

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011339.D
 Acq On : 07 Nov 2022 16:48
 Operator : KP/MD
 Sample : N5495-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14

Quant Time: Nov 08 03:30:07 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)

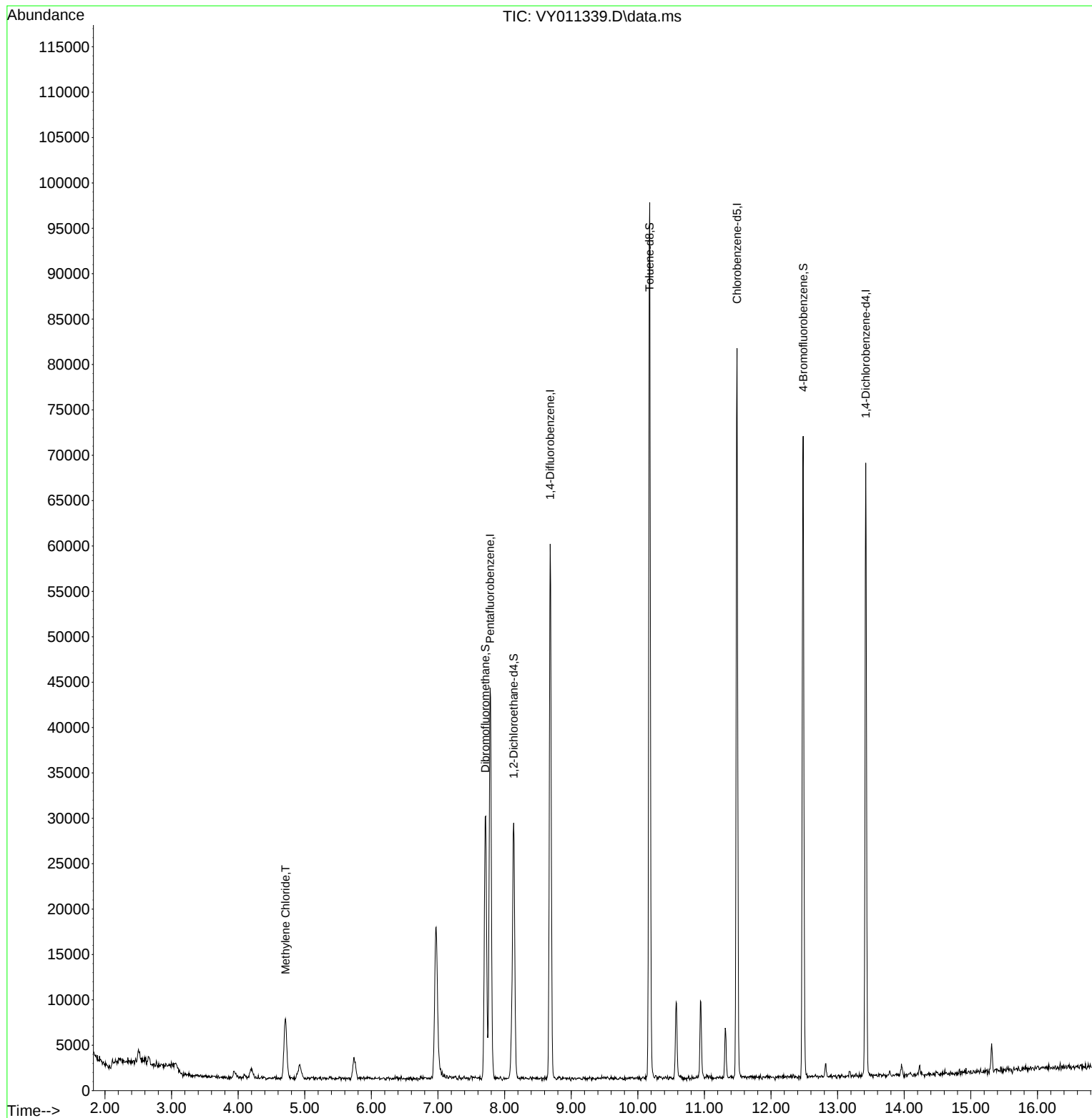
Internal Standards						
1) Pentafluorobenzene	7.783	168	35467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20664	54.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.710	113	22059	65.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.240%	
50) Toluene-d8	10.179	98	66622	50.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	12.483	95	20198	44.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.480%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	5453	7.356	ug/l	# 78

