

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009668.D
 Acq On : 22 Jul 2022 18:33
 Operator : KP/MD
 Sample : N3836-01
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jul 23 00:55:44 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)

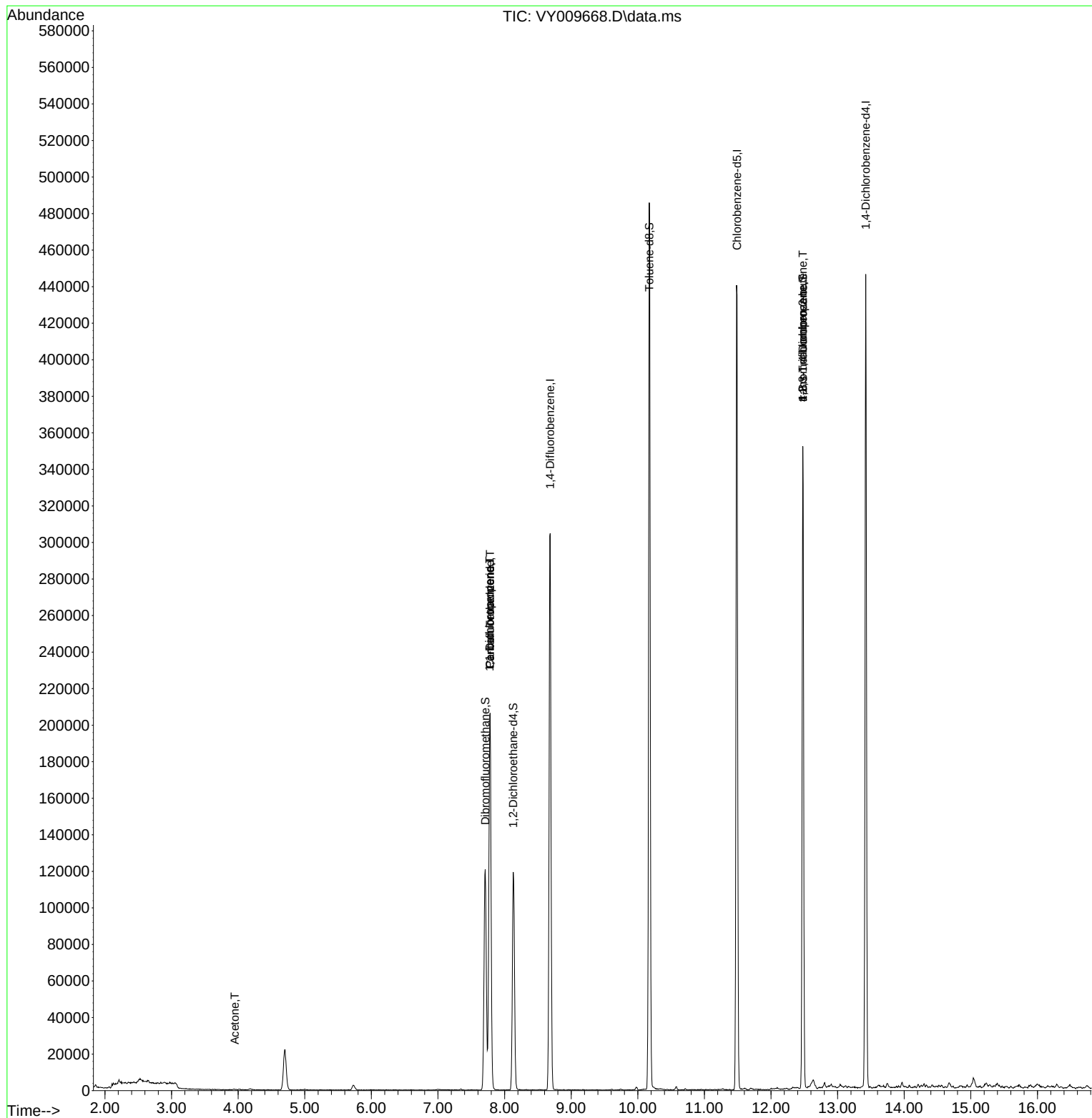
Internal Standards						
1) Pentafluorobenzene	7.783	168	174797	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	274833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	95013	57.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.940%	
35) Dibromofluoromethane	7.710	113	86602	50.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.173	98	315645	47.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.477	95	103246	47.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	245	Below Cal	#	77
16) Acetone	3.948	43	829	1.982	ug/l #	86
20) Methylene Chloride	4.704	84	17516	Below Cal	#	79
36) 1,1-Dichloropropene	7.777	75	11233	4.390	ug/l #	51
38) Carbon Tetrachloride	7.783	117	15734	5.874	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	52036	45.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52036	89.434	ug/l #	7

