

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011359.D
 Acq On : 08 Nov 2022 14:08
 Operator : KP/MD
 Sample : N5481-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Quant Time: Nov 08 16:59:52 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)

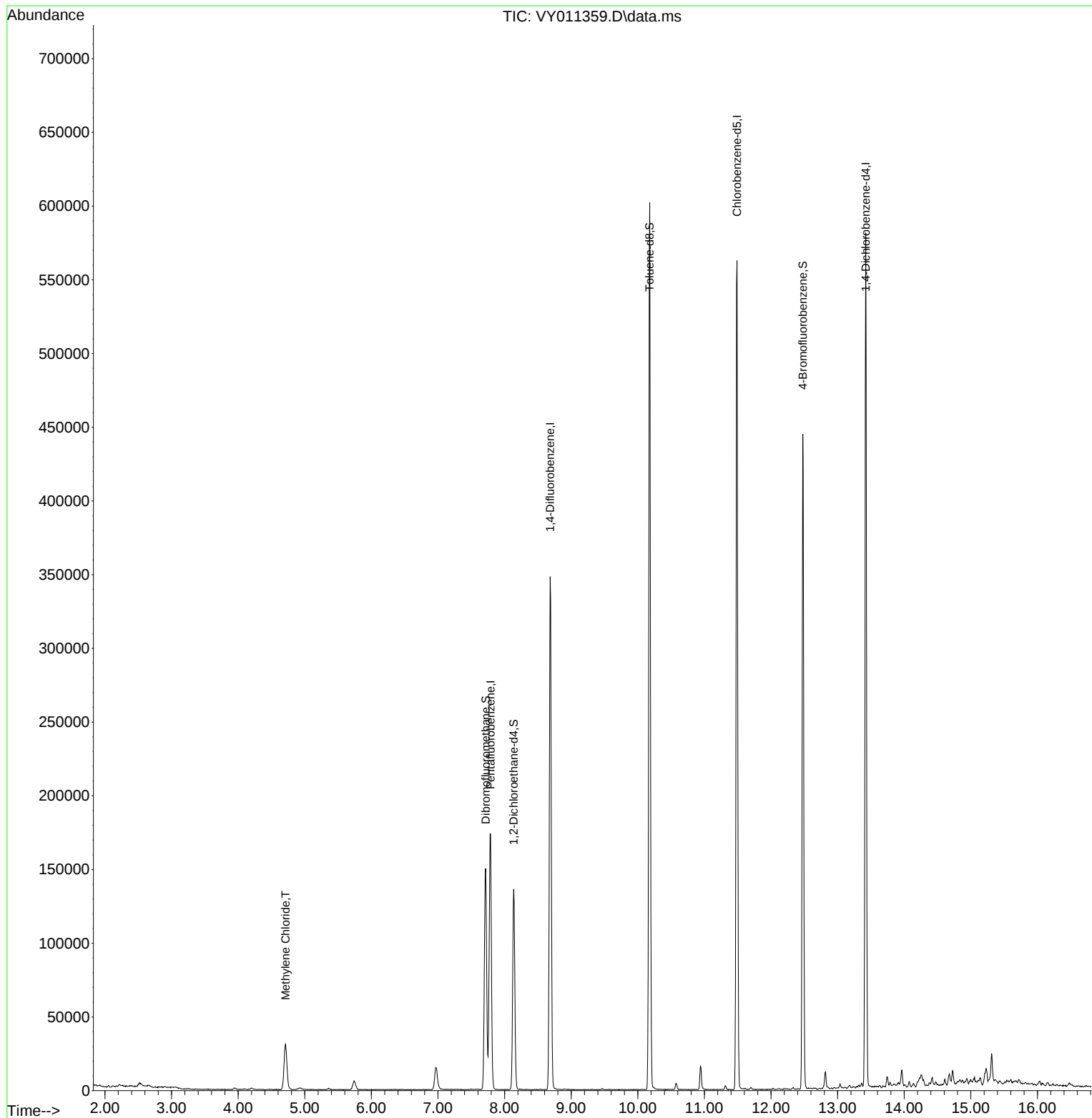
Internal Standards						
1) Pentafluorobenzene	7.789	168	143133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106638	69.661	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	139.320%	
35) Dibromofluoromethane	7.716	113	110257	53.984	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.960%	
50) Toluene-d8	10.179	98	407216	51.352	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.700%	
62) 4-Bromofluorobenzene	12.477	95	141313	51.332	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	102.660%	
Target Compounds						
20) Methylene Chloride	4.710	84	25488	9.404	ug/l	Qvalue # 76

