

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008870.D
 Acq On : 19 May 2022 16:11
 Operator : KP/MD
 Sample : N2832-12
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB14

Quant Time: May 20 02:52:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

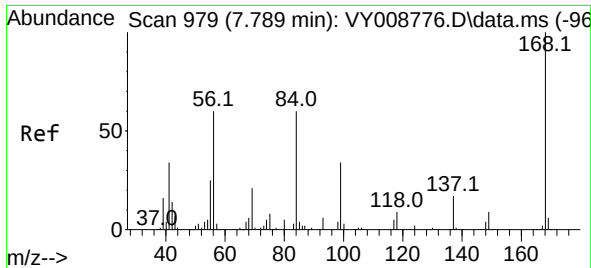
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	1717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1264	79.354	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.700%	
35) Dibromofluoromethane	7.728	113	1024	69.272	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.540%	
50) Toluene-d8	10.179	98	2983	45.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.380%	
62) 4-Bromofluorobenzene	12.477	95	874	38.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	19	Below Cal	#	44
5) Bromomethane	2.668	94	41	Below Cal	#	4
6) Chloroethane	2.698	64	20	Below Cal	#	43
16) Acetone	3.954	43	23	Below Cal	#	47
36) 1,1-Dichloropropene	7.783	75	75	3.168	ug/l	# 42
38) Carbon Tetrachloride	7.807	117	42	1.655	ug/l	# 11
76) 1,2,3-Trichloropropane	12.477	75	447	69.473	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	447	151.957	ug/l	# 7

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

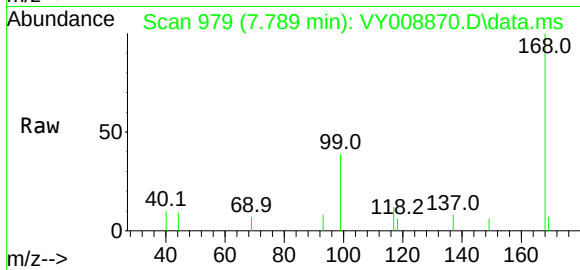
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QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



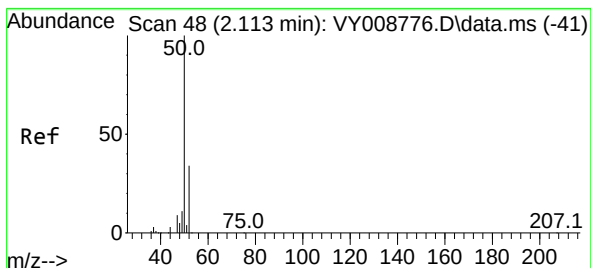
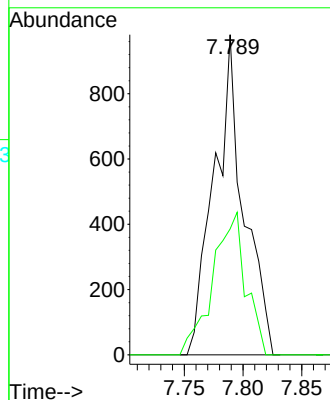
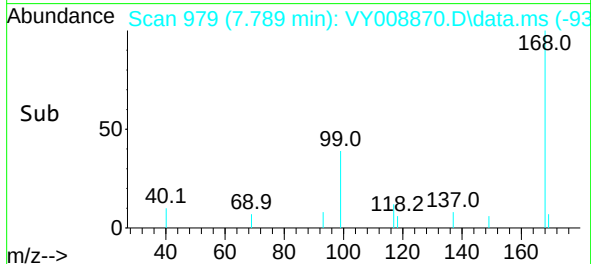


