

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010015.D
 Acq On : 14 Aug 2022 22:11
 Operator : KP/MD
 Sample : N4189-19
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB11

Quant Time: Aug 15 00:42:58 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)

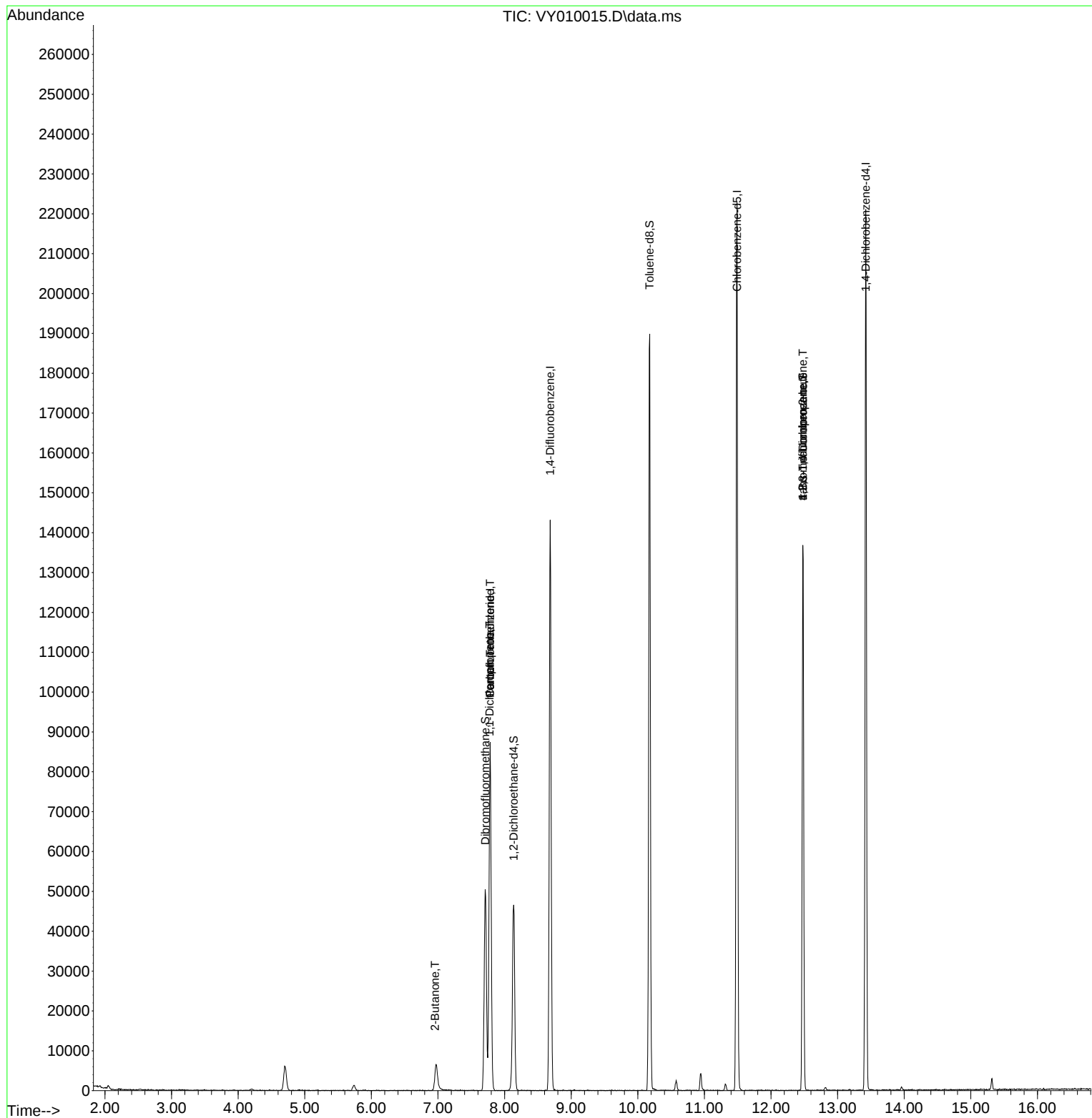
Internal Standards						
1) Pentafluorobenzene	7.783	168	68224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37834	54.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.340%	
35) Dibromofluoromethane	7.710	113	36934	46.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.700%	
50) Toluene-d8	10.179	98	131169	42.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.920%	
62) 4-Bromofluorobenzene	12.477	95	43820	39.176	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	101	Below Cal	#	78
18) Methyl Acetate	4.473	43	79	Below Cal	#	52
25) 2-Butanone	6.954	43	272	1.055	ug/l #	48
36) 1,1-Dichloropropene	7.777	75	4636	3.907	ug/l #	47
38) Carbon Tetrachloride	7.783	117	6799	5.742	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	20680	30.417	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20680	66.120	ug/l #	13

