

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009914.D
 Acq On : 09 Aug 2022 12:59
 Operator : KP/MD
 Sample : N4091-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Quant Time: Aug 09 23:04:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

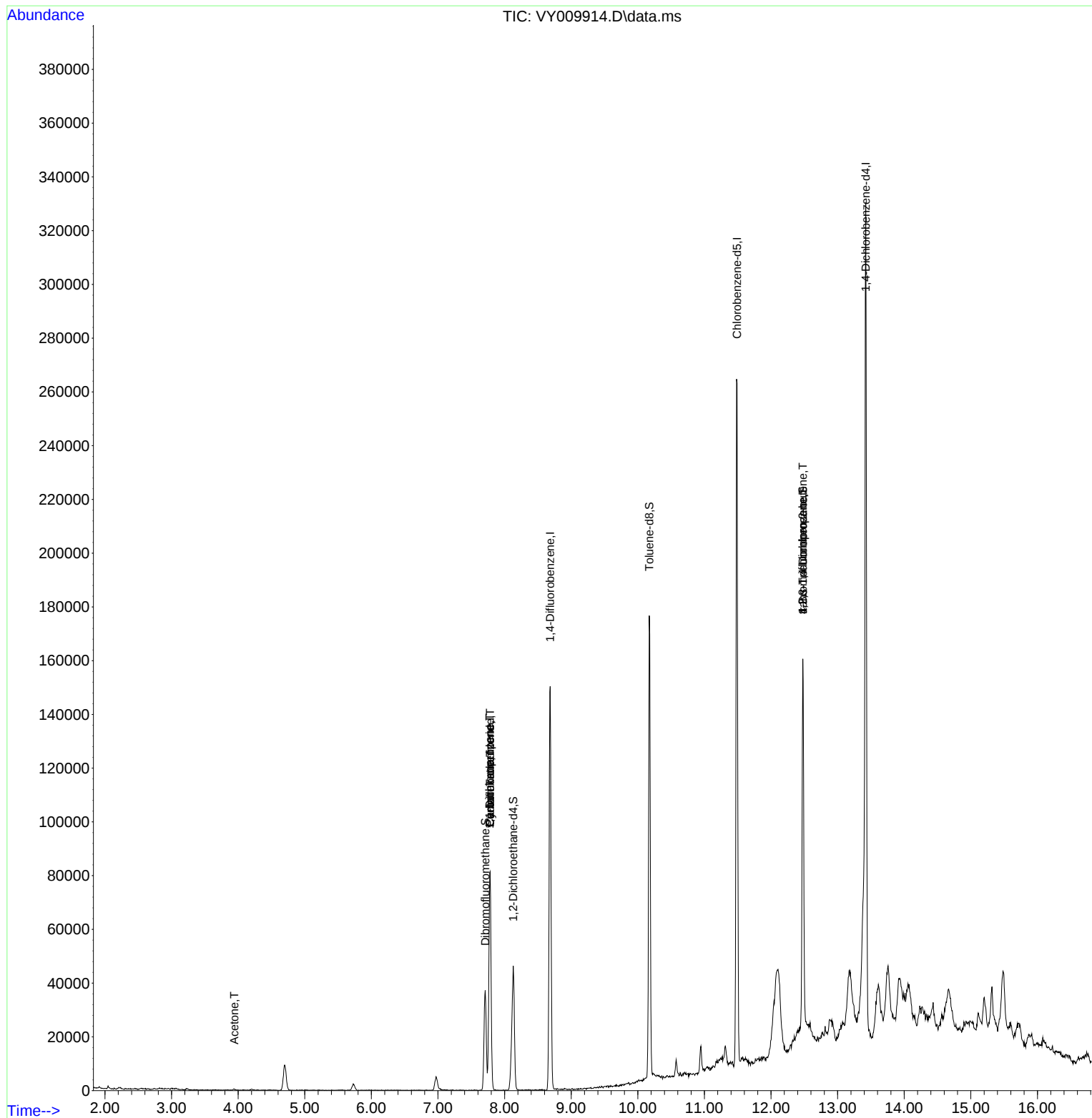
Internal Standards						
1) Pentafluorobenzene	7.783	168	62950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28219	58.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.420%
35) Dibromofluoromethane	7.710	113	26672	38.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.520%
50) Toluene-d8	10.173	98	110133	52.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.477	95	42703	43.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.740%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	610	3.435	ug/l #	74
18) Methyl Acetate	4.479	43	200	Below Cal	#	52
20) Methylene Chloride	4.692	84	6743	Below Cal		94
31) Cyclohexane	7.783	56	1555	1.272	ug/l #	12
36) 1,1-Dichloropropene	7.777	75	5128	4.359	ug/l #	51
38) Carbon Tetrachloride	7.783	117	6234	5.340	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	21620	27.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21620	55.943	ug/l #	14

