

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011240.D
 Acq On : 01 Nov 2022 23:38
 Operator : KP/MD
 Sample : N5336-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Nov 02 01:45:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

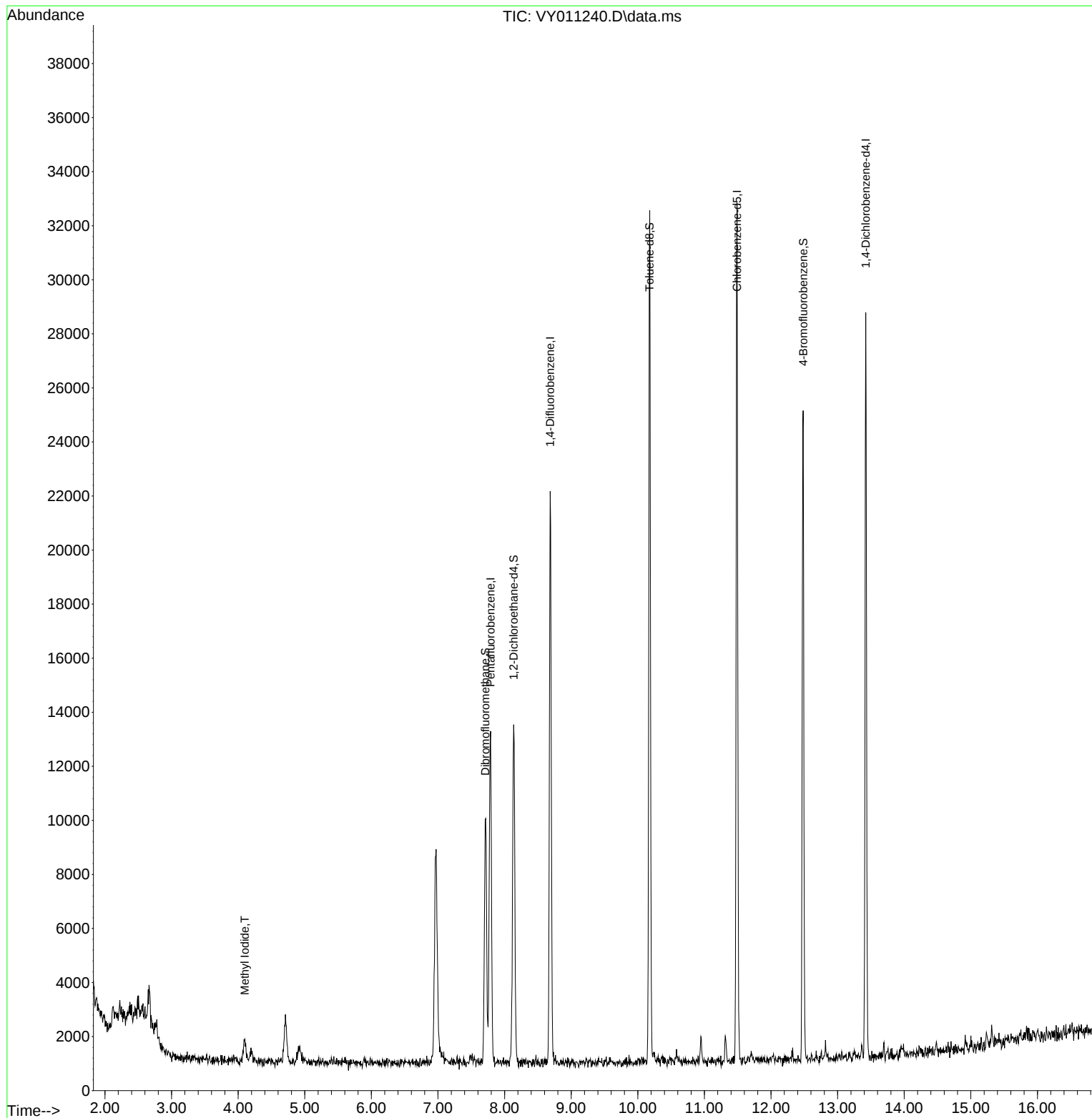
Internal Standards						
1) Pentafluorobenzene	7.789	168	10654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9646	84.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.300%#	
35) Dibromofluoromethane	7.710	113	6787	55.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.179	98	22198	46.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.483	95	8111	48.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.760%	
Target Compounds						Qvalue
10) Methyl Iodide	4.101	142	1448	9.597	ug/l	# 83

