

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009670.D
 Acq On : 22 Jul 2022 19:21
 Operator : KP/MD
 Sample : N3839-01
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-1-(5-10)

Quant Time: Jul 23 00:55:59 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)

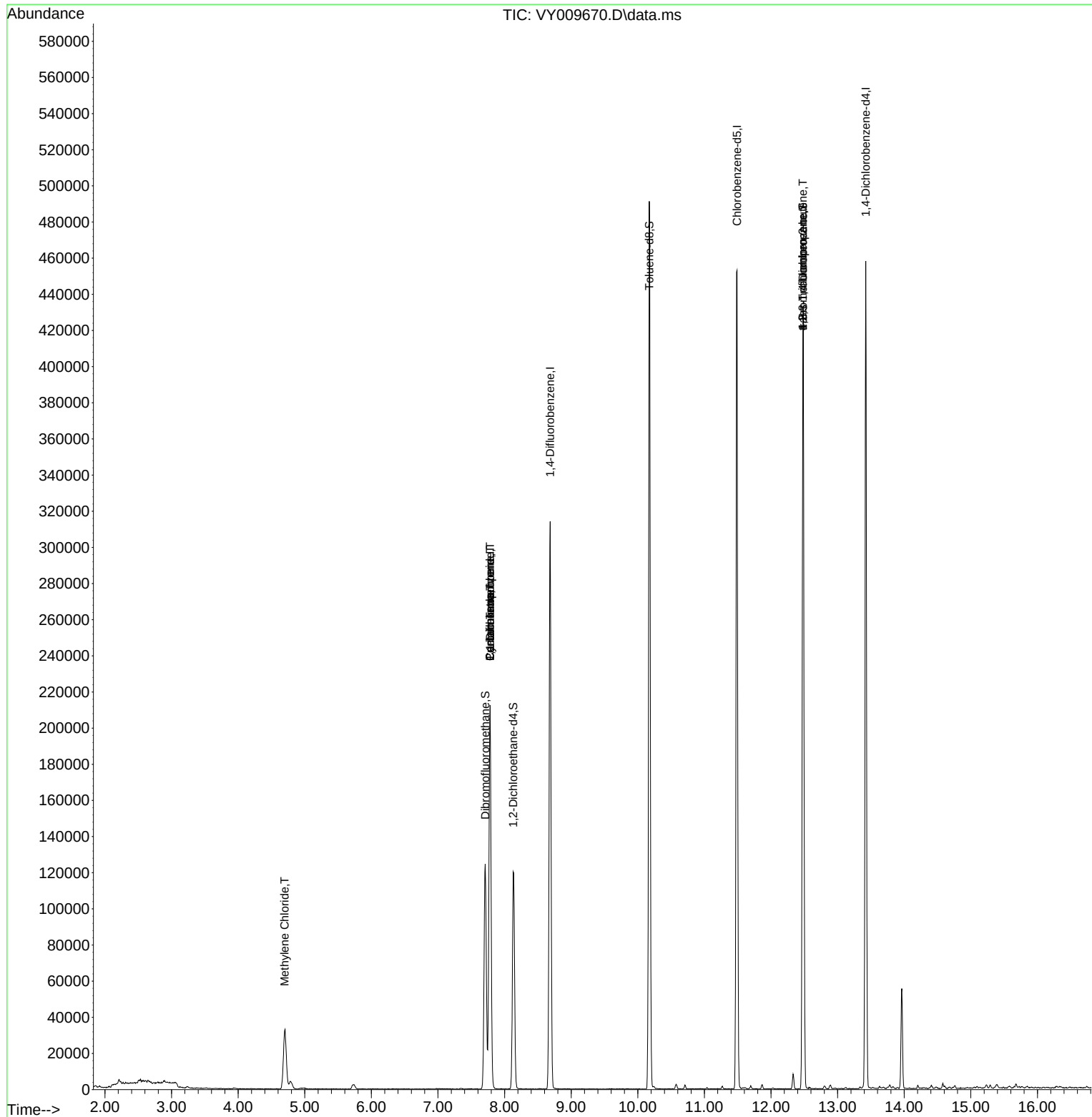
Internal Standards						
1) Pentafluorobenzene	7.783	168	176641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	95411	57.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.220%	
35) Dibromofluoromethane	7.710	113	87898	50.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.172	98	322237	47.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.477	95	103767	47.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 95.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	928	Below Cal	#	77
20) Methylene Chloride	4.698	84	26040	2.961	ug/l #	76
31) Cyclohexane	7.783	56	3038	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11471	4.437	ug/l #	51
38) Carbon Tetrachloride	7.783	117	15351	5.672	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	53183	45.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53183	89.755	ug/l #	8

