

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009633.D
 Acq On : 21 Jul 2022 15:12
 Operator : KP/MD
 Sample : N3786-07
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-WC3A

Quant Time: Jul 22 02:30:07 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)

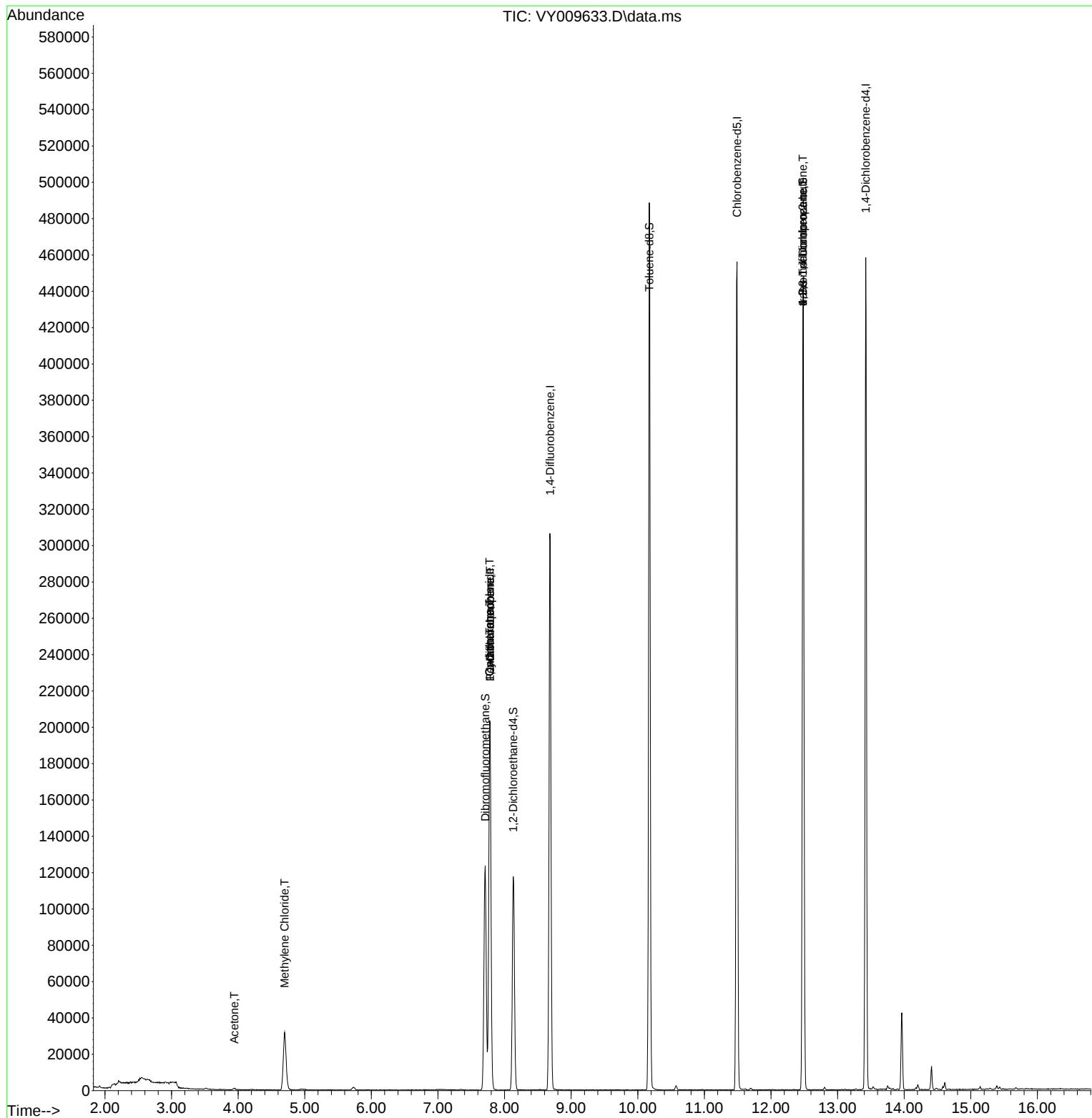
Internal Standards						
1) Pentafluorobenzene	7.783	168	171468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	93036	57.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.740%			
35) Dibromofluoromethane	7.710	113	88756	50.722	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.440%			
50) Toluene-d8	10.173	98	318936	47.412	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 94.820%			
62) 4-Bromofluorobenzene	12.477	95	103923	47.677	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 95.360%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	485	Below Cal	#	77
16) Acetone	3.942	43	1462	3.564	ug/l #	79
20) Methylene Chloride	4.698	84	25188	2.906	ug/l #	75
31) Cyclohexane	7.777	56	2974	1.040	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	11438	4.423	ug/l #	51
38) Carbon Tetrachloride	7.777	117	15698	5.799	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53134	44.524	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53134	87.792	ug/l #	8

