

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009974.D
 Acq On : 11 Aug 2022 19:18
 Operator : KP/MD
 Sample : N4064-06RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14RE

Quant Time: Aug 12 02:50:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

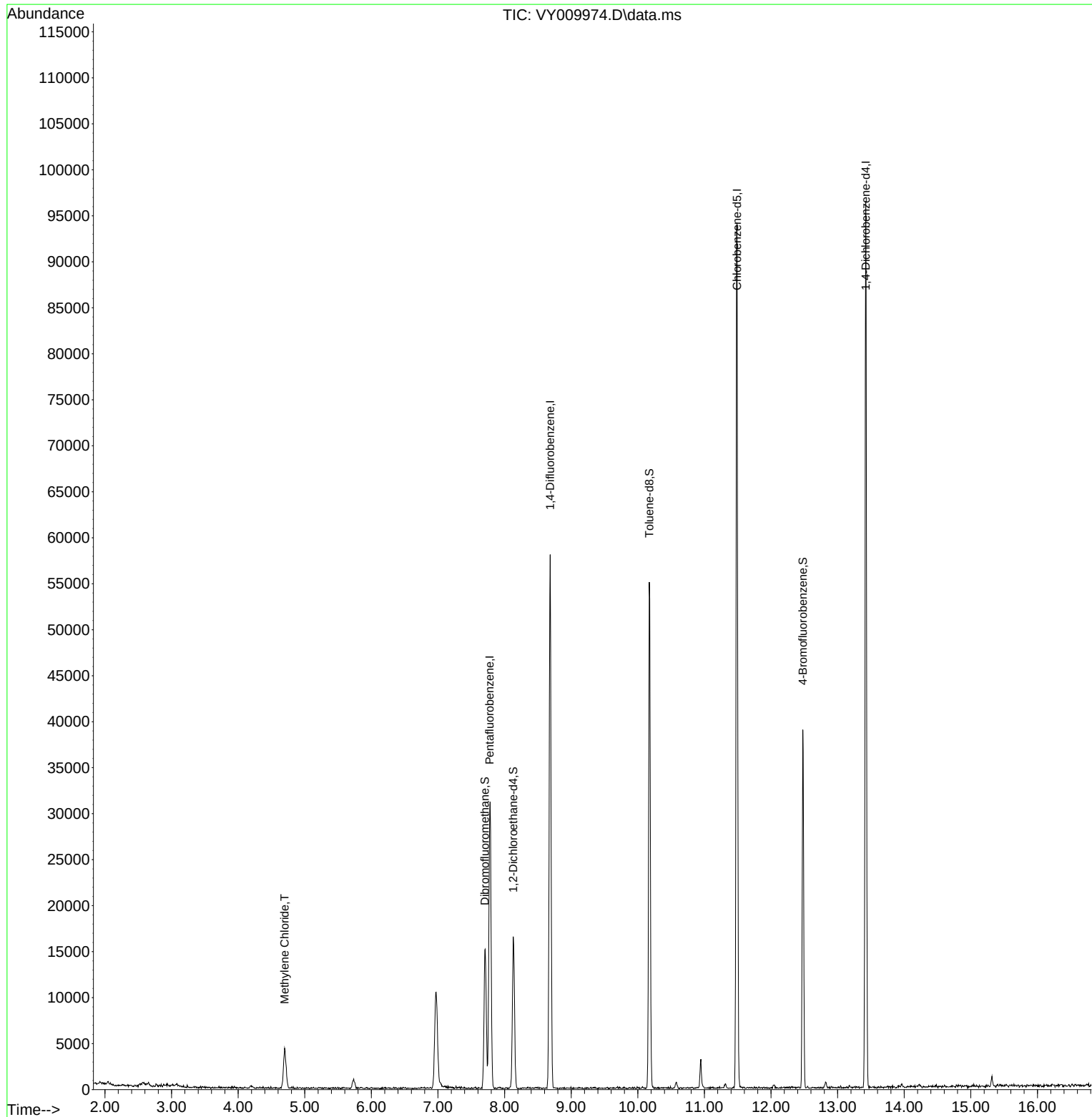
Internal Standards						
1) Pentafluorobenzene	7.776	168	23983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	48832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	11870	65.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.760%	
35) Dibromofluoromethane	7.703	113	10802	38.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.900%	
50) Toluene-d8	10.172	98	35979	42.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.940%	
62) 4-Bromofluorobenzene	12.477	95	11407	28.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	2969	6.262	ug/l	87