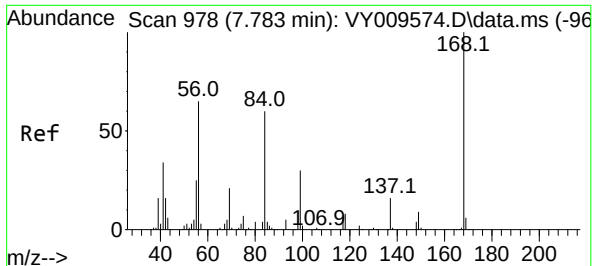
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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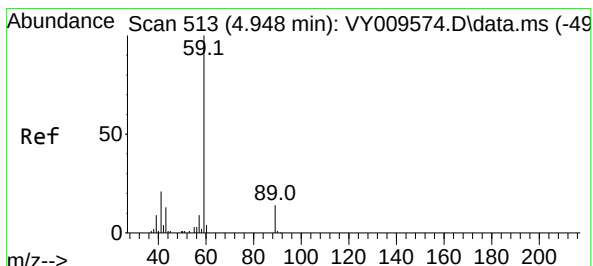
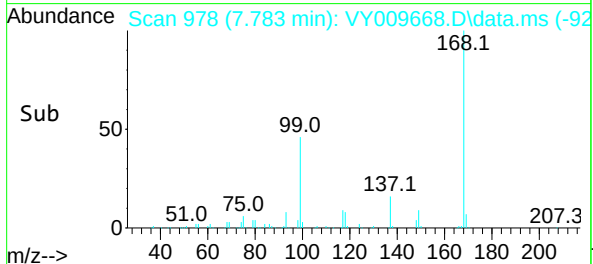
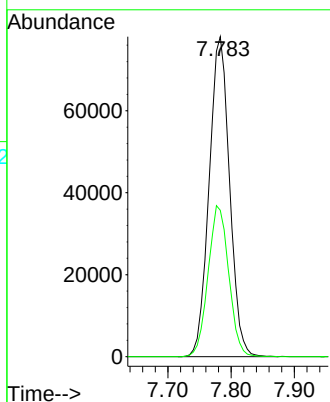
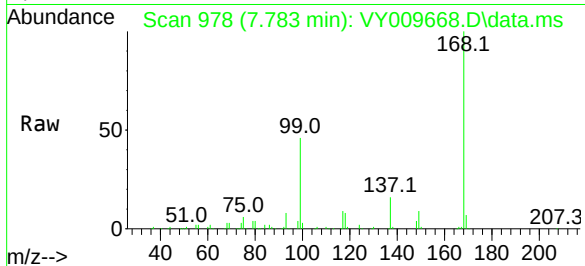




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

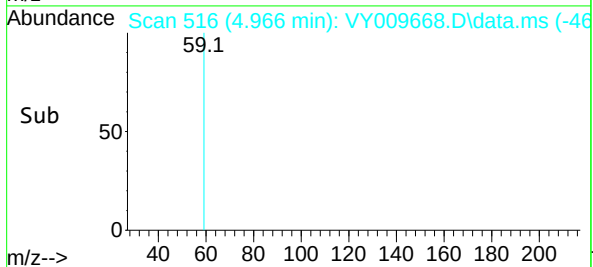
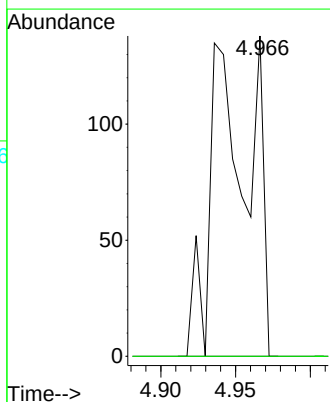
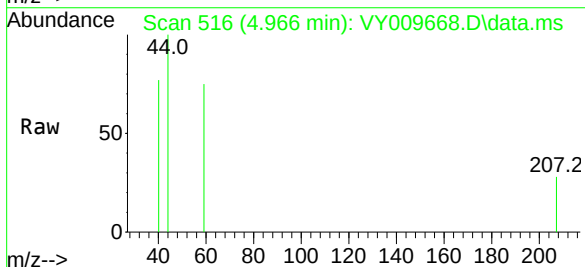
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