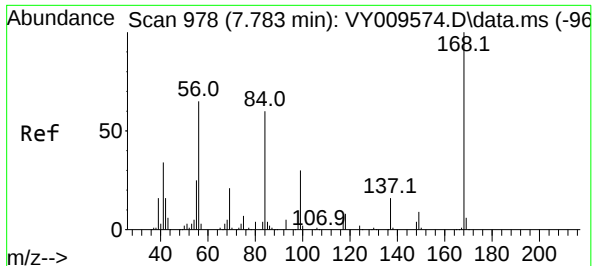
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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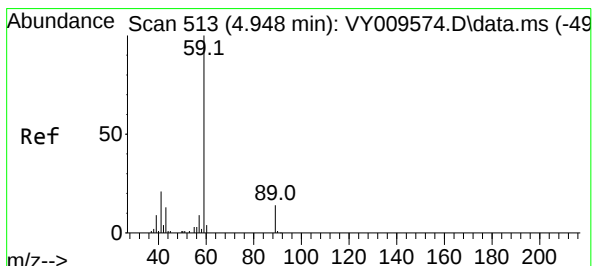
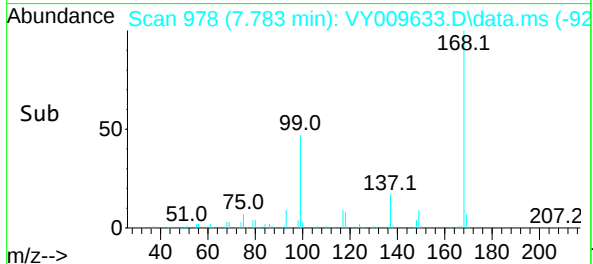
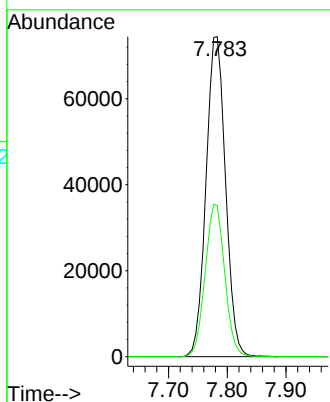
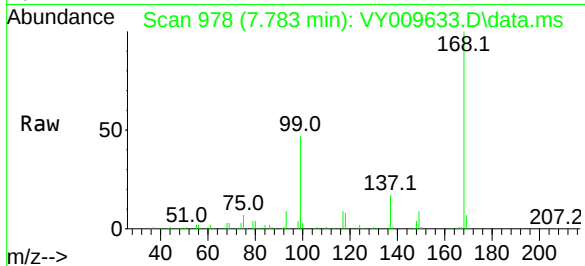




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

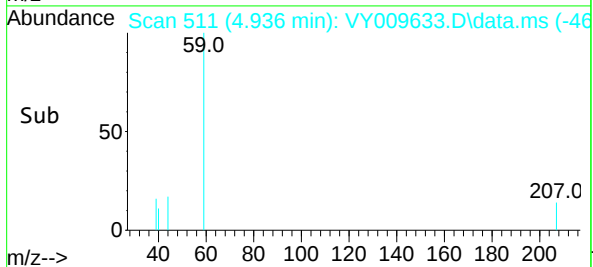
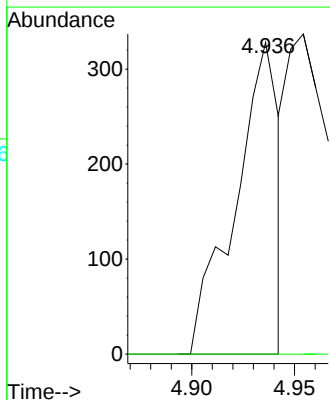
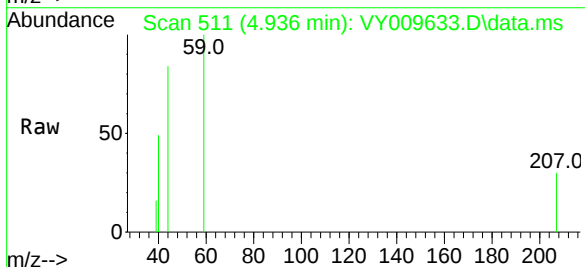
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3A

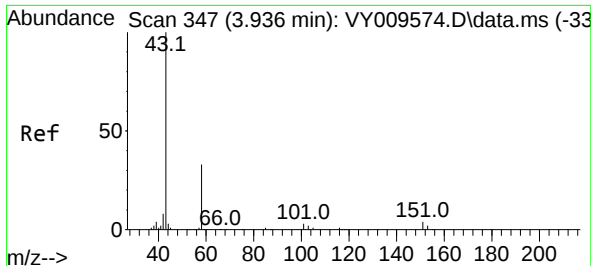
Tgt Ion:168 Resp: 171468
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion: 59 Resp: 485
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