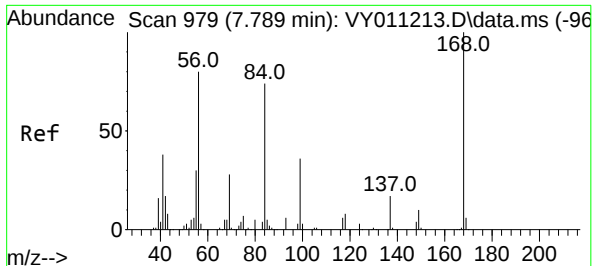
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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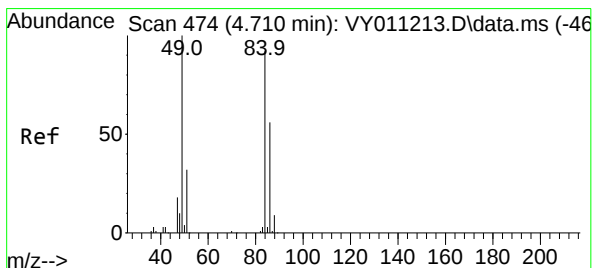
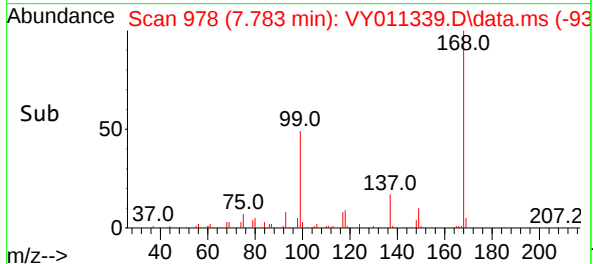
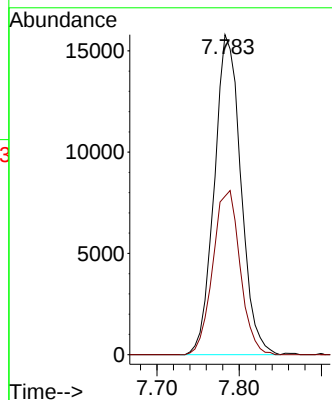
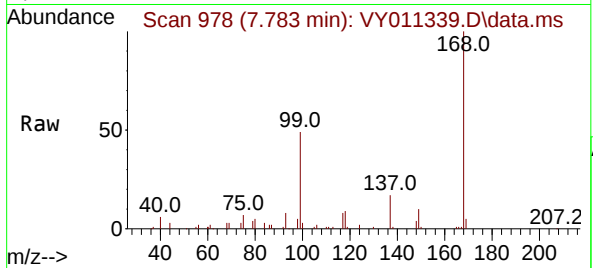




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011339.D
Acq: 07 Nov 2022 16:48