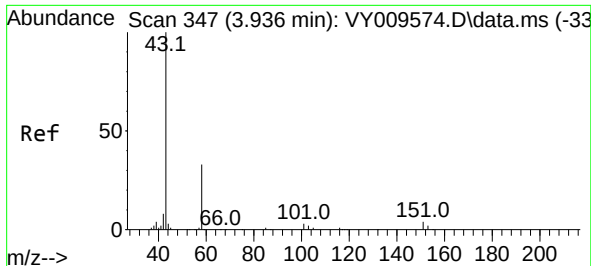
Tgt Ion:168 Resp: 174797
Ion Ratio Lower Upper
168 100
99 45.7 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

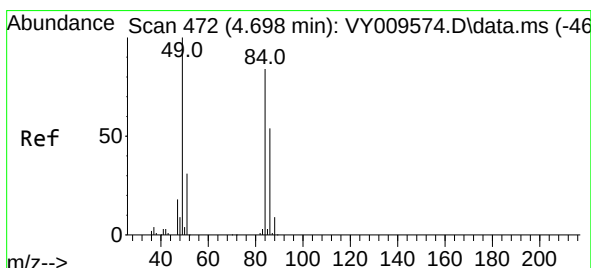
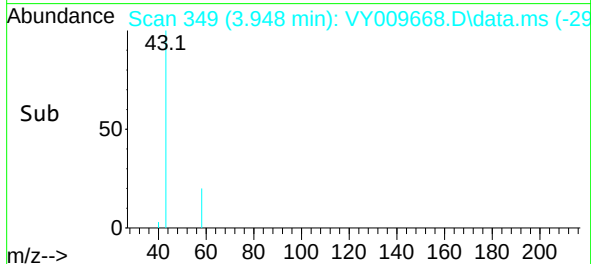
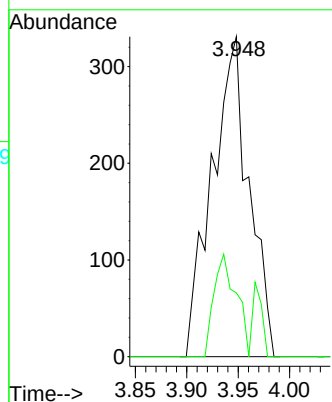
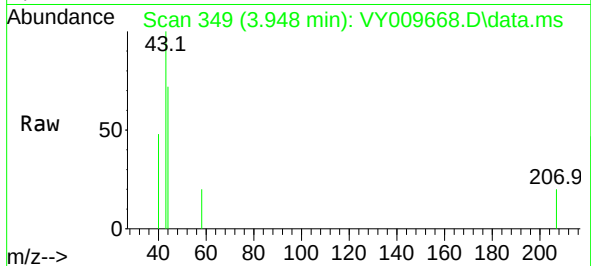




#16
Acetone
Concen: 1.982 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

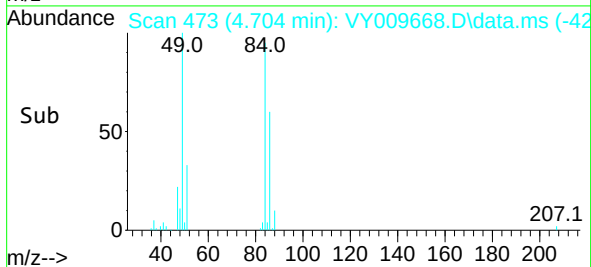
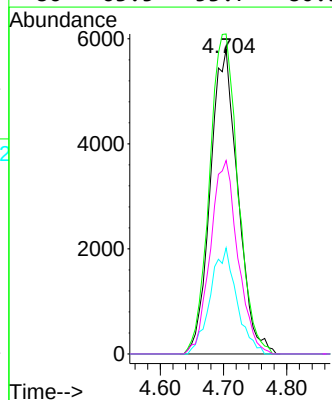
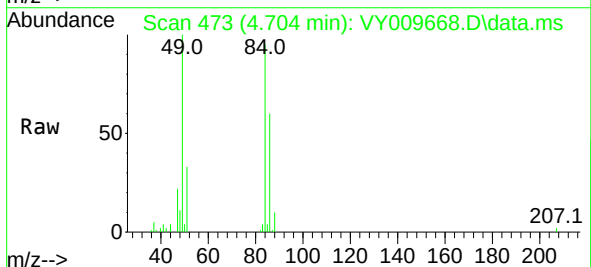
Instrument :
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TP-1

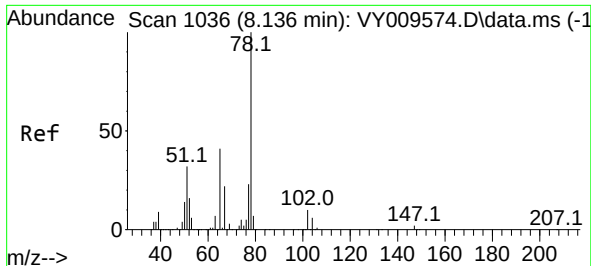
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 19.9 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