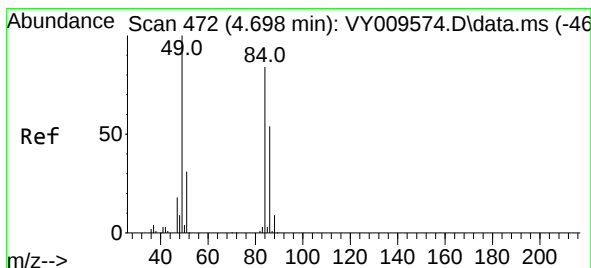
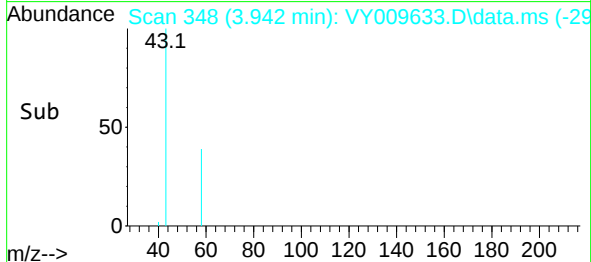
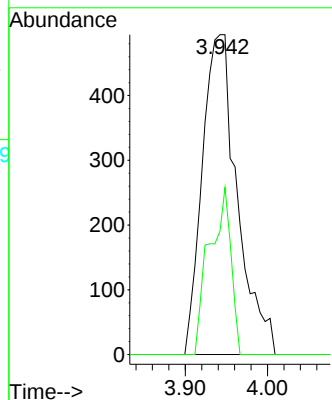
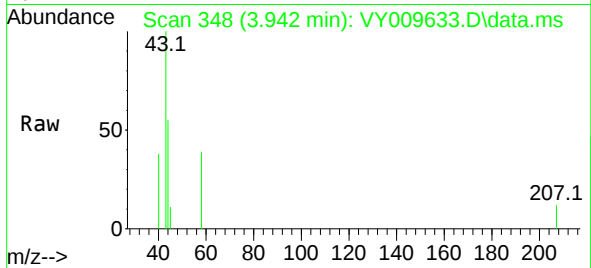




#16
Acetone
Concen: 3.564 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

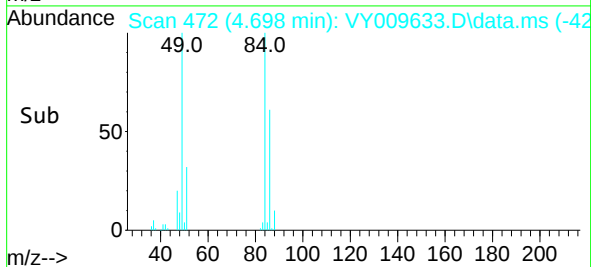
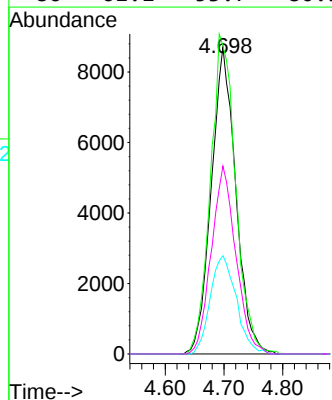
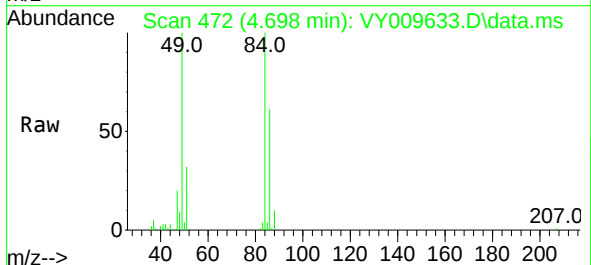
Instrument :
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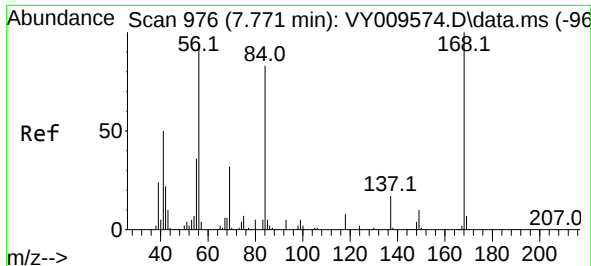
Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 38.7 22.0 33.0#



#20
Methylene Chloride
Concen: 2.906 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion: 84 Resp: 25188
Ion Ratio Lower Upper
84 100
49 100.3 114.4 171.6#
51 32.0 35.3 52.9#
86 61.1 53.7 80.5

