

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009630.D
 Acq On : 21 Jul 2022 13:56
 Operator : KP/MD
 Sample : N3686-01
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-12EA

Quant Time: Jul 22 02:29:43 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)

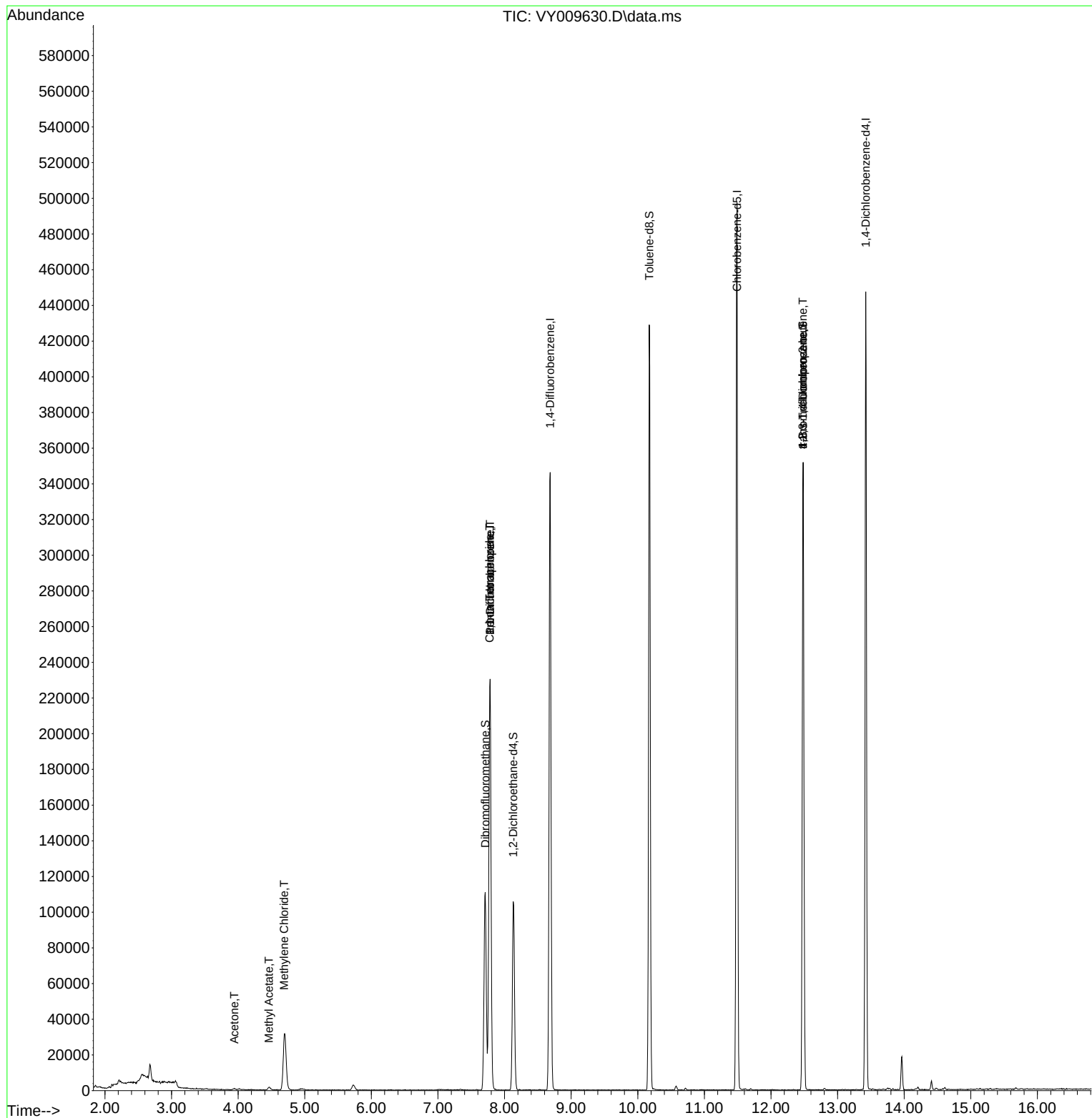
Internal Standards						
1) Pentafluorobenzene	7.783	168	194941	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	316567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	82029	44.492	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.980%		
35) Dibromofluoromethane	7.710	113	78468	39.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.680%		
50) Toluene-d8	10.173	98	287423	37.489	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	74.980%#		
62) 4-Bromofluorobenzene	12.477	95	84369	33.961	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	67.920%		
Target Compounds						
11) Tert butyl alcohol	4.948	59	1502	Below Cal	#	77
16) Acetone	3.942	43	963	2.065	ug/l #	75
18) Methyl Acetate	4.460	43	2699	2.062	ug/l #	85
20) Methylene Chloride	4.692	84	25775	1.376	ug/l #	80
36) 1,1-Dichloropropene	7.783	75	12420	4.214	ug/l #	51
38) Carbon Tetrachloride	7.777	117	17514	5.677	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	42849	37.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42849	73.412	ug/l #	8

