

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010011.D
 Acq On : 14 Aug 2022 20:37
 Operator : KP/MD
 Sample : N4189-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17

Quant Time: Aug 15 00:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

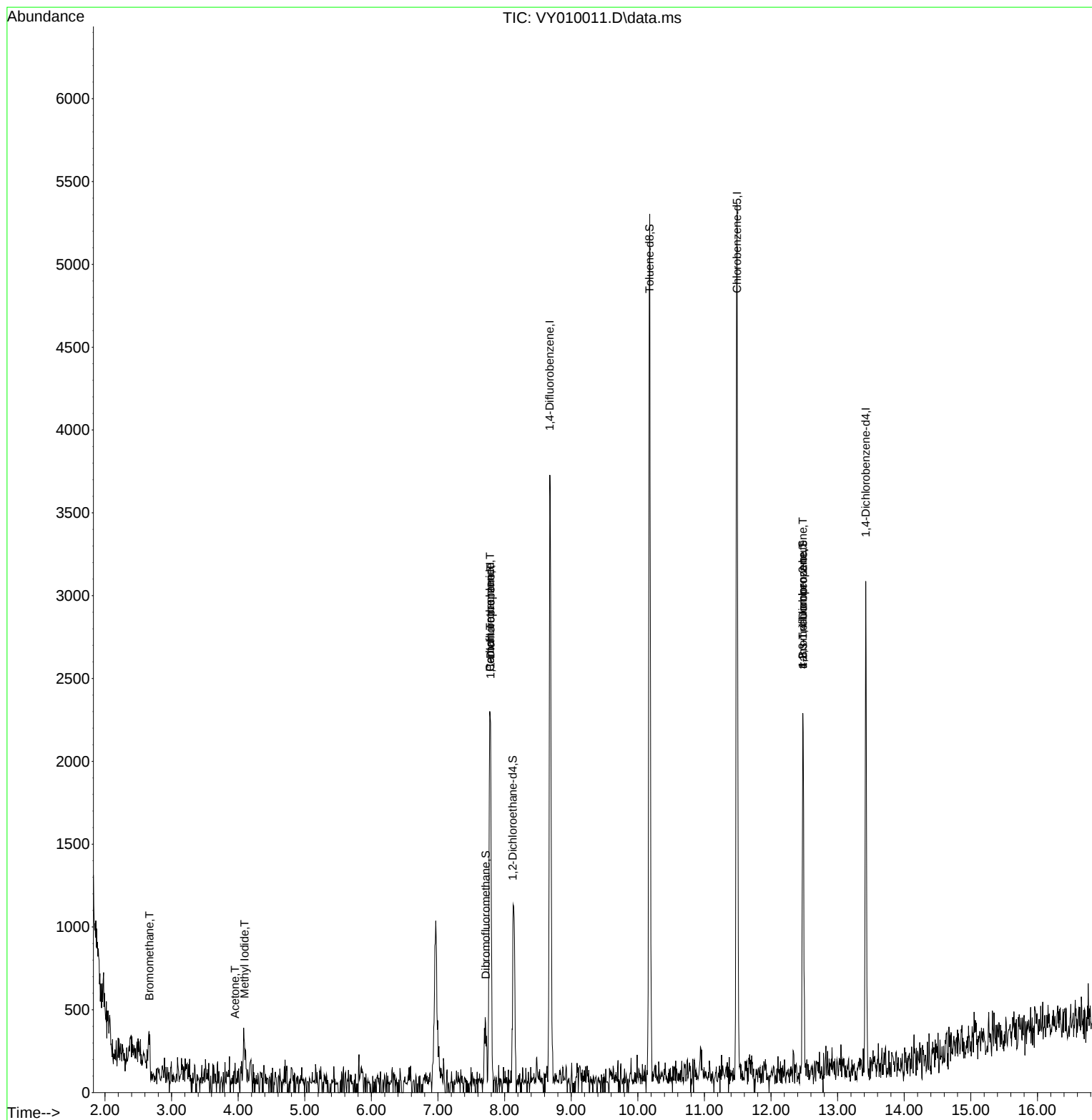
Internal Standards						
1) Pentafluorobenzene	7.783	168	2346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	4162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3421	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	1014	42.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.220%
35) Dibromofluoromethane	7.716	113	389	15.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	30.540%#
50) Toluene-d8	10.179	98	3698	37.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.780%
62) 4-Bromofluorobenzene	12.477	95	905	25.307	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	50.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	103	6.476	ug/l #	80
10) Methyl Iodide	4.094	142	309	9.955	ug/l #	65
16) Acetone	3.954	43	96	16.796	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	88	2.320	ug/l #	40
38) Carbon Tetrachloride	7.783	117	197	5.204	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	354	34.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	354	75.501	ug/l #	13