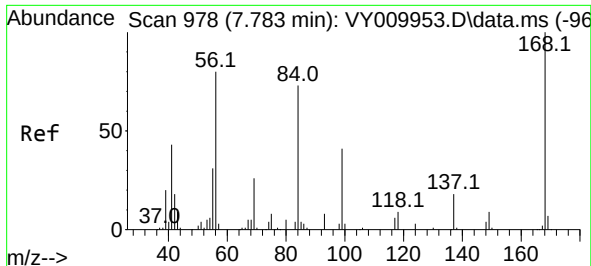
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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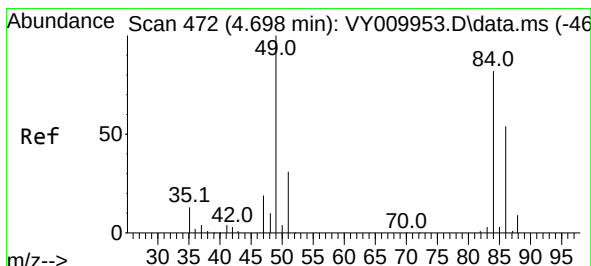
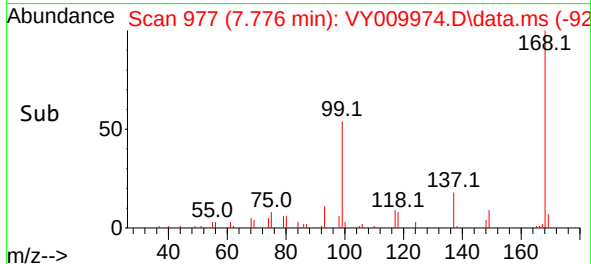
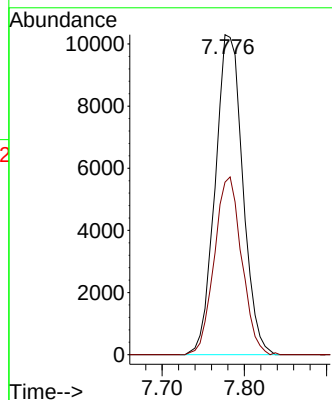
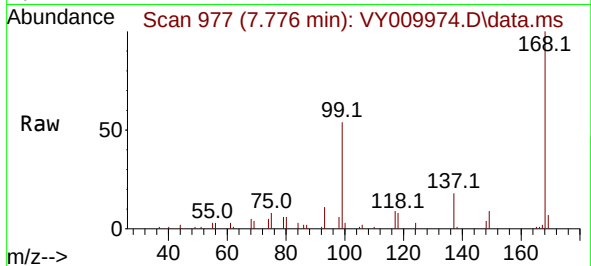




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY009974.D
Acq: 11 Aug 2022 19:18

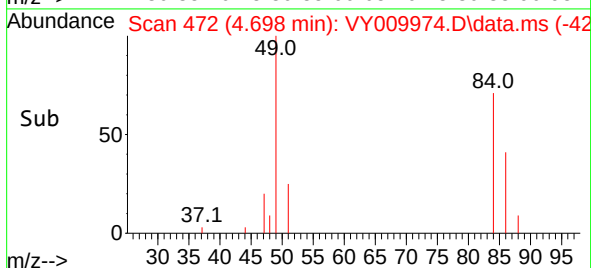
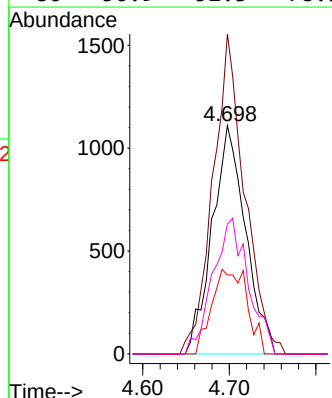
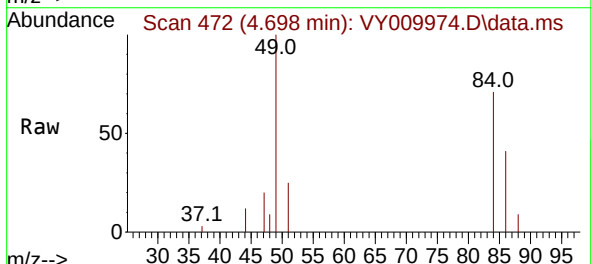
Instrument :
MSVOA_Y
ClientSampleId :
SB-14RE