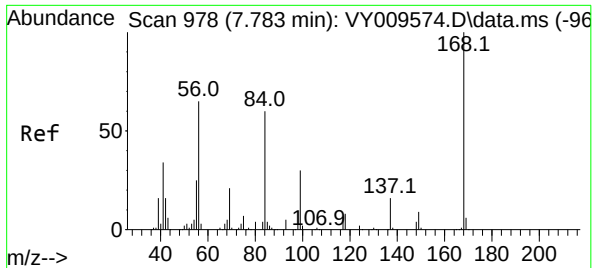
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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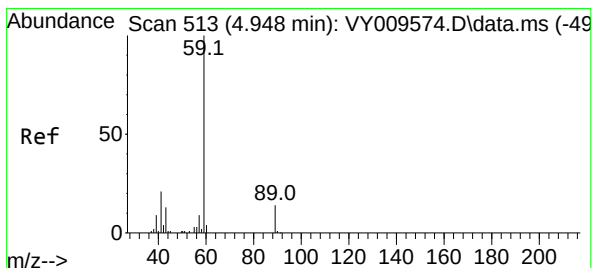
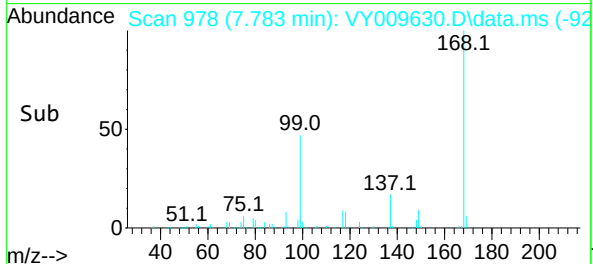
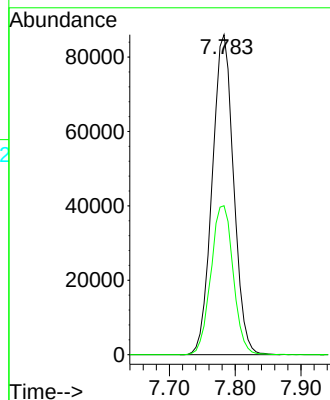
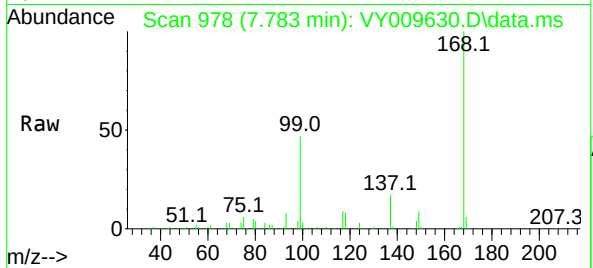




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

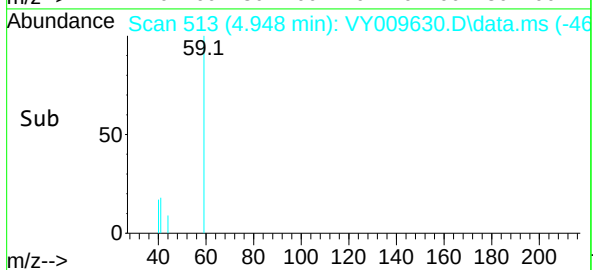
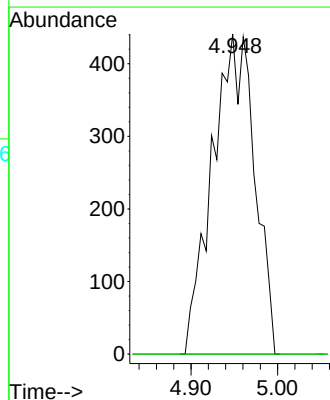
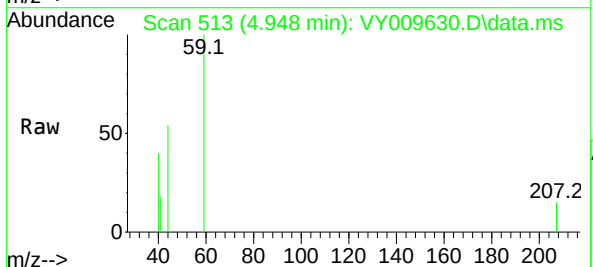
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

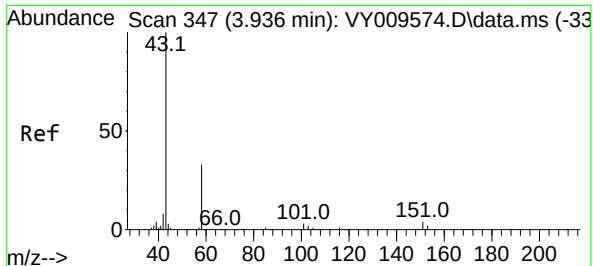
Tgt Ion:168 Resp: 194941
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Tgt Ion: 59 Resp: 1502
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

