: VY009637.D

Acq: 21 Jul 2022 16:48

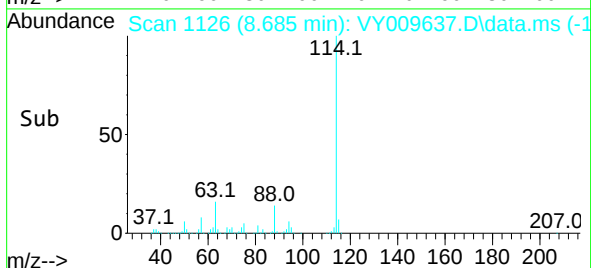
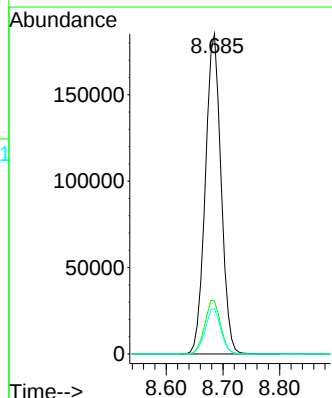
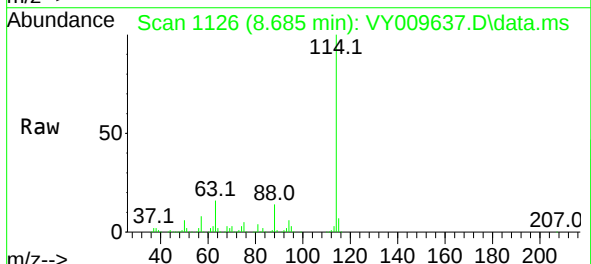
Tgt Ion: 114 Resp: 355967

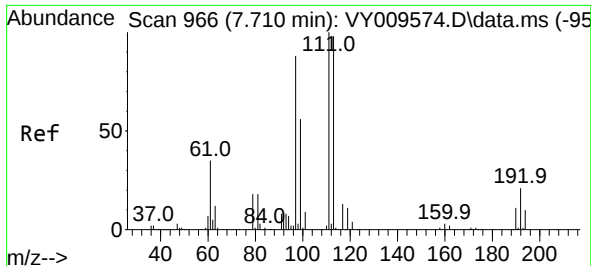
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 14.1 0.0 31.8

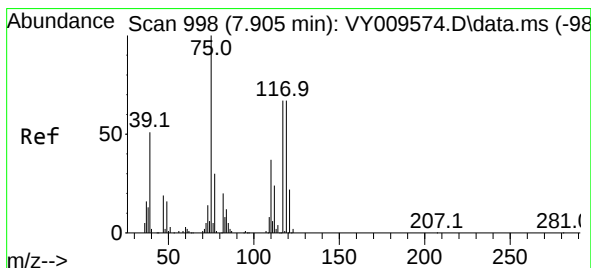
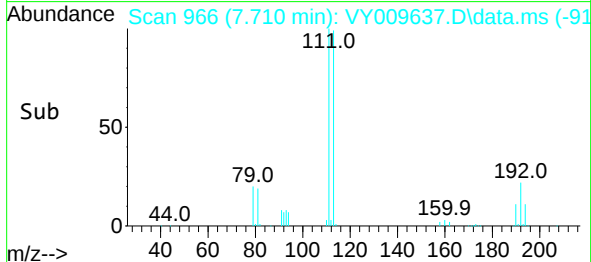
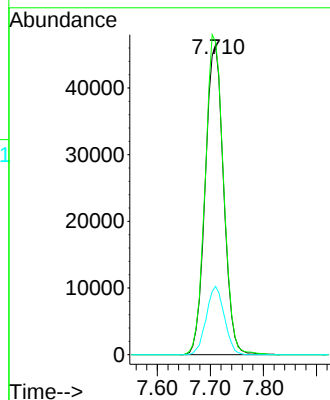
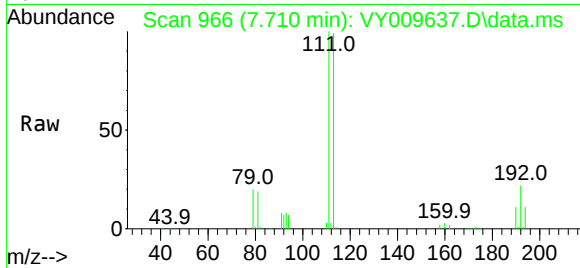