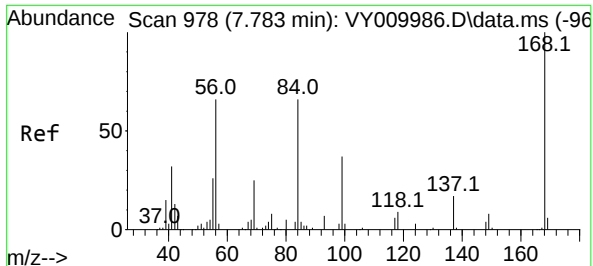
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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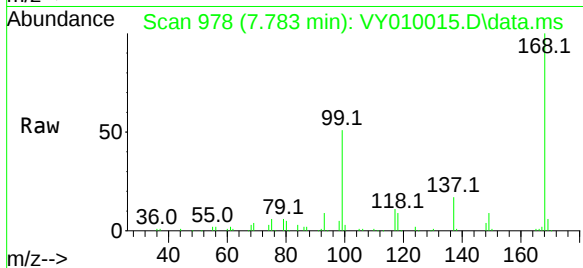
Quant Time: Aug 15 00:42:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration



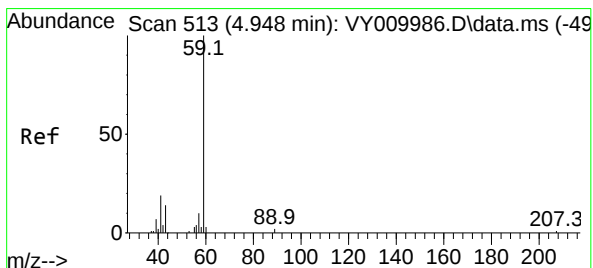
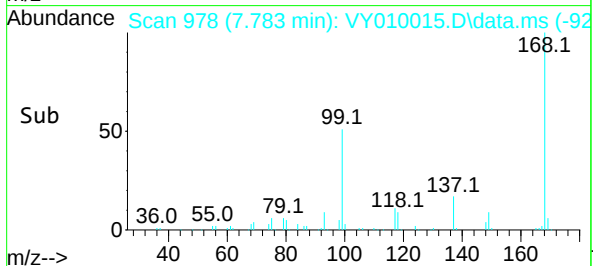
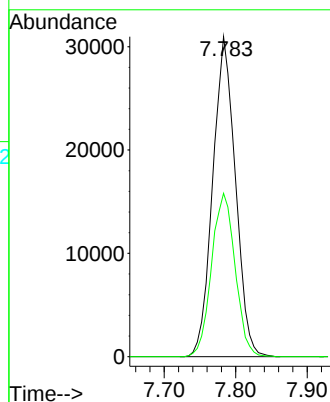


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

Instrument :
MSVOA_Y
ClientSampleId :
SB11

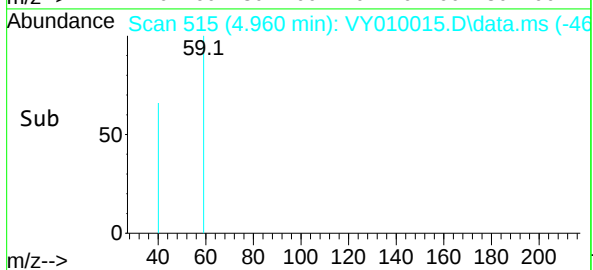
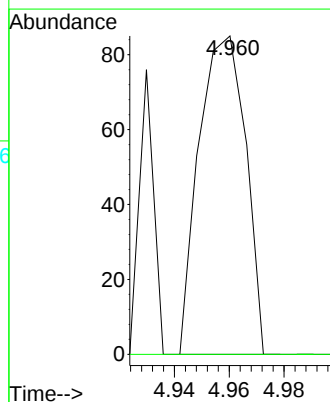
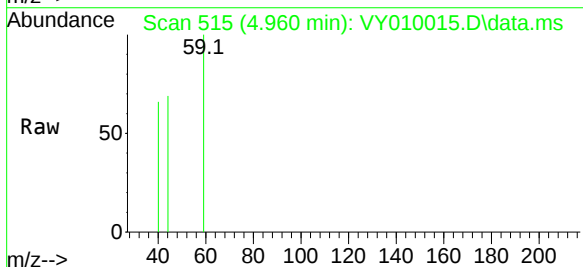