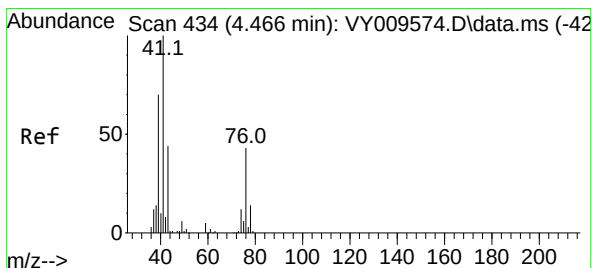
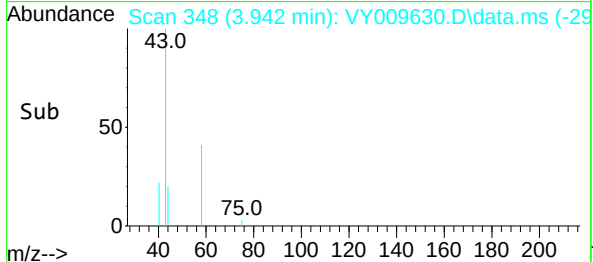
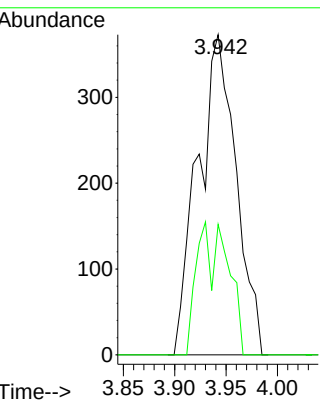
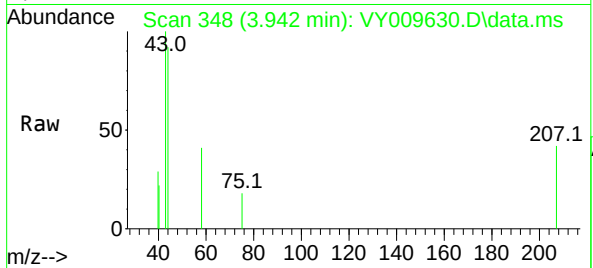




#16
Acetone
Concen: 2.065 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

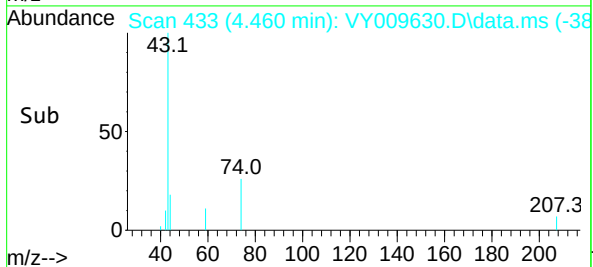
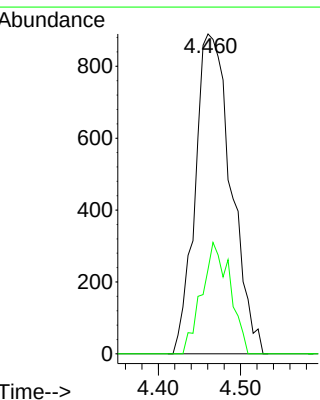
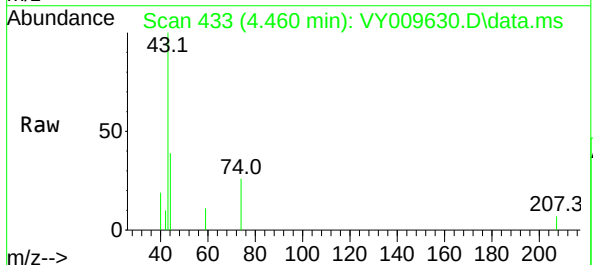
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

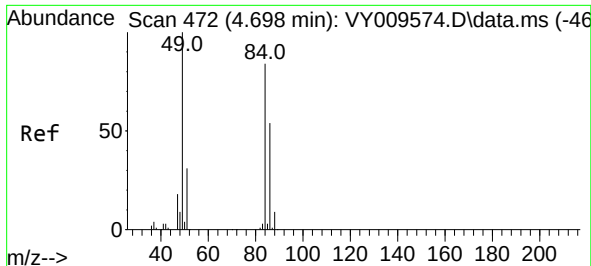
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 40.8 22.0 33.0#



#18
Methyl Acetate
Concen: 2.062 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

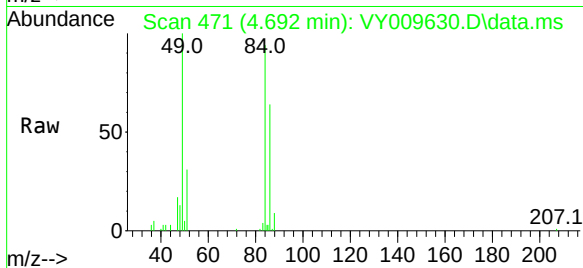
Tgt Ion: 43 Resp: 2699
Ion Ratio Lower Upper
43 100
74 27.5 16.6 24.8#