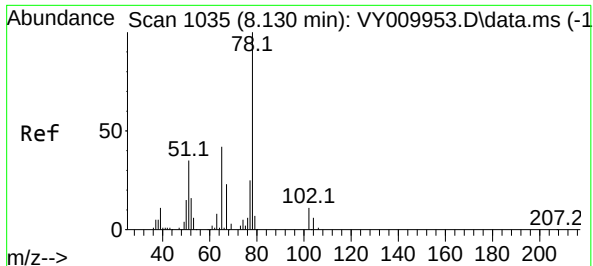
Tgt Ion:168 Resp: 23983
Ion Ratio Lower Upper
168 100
99 53.9 42.1 63.1



#20
Methylene Chloride
Concen: 6.262 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009974.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 84 Resp: 2969
Ion Ratio Lower Upper
84 100
49 140.1 98.2 147.4
51 34.5 33.4 50.0
86 56.9 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 65.375 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009974.D

Acq: 11 Aug 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

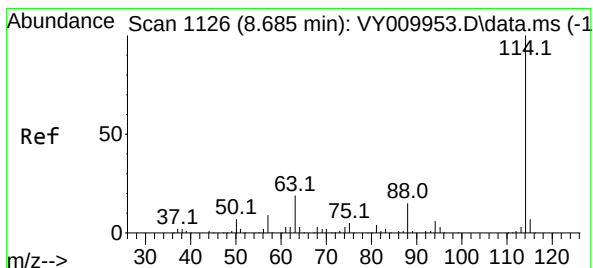
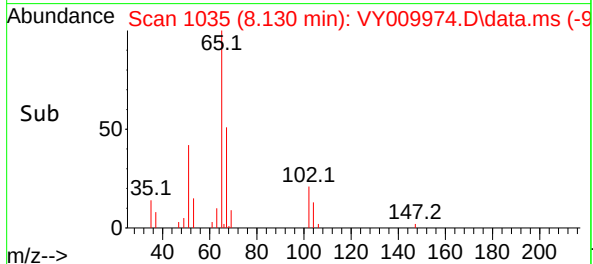
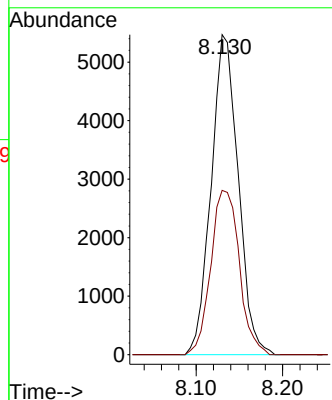
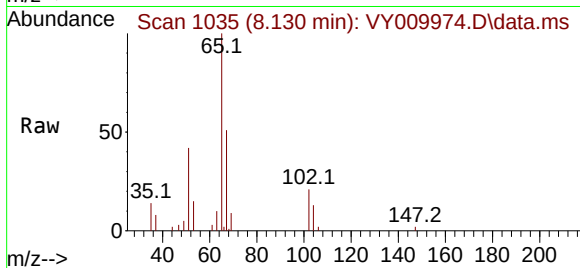
SB-14RE