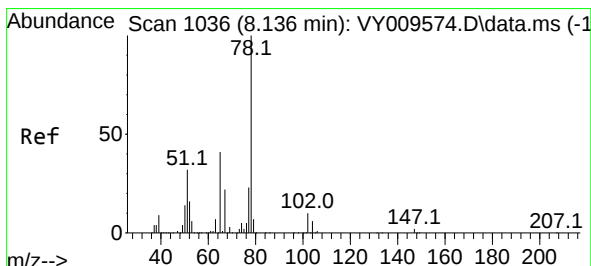
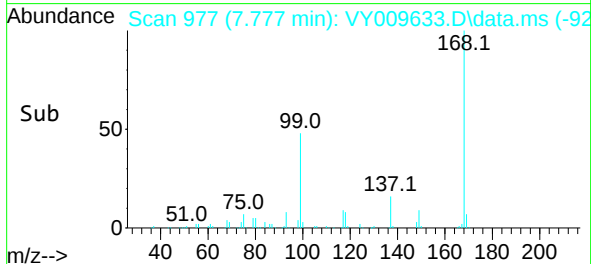
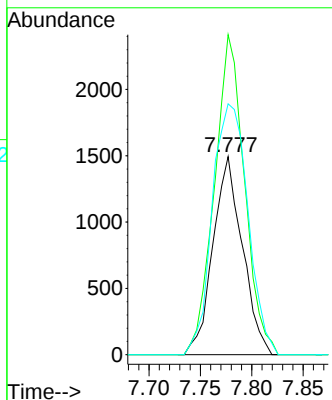
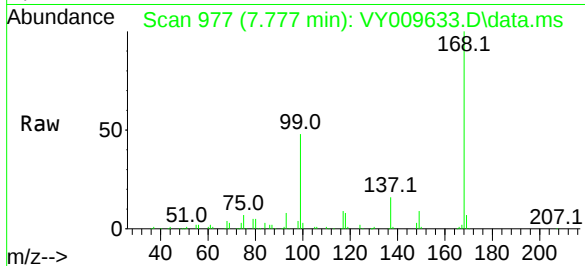




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

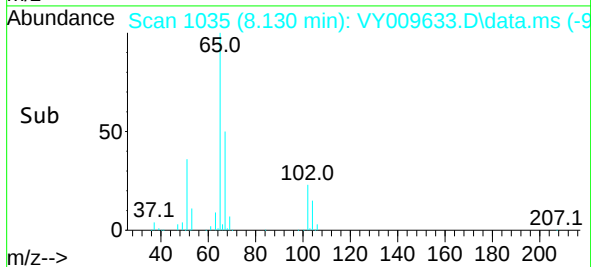
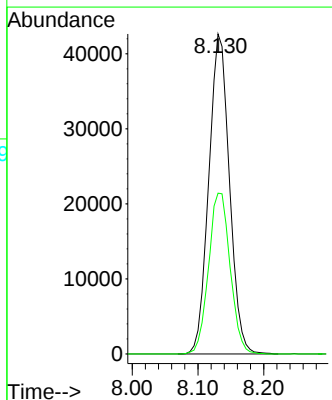
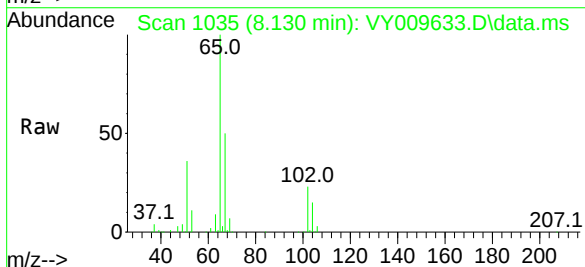
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3A

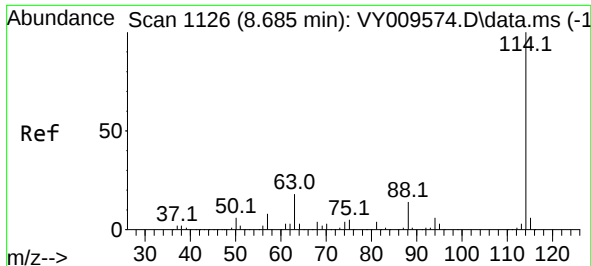
Tgt Ion: 56 Resp: 2974
Ion Ratio Lower Upper
56 100
69 161.5 26.7 40.1#
84 126.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.371 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion: 65 Resp: 93036
Ion Ratio Lower Upper
65 100
67 52.6 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: VY009633.D