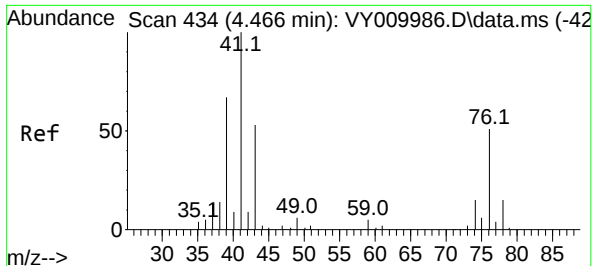
Tgt Ion:168 Resp: 68224
Ion Ratio Lower Upper
168 100
99 51.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

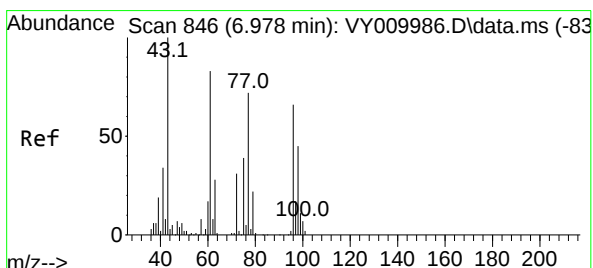
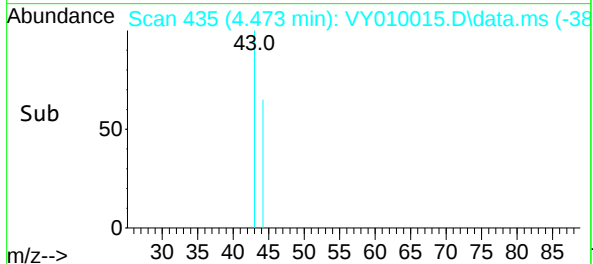
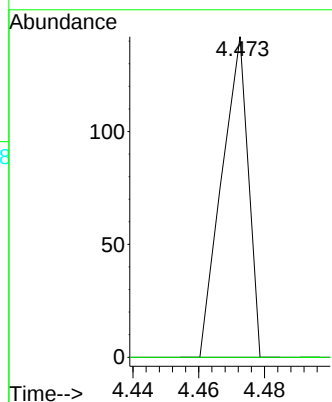
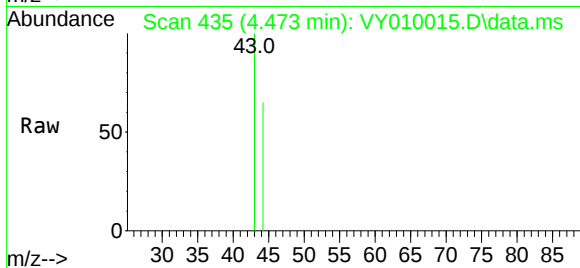
SB11

Tgt Ion: 43 Resp: 79

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#



#25

2-Butanone

Concen: 1.055 ug/l

RT: 6.954 min Scan# 842

Delta R.T. -0.024 min

Lab File: VY010015.D

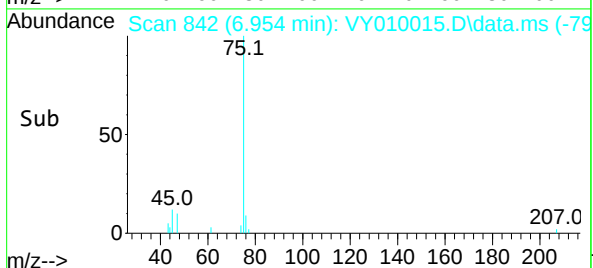
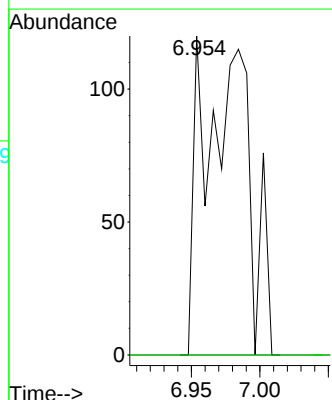
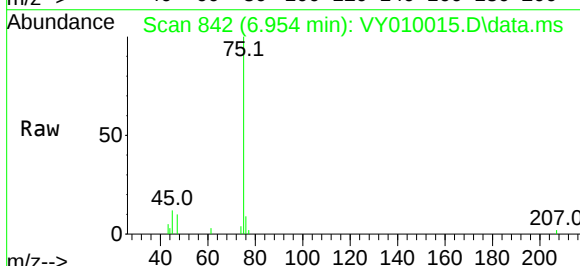
Acq: 14 Aug 2022 22:11