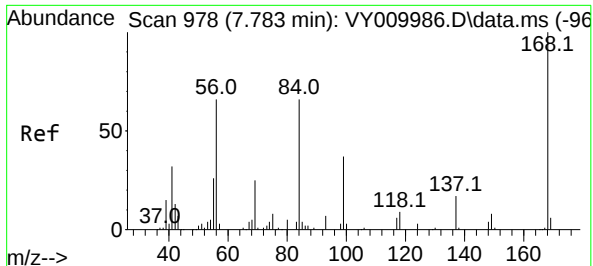
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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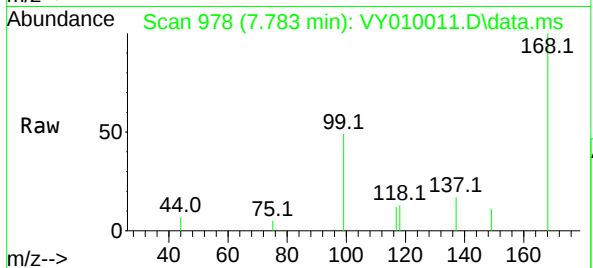
Quant Time: Aug 15 00:42:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration



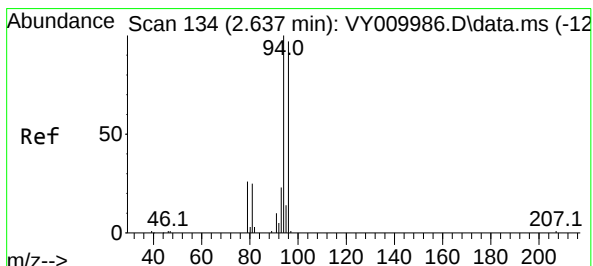
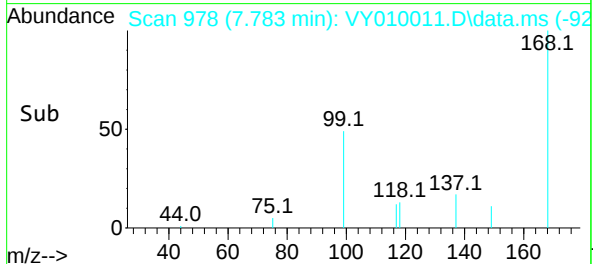
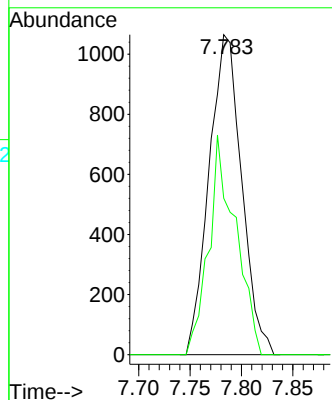


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :
SB17

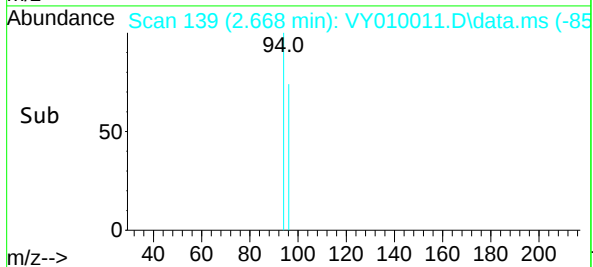
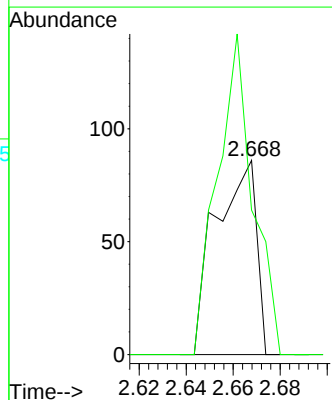
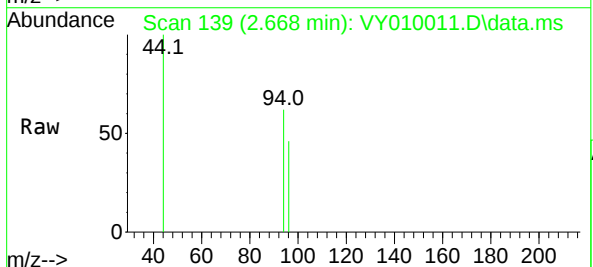