Acq: 21 Jul 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-WC3A

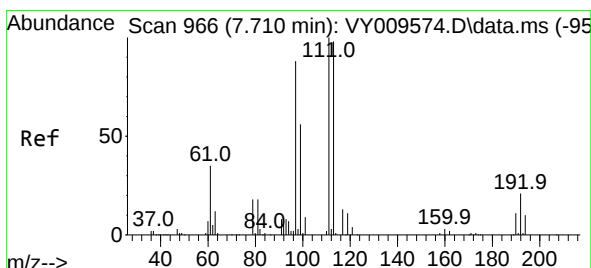
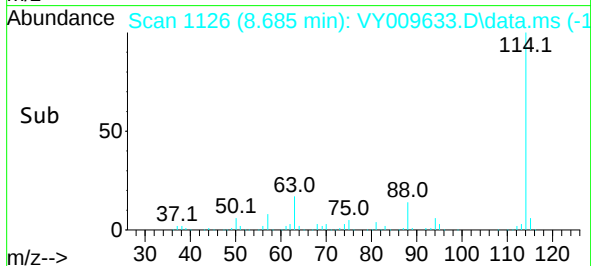
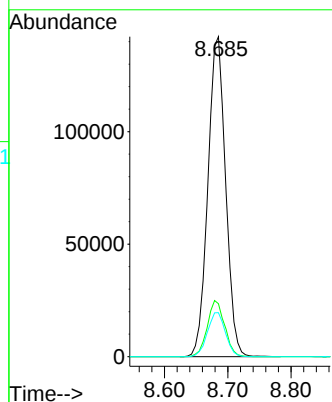
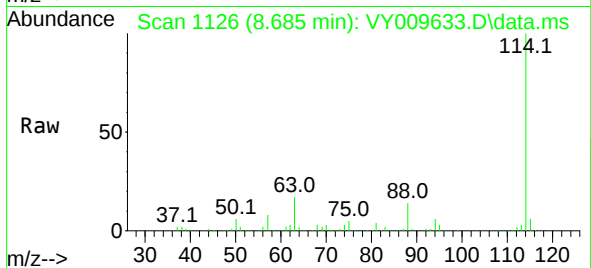
Tgt Ion:114 Resp: 277755

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.722 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009633.D

Acq: 21 Jul 2022 15:12

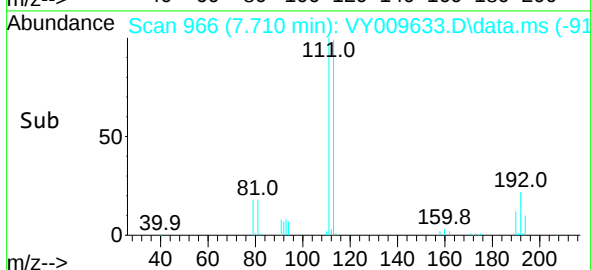
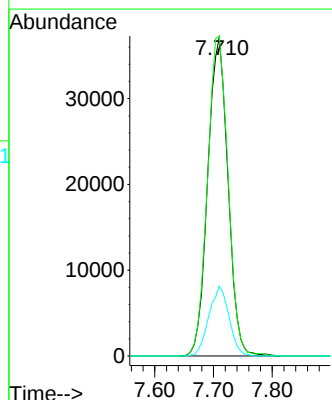
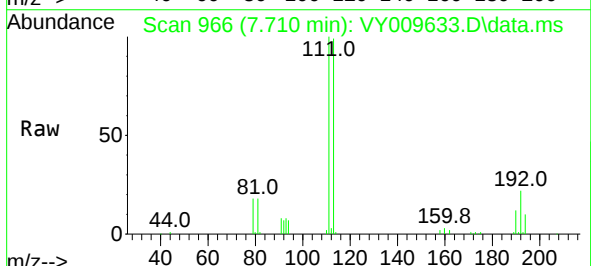
Tgt Ion:113 Resp: 88756

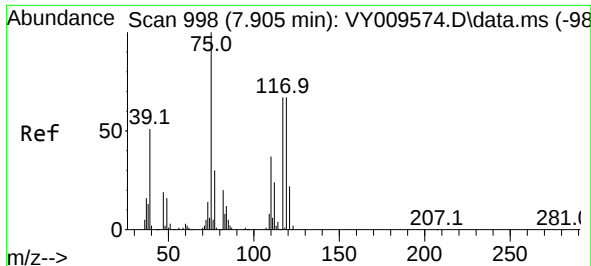
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 21.8 17.6 26.4