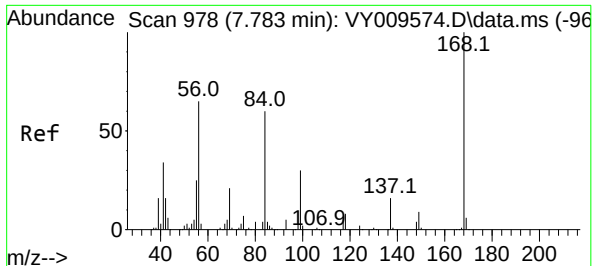
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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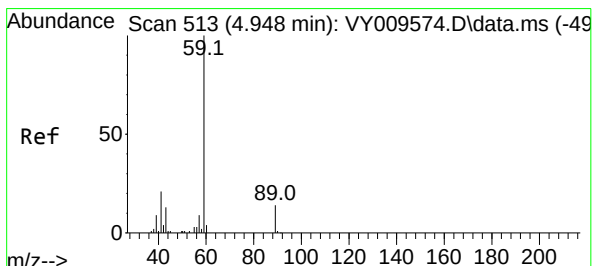
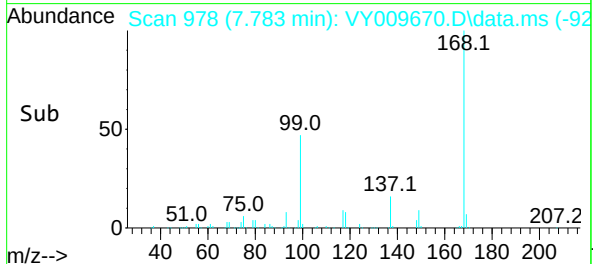
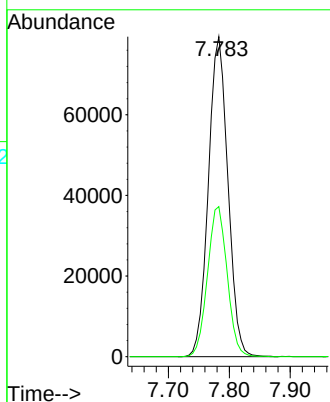
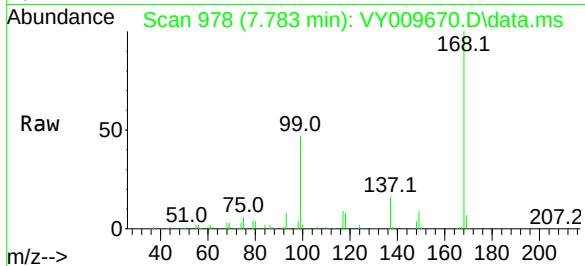




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

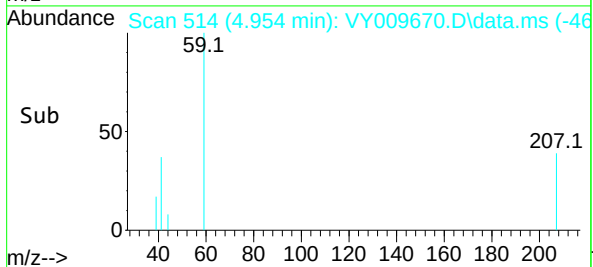
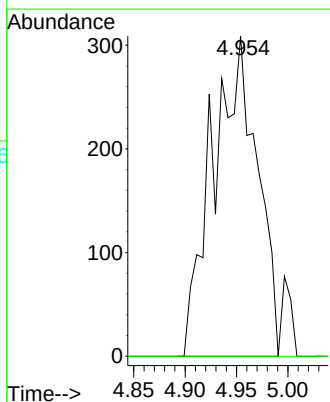
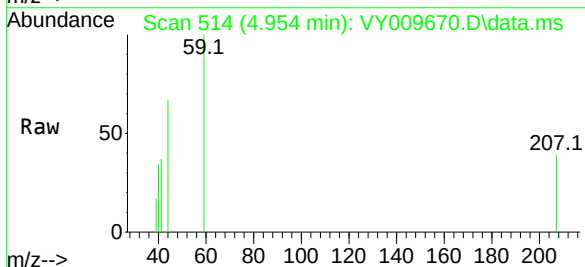
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(5-10)

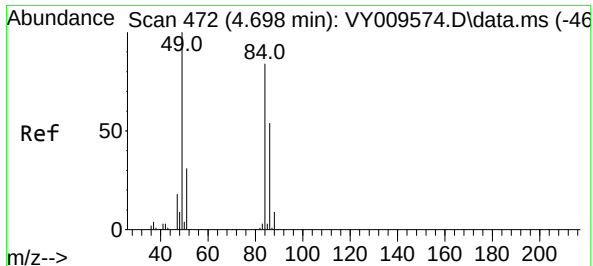
Tgt Ion:168 Resp: 176641
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

