

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011360.D
 Acq On : 08 Nov 2022 14:31
 Operator : KP/MD
 Sample : N5495-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-32ARE

Quant Time: Nov 08 17:21:20 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)

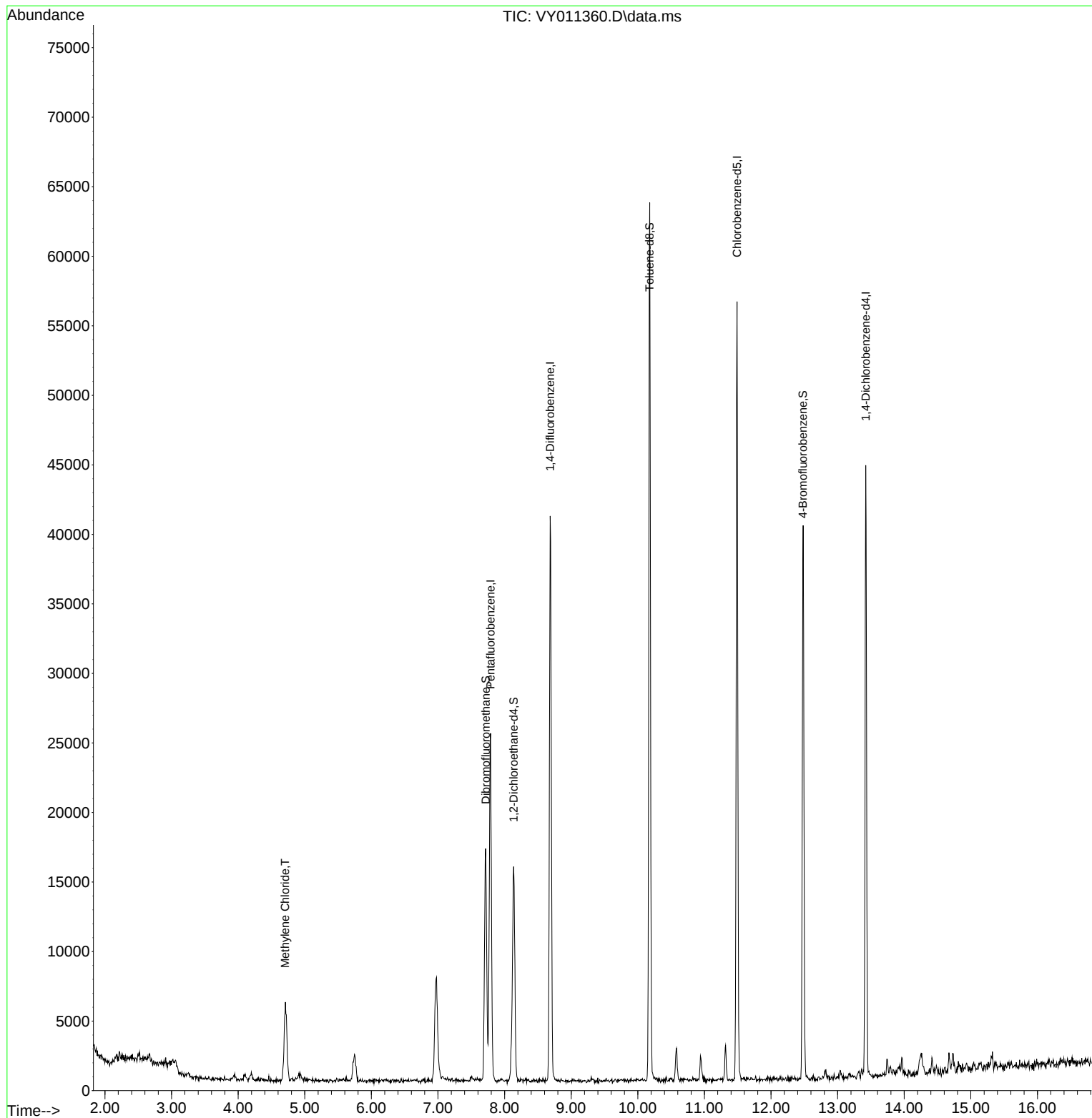
Internal Standards						
1) Pentafluorobenzene	7.789	168	19738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	37429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11481	54.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.780%	
35) Dibromofluoromethane	7.716	113	12078	50.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.179	98	44086	47.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.440%	
62) 4-Bromofluorobenzene	12.477	95	11609	35.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.620%	
Target Compounds						
20) Methylene Chloride	4.704	84	4647	14.235	ug/l	Qvalue # 72