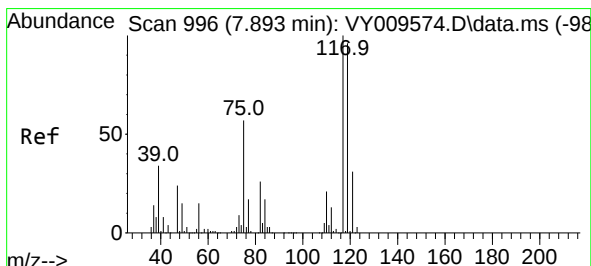
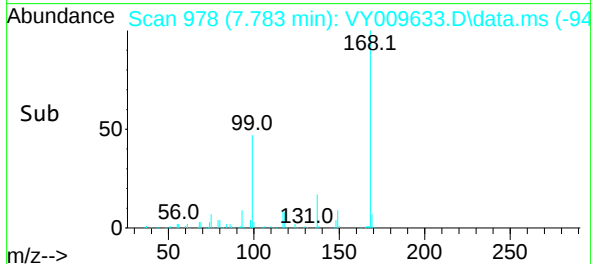
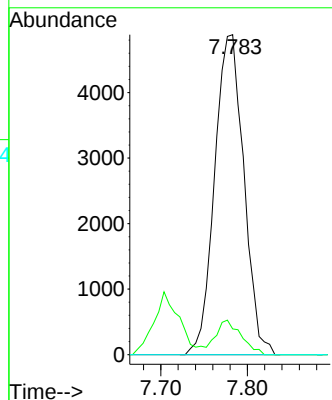
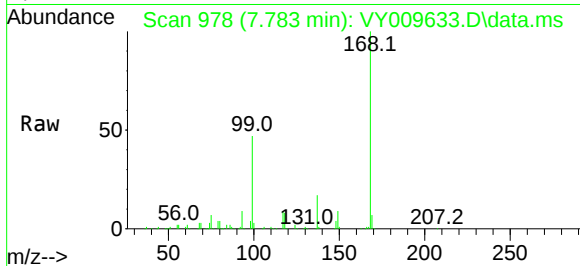




#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

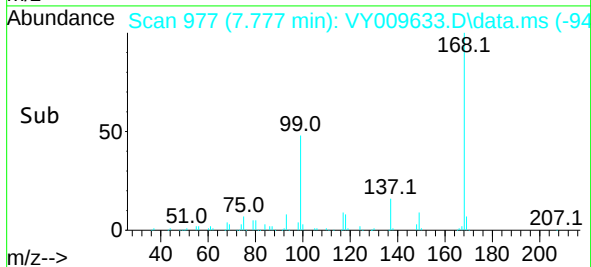
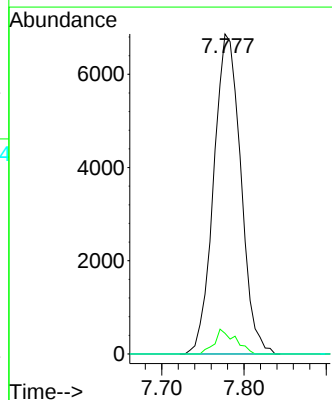
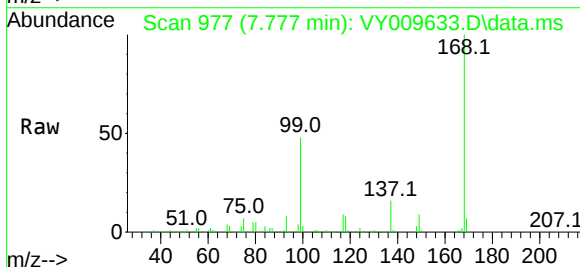
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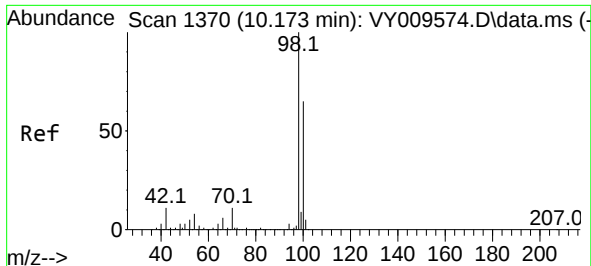
Tgt Ion: 75 Resp: 11438
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion: 117 Resp: 15698
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

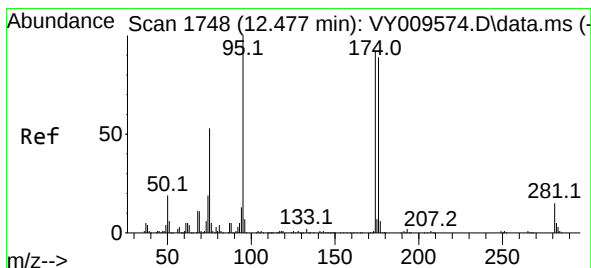
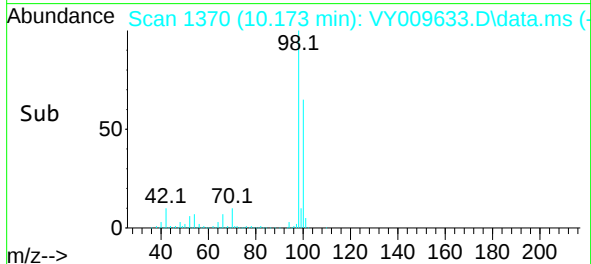
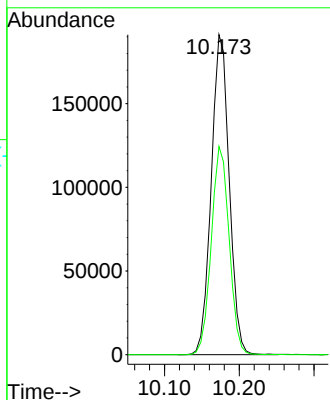
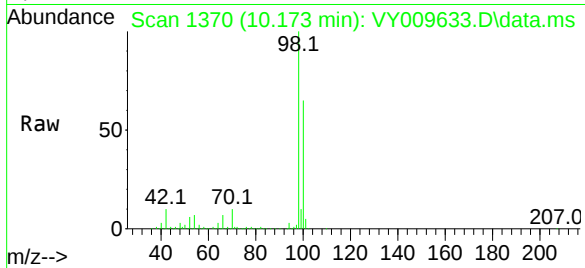