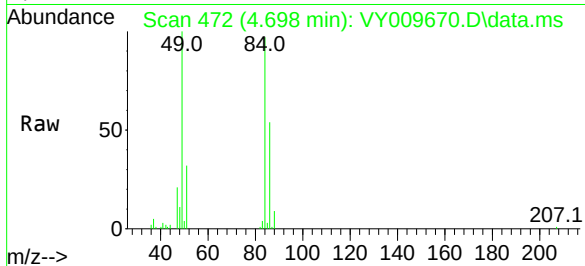
Tgt Ion: 59 Resp: 928
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



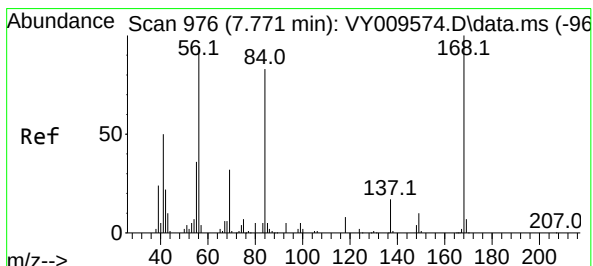
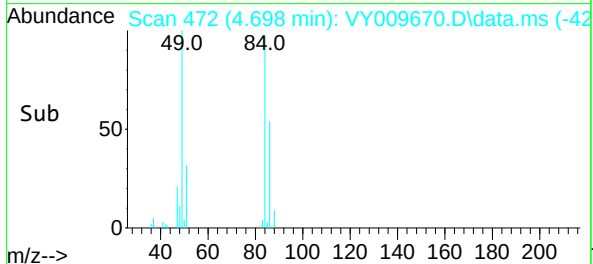
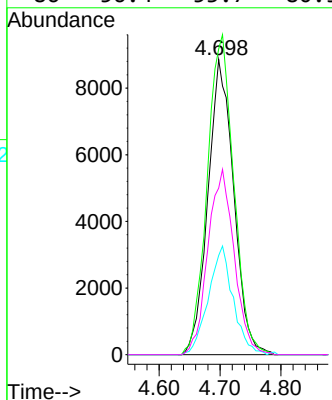


#20
Methylene Chloride
Concen: 2.961 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(5-10)

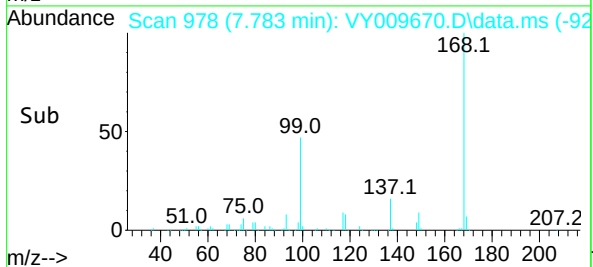
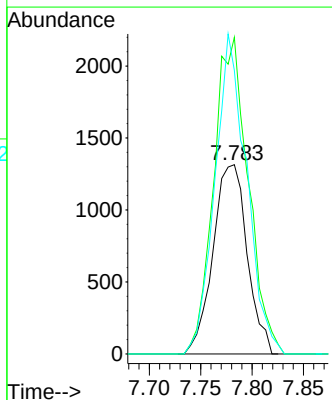
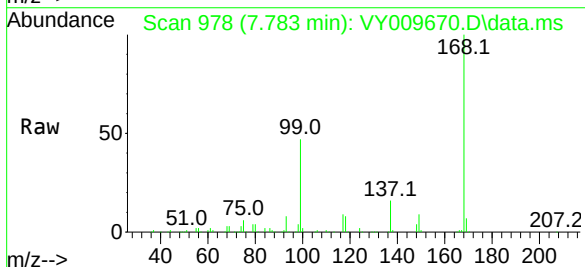


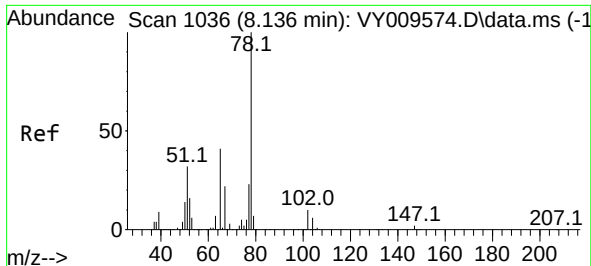
Tgt Ion: 84 Resp: 26040
Ion Ratio Lower Upper
84 100
49 103.5 114.4 171.6#
51 33.6 35.3 52.9#
86 56.4 53.7 80.5