Tgt Ion: 65 Resp: 11870

Ion Ratio Lower Upper

65 100

67 54.1 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: VY009974.D

Acq: 11 Aug 2022 19:18

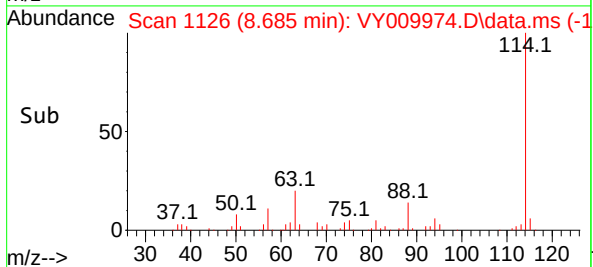
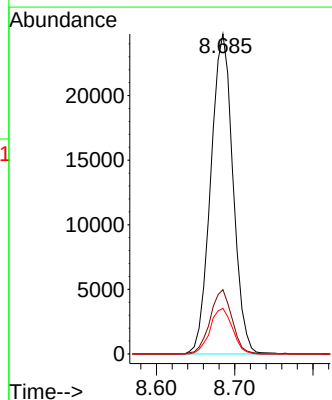
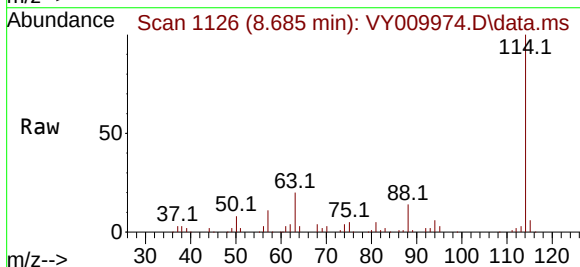
Tgt Ion: 114 Resp: 48832

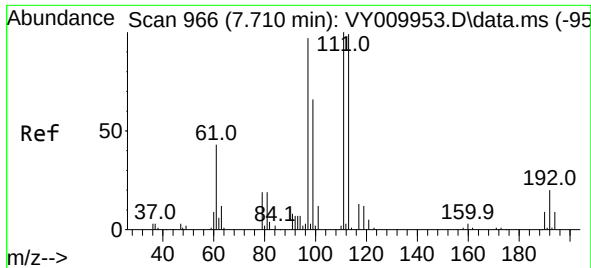
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 14.3 0.0 30.0

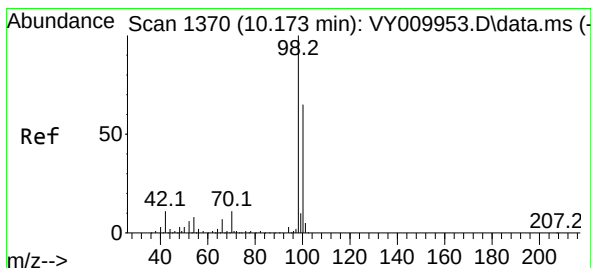
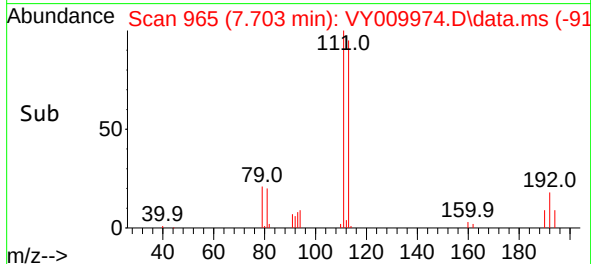
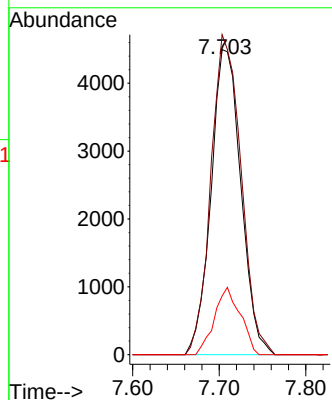
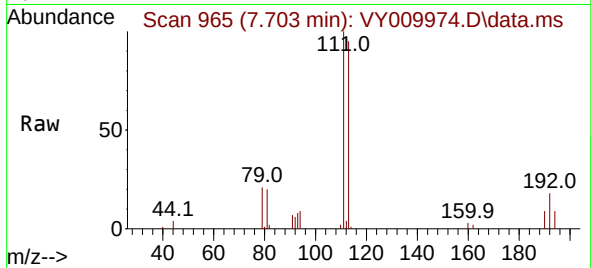