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
SB14

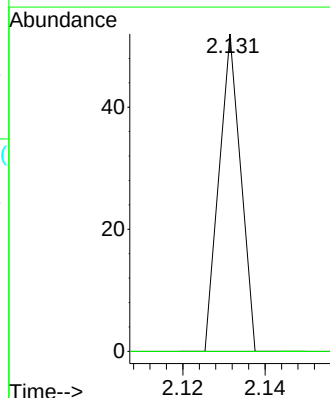
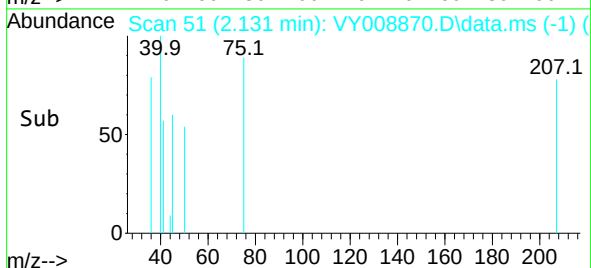
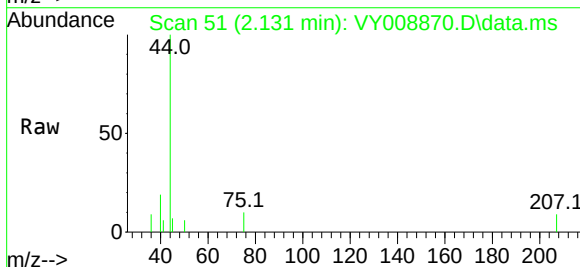


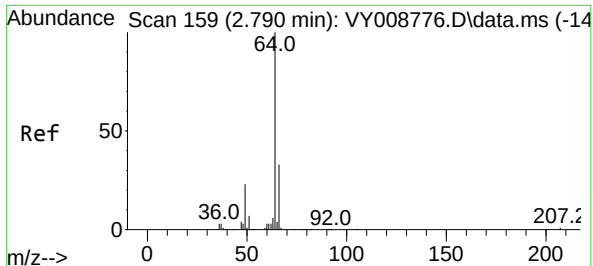
Tgt Ion:168 Resp: 1717
Ion Ratio Lower Upper
168 100
99 39.3 46.9 70.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.131 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

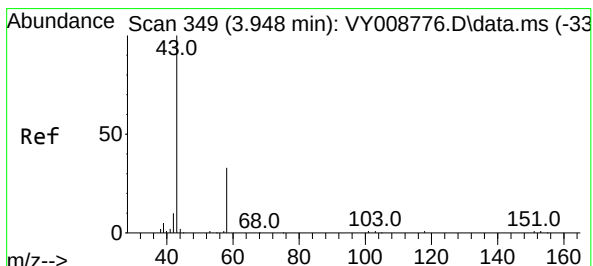
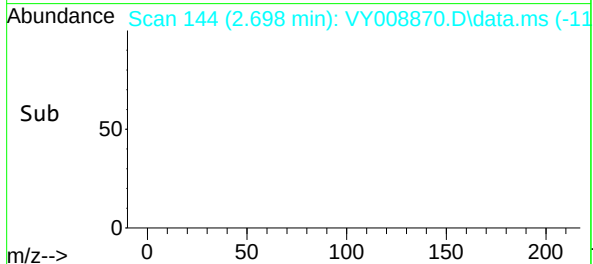
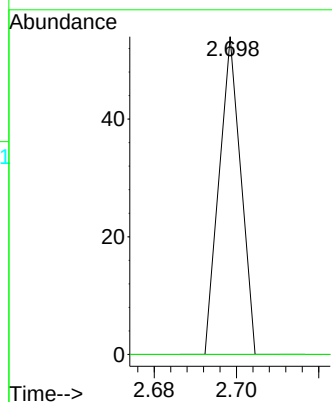
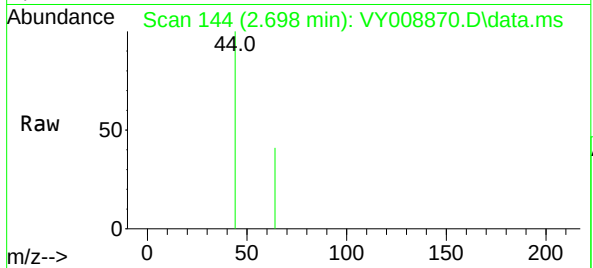




#6
Chloroethane
Concen: Below Cal
RT: 2.698 min Scan# 14
Delta R.T. -0.092 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