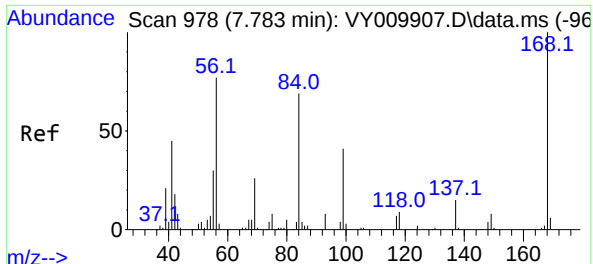
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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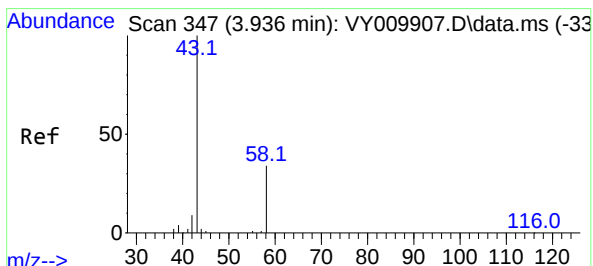
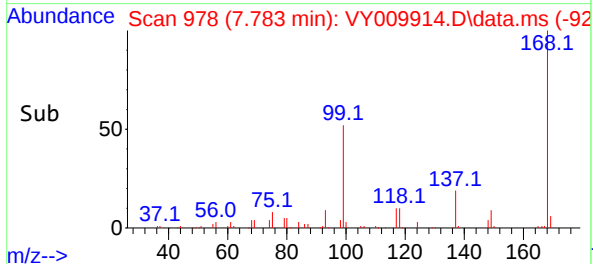
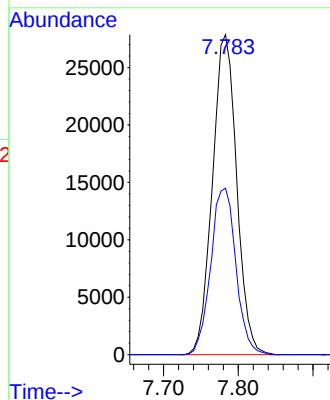
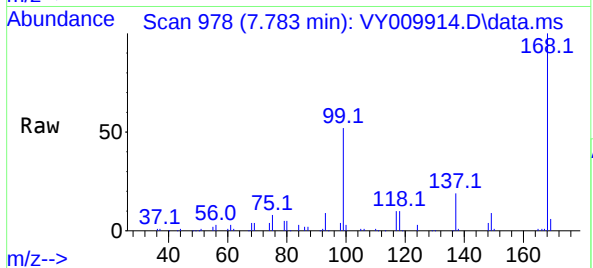




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

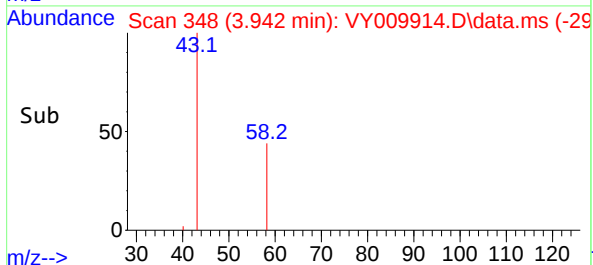
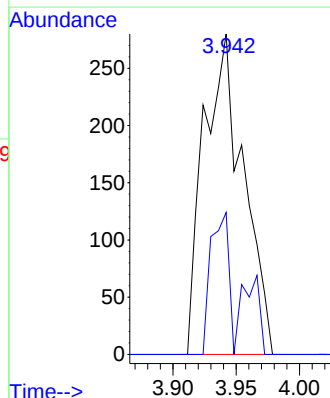
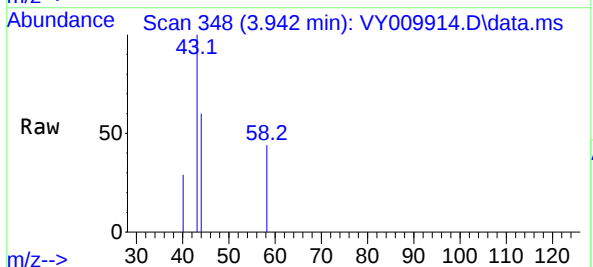
Instrument :
MSVOA_Y
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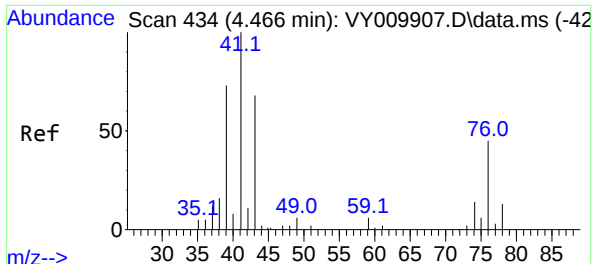
Tgt Ion:168 Resp: 62950
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1