#35
Dibromofluoromethane
Concen: 49.738 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

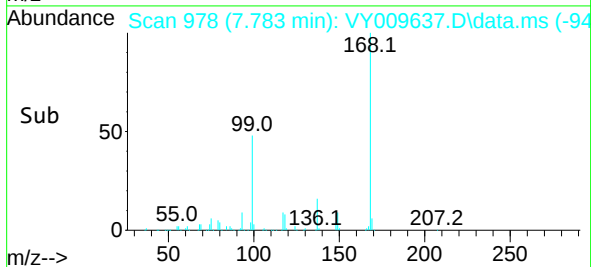
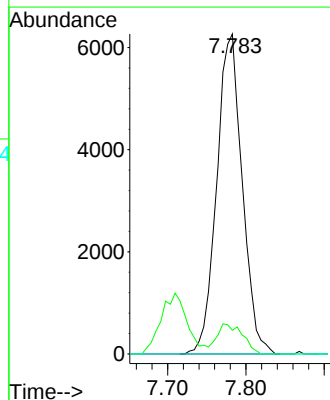
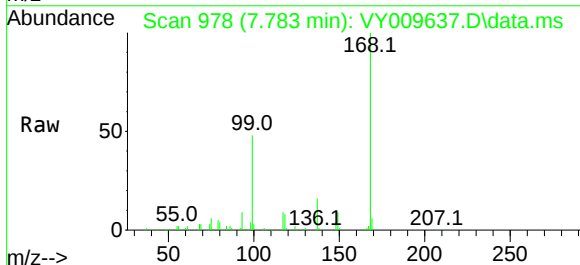
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ClientSampleId :
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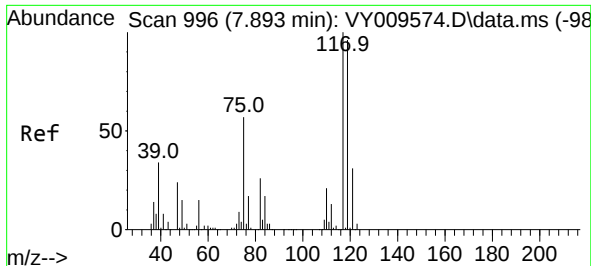
Tgt Ion:113 Resp: 111541
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

Tgt Ion: 75 Resp: 14186
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

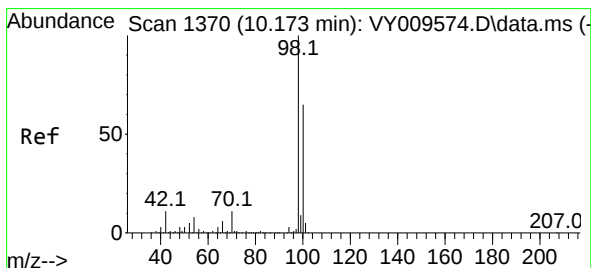
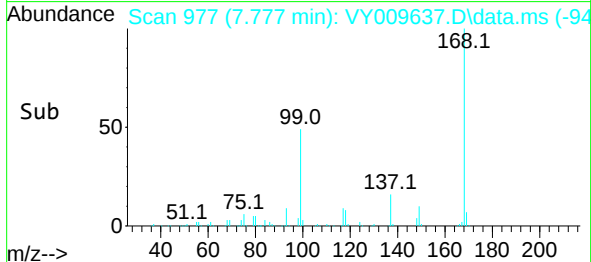
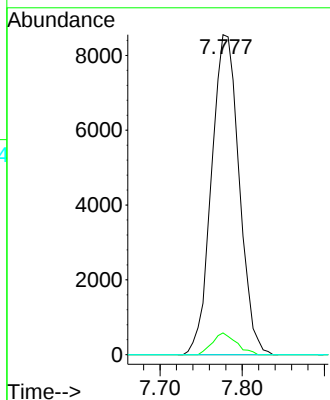
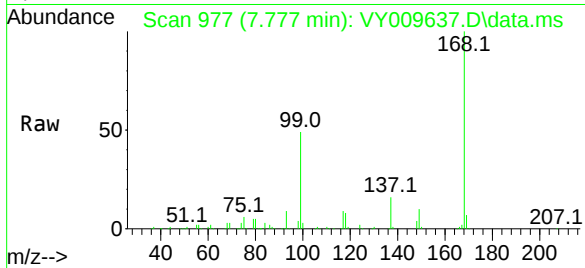