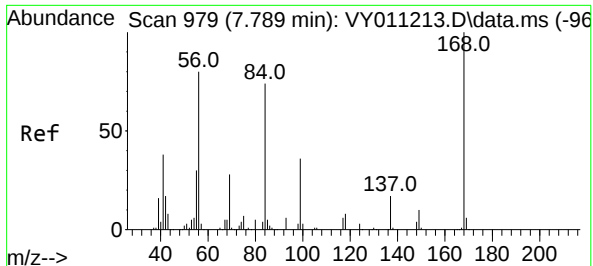
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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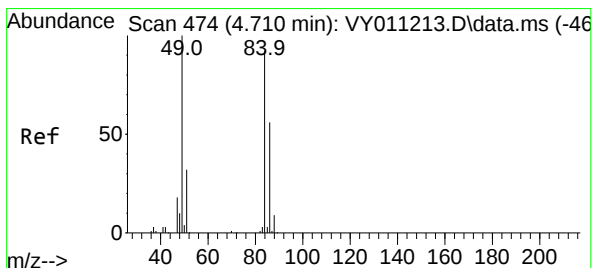
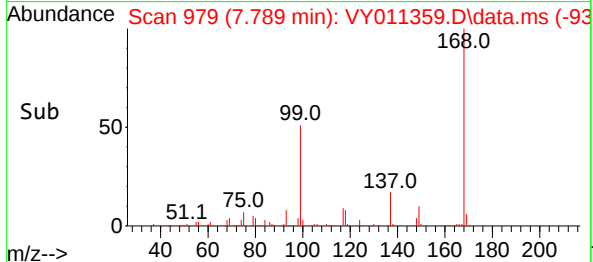
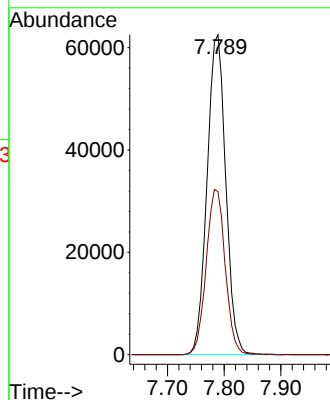
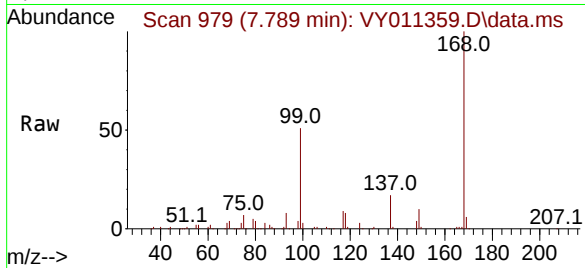




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011359.D
Acq: 08 Nov 2022 14:08