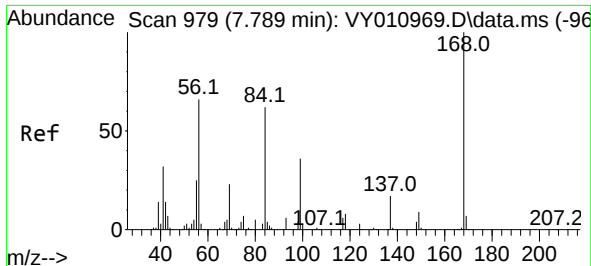
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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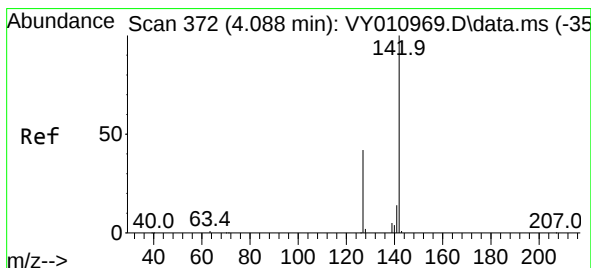
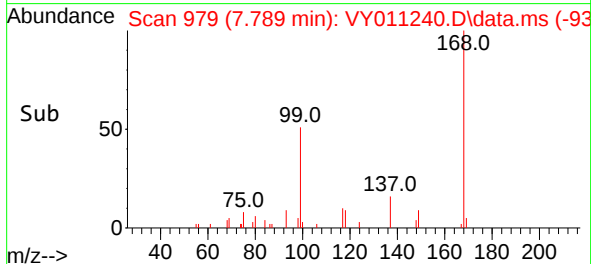
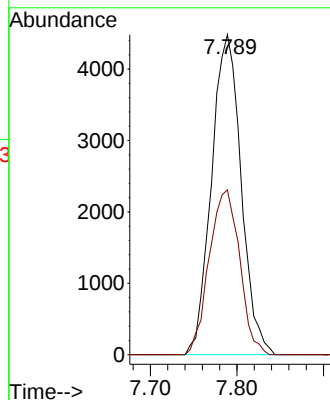
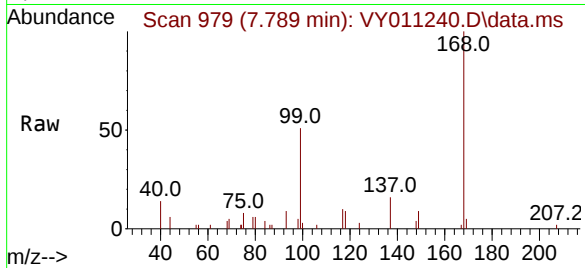




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

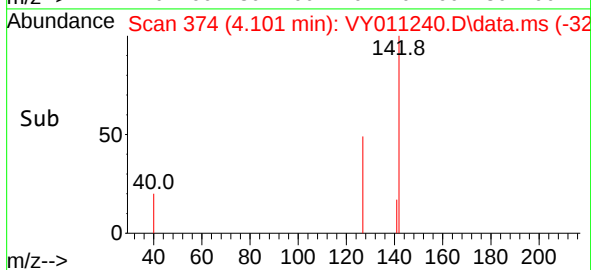
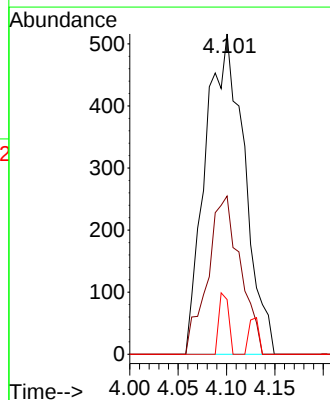
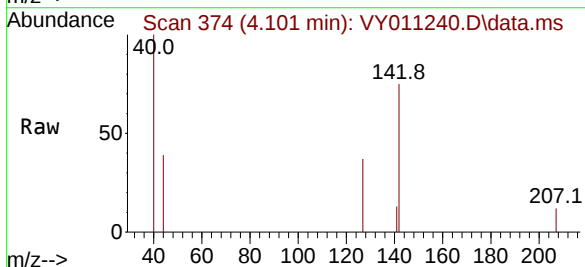
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