#35
 Dibromofluoromethane
 Concen: 38.446 ug/l
 RT: 7.703 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VY009974.D
 Acq: 11 Aug 2022 19:18

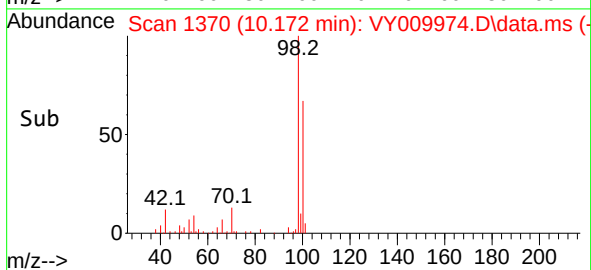
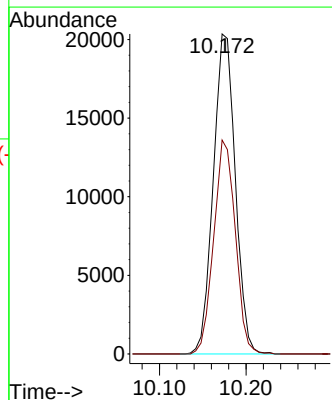
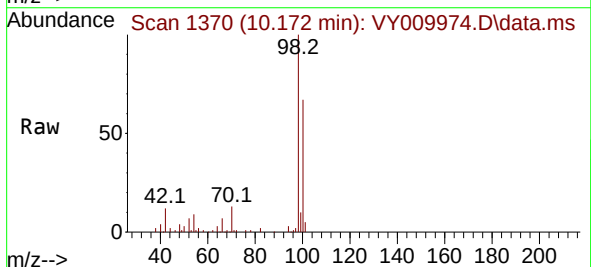
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14RE

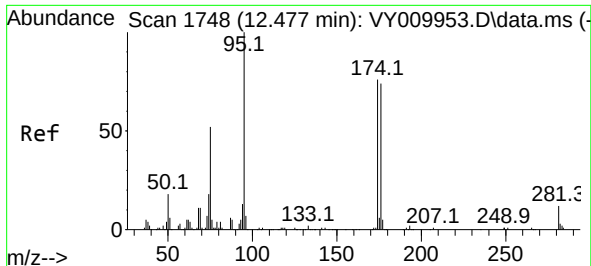
Tgt Ion:113 Resp: 10802
 Ion Ratio Lower Upper
 113 100
 111 105.4 80.6 120.8
 192 19.1 16.2 24.4



#50
 Toluene-d8
 Concen: 42.969 ug/l
 RT: 10.172 min Scan# 1370
 Delta R.T. -0.001 min
 Lab File: VY009974.D
 Acq: 11 Aug 2022 19:18

Tgt Ion: 98 Resp: 35979
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.9 79.3

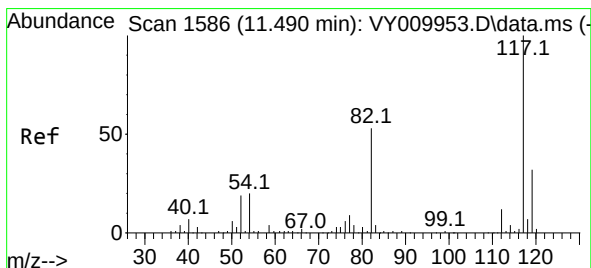
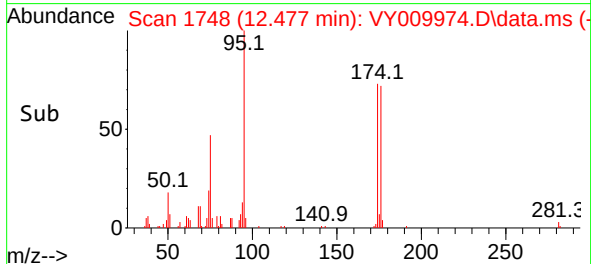
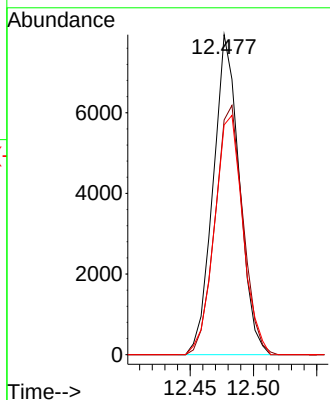
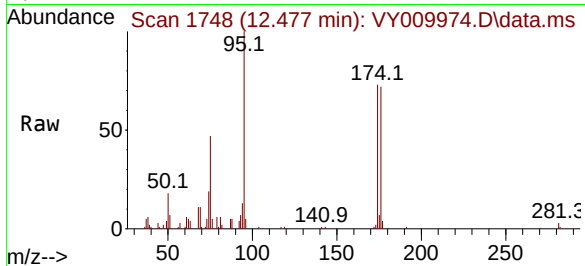