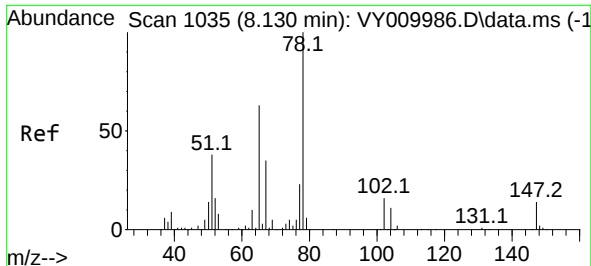
Tgt Ion: 43 Resp: 272

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#





#33

1,2-Dichloroethane-d4

Concen: 54.668 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

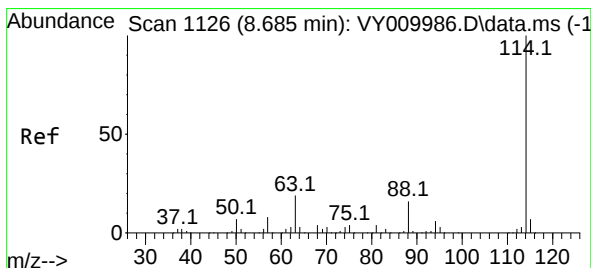
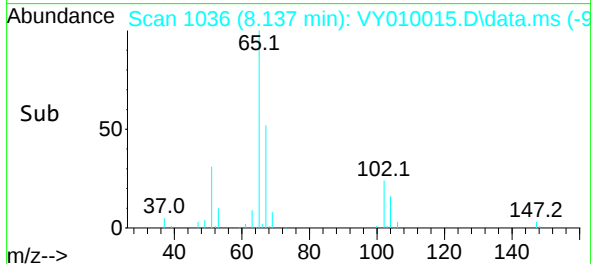
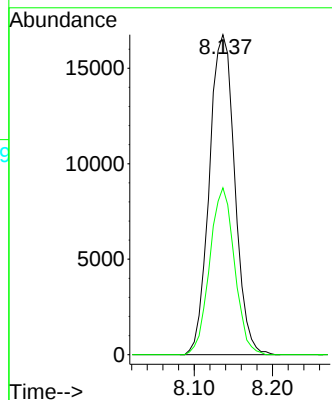
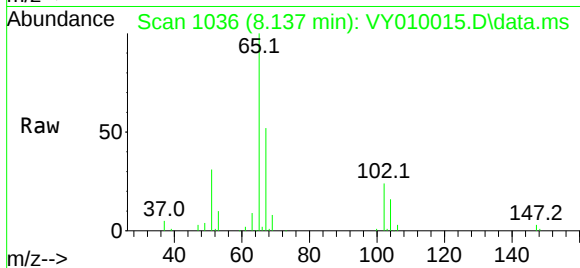
SB11

Tgt Ion: 65 Resp: 37834

Ion Ratio Lower Upper

65 100

67 50.8 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: VY010015.D

Acq: 14 Aug 2022 22:11

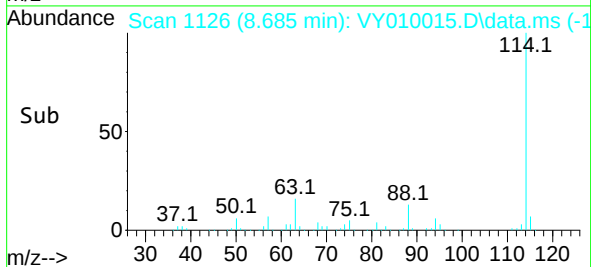
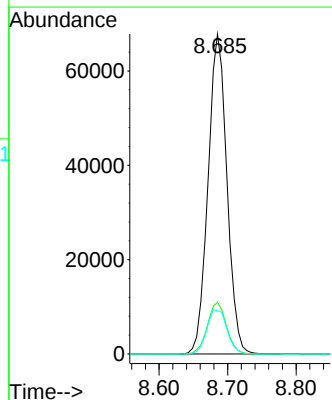
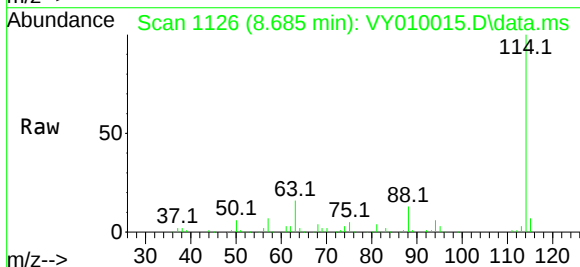
Tgt Ion: 114 Resp: 130182