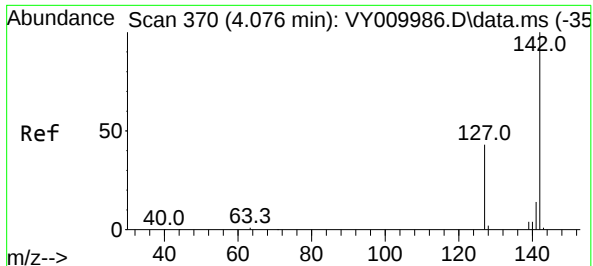
Tgt Ion:168 Resp: 2346
Ion Ratio Lower Upper
168 100
99 48.9 42.1 63.1



#5
Bromomethane
Concen: 6.476 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 74.4 74.6 111.8#

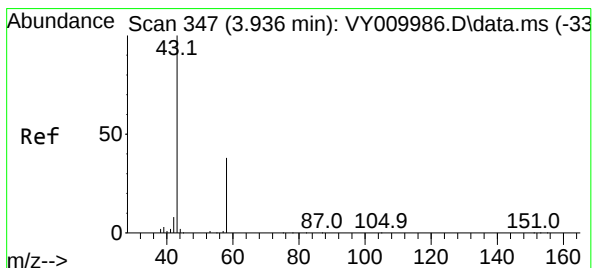
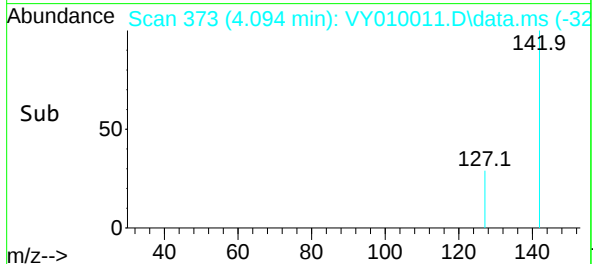
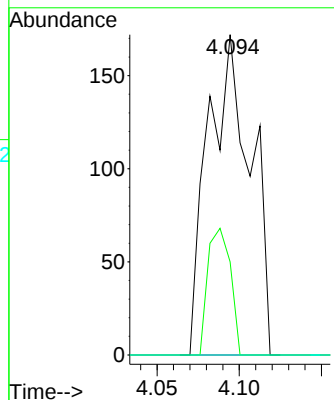
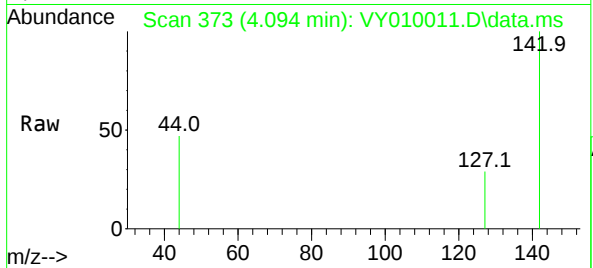




#10
Methyl Iodide
Concen: 9.955 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

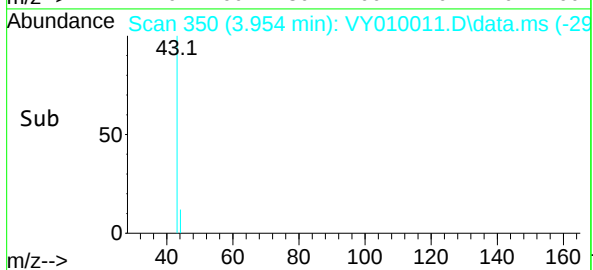
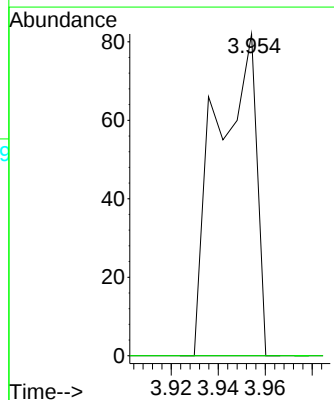
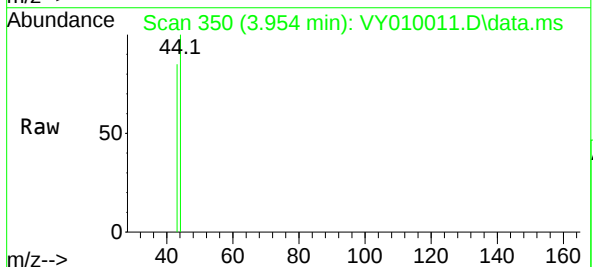
Instrument :
MSVOA_Y
ClientSampleId :
SB17