#62
4-Bromofluorobenzene
Concen: 28.879 ug/l
RT: 12.477 min Scan# 11407
Delta R.T. -0.000 min
Lab File: VY009974.D
Acq: 11 Aug 2022 19:18

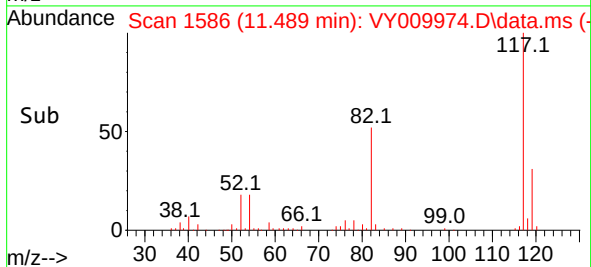
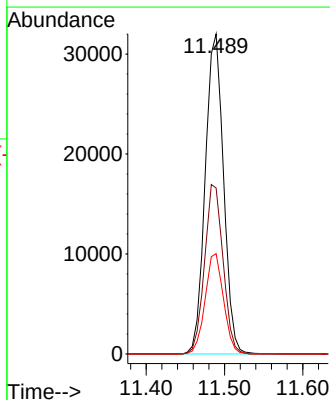
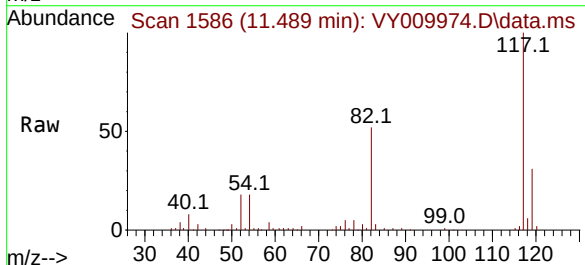
Instrument :
MSVOA_Y
ClientSampleId :
SB-14RE

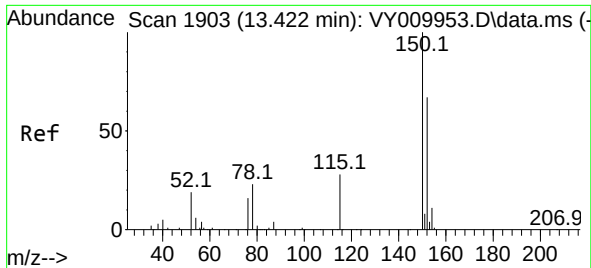
Tgt Ion: 95 Resp: 11407
Ion Ratio Lower Upper
95 100
174 83.3 0.0 173.8
176 81.1 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009974.D
Acq: 11 Aug 2022 19:18

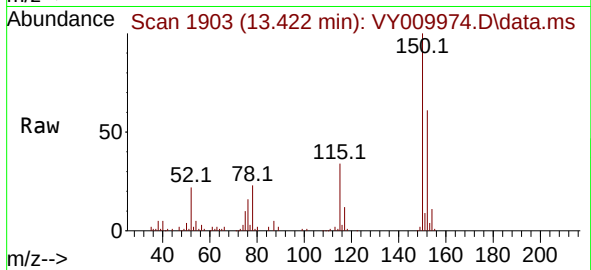
Tgt Ion: 117 Resp: 51874
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009974.D
 Acq: 11 Aug 2022 19:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14RE



Tgt Ion:	152	Resp:	24211
Ion Ratio	Lower	Upper	
152	100		
115	55.7	28.6	85.9
150	160.1	0.0	349.8