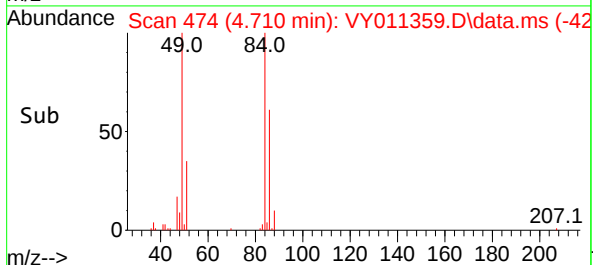
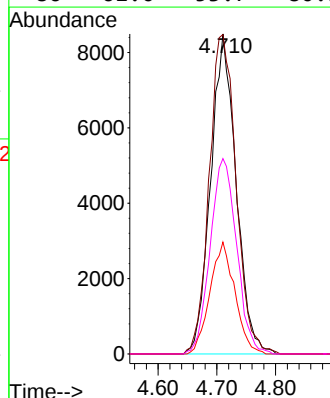
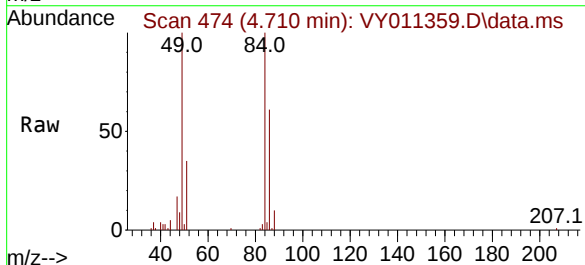
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

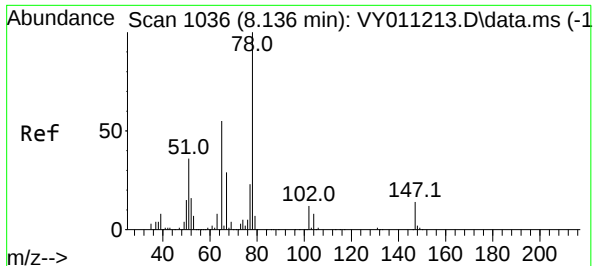
Tgt Ion:168 Resp: 143133
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#20
Methylene Chloride
Concen: 9.404 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011359.D
Acq: 08 Nov 2022 14:08

Tgt Ion: 84 Resp: 25488
Ion Ratio Lower Upper
84 100
49 99.8 114.4 171.6#
51 34.9 35.3 52.9#
86 61.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 69.661 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011359.D

Acq: 08 Nov 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

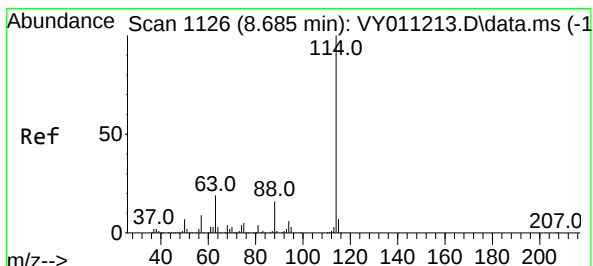
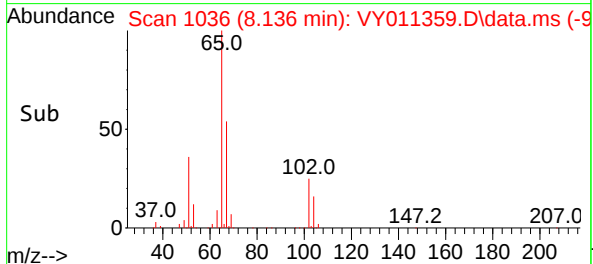
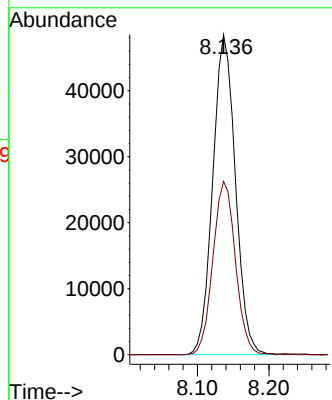
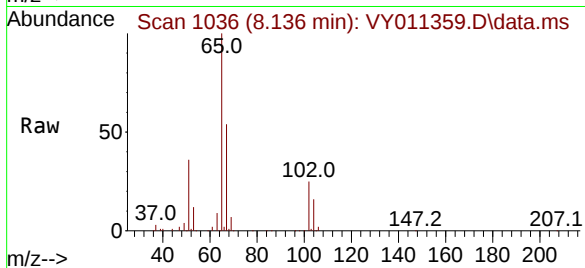
VNJ-231