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

Tgt Ion: 56 Resp: 3038
Ion Ratio Lower Upper
56 100
69 167.3 26.7 40.1#
84 149.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.112 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009670.D

Acq: 22 Jul 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

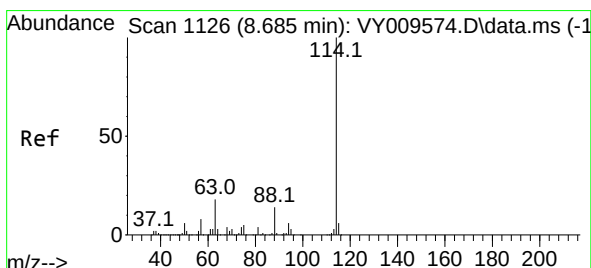
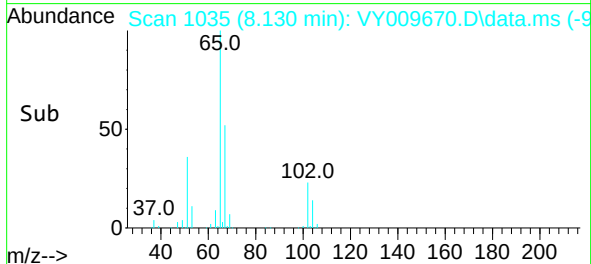
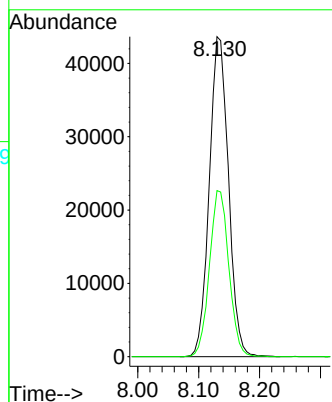
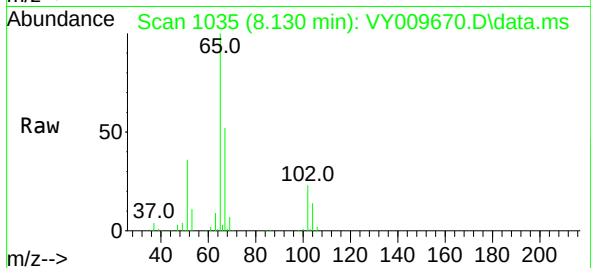
ENV-DE-1-(5-10)

Tgt Ion: 65 Resp: 95411

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009670.D

Acq: 22 Jul 2022 19:21

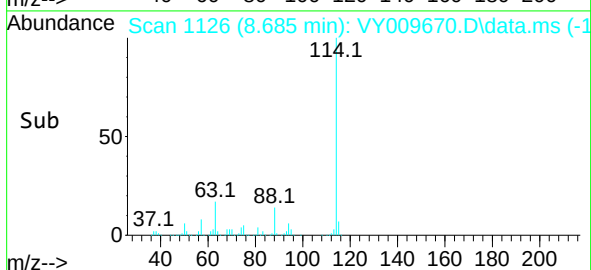
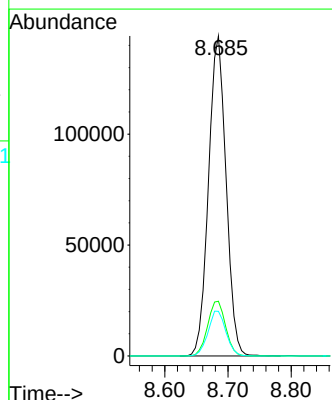
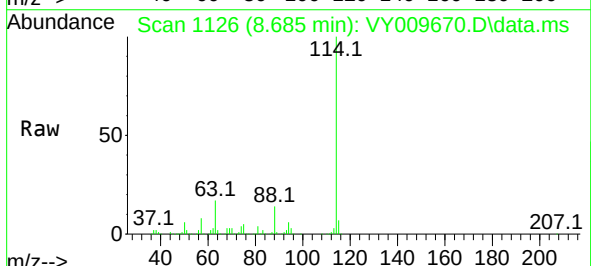
Tgt Ion: 114 Resp: 277711

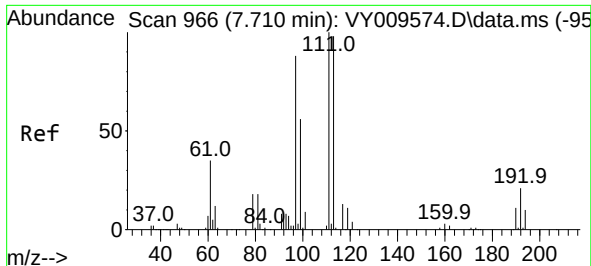
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.0 0.0 31.8