Tgt Ion: 84 Resp: 17516
Ion Ratio Lower Upper
84 100
49 105.1 114.4 171.6#
51 34.8 35.3 52.9#
86 63.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.474 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009668.D

Acq: 22 Jul 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

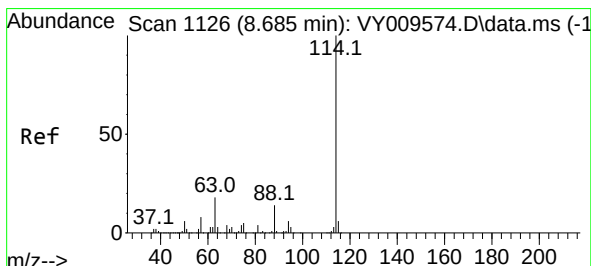
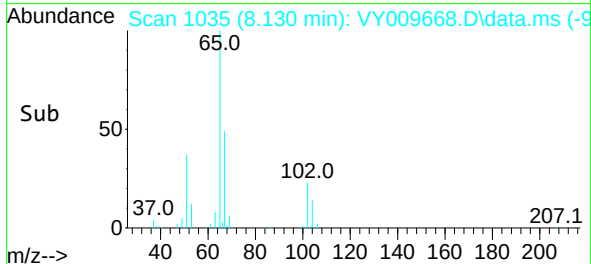
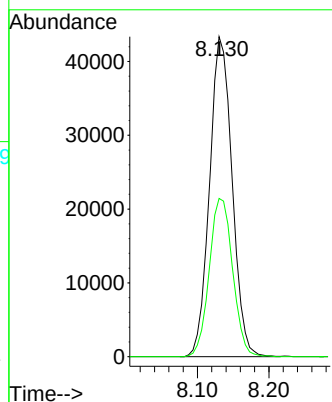
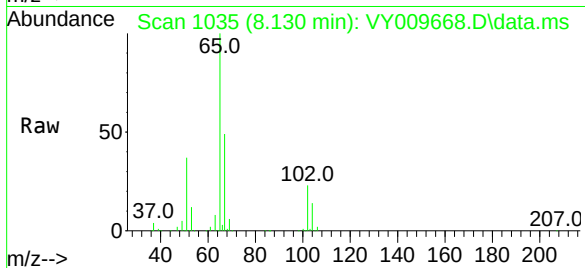
TP-1

Tgt Ion: 65 Resp: 95013

Ion Ratio Lower Upper

65 100

67 51.3 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: VY009668.D

Acq: 22 Jul 2022 18:33

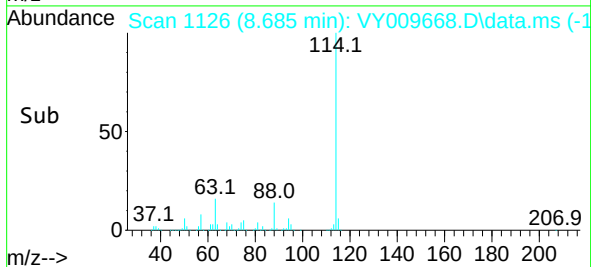
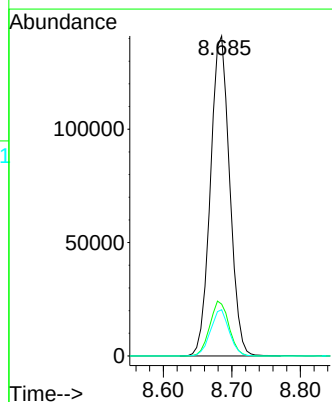
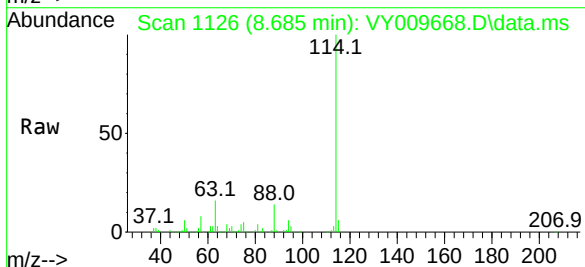
Tgt Ion: 114 Resp: 274833

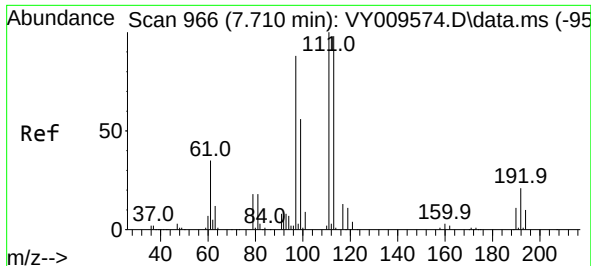
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.5 0.0 31.8