Tgt Ion: 65 Resp: 106638

Ion Ratio Lower Upper

65 100

67 53.9 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: VY011359.D

Acq: 08 Nov 2022 14:08

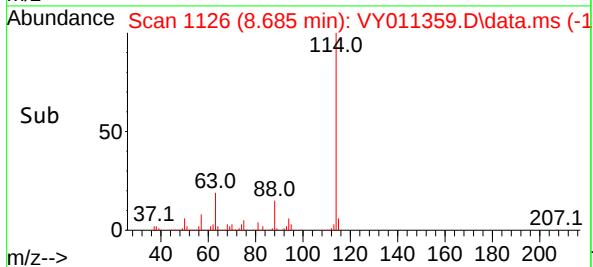
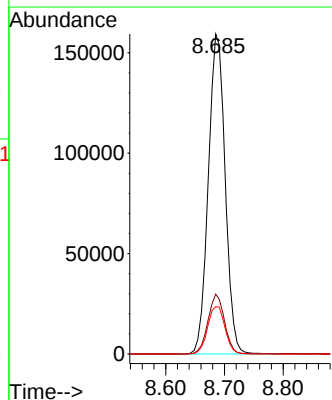
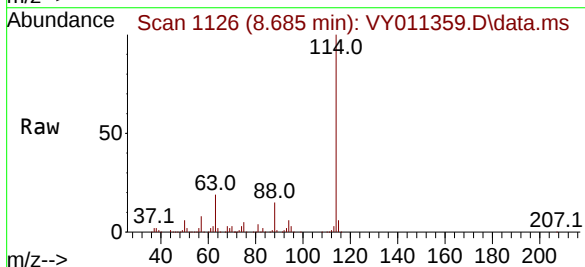
Tgt Ion: 114 Resp: 317886

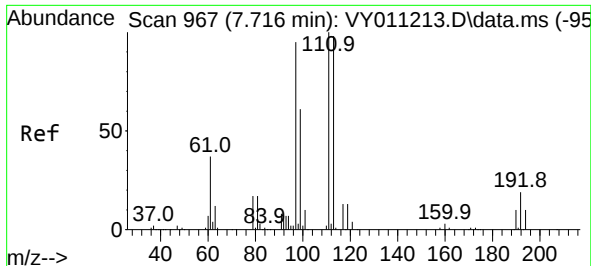
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.7 0.0 31.8

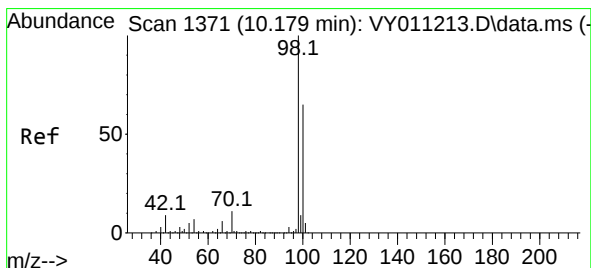
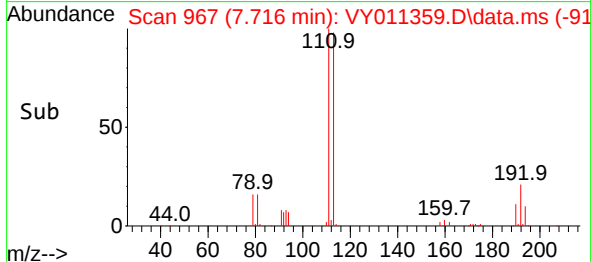
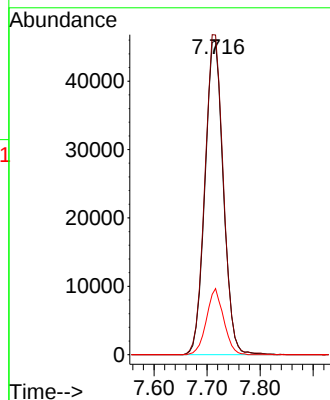
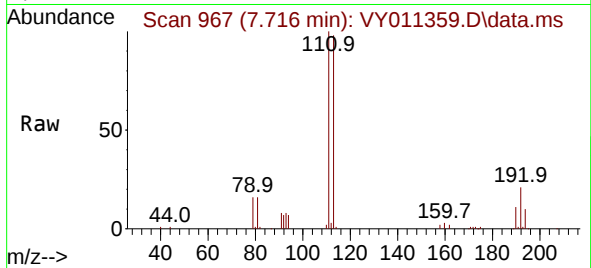