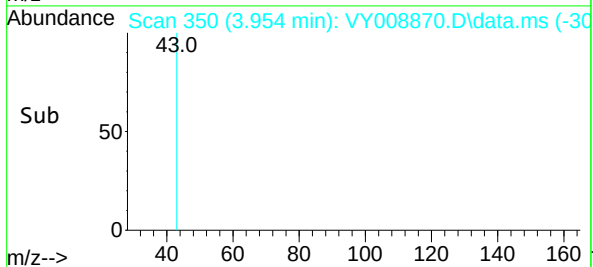
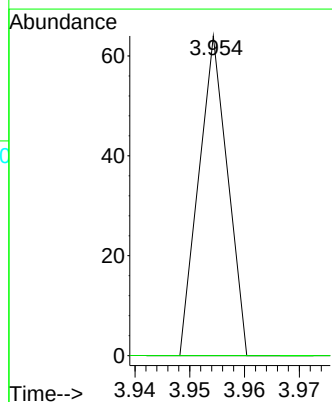
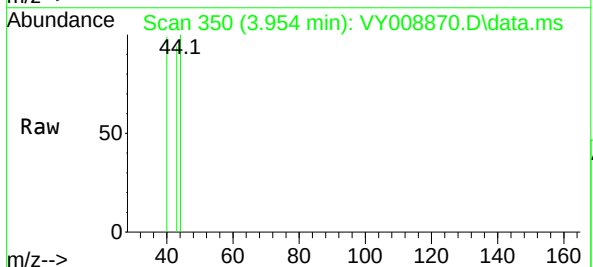
Instrument :
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ClientSampleId :
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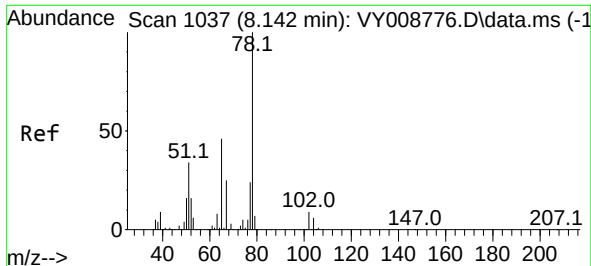
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

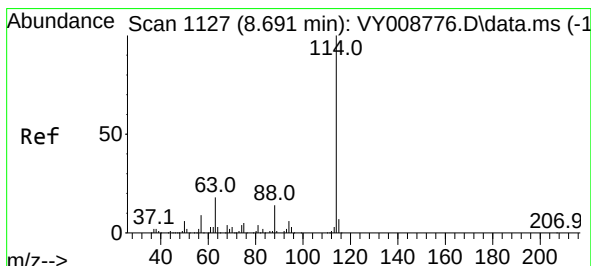
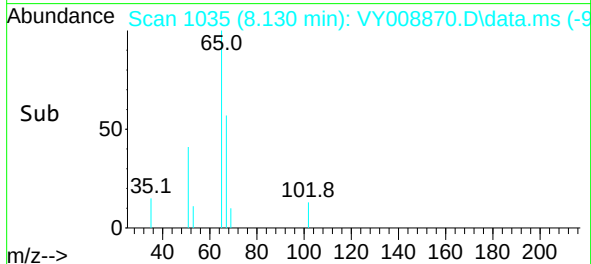
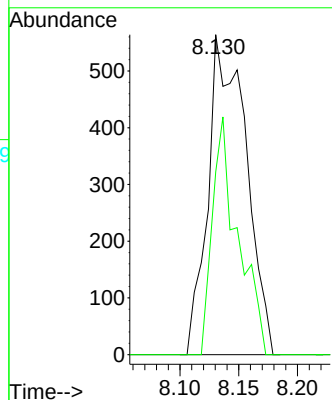
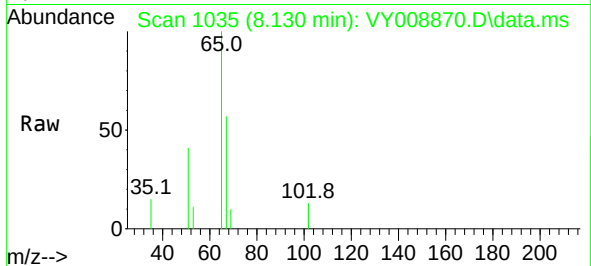




#33
 1,2-Dichloroethane-d4
 Concen: 79.354 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.012 min
 Lab File: VY008870.D
 Acq: 19 May 2022 16:11