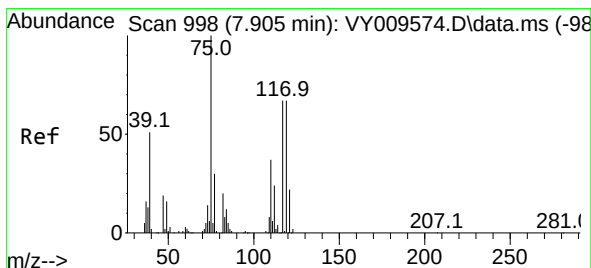
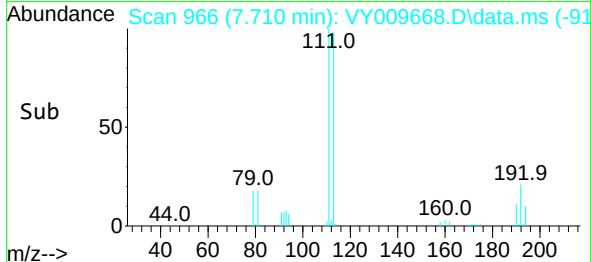
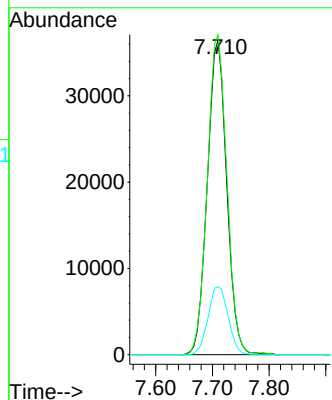
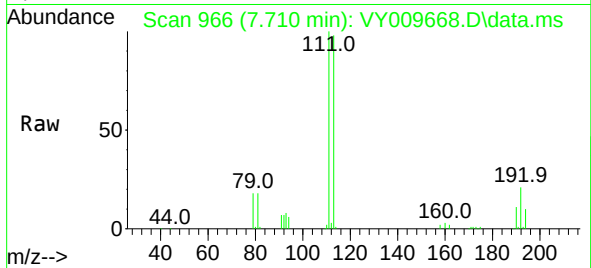




#35
Dibromofluoromethane
Concen: 50.017 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

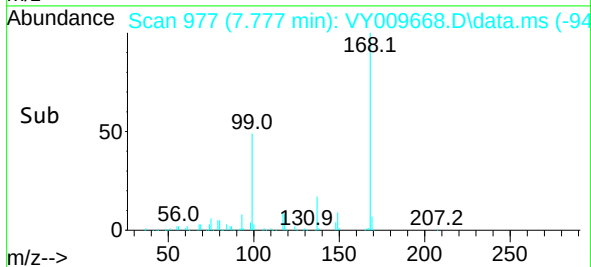
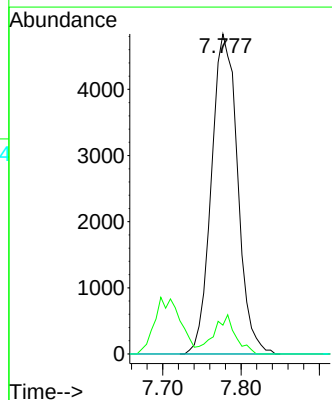
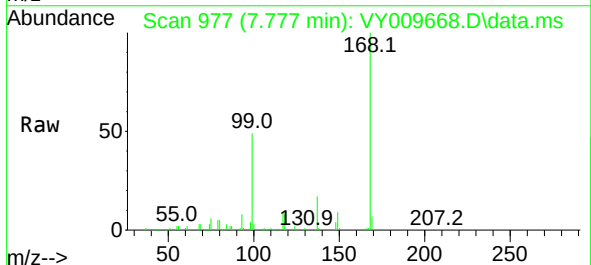
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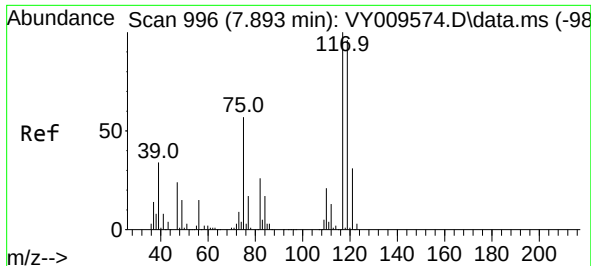
Tgt Ion:113 Resp: 86602
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