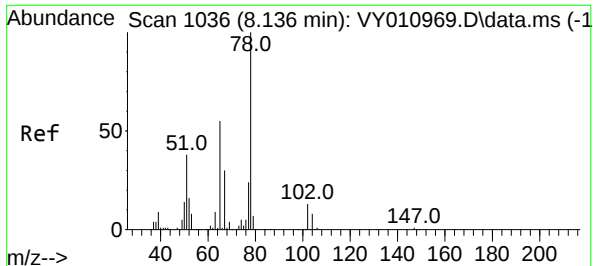
Tgt Ion:168 Resp: 10654
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#10
Methyl Iodide
Concen: 9.597 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
127 41.4 41.5 62.3#
141 4.7 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 84.655 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011240.D

Acq: 01 Nov 2022 23:38

Instrument :

MSVOA_Y

ClientSampleId :

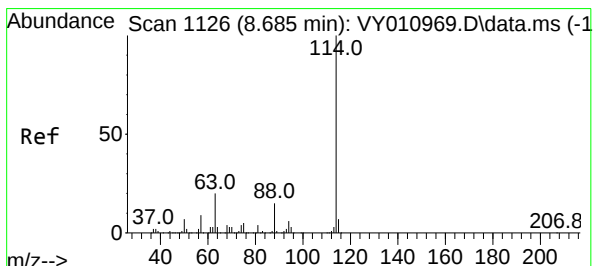
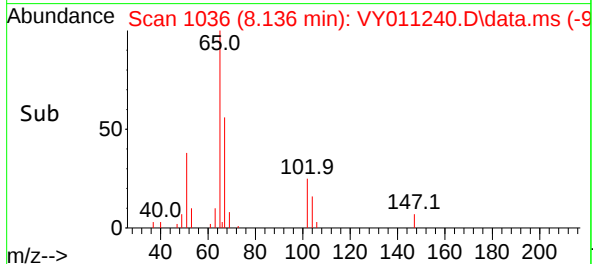
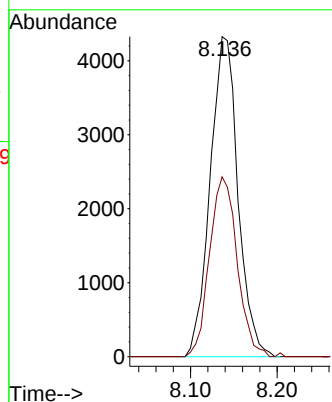
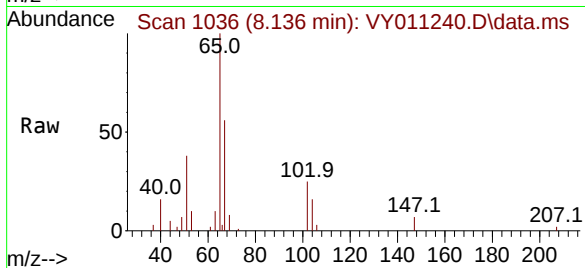
SB-01-0-2.0