#16
Acetone
Concen: 3.435 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 44.3 24.0 36.0#

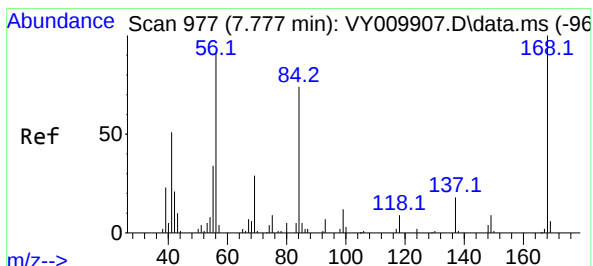
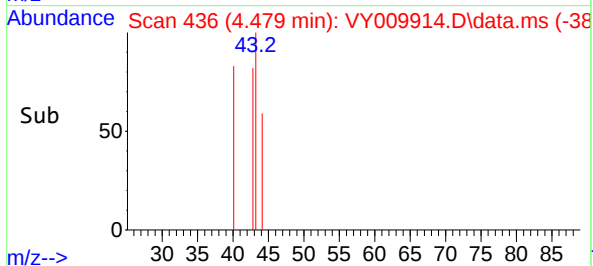
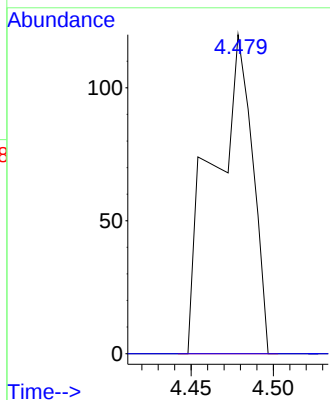
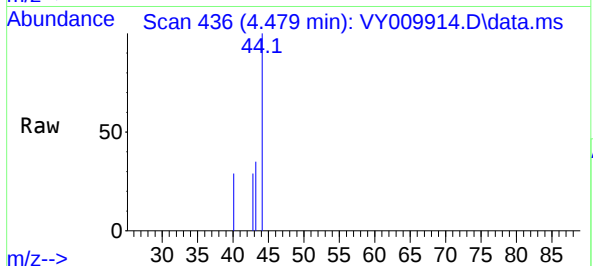




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

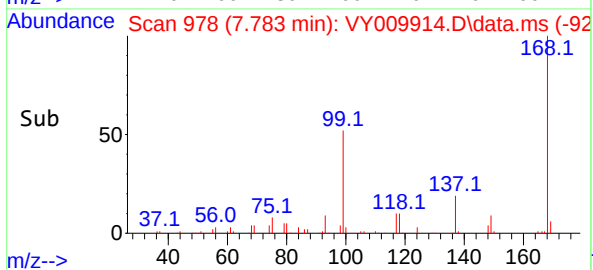
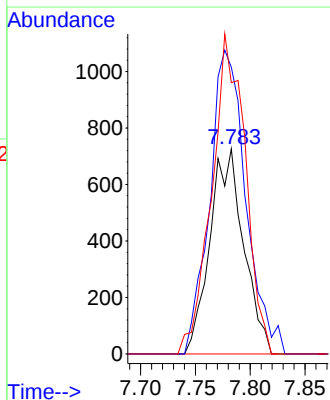
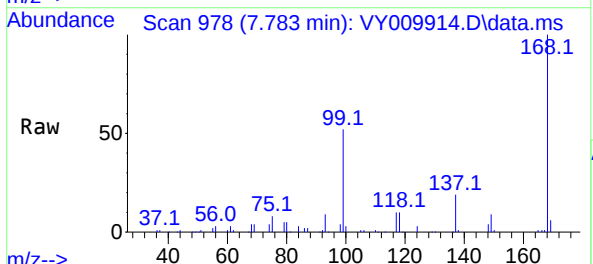
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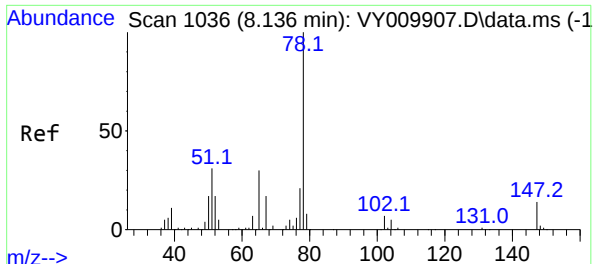
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.007 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion: 56 Resp: 1555
Ion Ratio Lower Upper
56 100
69 139.8 26.0 39.0#
84 132.4 69.5 104.3#