Tgt Ion: 75 Resp: 11233
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

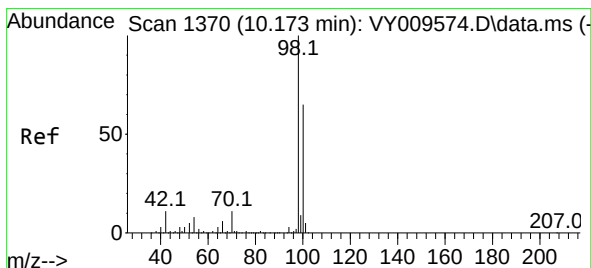
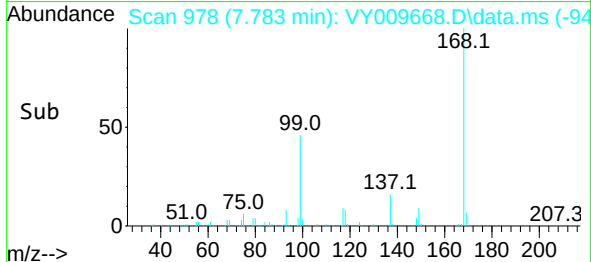
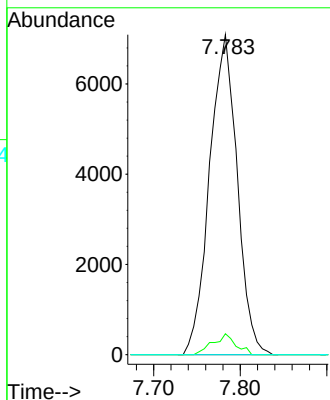
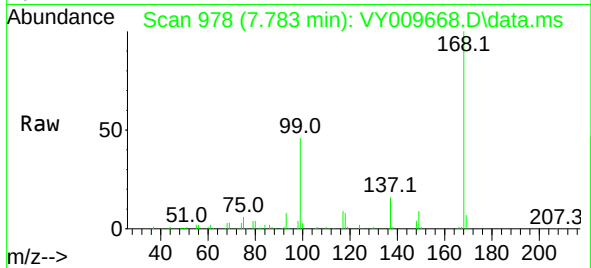




#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

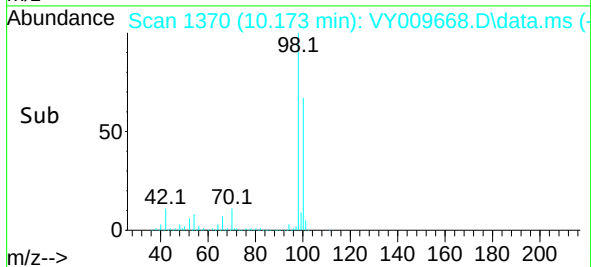
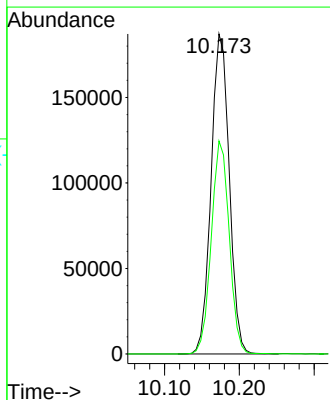
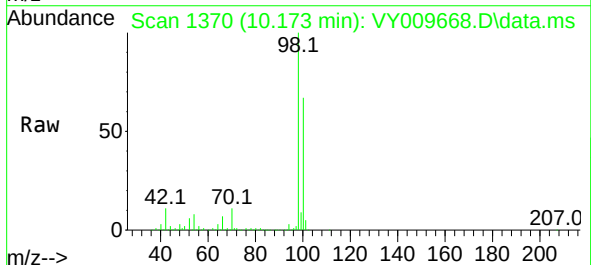
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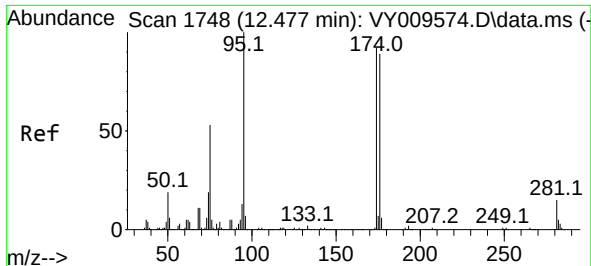
Tgt Ion:117 Resp: 15734
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.421 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