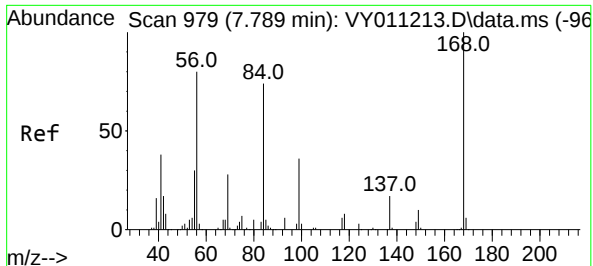
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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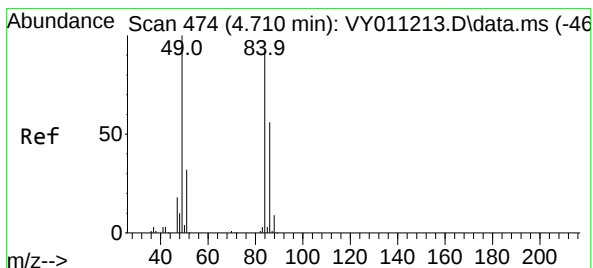
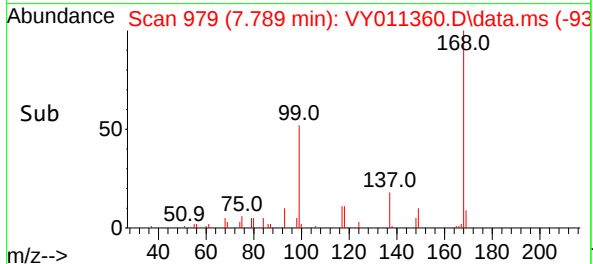
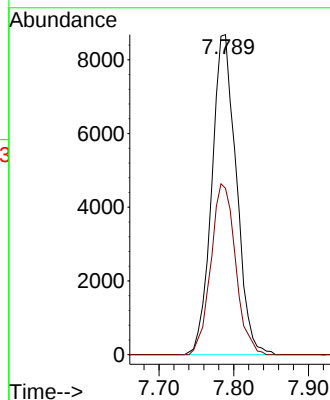
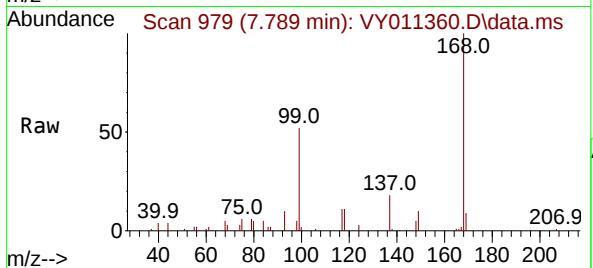




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011360.D
Acq: 08 Nov 2022 14:31