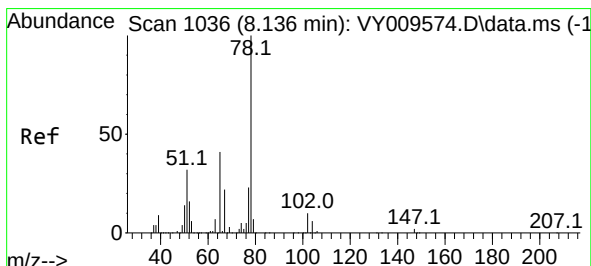
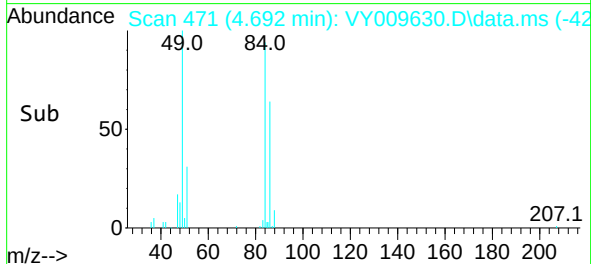
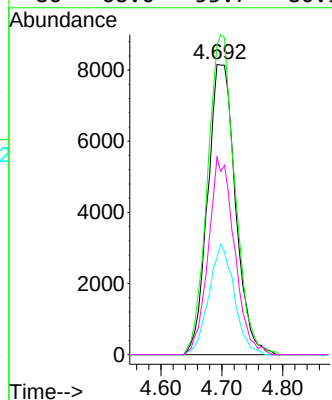


#20
Methylene Chloride
Concen: 1.376 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

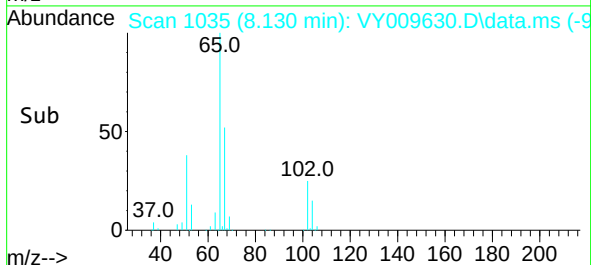
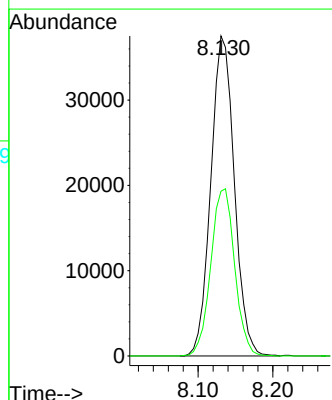
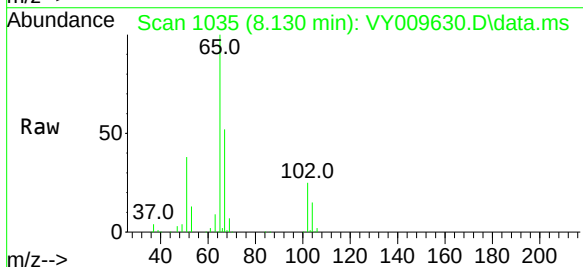


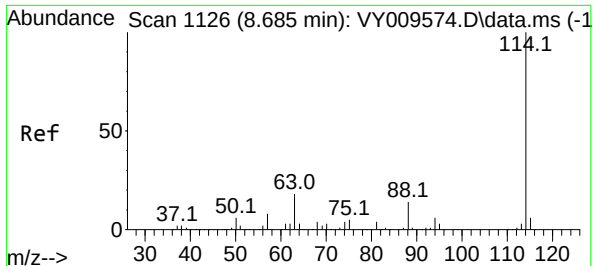
Tgt Ion: 84 Resp: 25775
Ion Ratio Lower Upper
84 100
49 106.7 114.4 171.6#
51 33.4 35.3 52.9#
86 68.0 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 44.492 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Tgt Ion: 65 Resp: 82029
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: VY009630.D