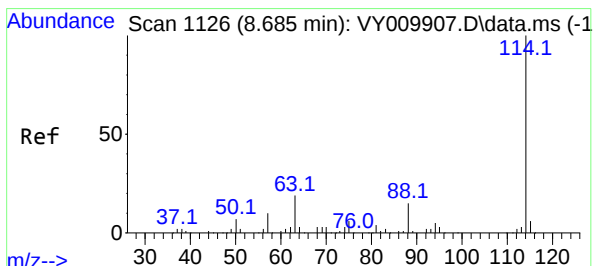
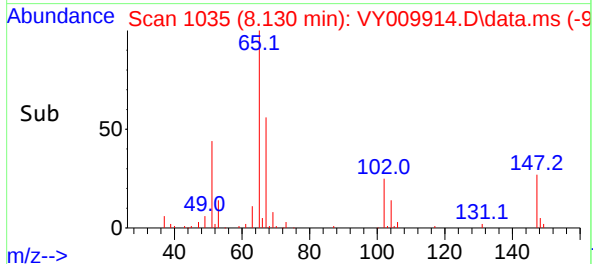
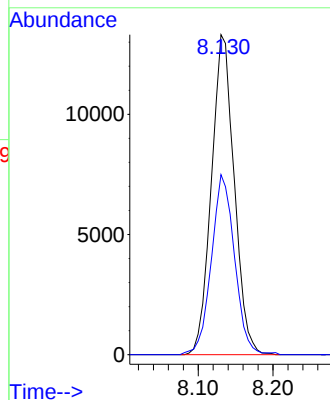
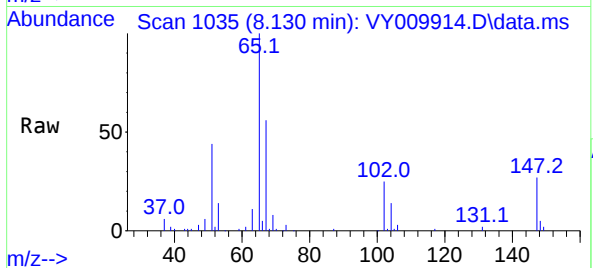




#33
 1,2-Dichloroethane-d4
 Concen: 58.205 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009914.D
 Acq: 09 Aug 2022 12:59

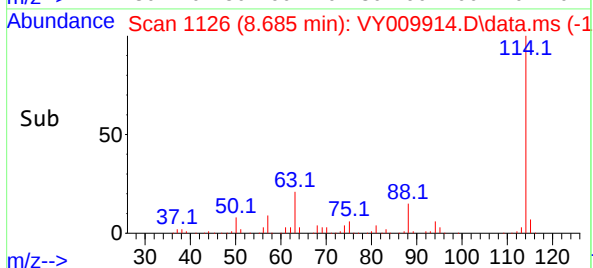
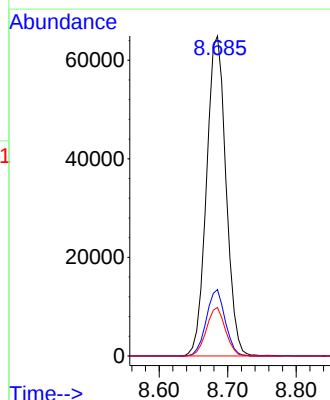
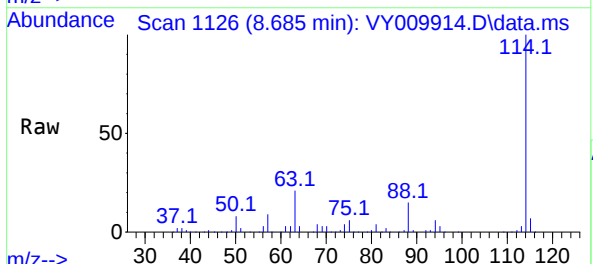
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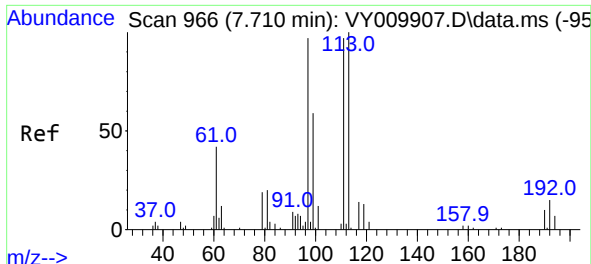
Tgt Ion: 65 Resp: 28219
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009914.D
 Acq: 09 Aug 2022 12:59