Tgt Ion: 98 Resp: 315645
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

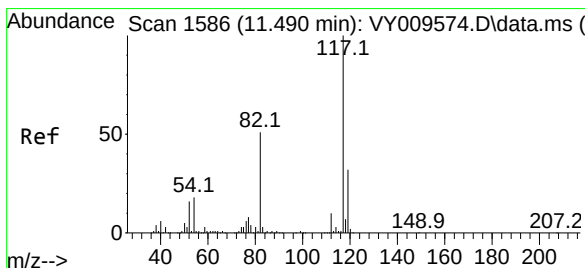
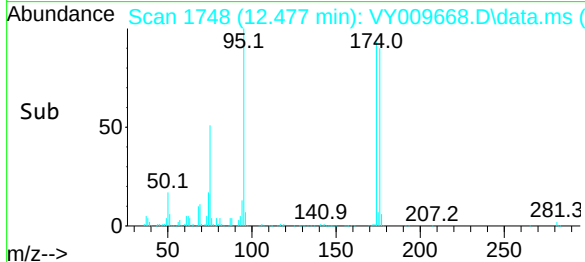
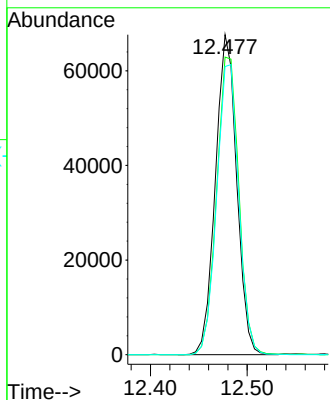
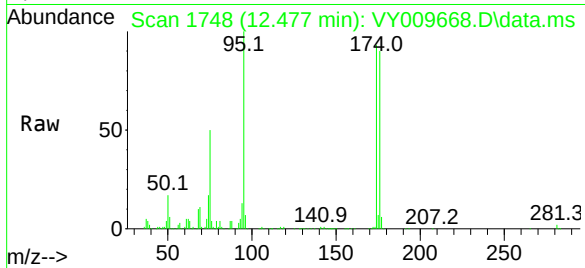




#62
4-Bromofluorobenzene
Concen: 47.870 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

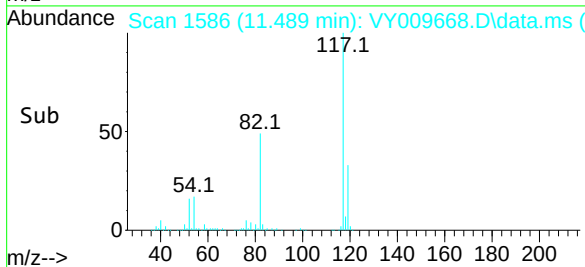
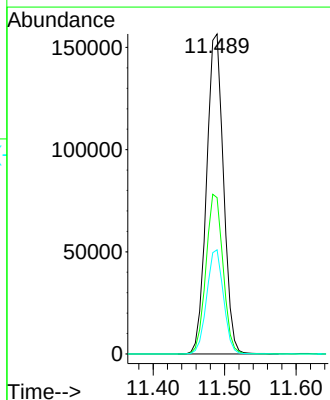
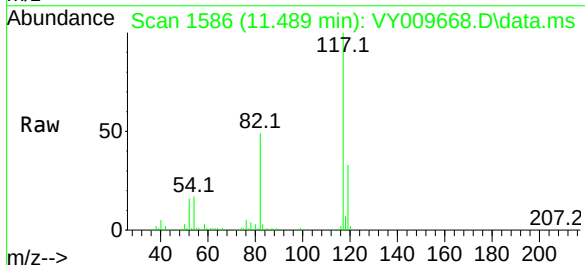
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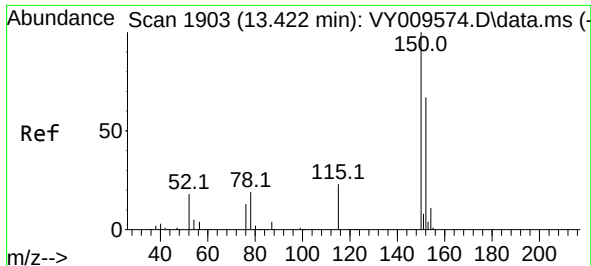
Tgt Ion: 95 Resp: 103246
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 93.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009668.D
Acq: 22 Jul 2022 18:33

Tgt Ion: 117 Resp: 257330
Ion Ratio Lower Upper
117 100
82 48.9 43.0 64.4
119 32.6 25.4 38.0