Acq: 21 Jul 2022 13:56

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-12EA

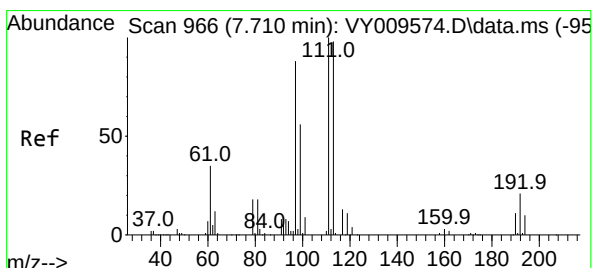
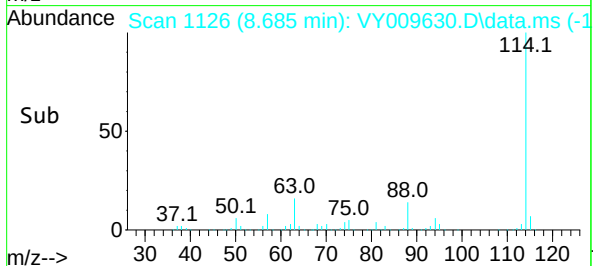
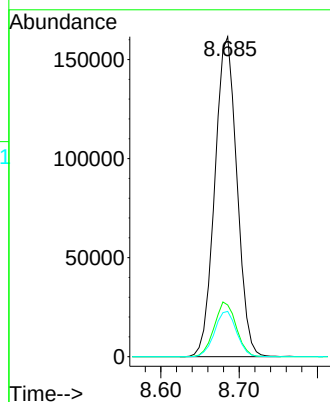
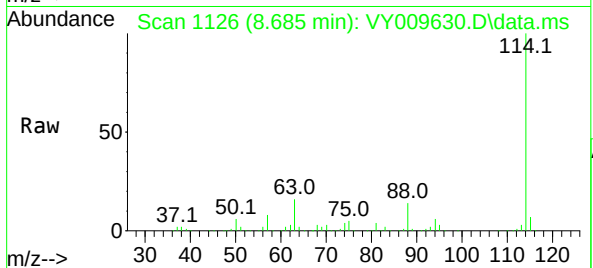
Tgt Ion:114 Resp: 316567

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.345 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009630.D

Acq: 21 Jul 2022 13:56

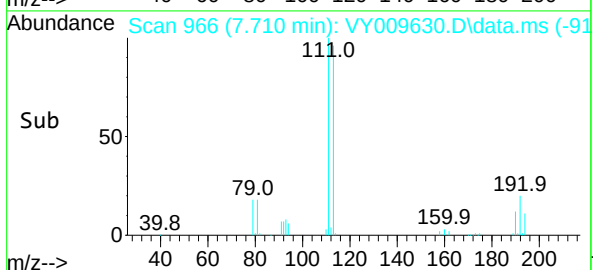
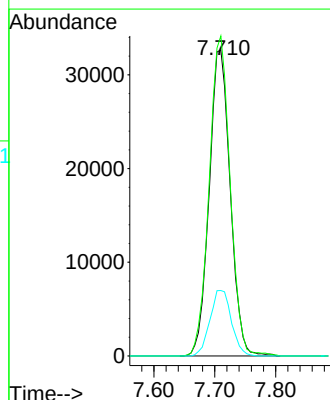
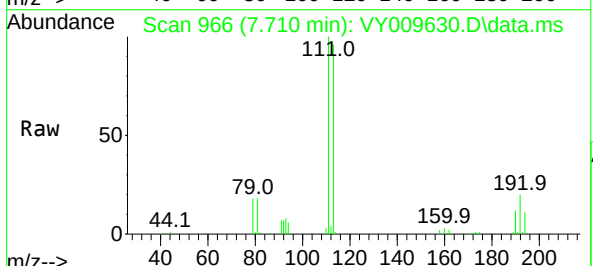
Tgt Ion:113 Resp: 78468

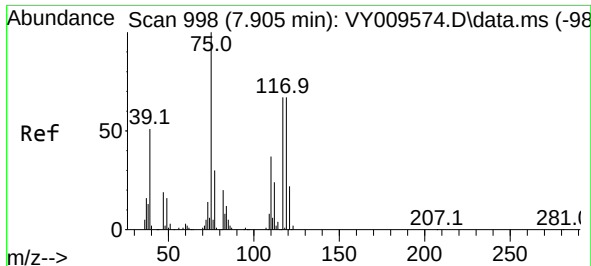
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 21.8 17.6 26.4