Tgt Ion: 114 Resp: 128420
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 15.1 0.0 30.0

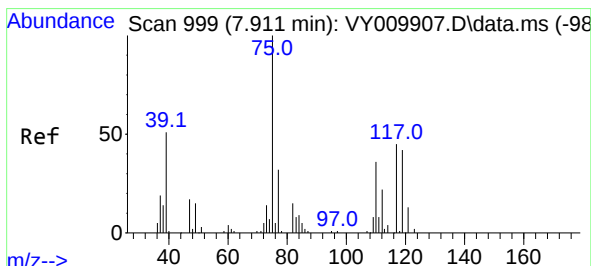
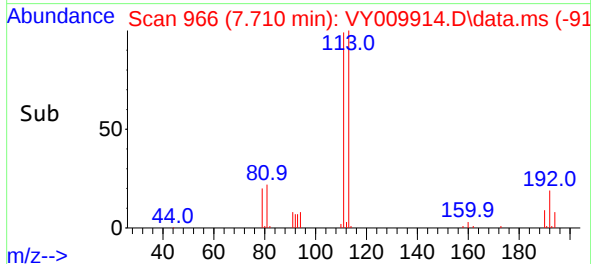
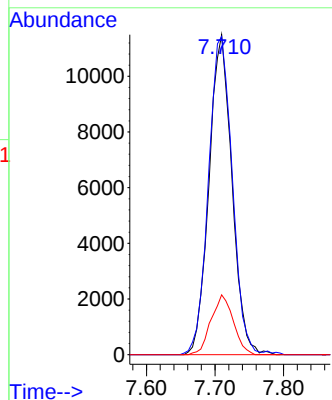
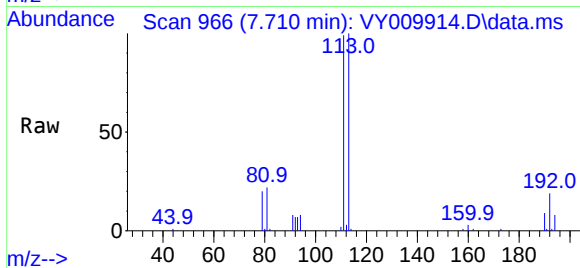




#35
Dibromofluoromethane
Concen: 38.260 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

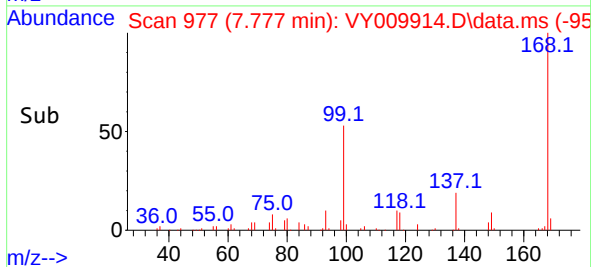
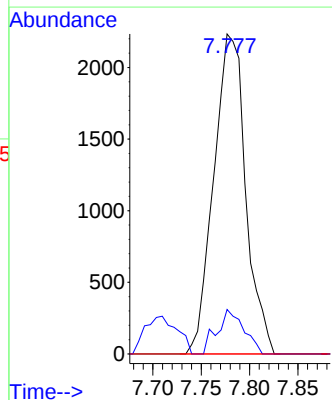
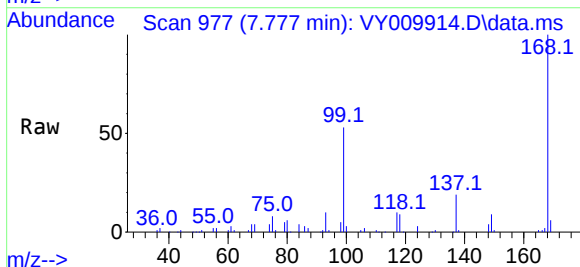
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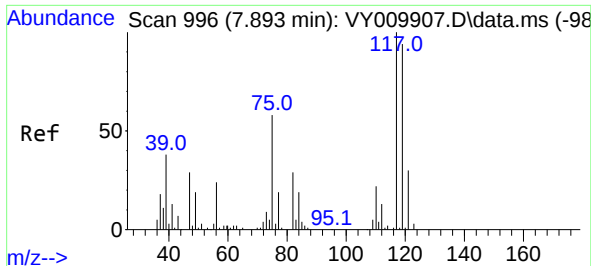
Tgt Ion:113 Resp: 26672
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 18.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.359 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