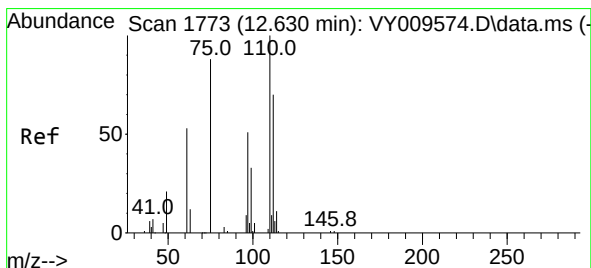
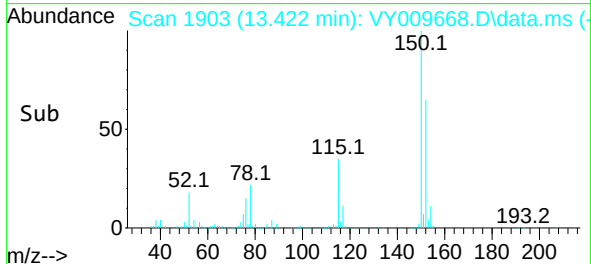
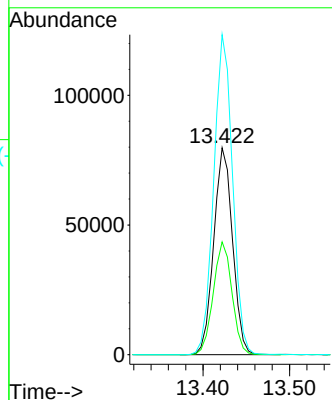
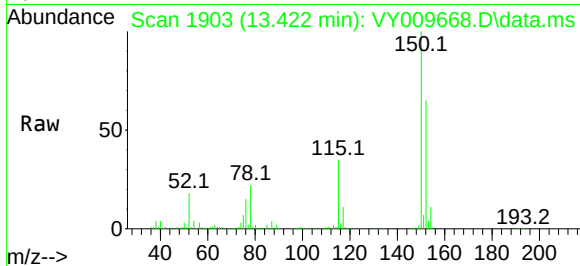




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009668.D
 Acq: 22 Jul 2022 18:33

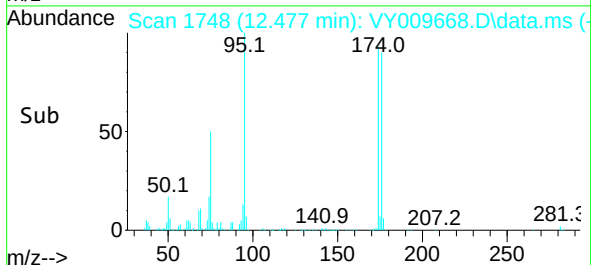
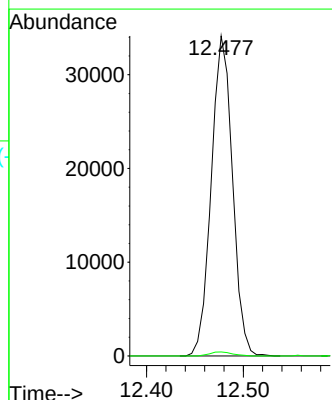
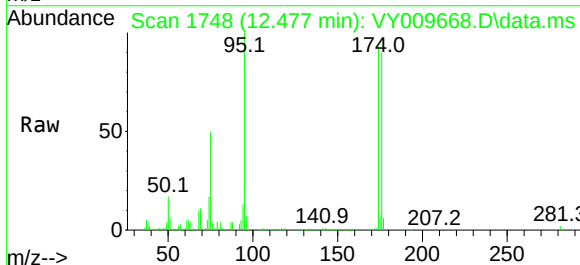
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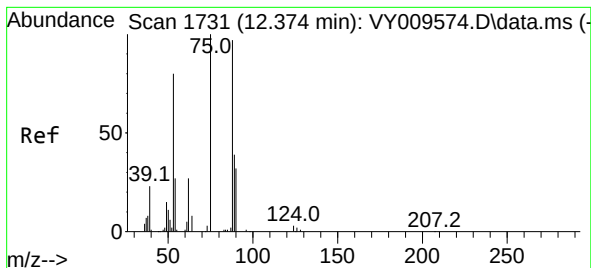
Tgt Ion:152 Resp: 120433
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 154.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.357 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009668.D
 Acq: 22 Jul 2022 18:33

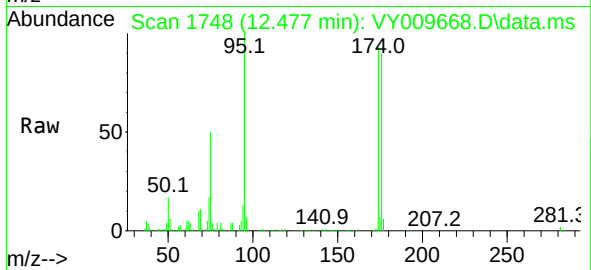
Tgt Ion: 75 Resp: 52036
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.434 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009668.D
 Acq: 22 Jul 2022 18:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