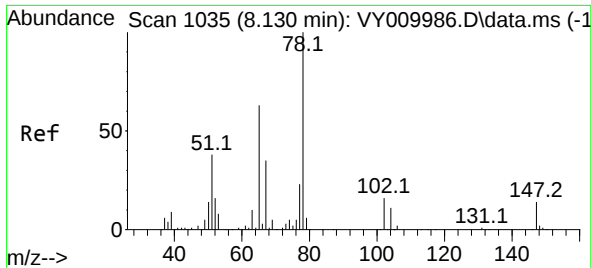
Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 21.0 35.2 52.8#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 16.796 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 42.609 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY010011.D

Acq: 14 Aug 2022 20:37

Instrument :

MSVOA_Y

ClientSampleId :

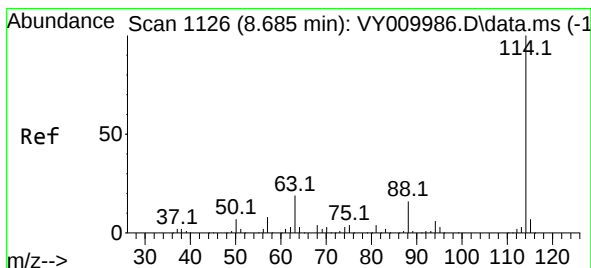
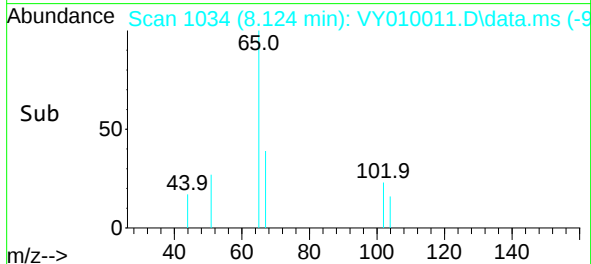
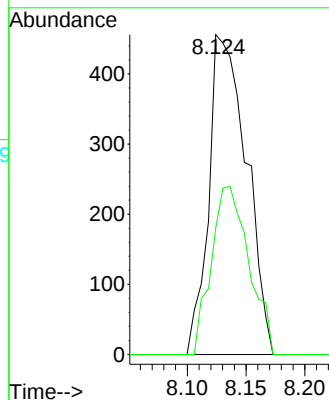
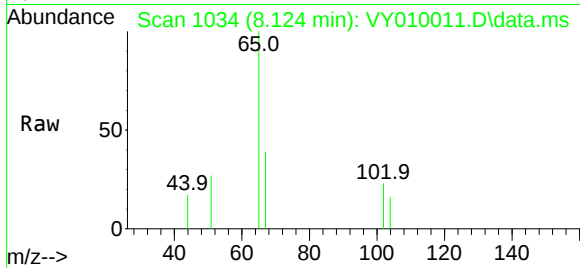
SB17

Tgt Ion: 65 Resp: 1014

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010011.D

Acq: 14 Aug 2022 20:37

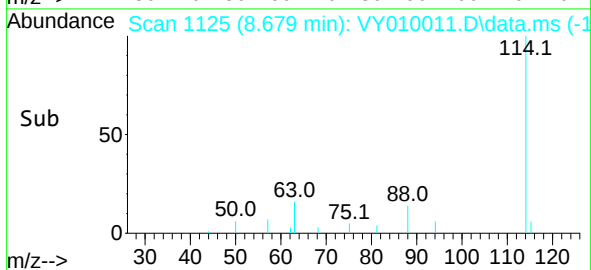
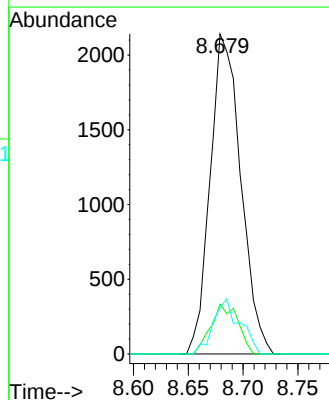
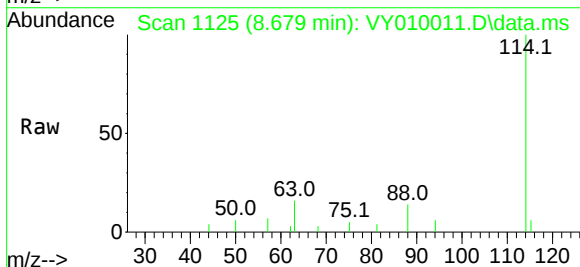
Tgt Ion: 114 Resp: 4162