#35
 Dibromofluoromethane
 Concen: 53.984 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY011359.D
 Acq: 08 Nov 2022 14:08

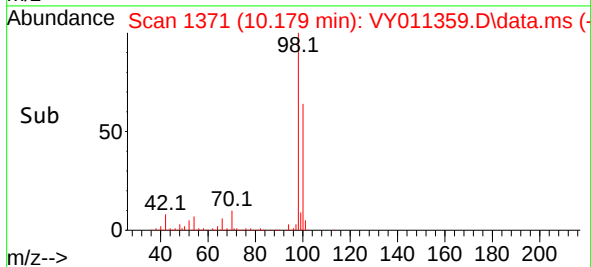
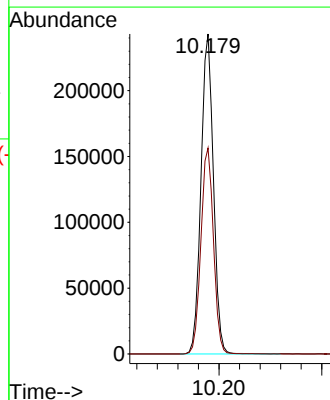
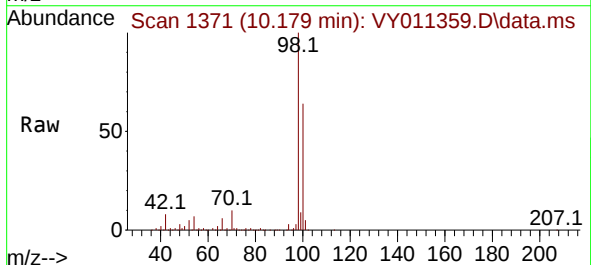
Instrument :
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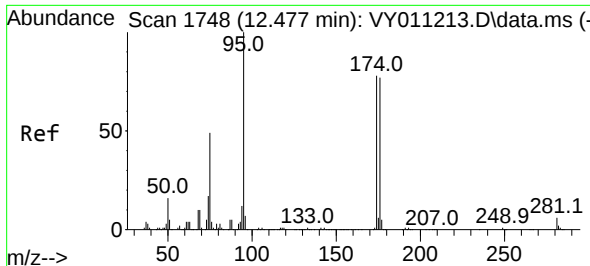
Tgt Ion:113 Resp: 110257
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 19.7 17.6 26.4



#50
 Toluene-d8
 Concen: 51.352 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011359.D
 Acq: 08 Nov 2022 14:08

Tgt Ion: 98 Resp: 407216
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.2 75.2