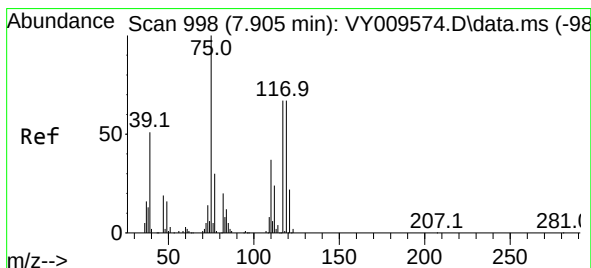
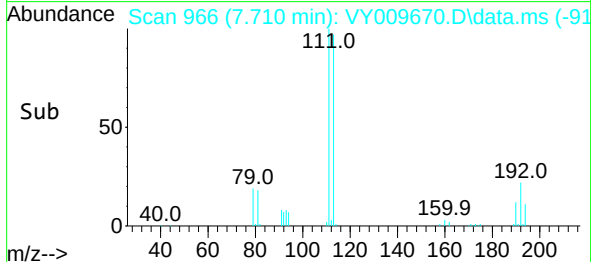
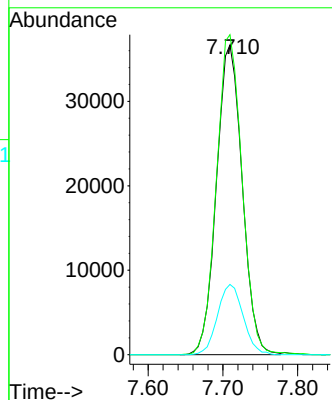
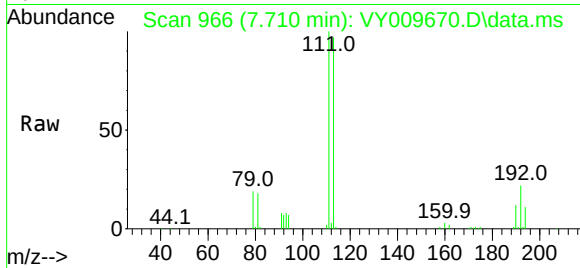




#35
Dibromofluoromethane
Concen: 50.240 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

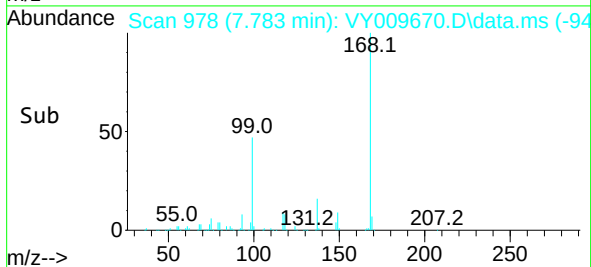
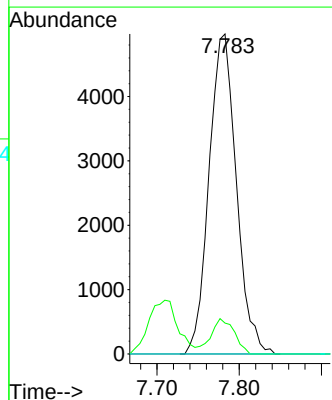
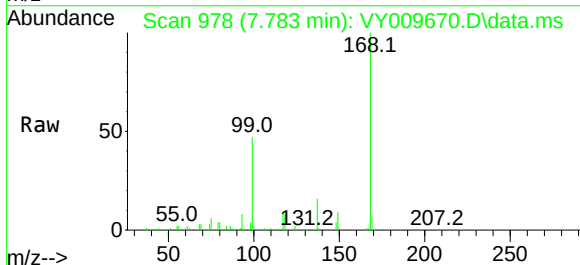
Instrument :
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ClientSampleId :
ENV-DE-1-(5-10)

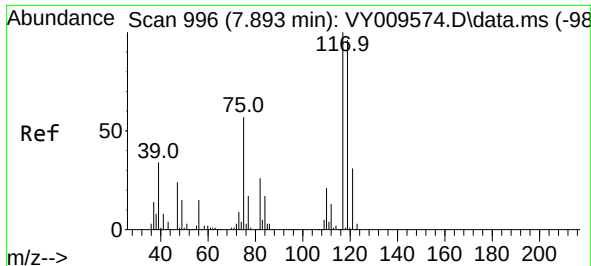
Tgt Ion:113 Resp: 87898
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