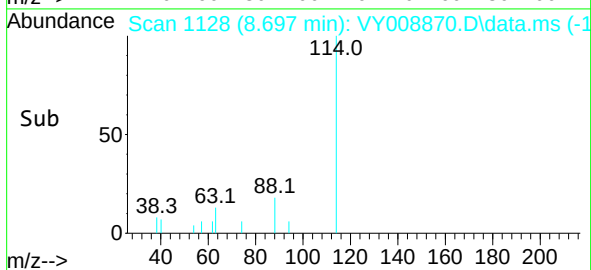
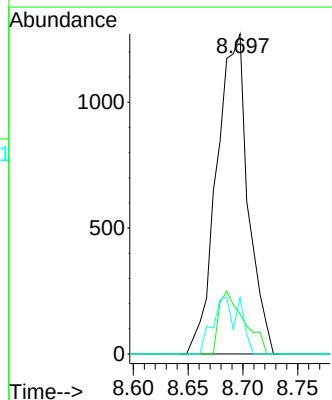
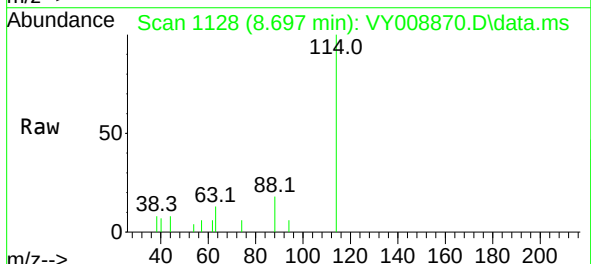
Instrument :
 MSVOA_D
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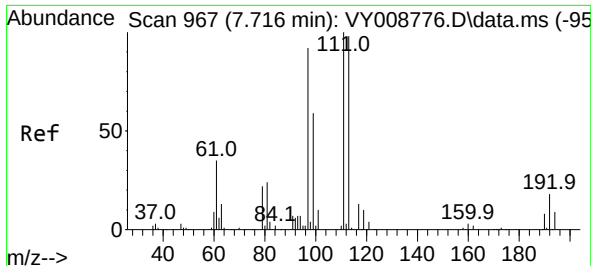
Tgt Ion: 65 Resp: 1264
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY008870.D
 Acq: 19 May 2022 16:11

Tgt Ion: 114 Resp: 2530
 Ion Ratio Lower Upper
 114 100
 63 12.5 0.0 43.2
 88 17.6 0.0 31.8

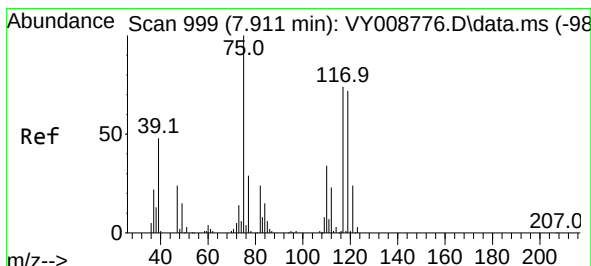
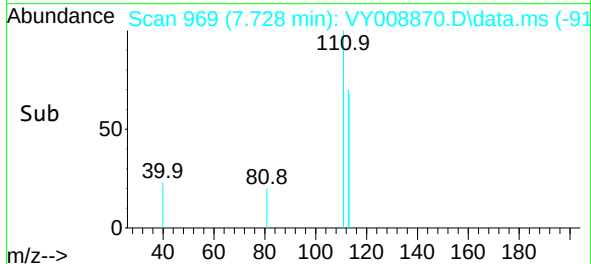
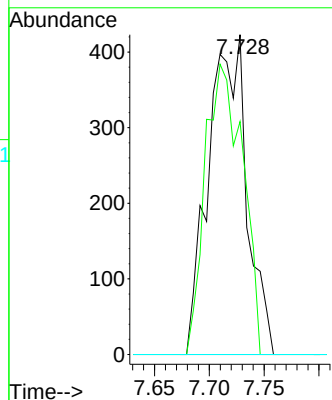
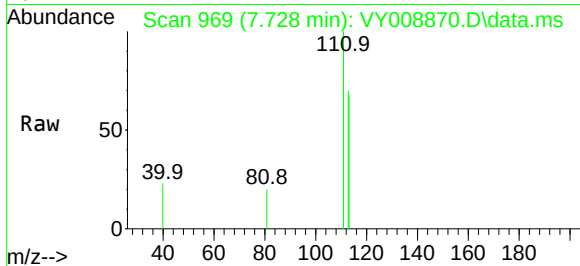