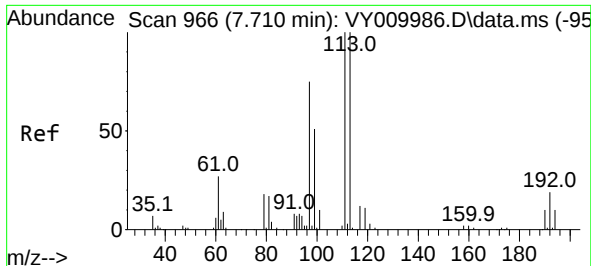
Ion Ratio Lower Upper

114 100

63 15.6 0.0 38.0

88 14.5 0.0 30.0

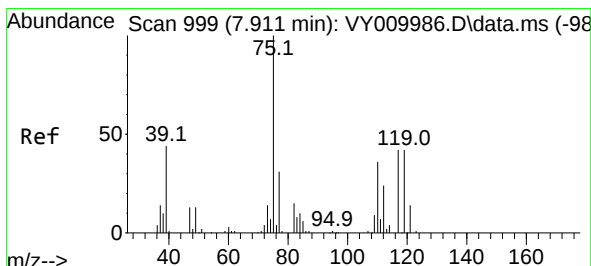
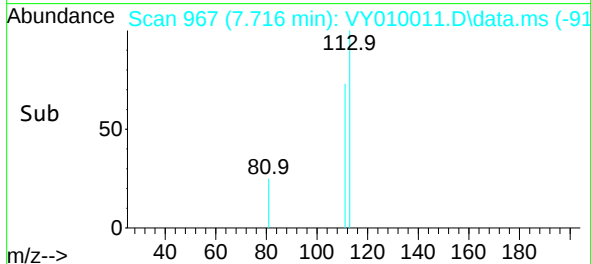
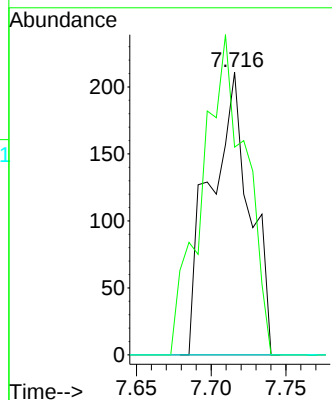
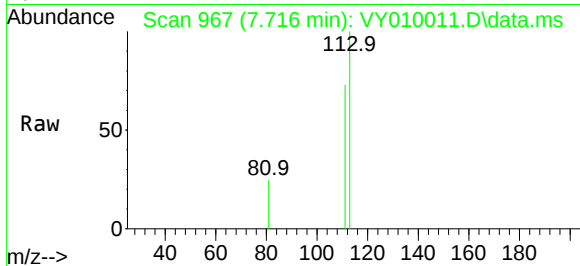




#35
 Dibromofluoromethane
 Concen: 15.271 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY010011.D
 Acq: 14 Aug 2022 20:37

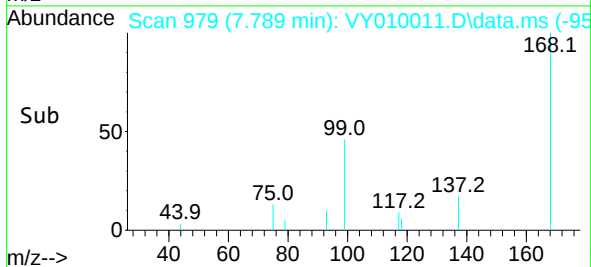
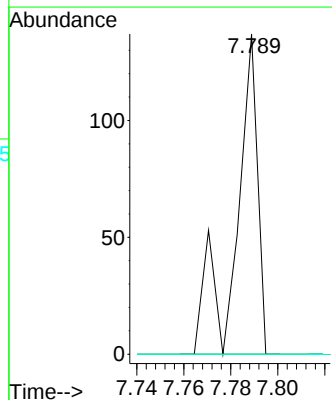
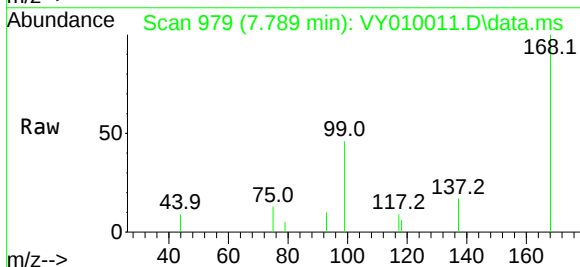
Instrument :
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 ClientSampleId :
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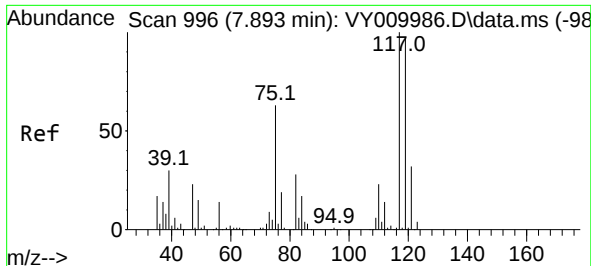
Tgt Ion:113 Resp: 389
 Ion Ratio Lower Upper
 113 100
 111 124.7 80.6 120.8#
 192 0.0 16.2 24.4#