Tgt Ion: 65 Resp: 9646

Ion Ratio Lower Upper

65 100

67 55.9 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: VY011240.D

Acq: 01 Nov 2022 23:38

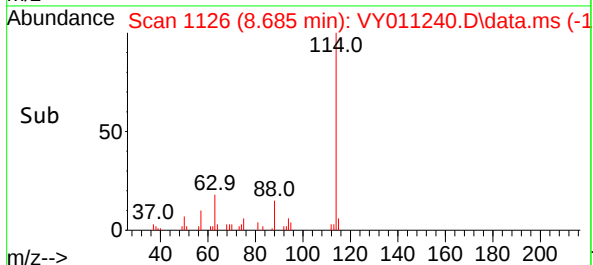
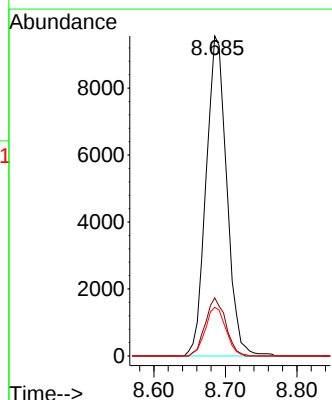
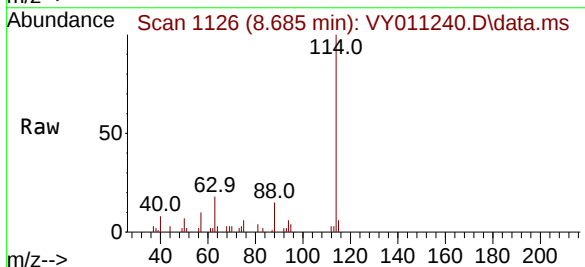
Tgt Ion: 114 Resp: 19160

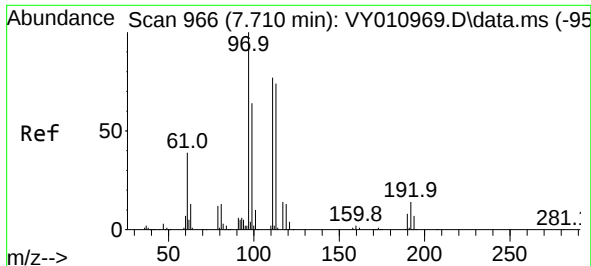
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.2 0.0 31.8

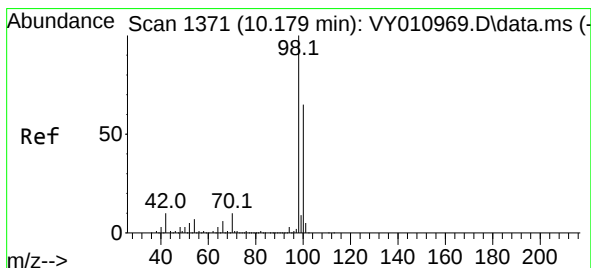
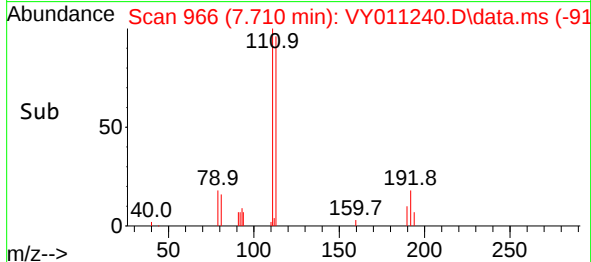
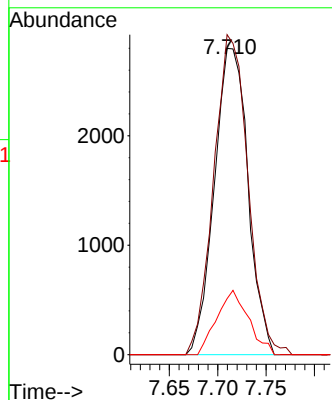
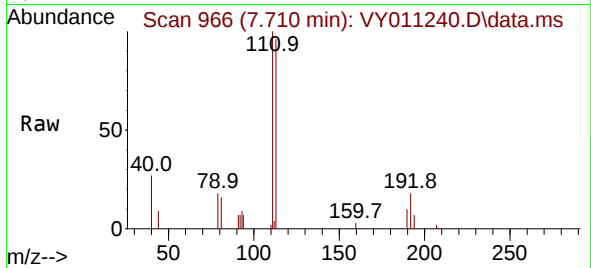