Tgt Ion: 75 Resp: 11471
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

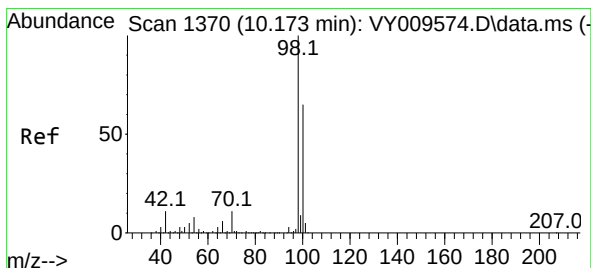
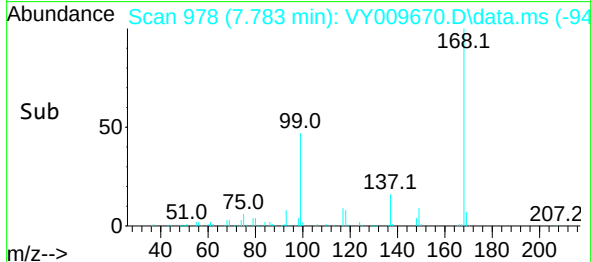
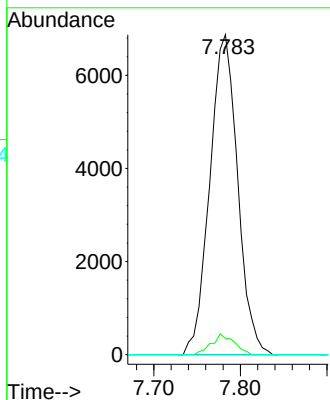
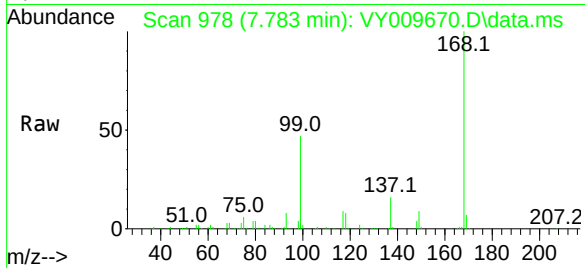




#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

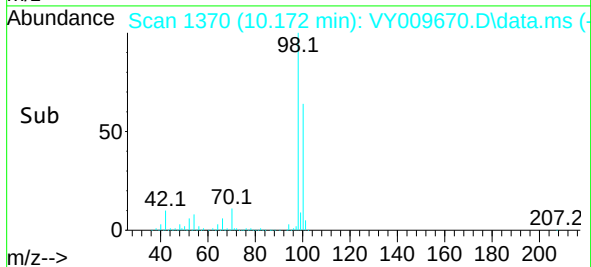
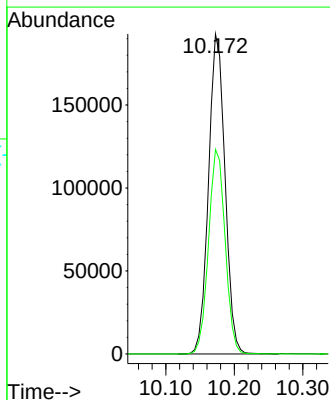
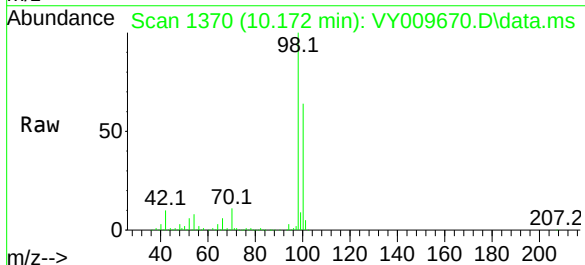
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ENV-DE-1-(5-10)

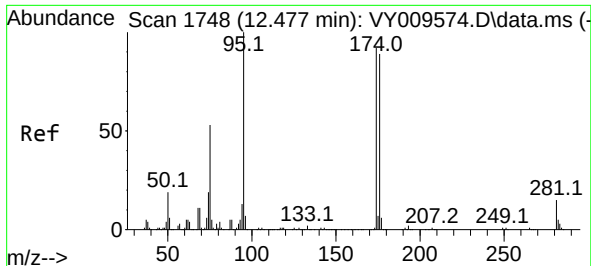
Tgt Ion:117 Resp: 15351
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.910 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