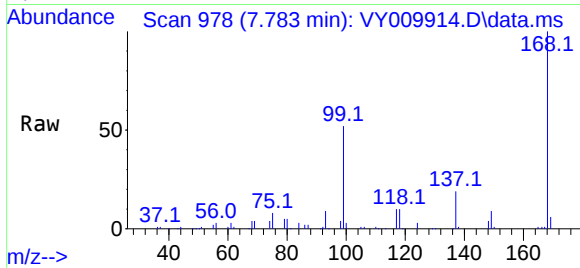
Tgt Ion: 75 Resp: 5128
Ion Ratio Lower Upper
75 100
110 11.6 18.6 56.0#
77 0.0 25.0 37.4#



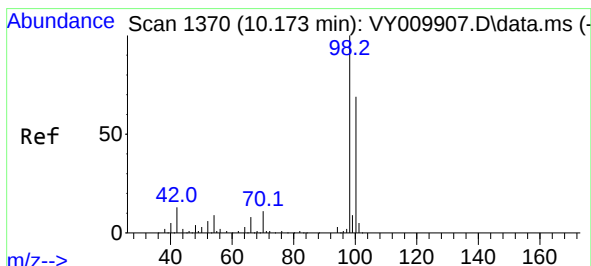
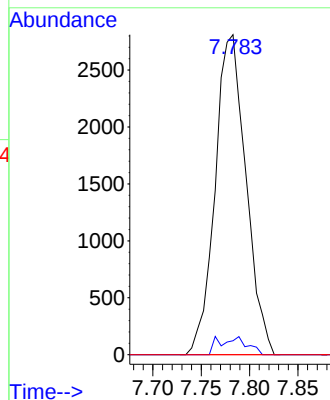
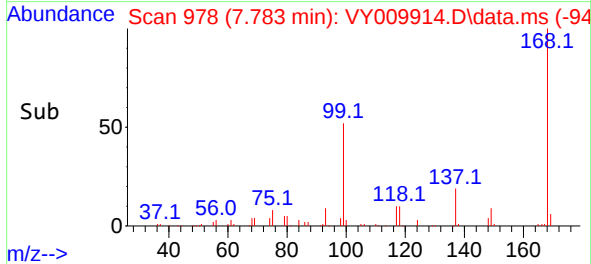


#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :
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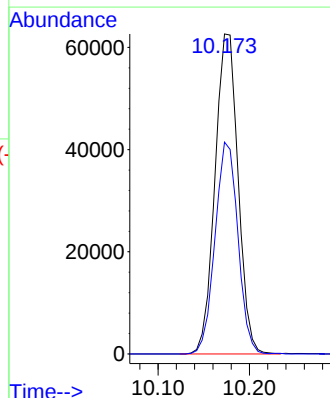
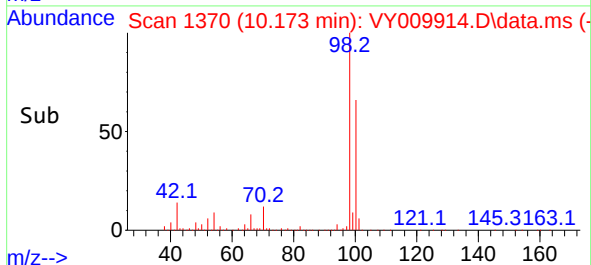
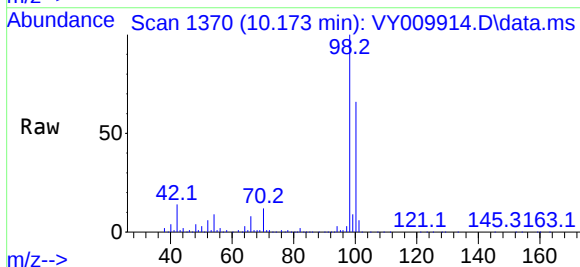


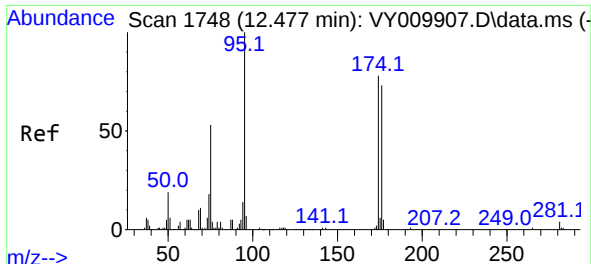
Tgt Ion:117 Resp: 6234
Ion Ratio Lower Upper
117 100
119 4.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.488 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion: 98 Resp: 110133
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