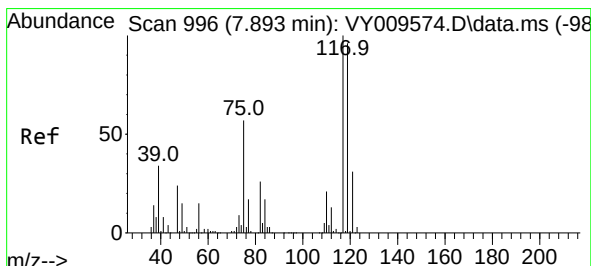
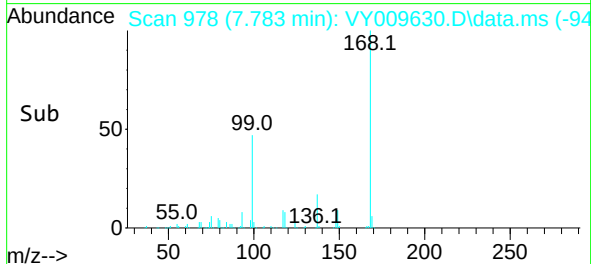
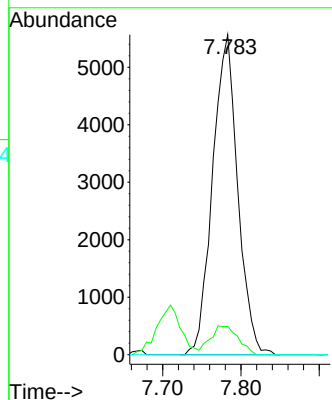
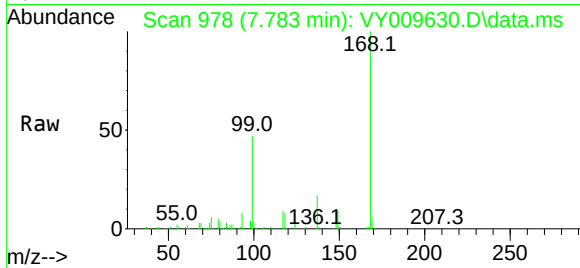




#36
1,1-Dichloropropene
Concen: 4.214 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

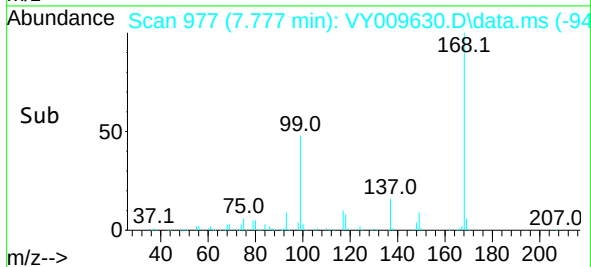
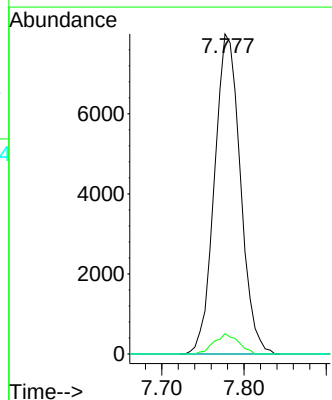
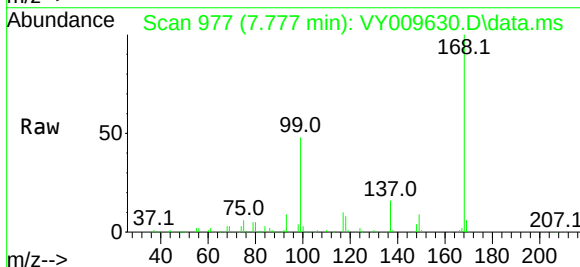
Instrument :
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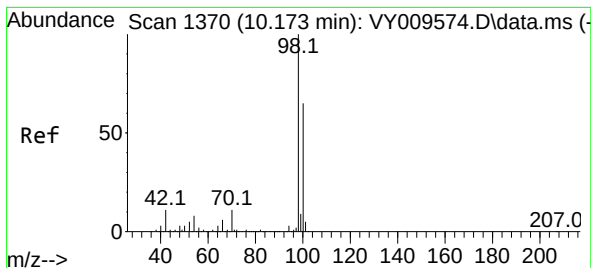
Tgt Ion: 75 Resp: 12420
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Tgt Ion: 117 Resp: 17514
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#

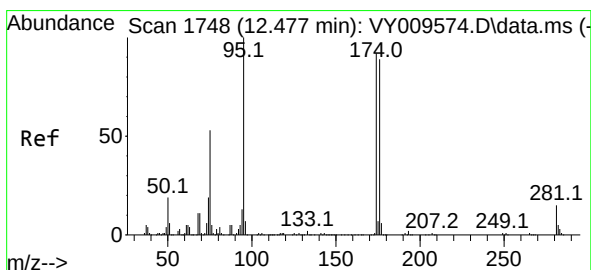
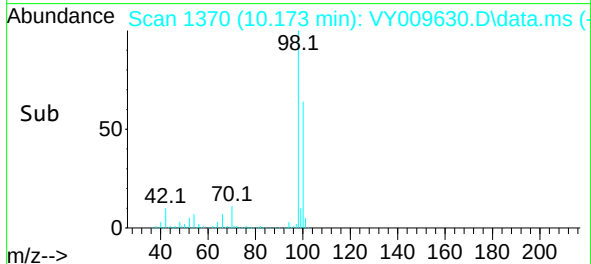
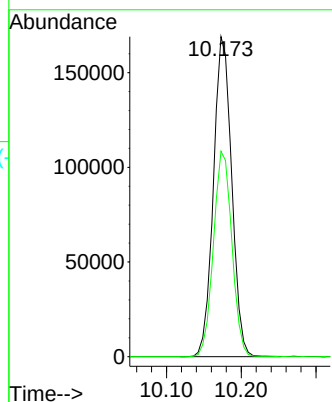
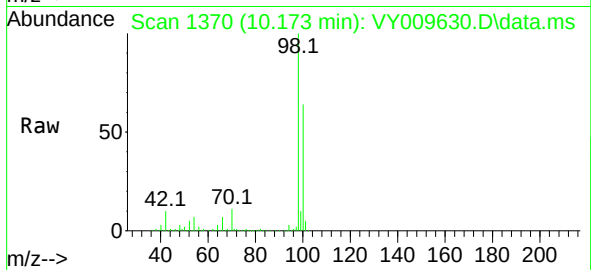