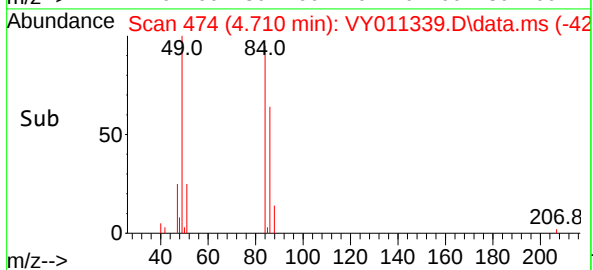
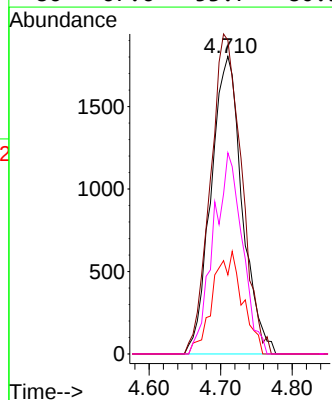
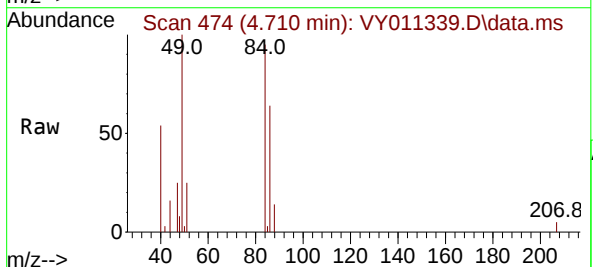
Instrument :
MSVOA_Y
ClientSampleId :
SB-14

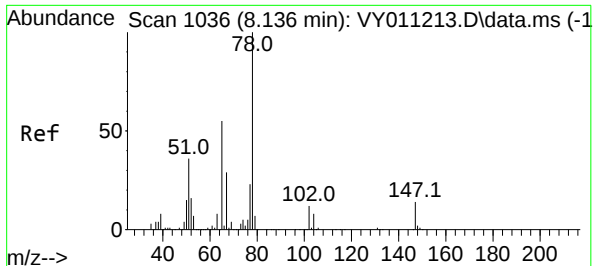
Tgt Ion:168 Resp: 35467
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#20
Methylene Chloride
Concen: 7.356 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011339.D
Acq: 07 Nov 2022 16:48

Tgt Ion: 84 Resp: 5453
Ion Ratio Lower Upper
84 100
49 105.4 114.4 171.6#
51 26.6 35.3 52.9#
86 67.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.476 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011339.D

Acq: 07 Nov 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

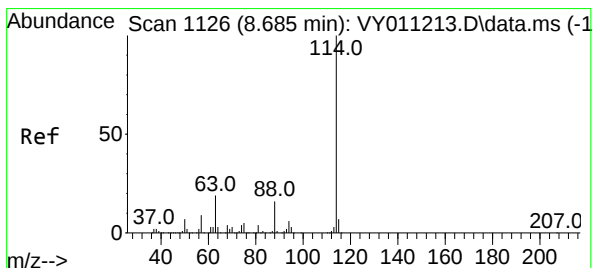
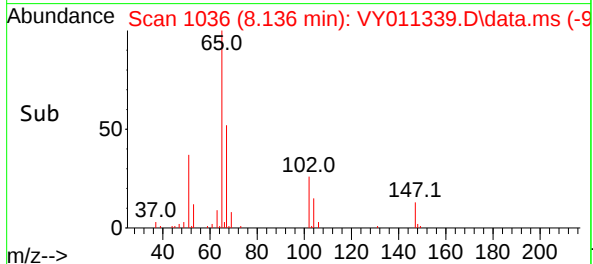
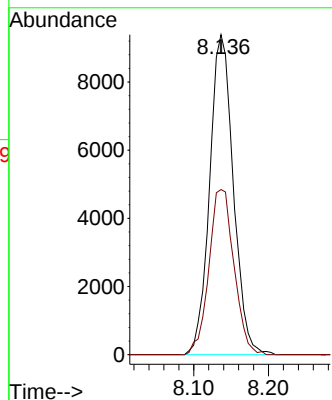
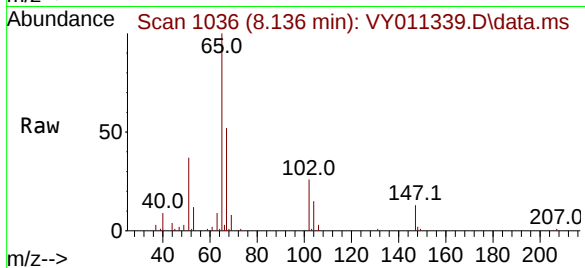
SB-14