#36
 1,1-Dichloropropene
 Concen: 2.320 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY010011.D
 Acq: 14 Aug 2022 20:37

Tgt Ion: 75 Resp: 88
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 56.0#
 77 0.0 25.0 37.4#

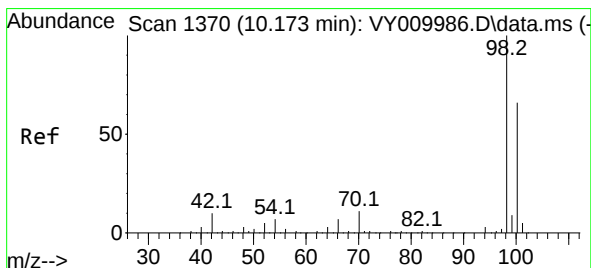
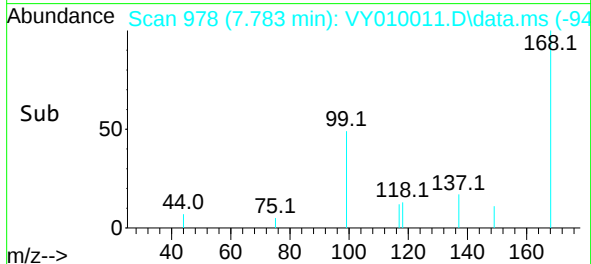
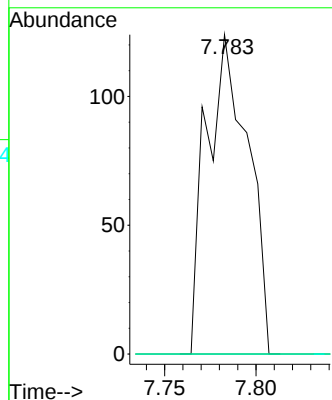
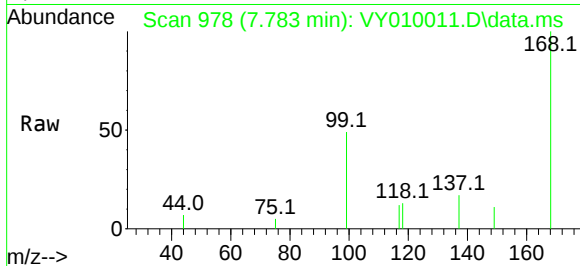




#38
Carbon Tetrachloride
Concen: 5.204 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

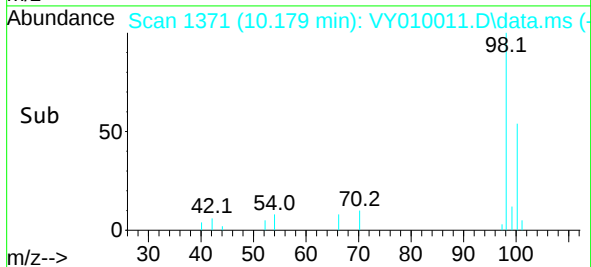
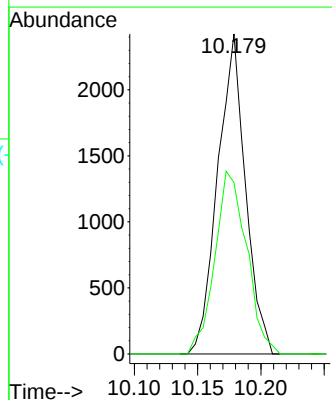
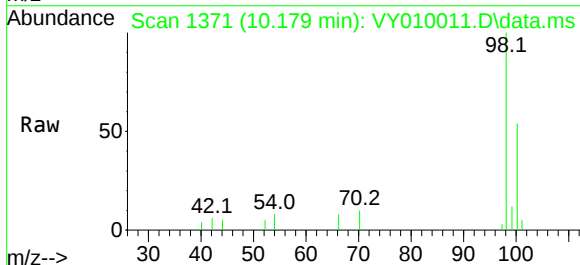
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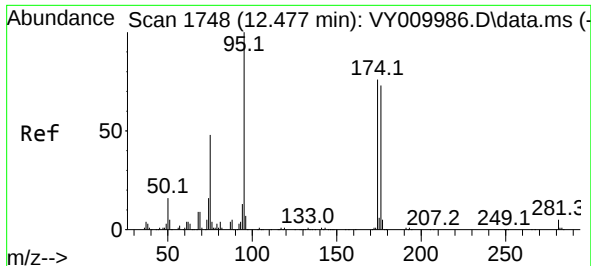
Tgt Ion:117 Resp: 197
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 37.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion: 98 Resp: 3698
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