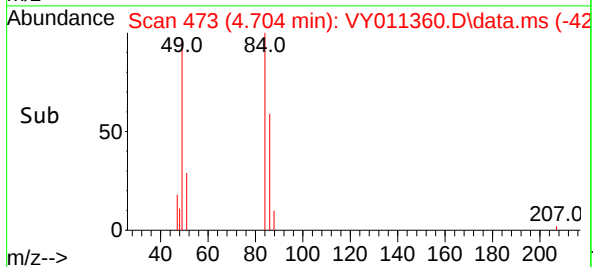
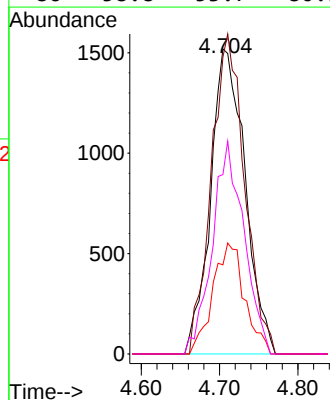
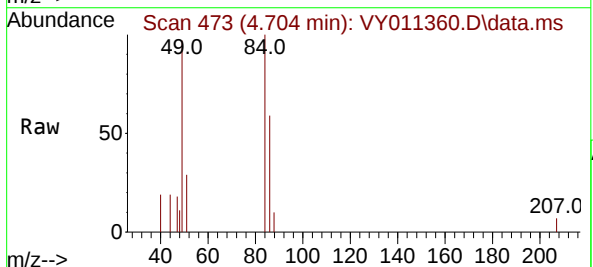
Instrument :
MSVOA_Y
ClientSampleId :
SB-32ARE

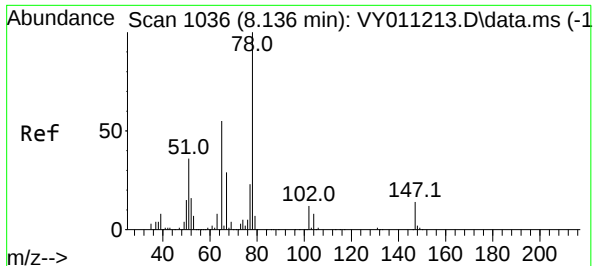
Tgt Ion:168 Resp: 19738
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#20
Methylene Chloride
Concen: 14.235 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011360.D
Acq: 08 Nov 2022 14:31

Tgt Ion: 84 Resp: 4647
Ion Ratio Lower Upper
84 100
49 97.4 114.4 171.6#
51 29.2 35.3 52.9#
86 58.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.387 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. 0.000 min

Lab File: VY011360.D

Acq: 08 Nov 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

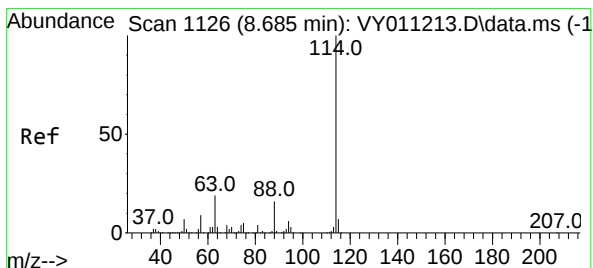
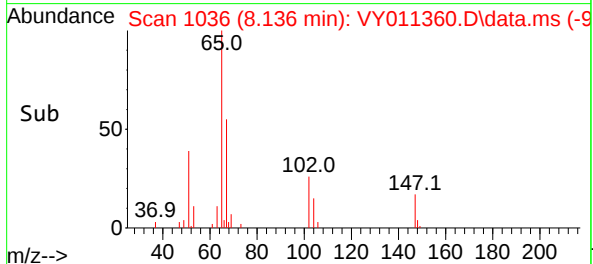
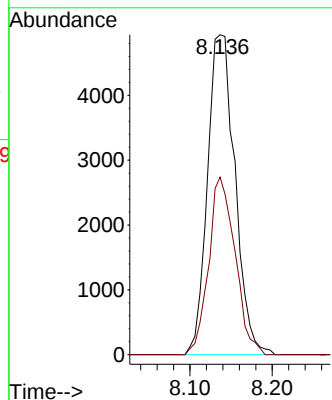
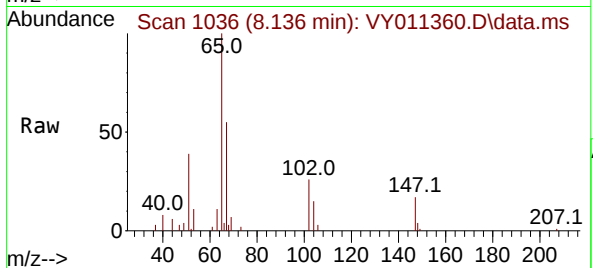
SB-32ARE