Tgt Ion: 65 Resp: 20664

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011339.D

Acq: 07 Nov 2022 16:48

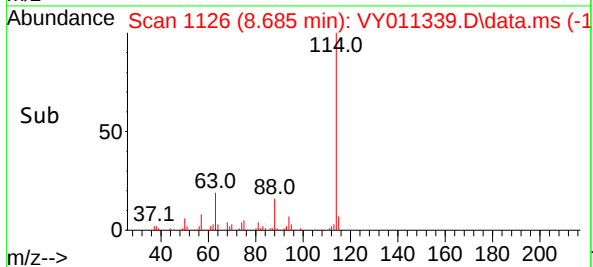
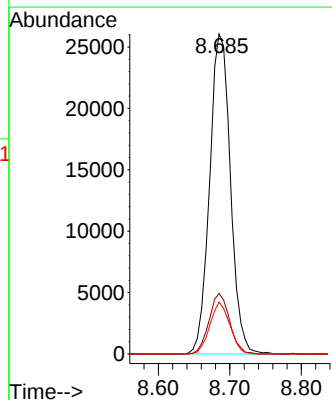
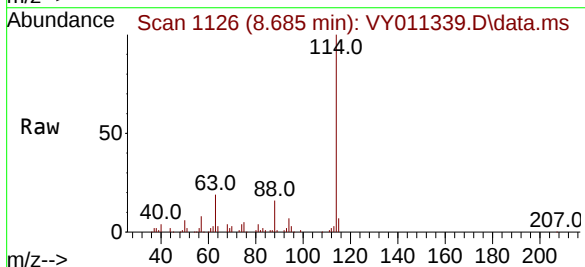
Tgt Ion: 114 Resp: 52725

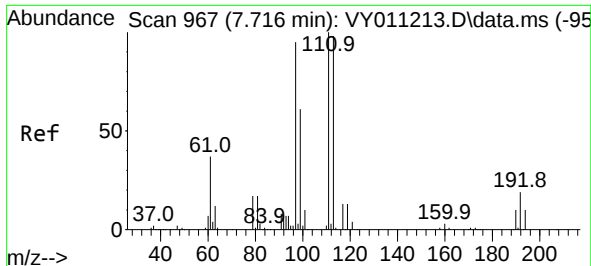
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 16.3 0.0 31.8

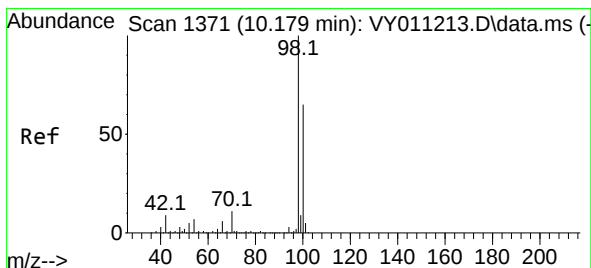
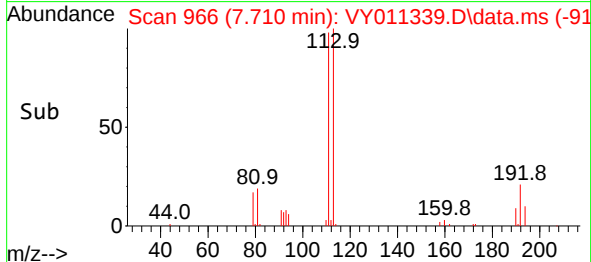
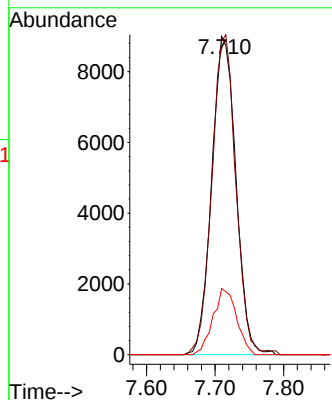
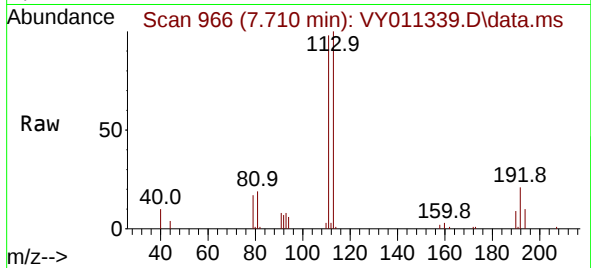