#35
Dibromofluoromethane
Concen: 69.272 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

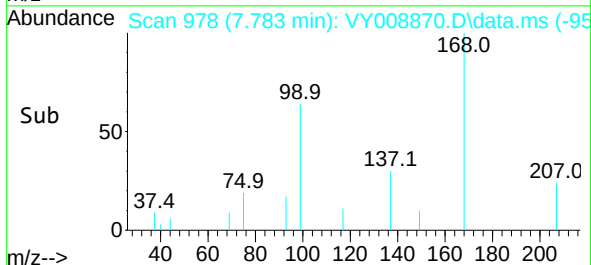
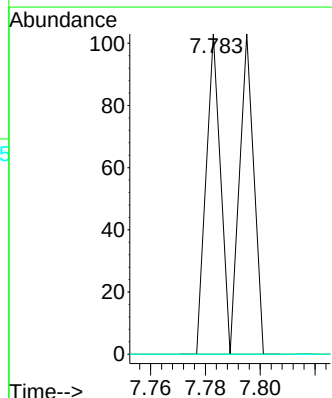
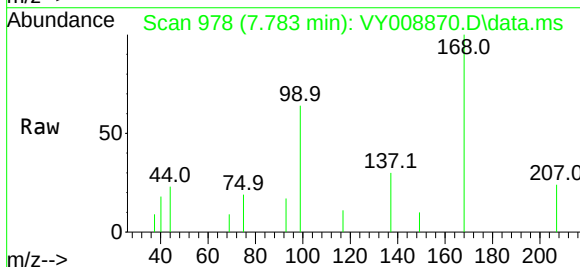
Instrument :
MSVOA_D
ClientSampleId :
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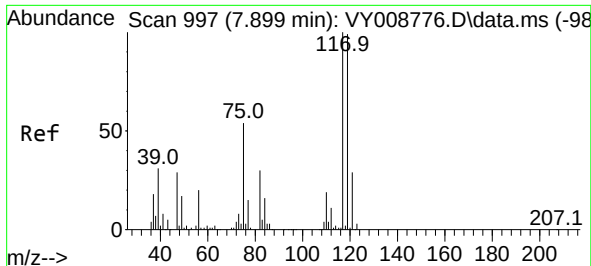
Tgt Ion:113 Resp: 1024
Ion Ratio Lower Upper
113 100
111 89.3 82.6 124.0
192 0.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.168 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

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

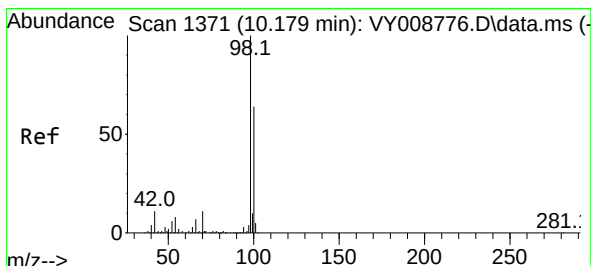
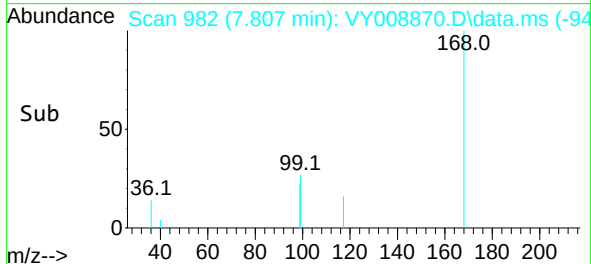
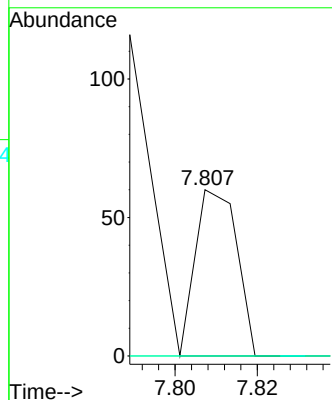
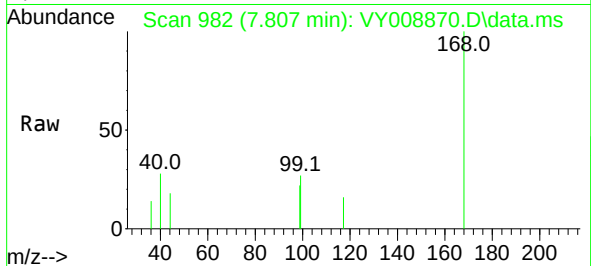