#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

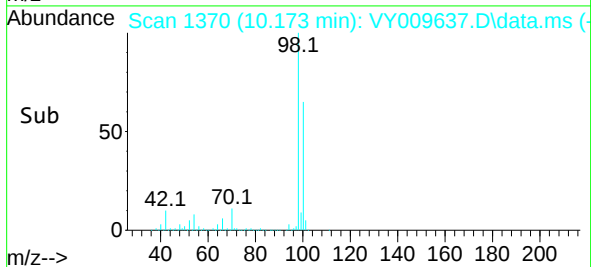
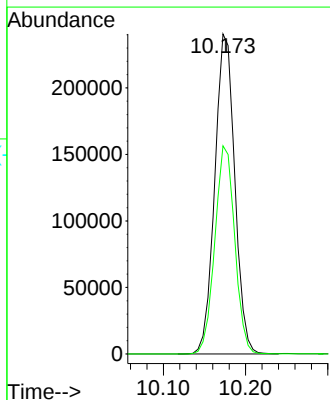
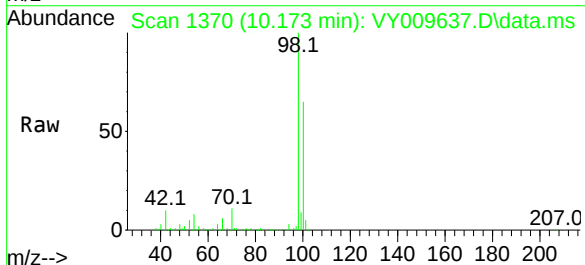
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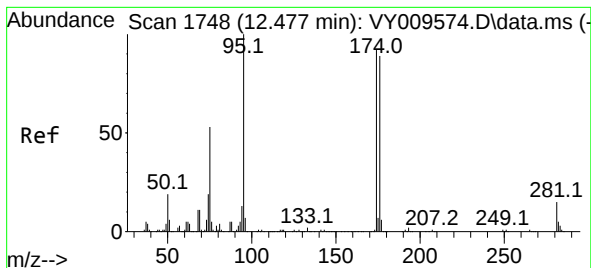
Tgt Ion:117 Resp: 20013
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.130 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

Tgt Ion: 98 Resp: 406311
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

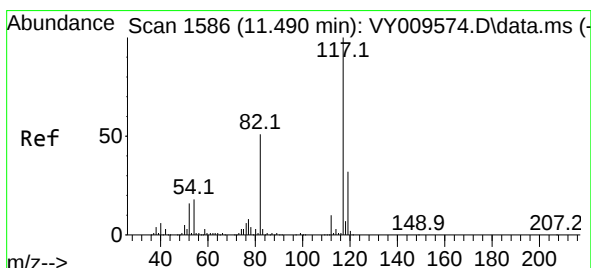
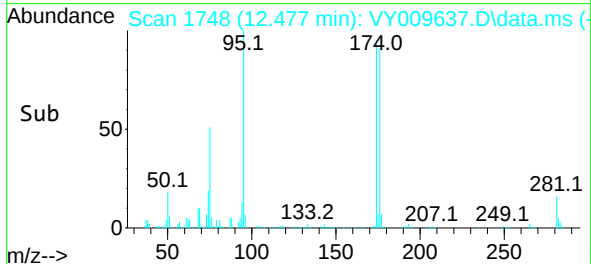
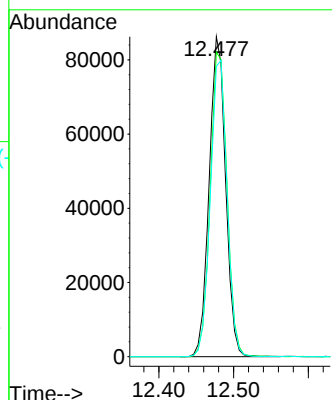
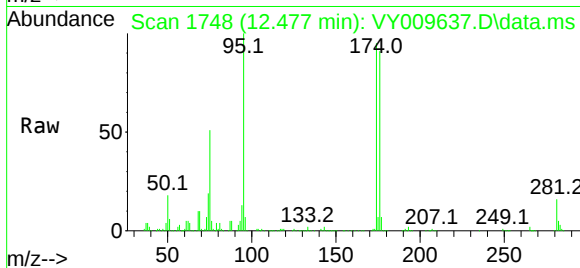