Tgt Ion: 65 Resp: 11481

Ion Ratio Lower Upper

65 100

67 53.3 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: VY011360.D

Acq: 08 Nov 2022 14:31

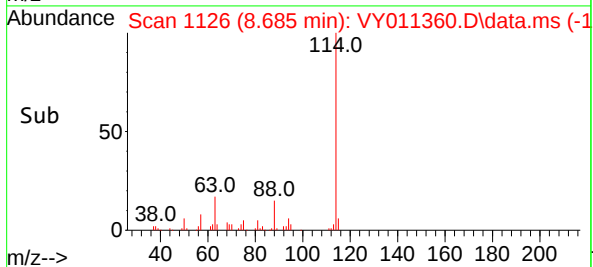
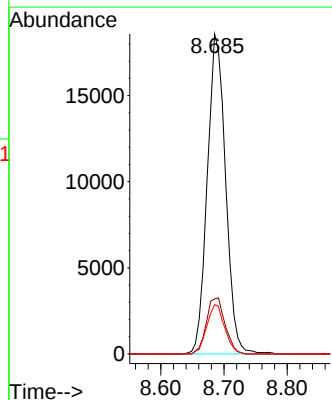
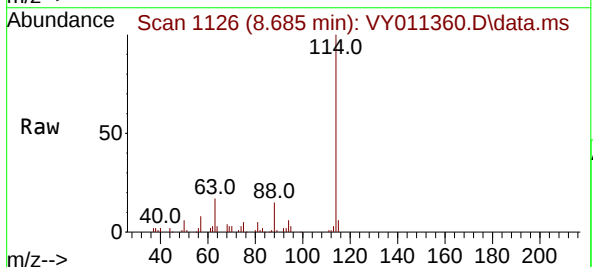
Tgt Ion: 114 Resp: 37429

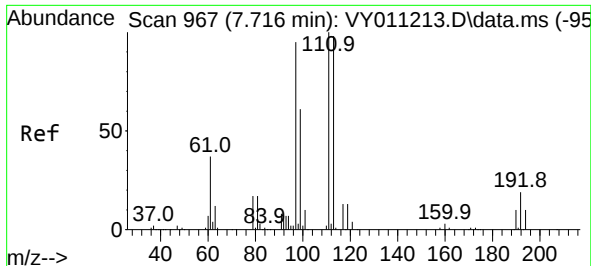
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 15.4 0.0 31.8

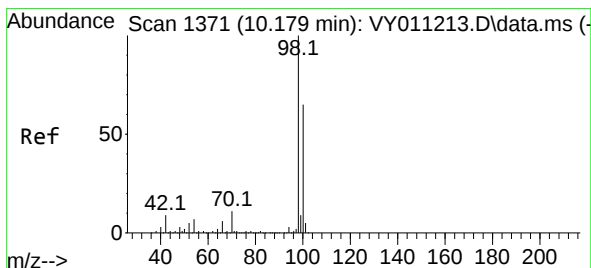
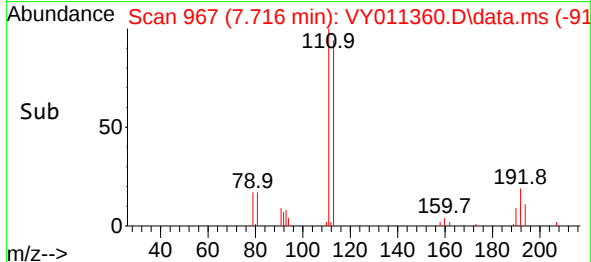
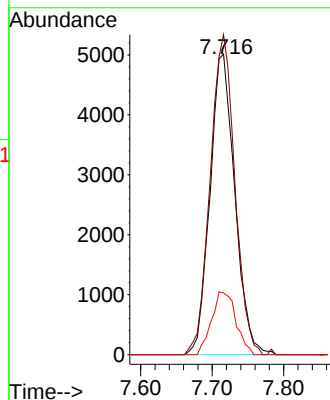
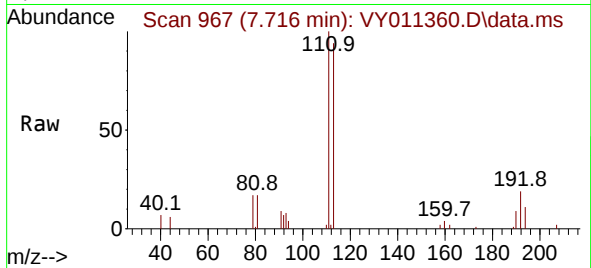