#35
Dibromofluoromethane
Concen: 55.133 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

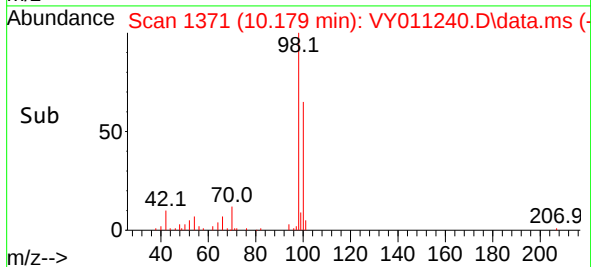
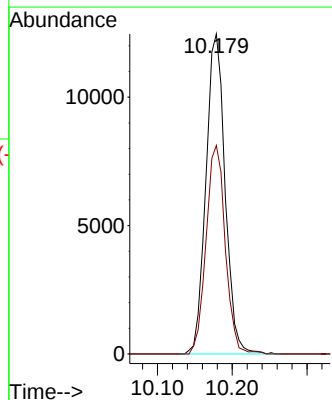
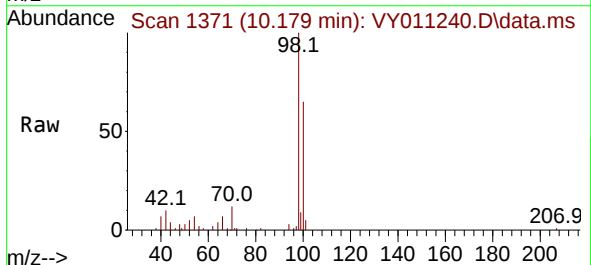
Instrument :
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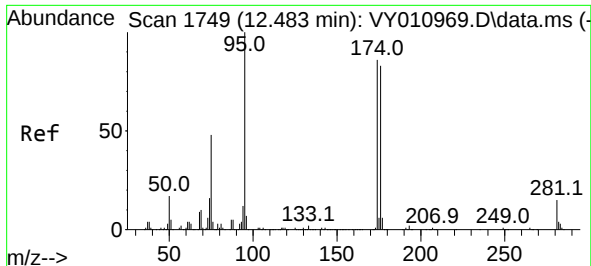
Tgt Ion:113 Resp: 6787
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 46.444 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

Tgt Ion: 98 Resp: 22198
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

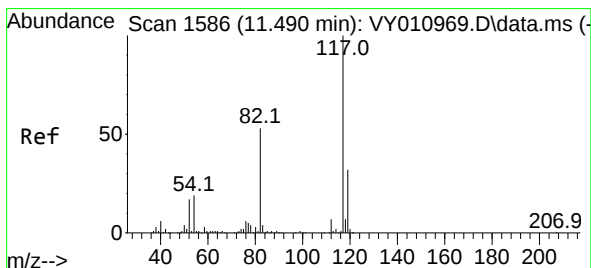
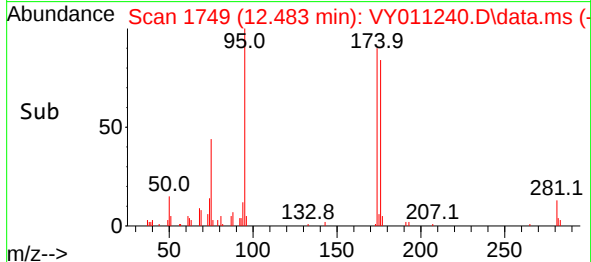
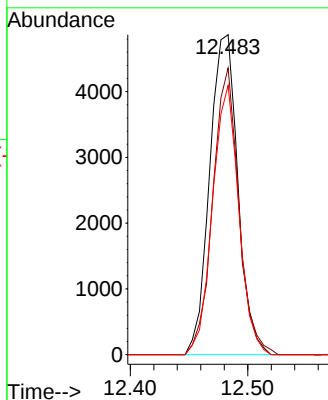
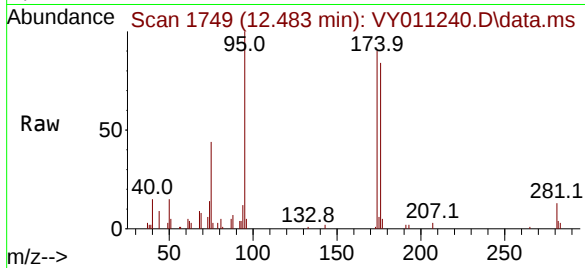