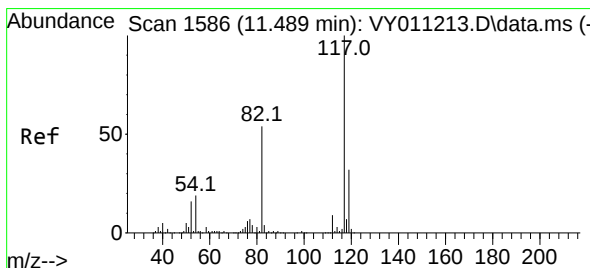
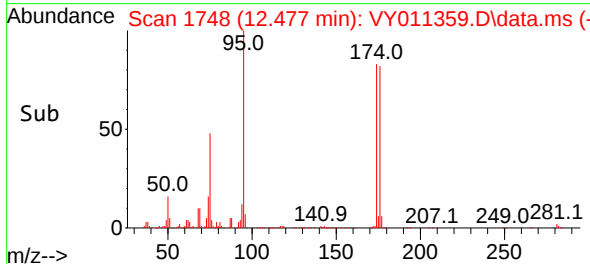
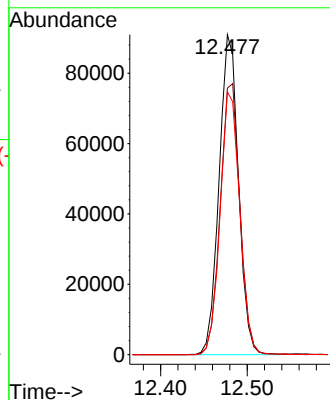
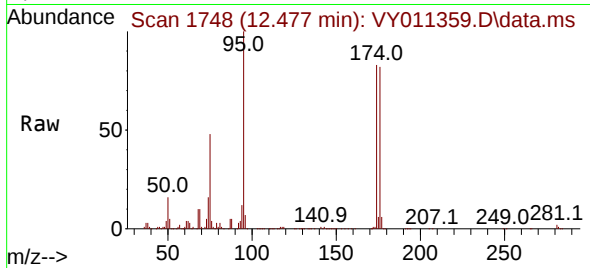




#62
4-Bromofluorobenzene
Concen: 51.332 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011359.D
Acq: 08 Nov 2022 14:08

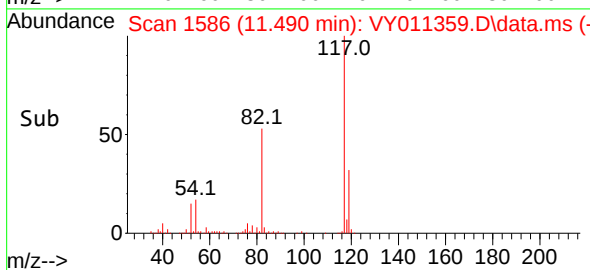
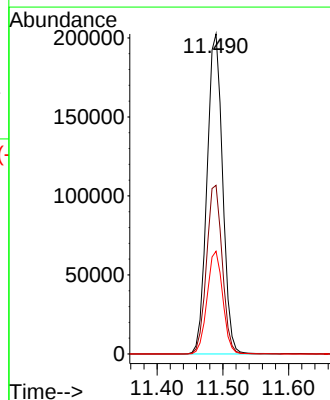
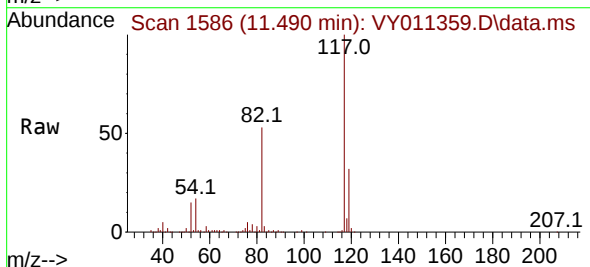
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VNJ-231

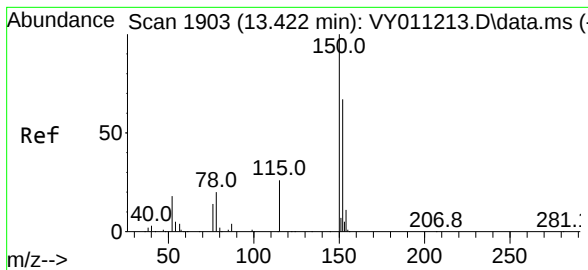
Tgt Ion: 95 Resp: 141313
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011359.D
Acq: 08 Nov 2022 14:08

Tgt Ion: 117 Resp: 334490
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.1 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: VY011359.D
 Acq: 08 Nov 2022 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Tgt Ion:	152	Resp:	156502
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	155.9	0.0	347.6