#35
Dibromofluoromethane
Concen: 50.225 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011360.D
Acq: 08 Nov 2022 14:31

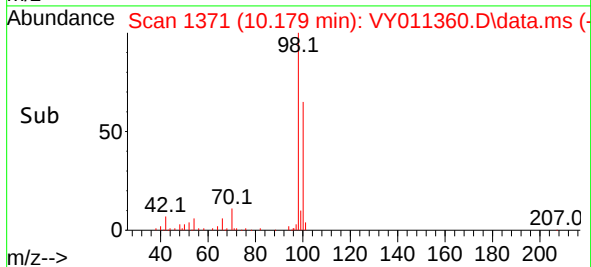
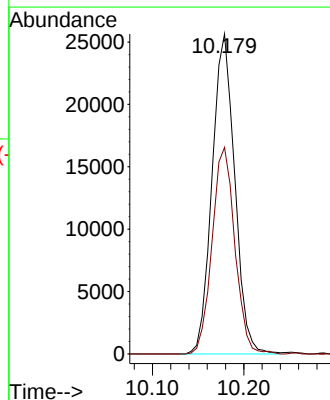
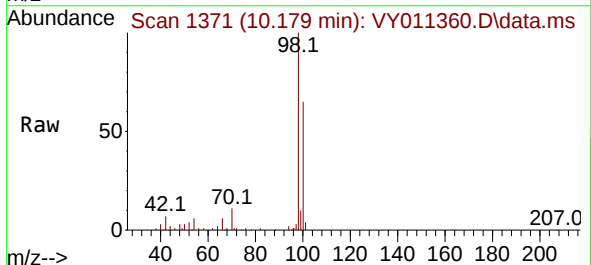
Instrument :
MSVOA_Y
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SB-32ARE

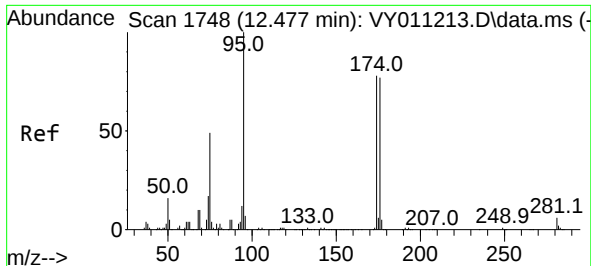
Tgt Ion:113 Resp: 12078
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 47.217 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011360.D
Acq: 08 Nov 2022 14:31