#35
Dibromofluoromethane
Concen: 65.118 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011339.D
Acq: 07 Nov 2022 16:48

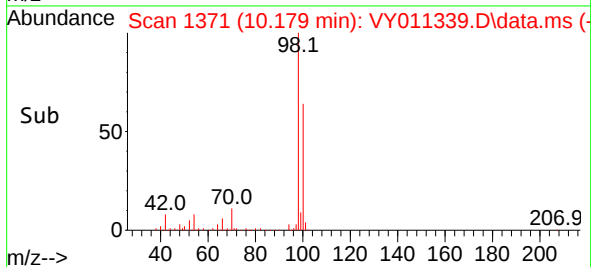
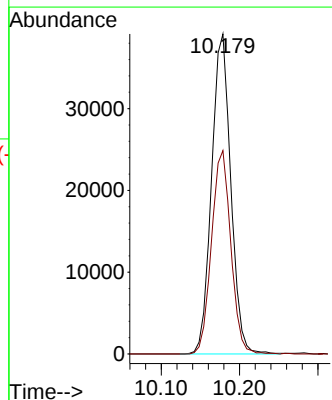
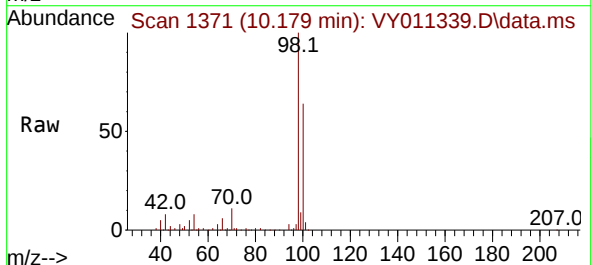
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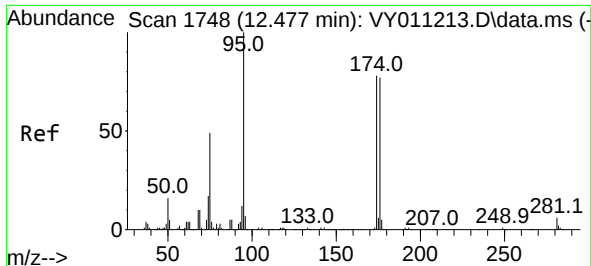
Tgt Ion:113 Resp: 22059
Ion Ratio Lower Upper
113 100
111 98.7 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 50.653 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011339.D
Acq: 07 Nov 2022 16:48