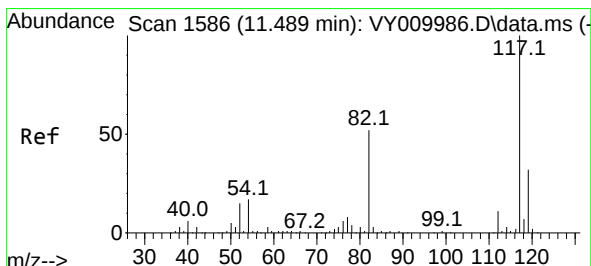
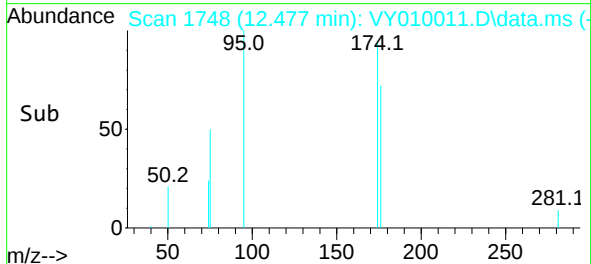
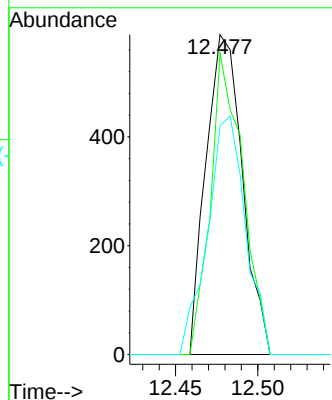
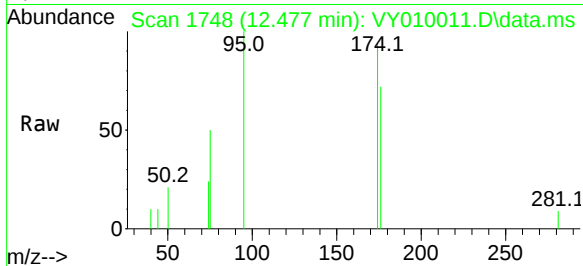




#62
4-Bromofluorobenzene
Concen: 25.307 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

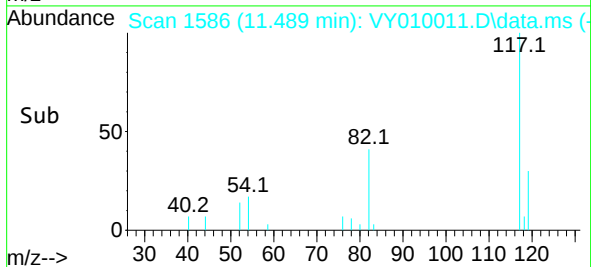
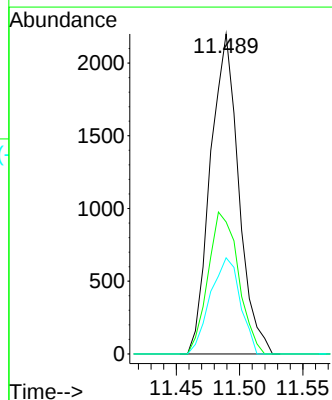
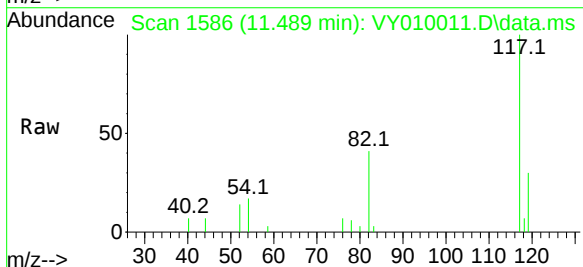
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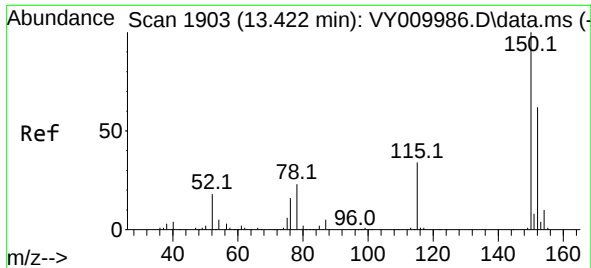
Tgt Ion:	95	Resp:	905
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	173.8
176	77.5	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010011.D
Acq: 14 Aug 2022 20:37

Tgt Ion:	117	Resp:	3421
Ion	Ratio	Lower	Upper
117	100		
82	41.2	41.8	62.6#
119	30.0	25.6	38.4