#62
4-Bromofluorobenzene
Concen: 48.883 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

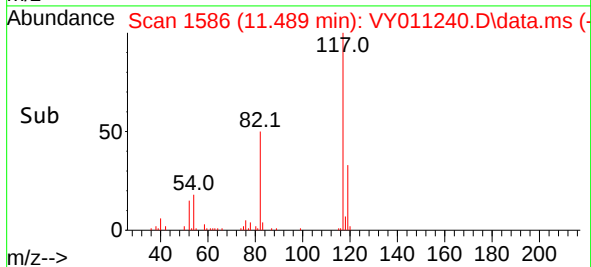
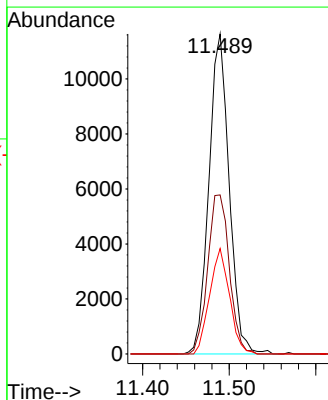
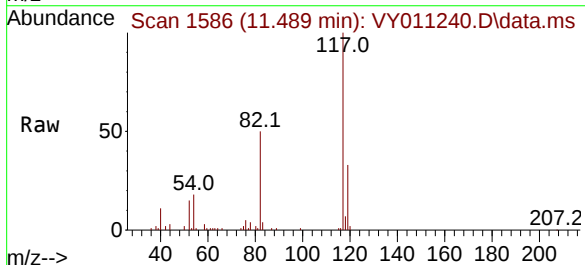
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

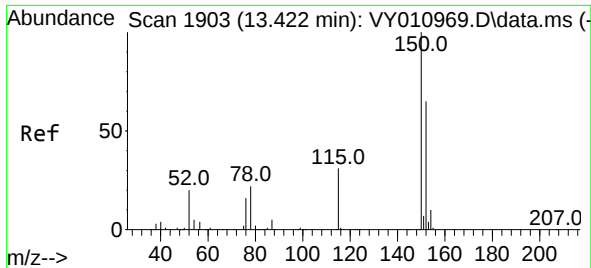
Tgt Ion: 95 Resp: 8111
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 78.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011240.D
Acq: 01 Nov 2022 23:38

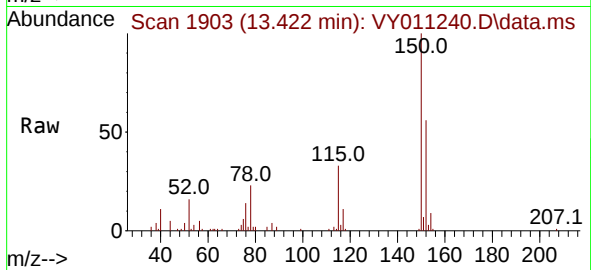
Tgt Ion: 117 Resp: 18914
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 33.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011240.D
 Acq: 01 Nov 2022 23:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0



Tgt Ion:152 Resp: 7635
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 160.4 0.0 347.6