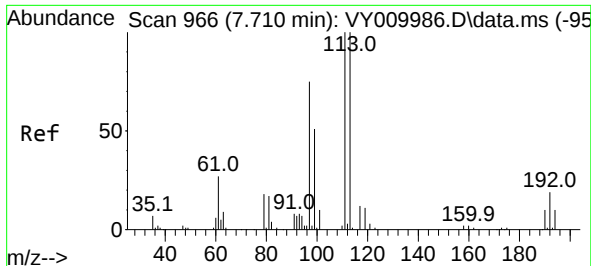
Ion Ratio Lower Upper

114 100

63 16.1 0.0 38.0

88 13.5 0.0 30.0

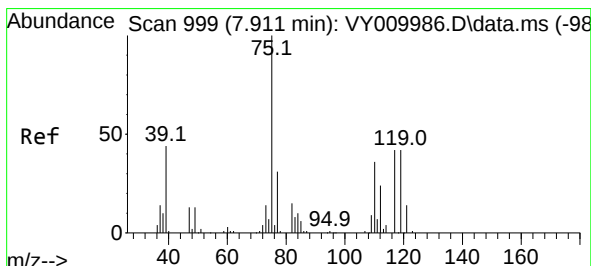
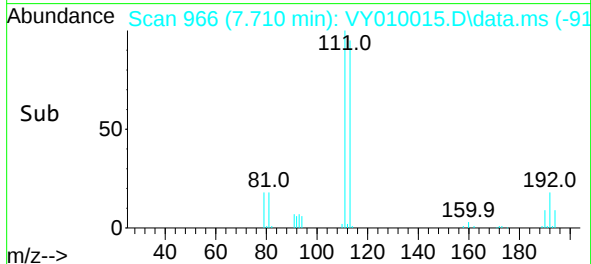
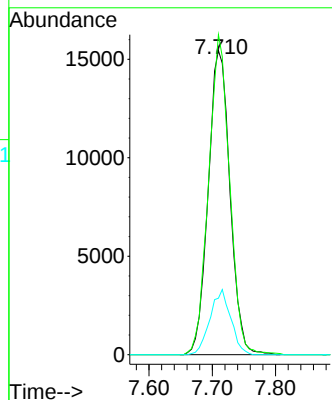
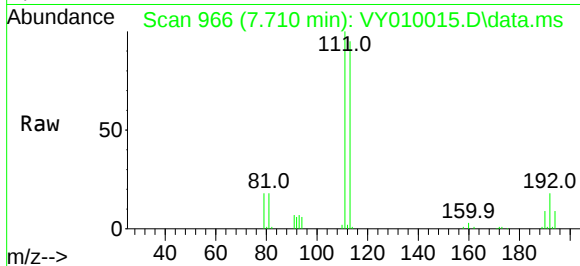




#35
 Dibromofluoromethane
 Concen: 46.355 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VY010015.D
 Acq: 14 Aug 2022 22:11

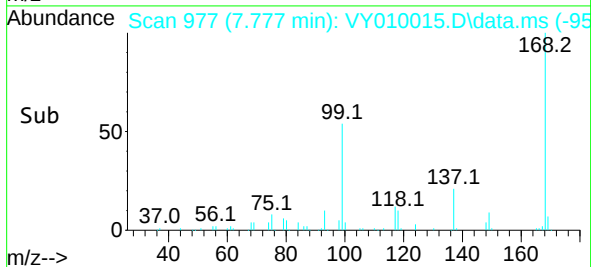
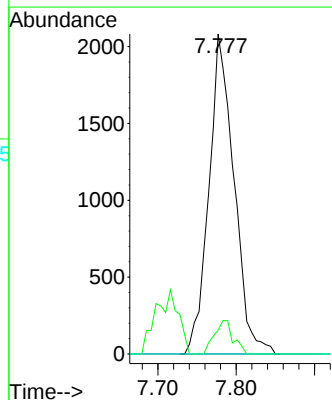
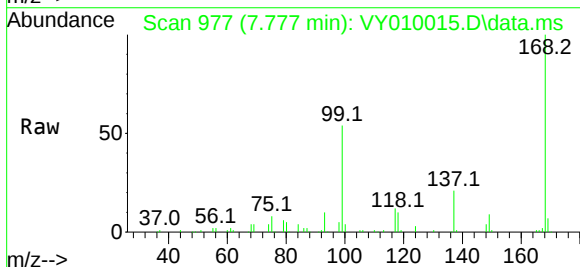
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB11

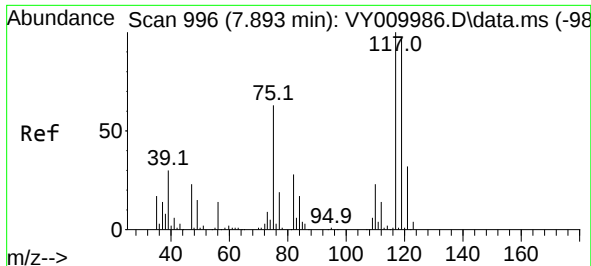
Tgt Ion:113 Resp: 36934
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.6 120.8
 192 20.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 3.907 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.134 min
 Lab File: VY010015.D
 Acq: 14 Aug 2022 22:11

Tgt Ion: 75 Resp: 4636
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.6 56.0#
 77 0.0 25.0 37.4#