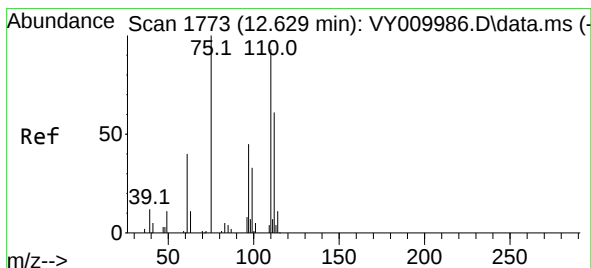
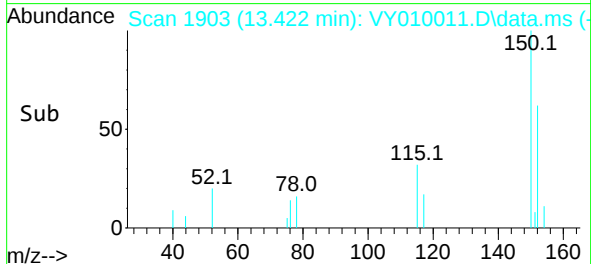
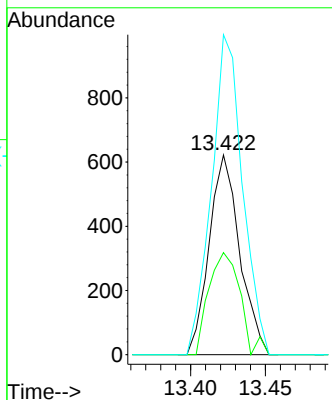
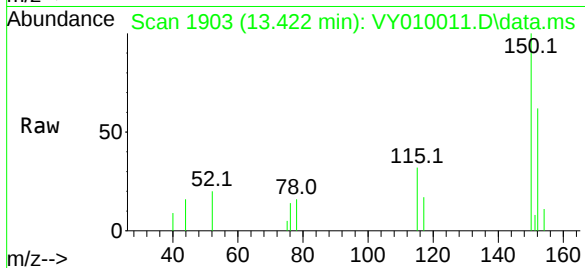




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010011.D
 Acq: 14 Aug 2022 20:37

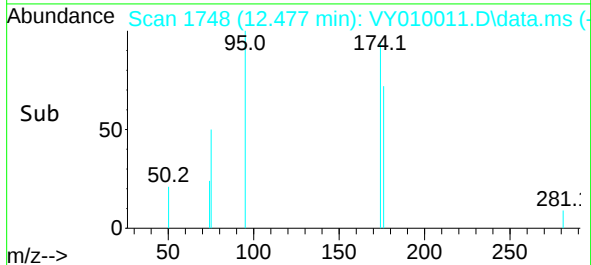
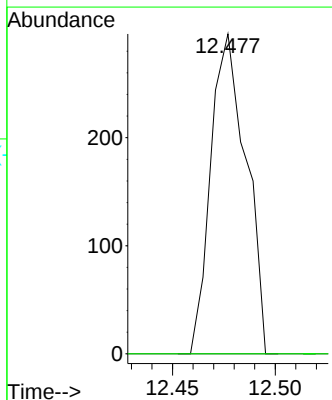
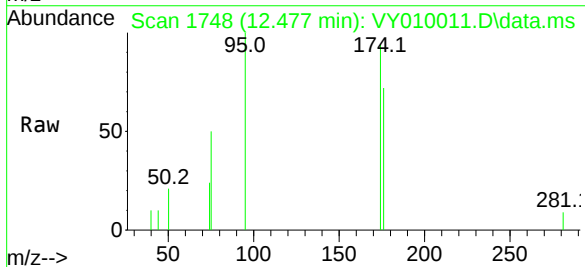
Instrument :
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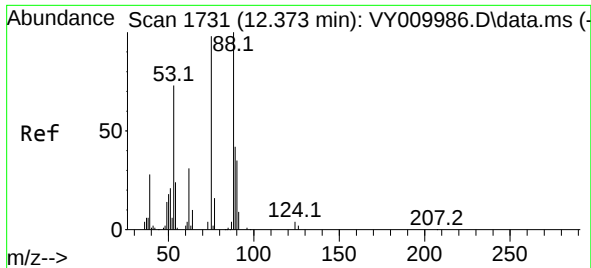
Tgt Ion:152 Resp: 882
 Ion Ratio Lower Upper
 152 100
 115 52.5 28.6 85.9
 150 163.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 34.732 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010011.D
 Acq: 14 Aug 2022 20:37

Tgt Ion: 75 Resp: 354
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.501 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010011.D
 Acq: 14 Aug 2022 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17

Tgt Ion: 75 Resp: 354
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