#50
Toluene-d8
Concen: 47.412 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

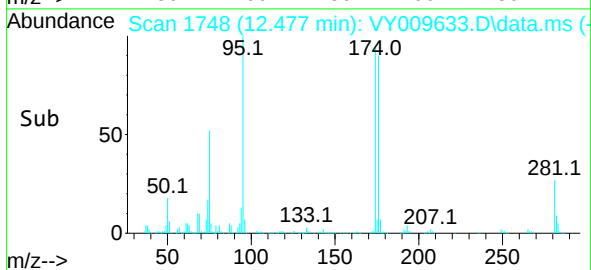
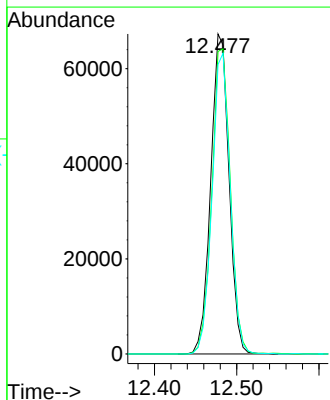
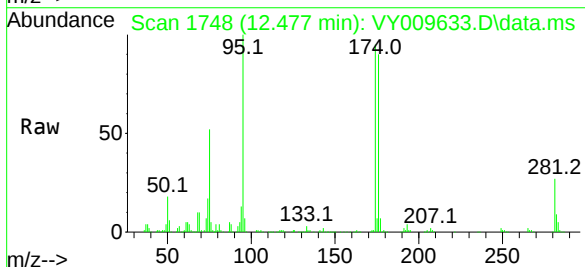
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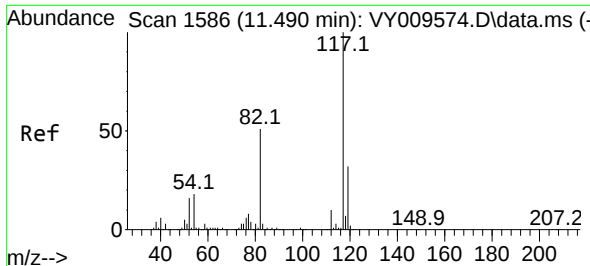
Tgt Ion: 98 Resp: 318936
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.677 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion: 95 Resp: 103923
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 93.1 0.0 175.8

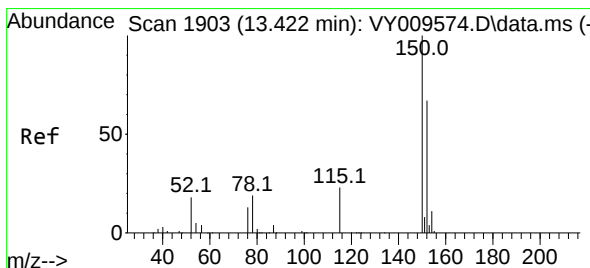
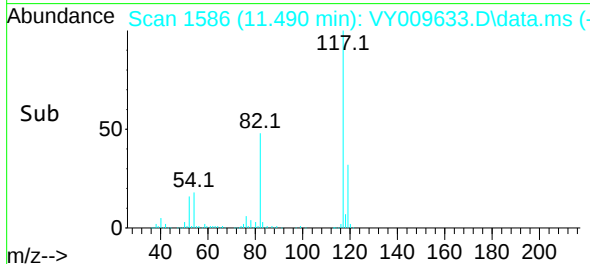
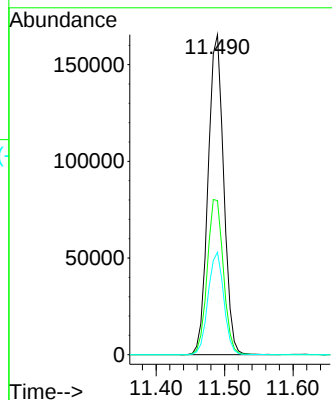
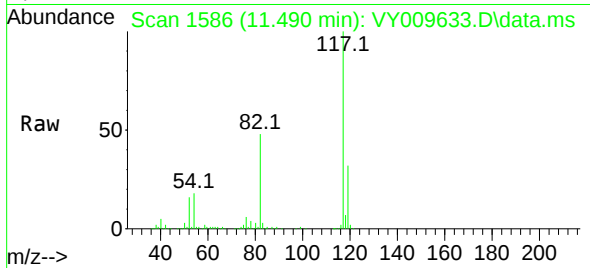