#38
Carbon Tetrachloride
Concen: 1.655 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

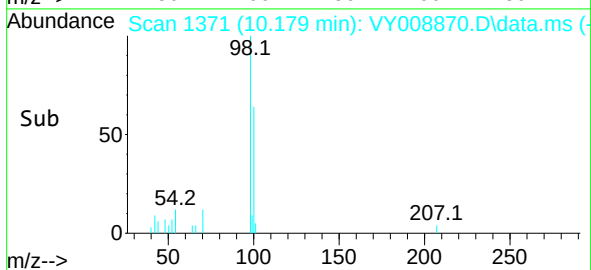
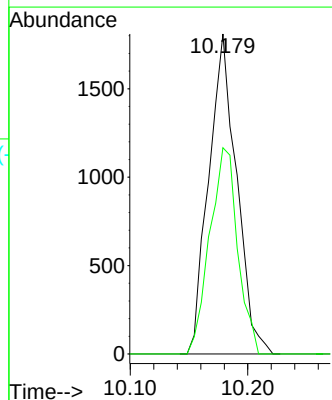
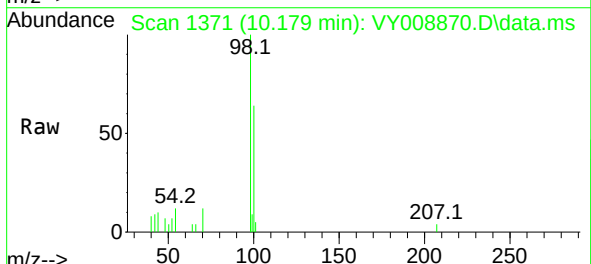
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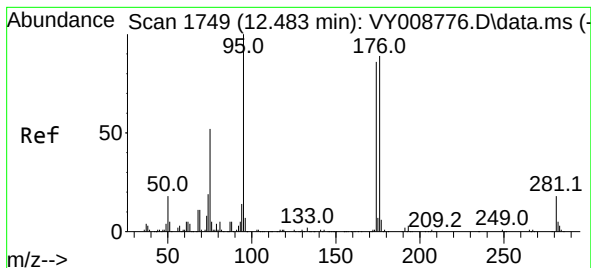
Tgt Ion:117 Resp: 42
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.691 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

Tgt Ion: 98 Resp: 2983
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

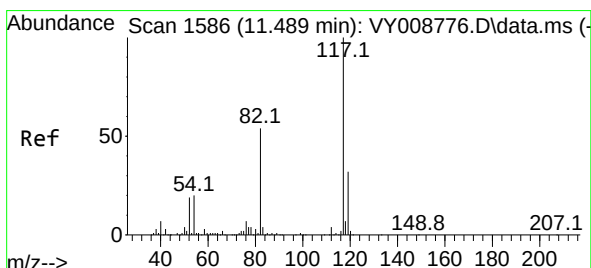
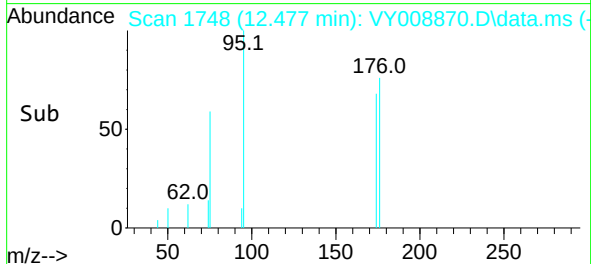
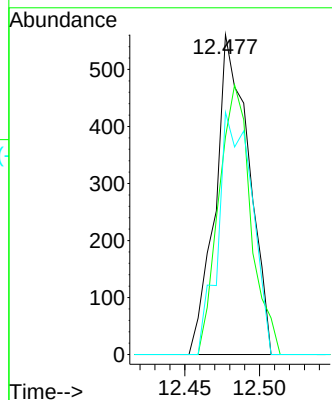
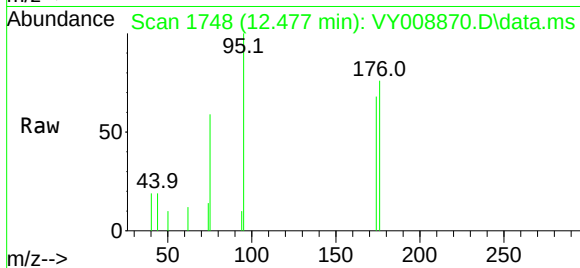