Tgt Ion: 98 Resp: 322237
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

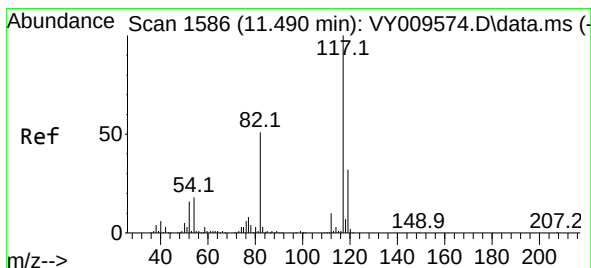
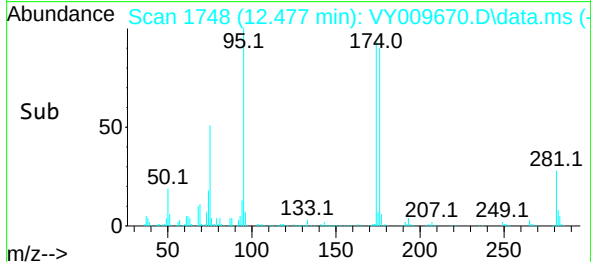
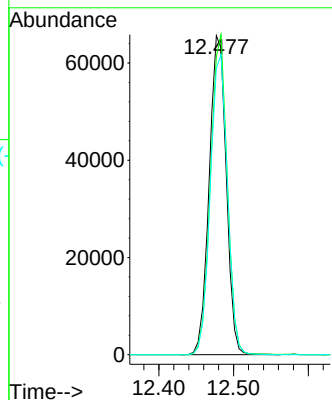
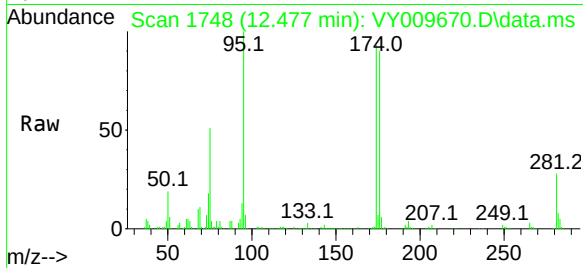




#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

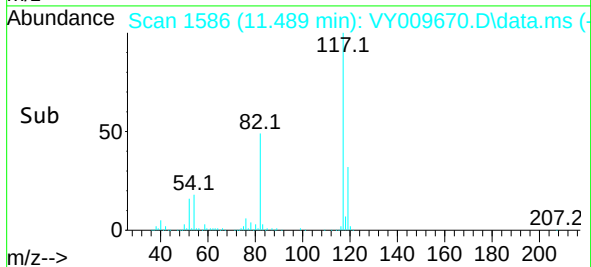
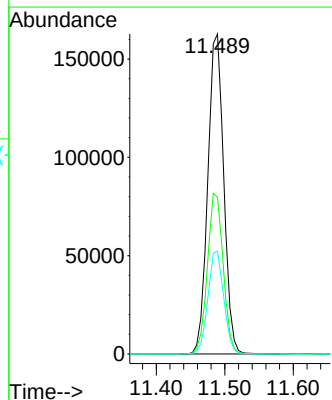
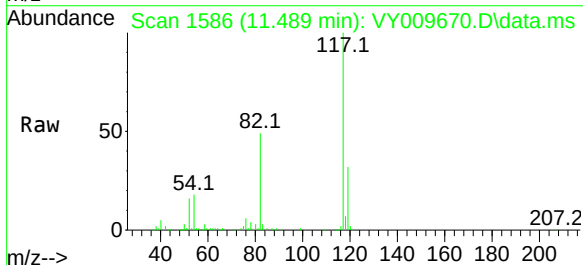
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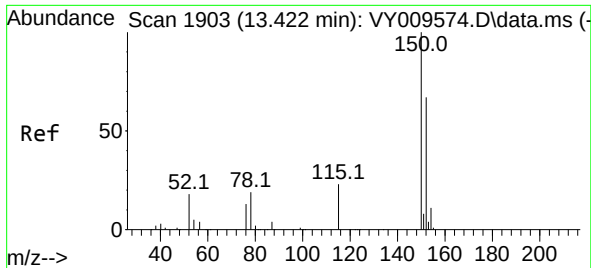
Tgt Ion: 95 Resp: 103767
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 94.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009670.D
Acq: 22 Jul 2022 19:21

Tgt Ion: 117 Resp: 263035
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.2 25.4 38.0