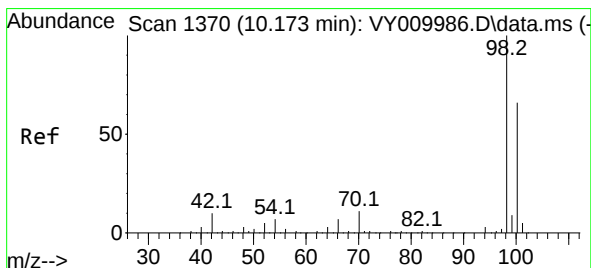
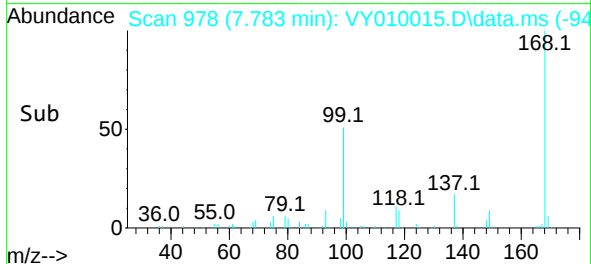
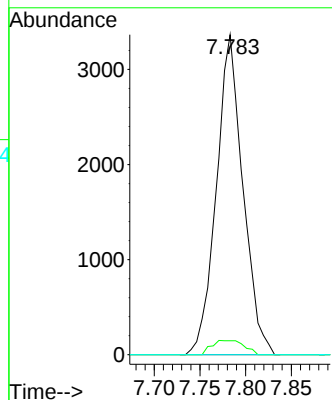
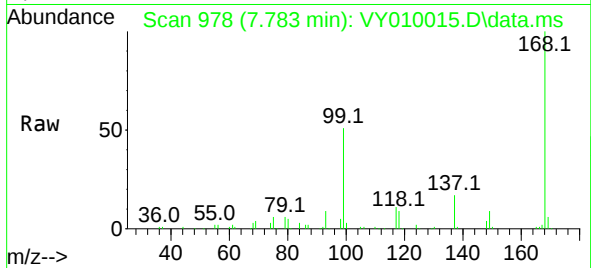




#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

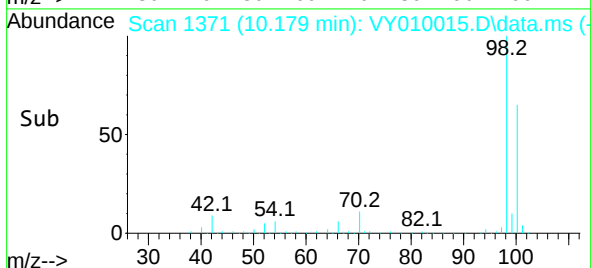
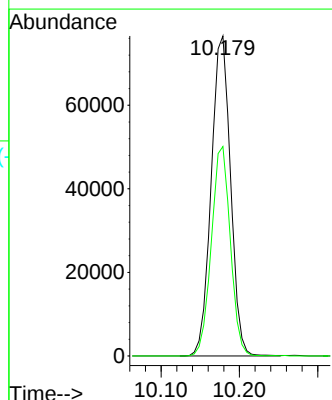
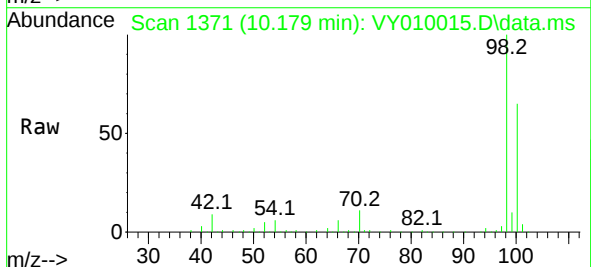
Instrument :
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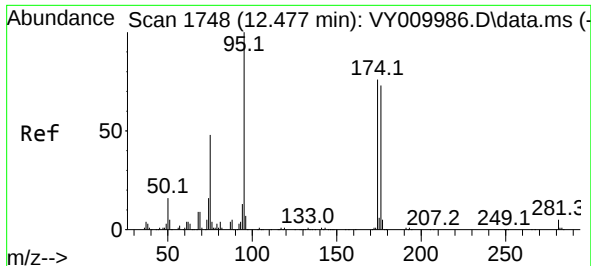
Tgt Ion:117 Resp: 6799
Ion Ratio Lower Upper
117 100
119 4.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.965 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010015.D
Acq: 14 Aug 2022 22:11

Tgt Ion: 98 Resp: 131169
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 39.176 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

Instrument :

MSVOA_Y

ClientSampleId :