Tgt Ion: 98 Resp: 66622
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

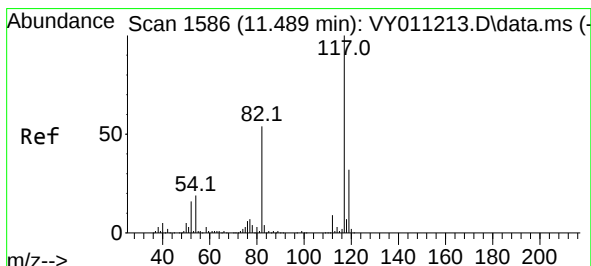
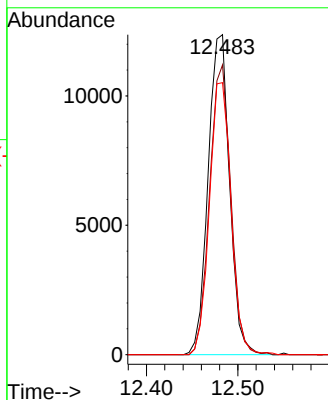
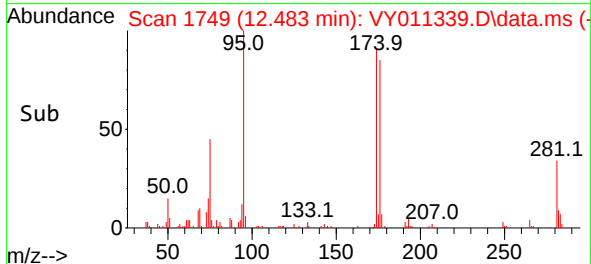
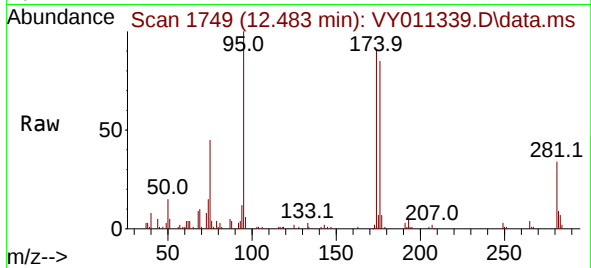




#62
4-Bromofluorobenzene
Concen: 44.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011339.D
Acq: 07 Nov 2022 16:48

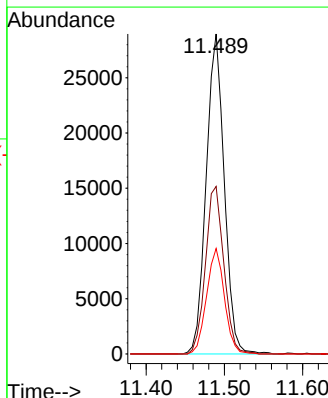
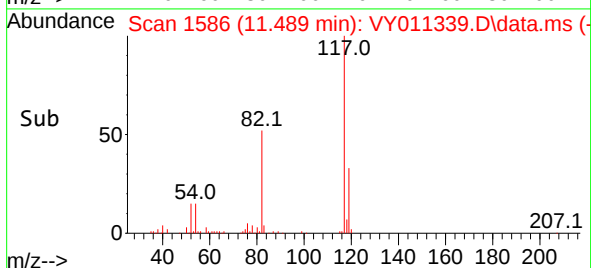
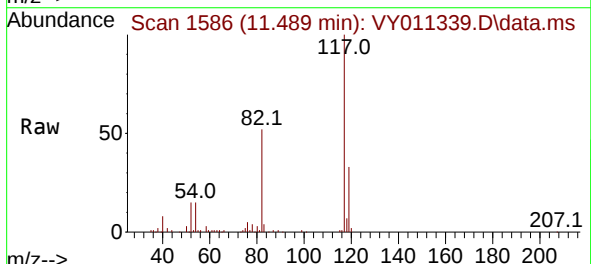
Instrument :
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ClientSampleId :
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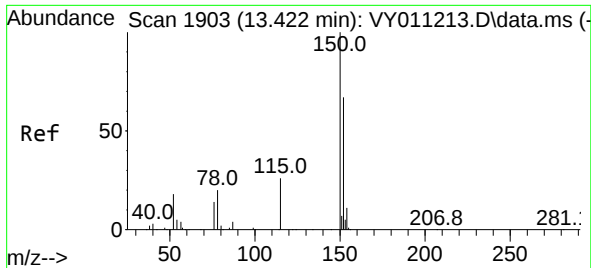
Tgt Ion: 95 Resp: 20198
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 85.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011339.D
Acq: 07 Nov 2022 16:48

Tgt Ion: 117 Resp: 46369
Ion Ratio Lower Upper
117 100
82 52.3 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: VY011339.D
 Acq: 07 Nov 2022 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	158.3	0.0	347.6