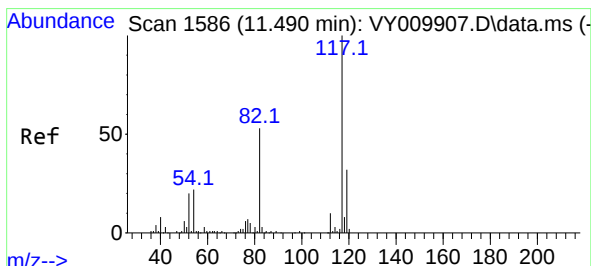
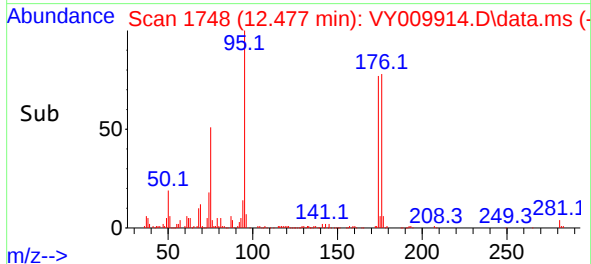
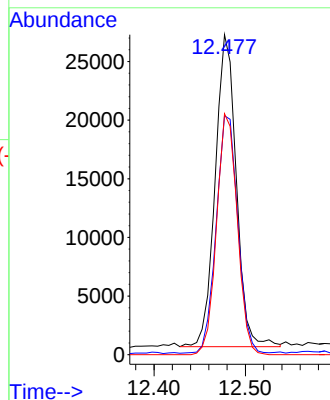
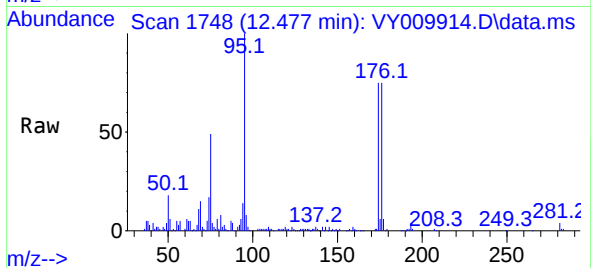




#62
4-Bromofluorobenzene
Concen: 43.871 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

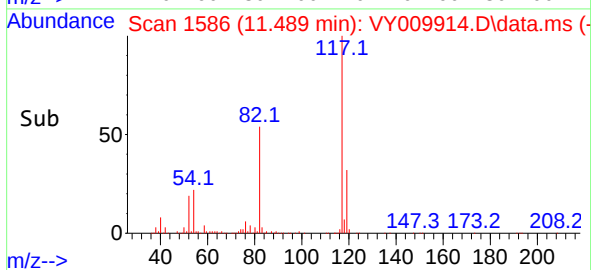
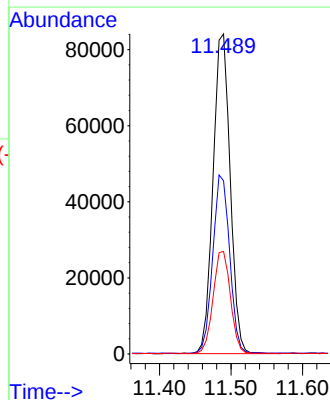
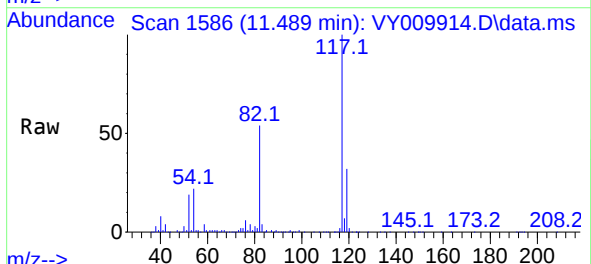
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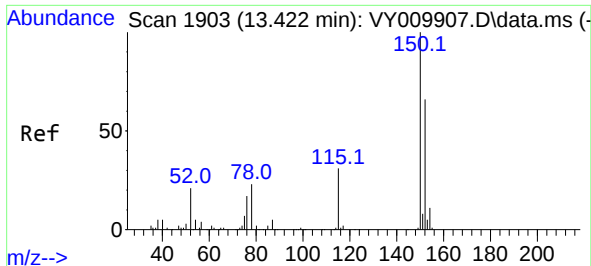
Tgt Ion: 95 Resp: 42703
Ion Ratio Lower Upper
95 100
174 77.8 0.0 173.8
176 75.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Tgt Ion: 117 Resp: 139855
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.6
119 31.9 25.6 38.4