SB11

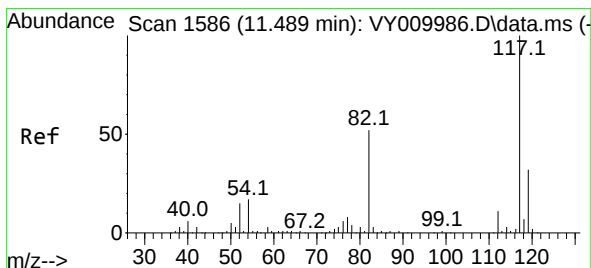
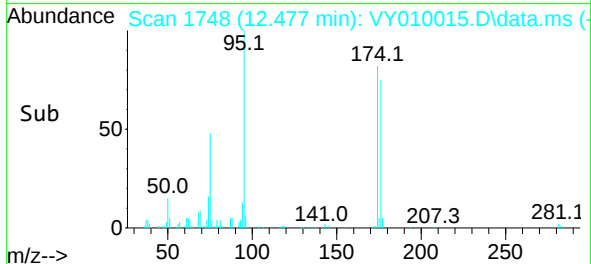
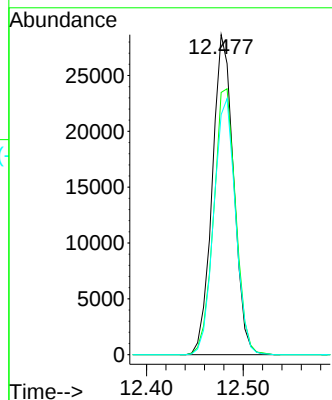
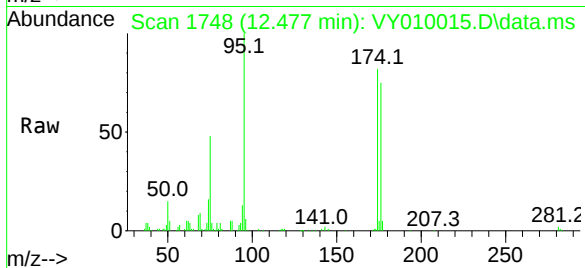
Tgt Ion: 95 Resp: 43820

Ion Ratio Lower Upper

95 100

174 85.6 0.0 173.8

176 81.3 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010015.D

Acq: 14 Aug 2022 22:11

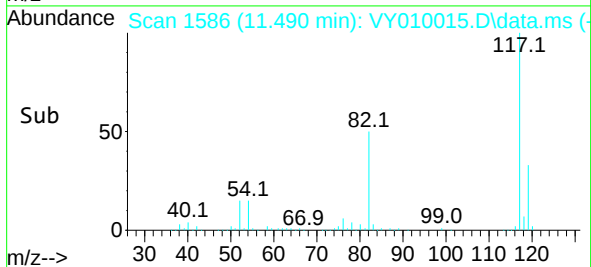
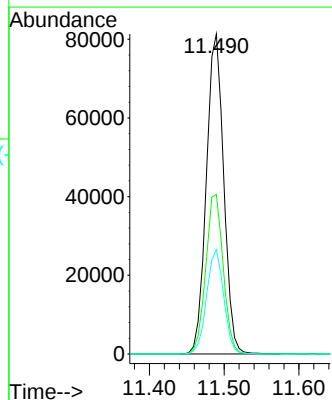
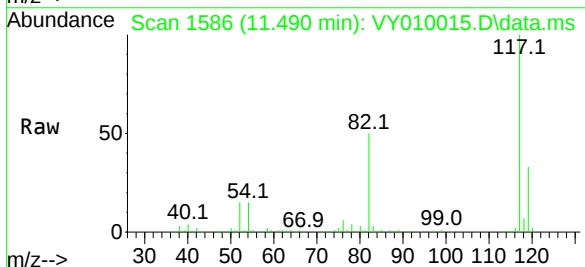
Tgt Ion: 117 Resp: 131022