#62
4-Bromofluorobenzene
Concen: 38.161 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

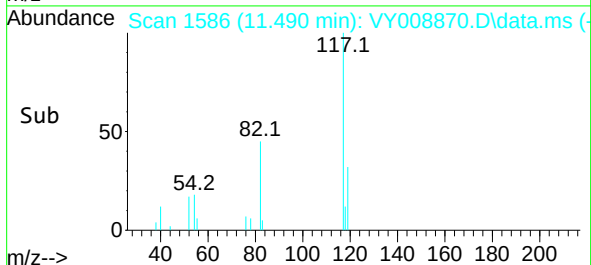
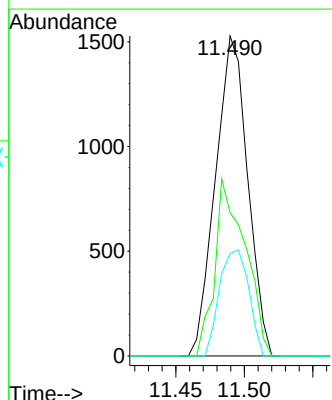
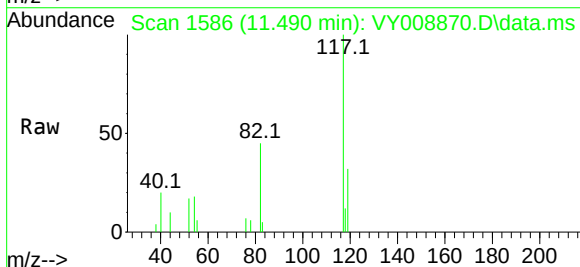
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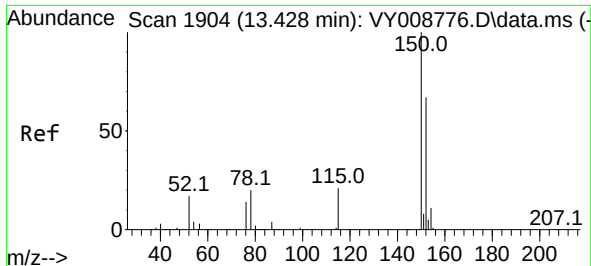
Tgt Ion: 95 Resp: 874
Ion Ratio Lower Upper
95 100
174 80.8 0.0 177.0
176 76.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008870.D
Acq: 19 May 2022 16:11

Tgt Ion: 117 Resp: 2496
Ion Ratio Lower Upper
117 100
82 44.8 43.0 64.4
119 32.1 25.4 38.0