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

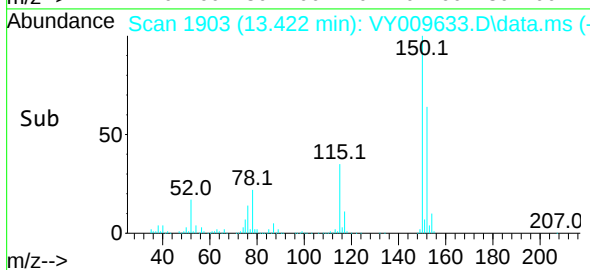
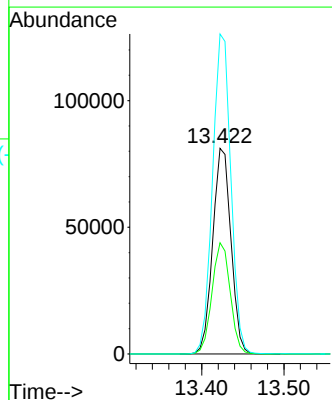
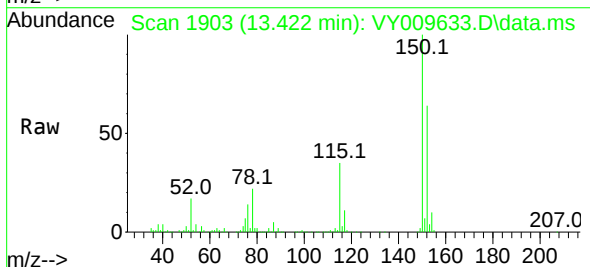
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3A

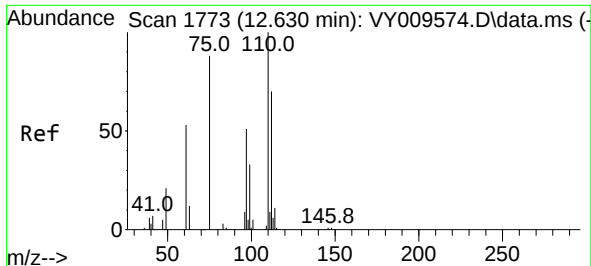
Tgt Ion:	117	Resp:	262344
Ion	Ratio	Lower	Upper
117	100		
82	48.2	43.0	64.4
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion:	152	Resp:	125274
Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.2	84.7
150	155.9	0.0	347.6

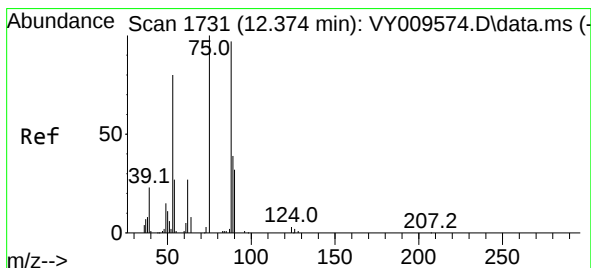
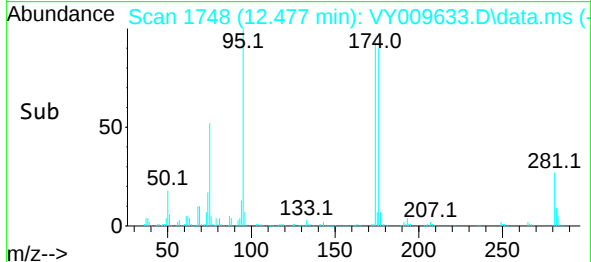
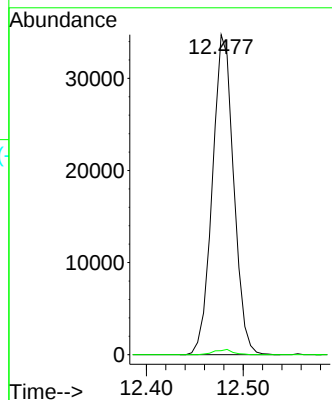
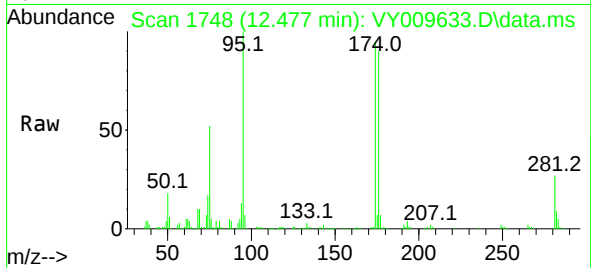




#76
1,2,3-Trichloropropane
Concen: 44.524 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-WC3A

Tgt Ion: 75 Resp: 53134
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.792 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009633.D
Acq: 21 Jul 2022 15:12

Tgt Ion: 75 Resp: 53134
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.0 37.0 55.4#