Tgt Ion: 98 Resp: 44086
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

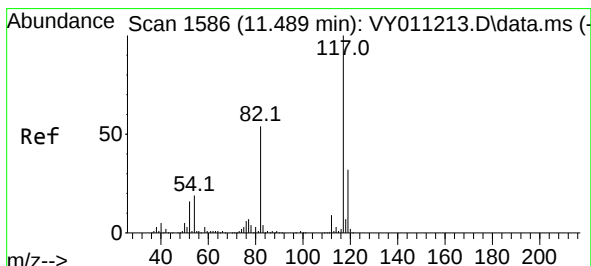
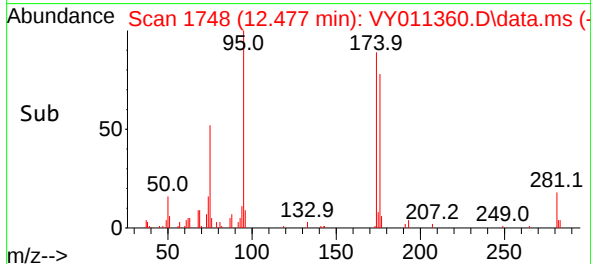
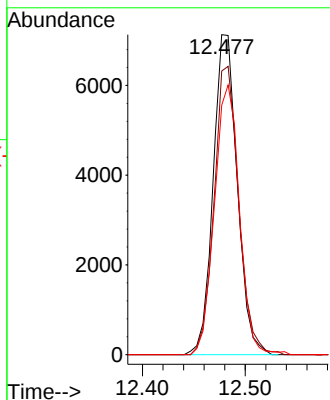
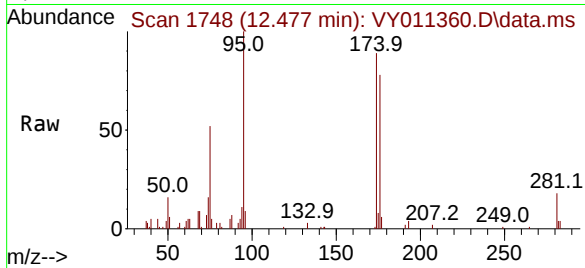




#62
4-Bromofluorobenzene
Concen: 35.815 ug/l
RT: 12.477 min Scan# 11609
Delta R.T. -0.006 min
Lab File: VY011360.D
Acq: 08 Nov 2022 14:31

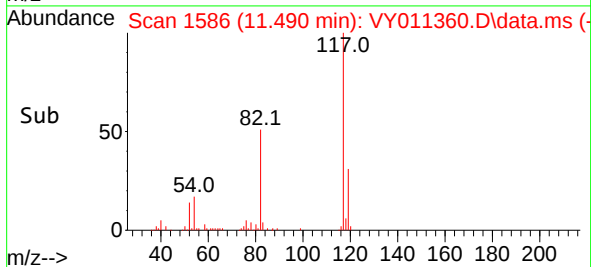
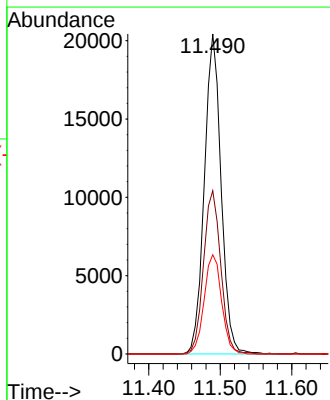
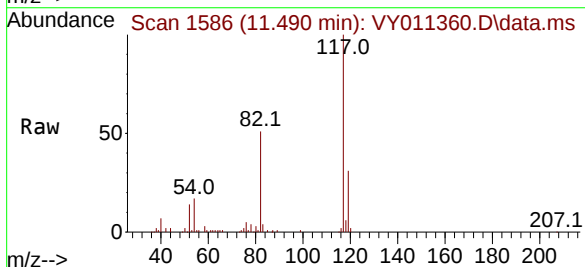
Instrument :
MSVOA_Y
ClientSampleId :
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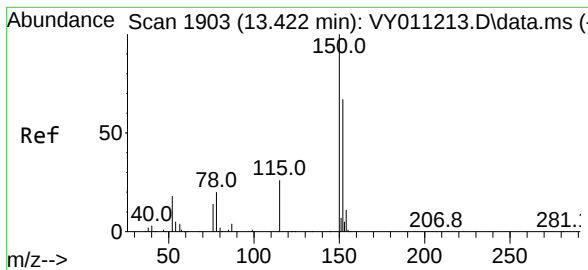
Tgt Ion:	95	Resp:	11609
Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	177.0
176	87.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011360.D
Acq: 08 Nov 2022 14:31

Tgt Ion:	117	Resp:	33239
Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.0	64.4
119	31.0	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: VY011360.D
 Acq: 08 Nov 2022 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152	Resp:	12247
Ion Ratio	Lower	Upper
152	100	
115	55.8	28.2 84.7
150	159.0	0.0 347.6