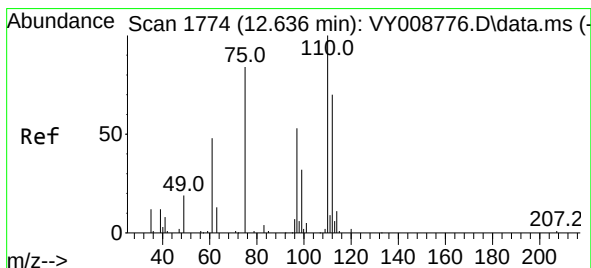
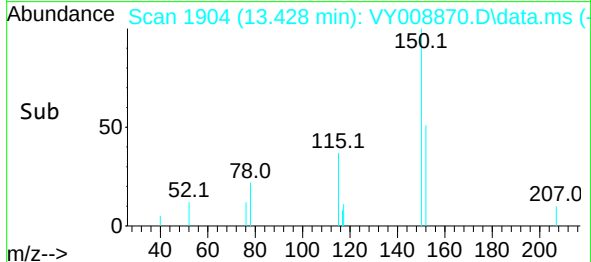
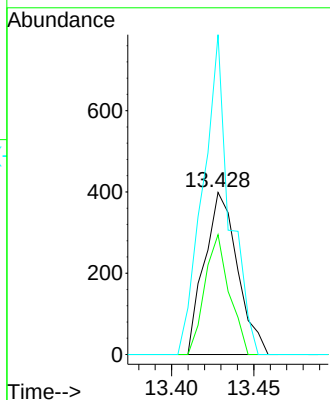
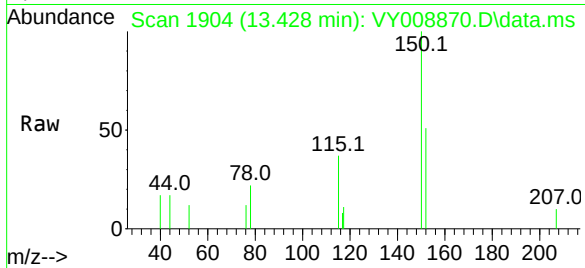




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008870.D
 Acq: 19 May 2022 16:11

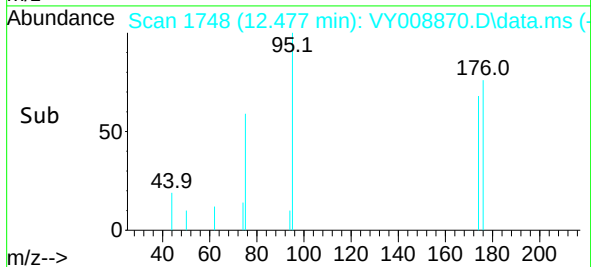
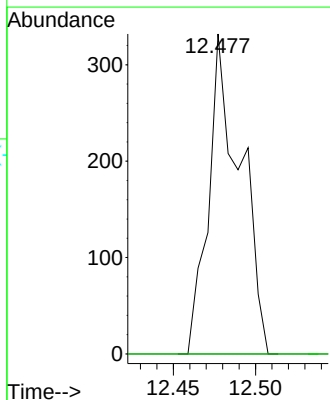
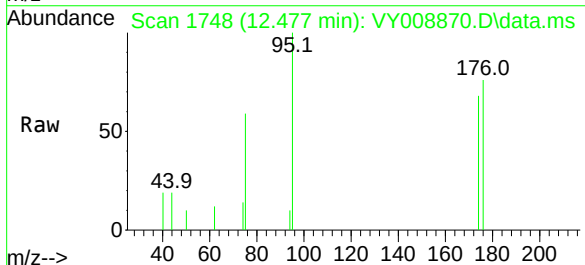
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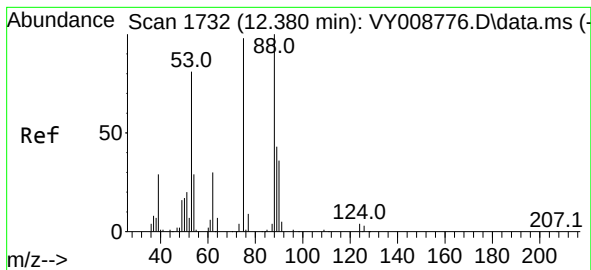
Tgt Ion:152 Resp: 557
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 160.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 69.473 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY008870.D
 Acq: 19 May 2022 16:11

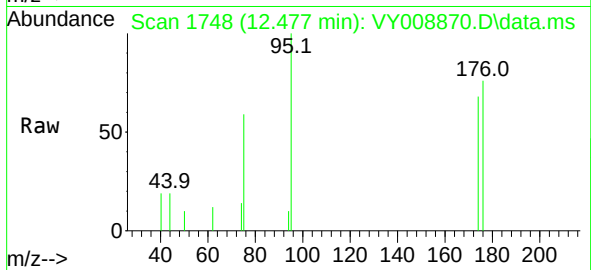
Tgt Ion: 75 Resp: 447
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.957 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY008870.D
 Acq: 19 May 2022 16:11

Instrument :
 MSVOA_D
 ClientSampleId :
 SB14



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