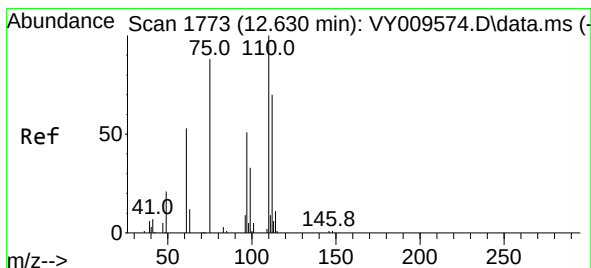
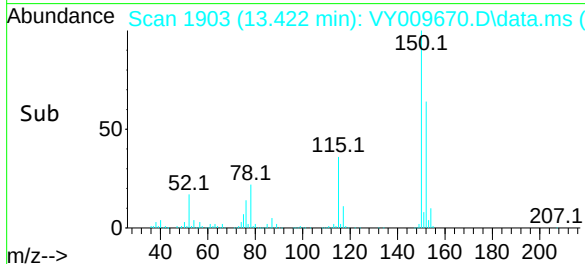
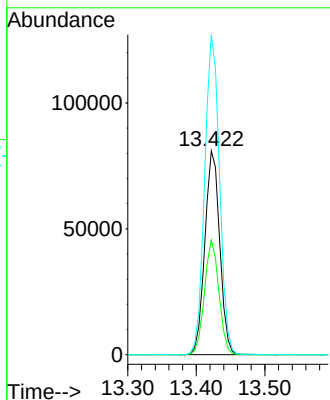
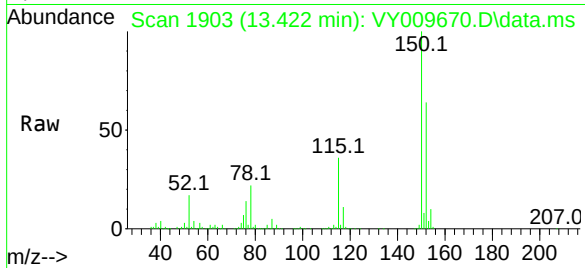




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009670.D
 Acq: 22 Jul 2022 19:21

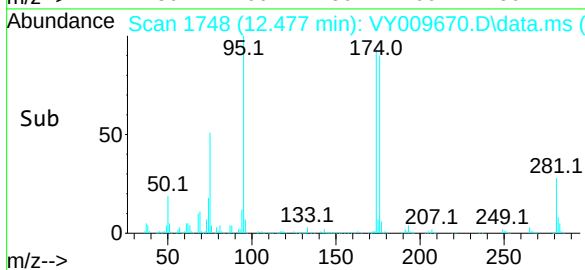
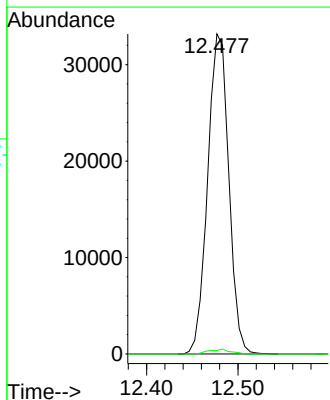
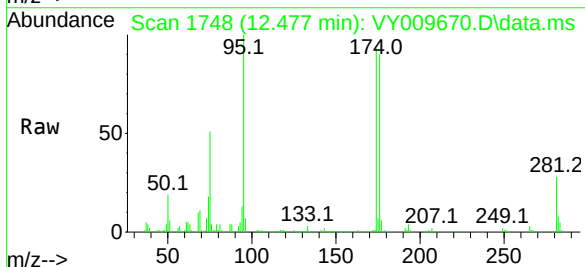
Instrument :
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 ENV-DE-1-(5-10)

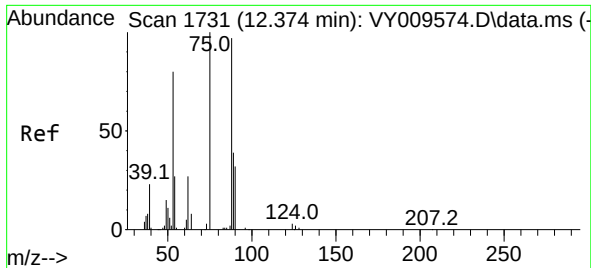
Tgt Ion:152 Resp: 122648
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.2 84.7
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.519 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009670.D
 Acq: 22 Jul 2022 19:21

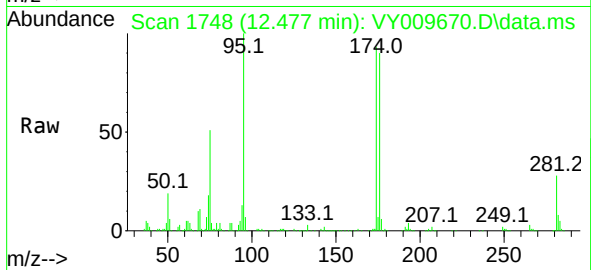
Tgt Ion: 75 Resp: 53183
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.755 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009670.D
 Acq: 22 Jul 2022 19:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-1-(5-10)



Tgt Ion:	75	Resp:	53183
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.7	37.0	55.4#