#50
Toluene-d8
Concen: 37.489 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

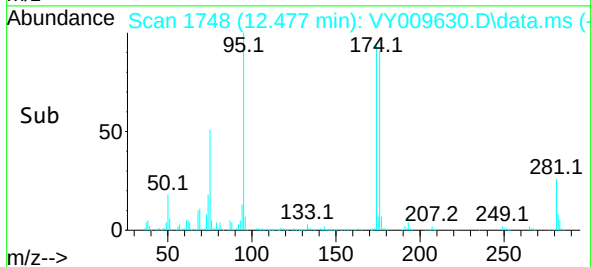
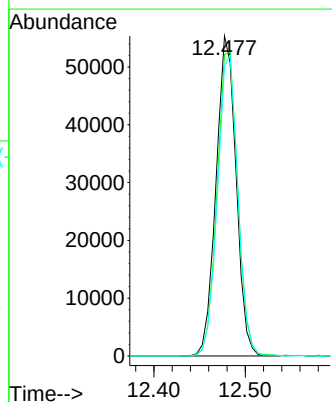
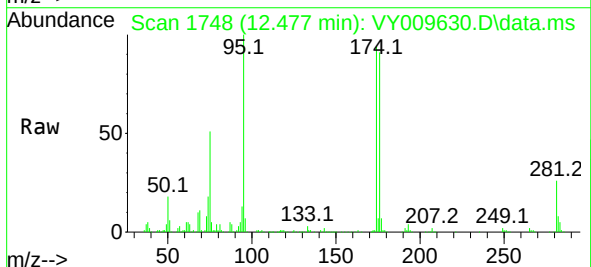
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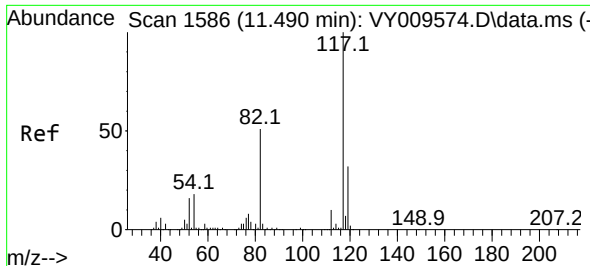
Tgt Ion: 98 Resp: 287423
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.961 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Tgt Ion: 95 Resp: 84369
Ion Ratio Lower Upper
95 100
174 98.3 0.0 177.0
176 95.2 0.0 175.8

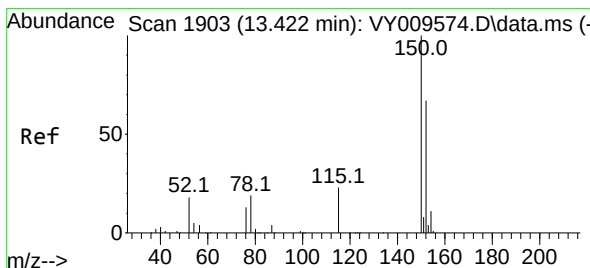
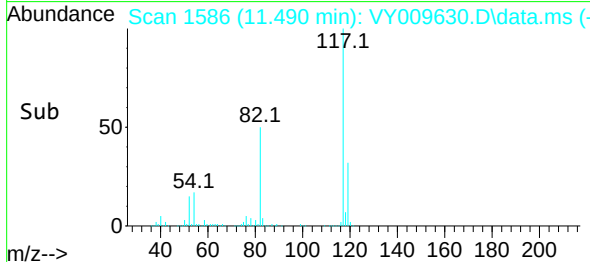
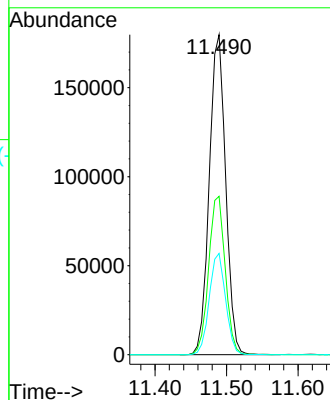
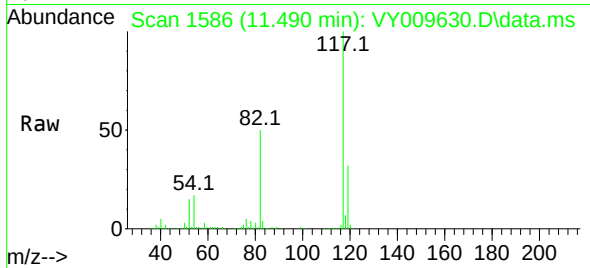