#62
4-Bromofluorobenzene
Concen: 47.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

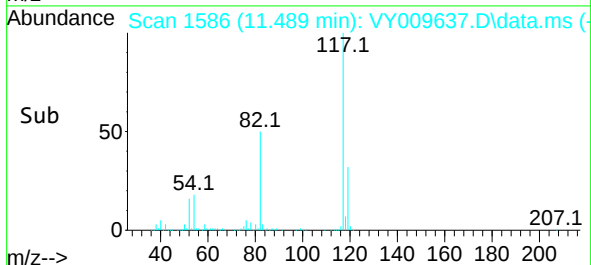
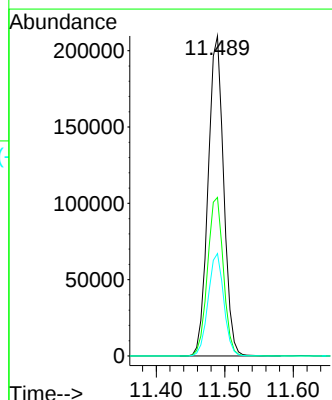
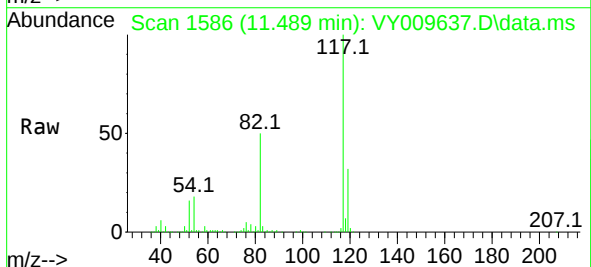
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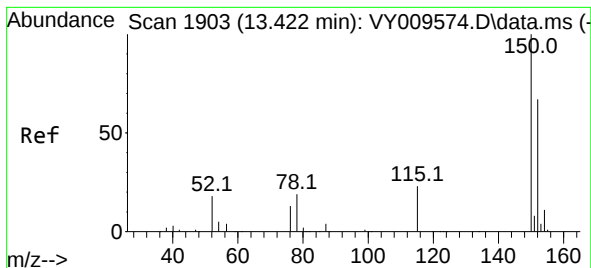
Tgt Ion: 95 Resp: 131631
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 94.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009637.D
Acq: 21 Jul 2022 16:48

Tgt Ion: 117 Resp: 331563
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.0 25.4 38.0