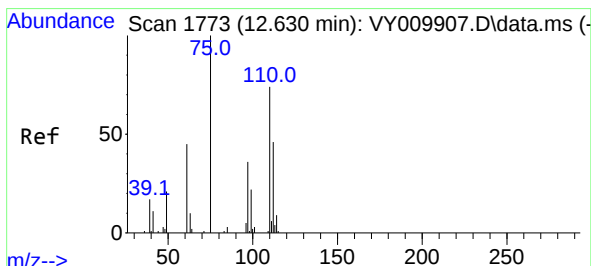
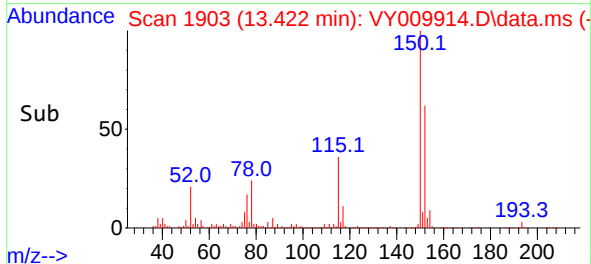
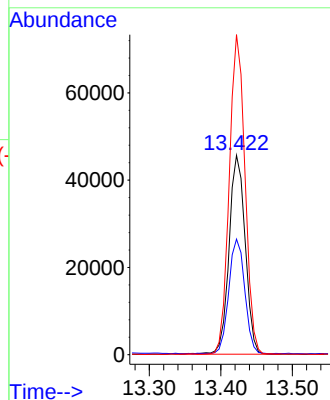
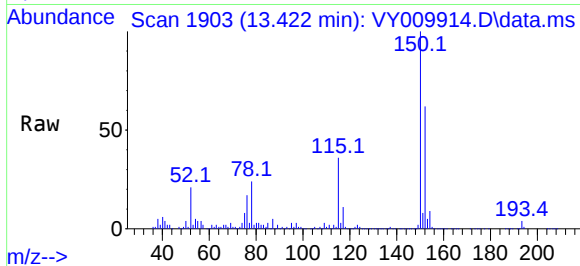




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

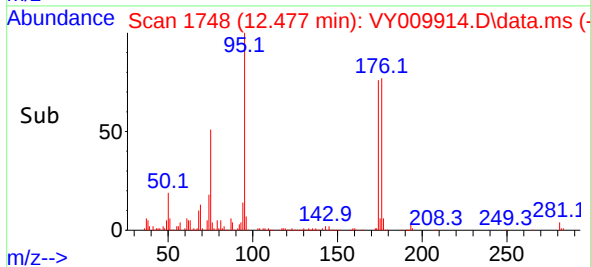
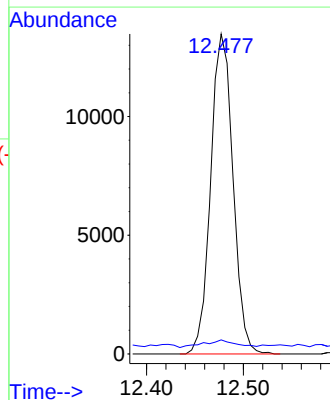
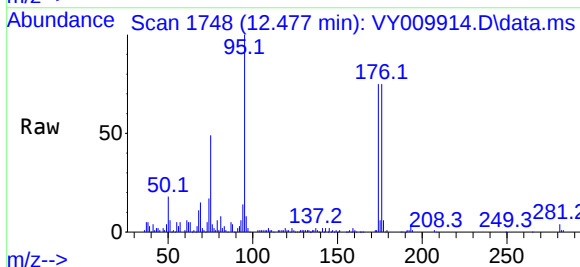
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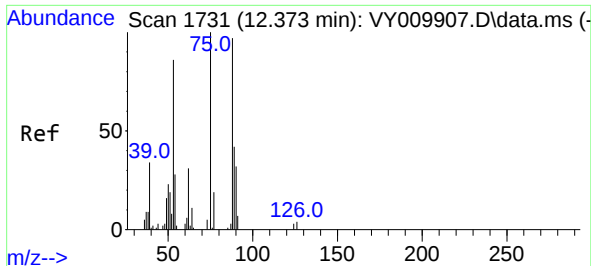
Tgt Ion:152 Resp: 71415
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.9
150 157.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 27.670 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

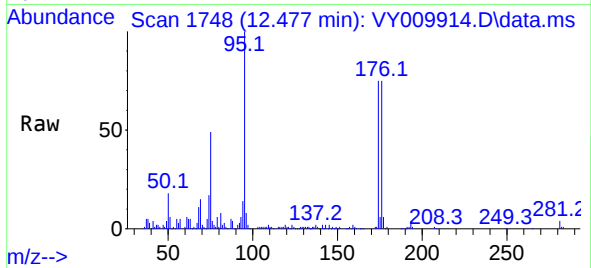
Tgt Ion: 75 Resp: 21620
Ion Ratio Lower Upper
75 100
77 3.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 55.943 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009914.D
Acq: 09 Aug 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718



Tgt Ion: 75 Resp: 21620
Ion Ratio Lower Upper
75 100
53 0.4 71.4 107.2#
89 0.5 38.1 57.1#