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

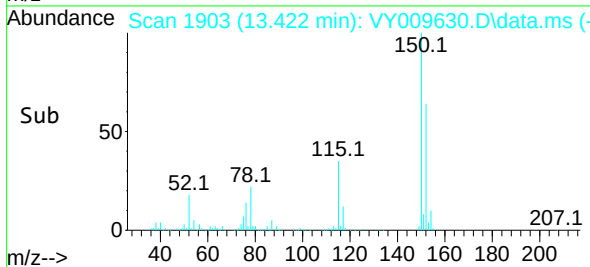
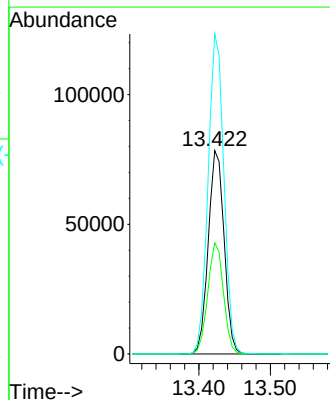
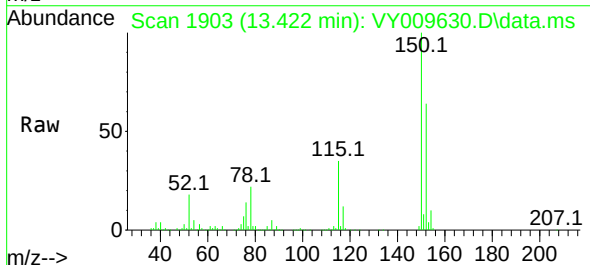
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

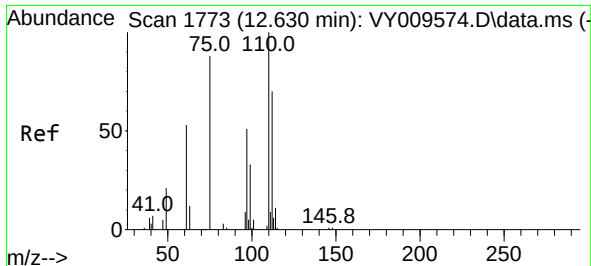
Tgt Ion:117 Resp: 285511
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Tgt Ion:152 Resp: 120814
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 156.4 0.0 347.6

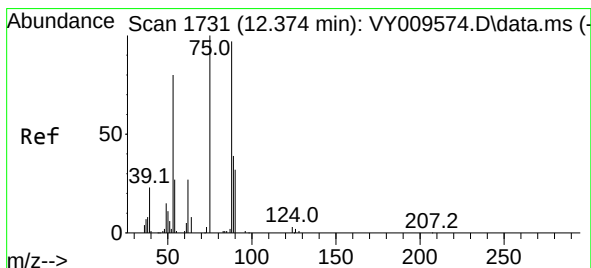
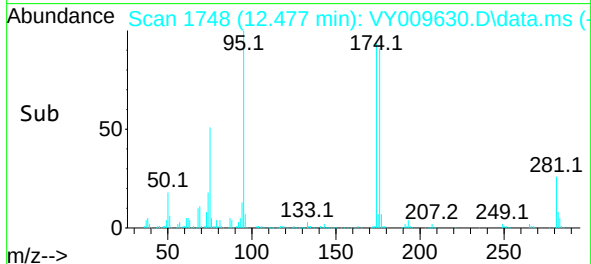
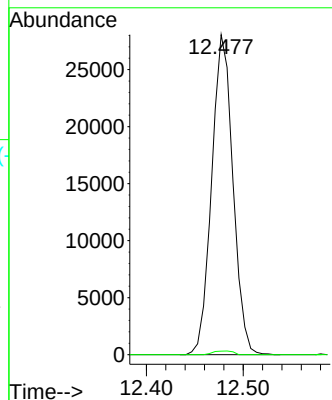
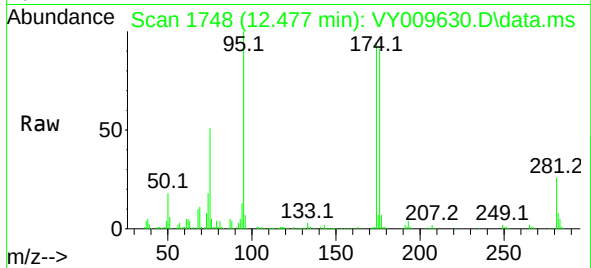




#76
1,2,3-Trichloropropane
Concen: 37.231 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EA

Tgt Ion: 75 Resp: 42849
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.412 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009630.D
Acq: 21 Jul 2022 13:56

Tgt Ion: 75 Resp: 42849
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.7 37.0 55.4#