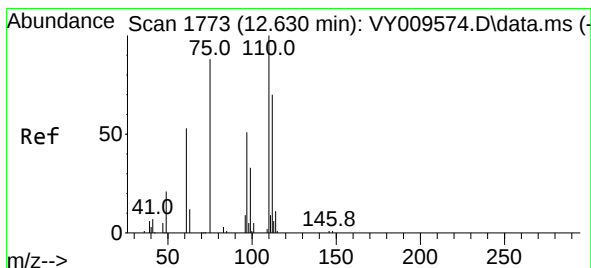
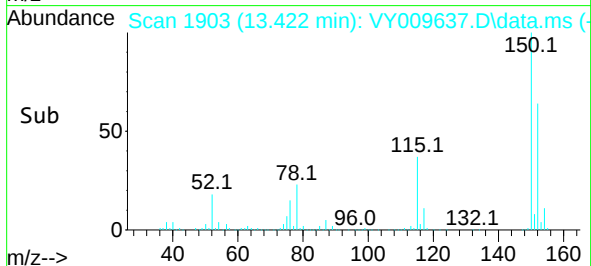
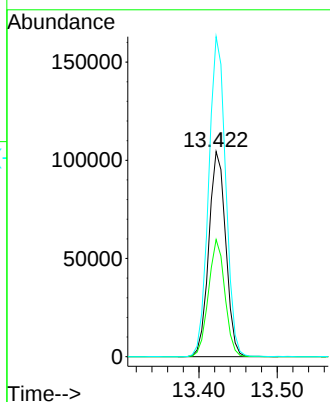
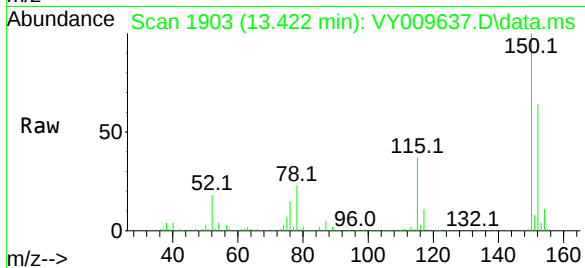




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009637.D
 Acq: 21 Jul 2022 16:48

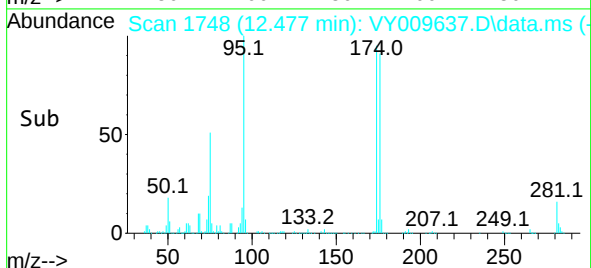
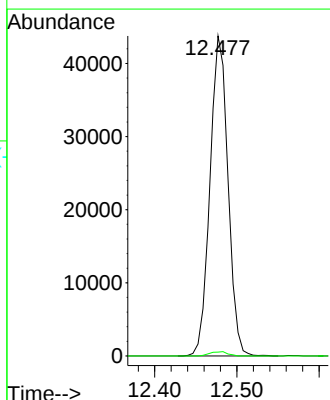
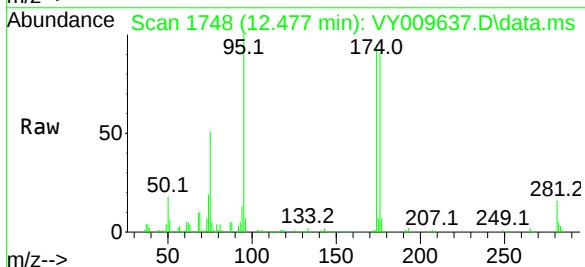
Instrument :
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 0718-WC-TP-WC5B

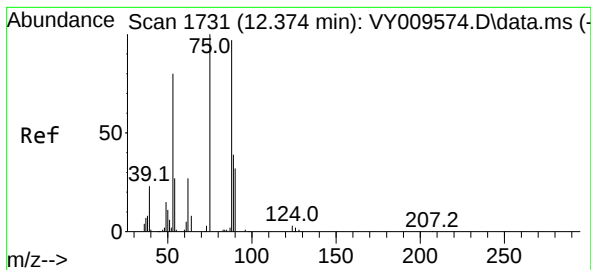
Tgt Ion:152 Resp: 156420
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.652 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009637.D
 Acq: 21 Jul 2022 16:48

Tgt Ion: 75 Resp: 66535
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.045 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009637.D
 Acq: 21 Jul 2022 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC5B

Tgt Ion: 75 Resp: 66535
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.4 37.0 55.4#