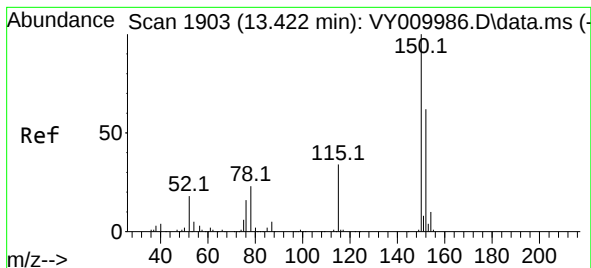
Ion Ratio Lower Upper

117 100

82 49.8 41.8 62.6

119 32.6 25.6 38.4

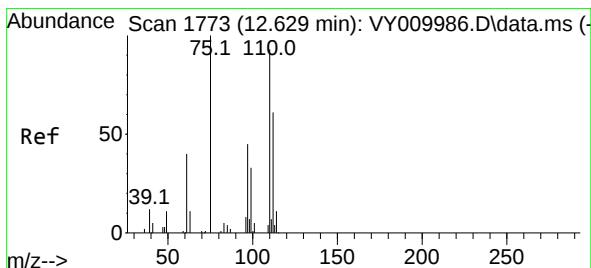
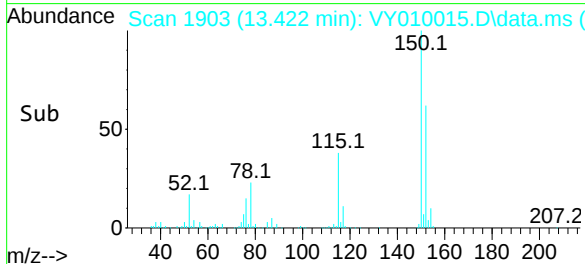
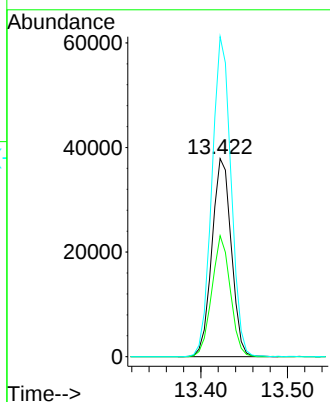
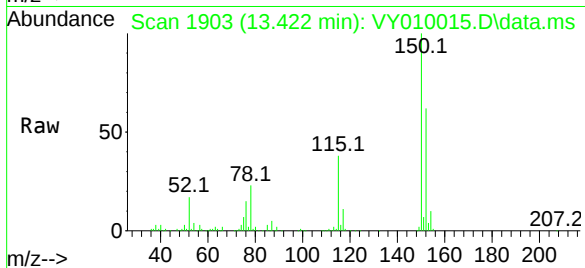




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010015.D
 Acq: 14 Aug 2022 22:11

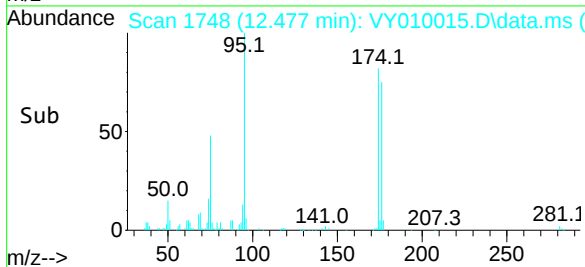
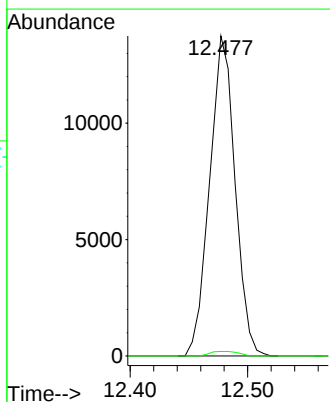
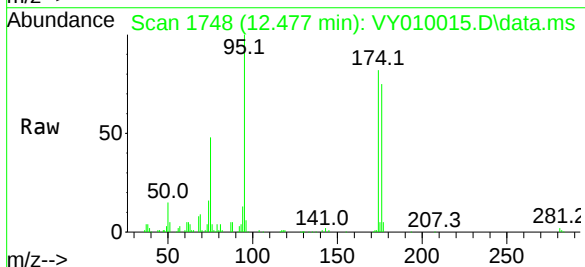
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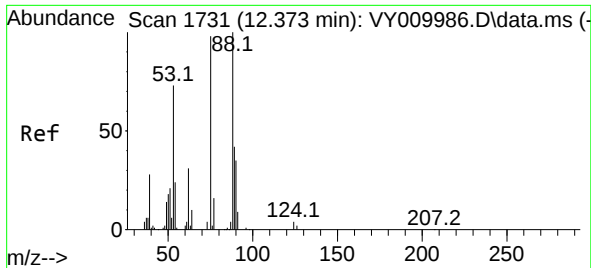
Tgt Ion:152 Resp: 58835
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.6 85.9
 150 159.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.417 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010015.D
 Acq: 14 Aug 2022 22:11

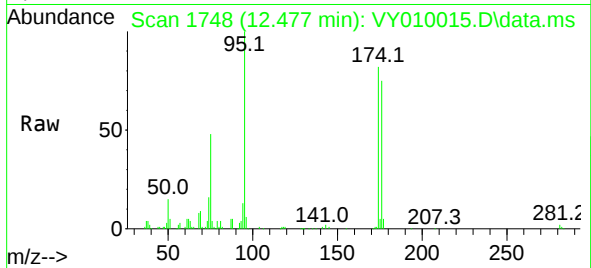
Tgt Ion: 75 Resp: 20680
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.120 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010015.D
 Acq: 14 Aug 2022 22:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB11



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

