

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015982.D
 Acq On : 16 Oct 2023 14:19
 Operator : SY/MD
 Sample : 04882-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-218

Quant Time: Oct 17 05:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

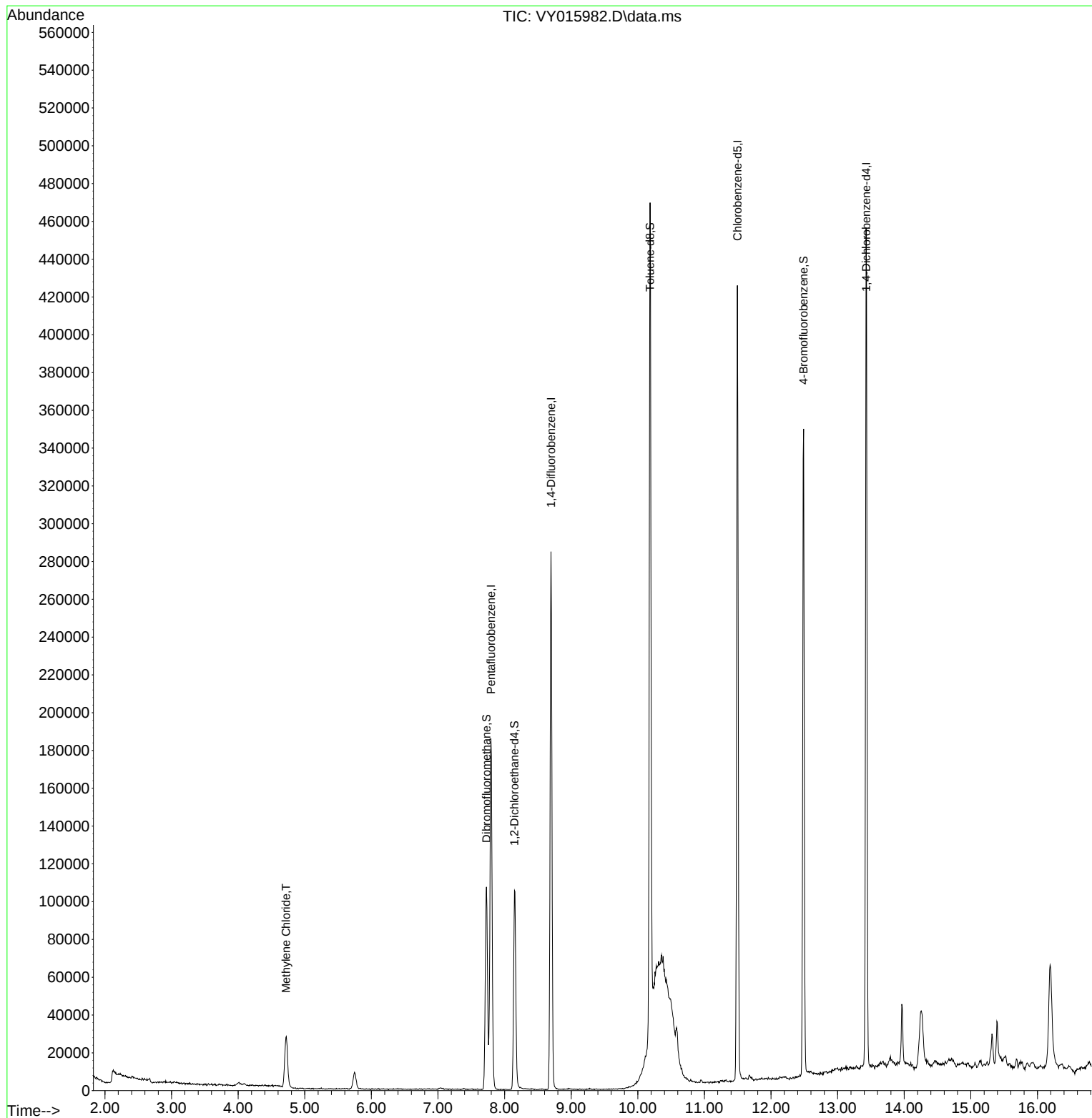
Internal Standards						
1) Pentafluorobenzene	7.795	168	145773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88099	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.728	113	79150	52.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.140%	
50) Toluene-d8	10.185	98	291332	51.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.489	95	104091	51.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.680%	
Target Compounds						
20) Methylene Chloride	4.716	84	20672	7.689	ug/l	Qvalue 97

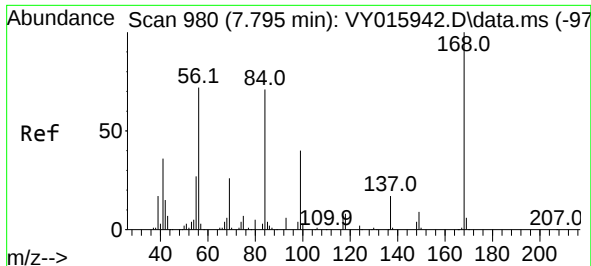
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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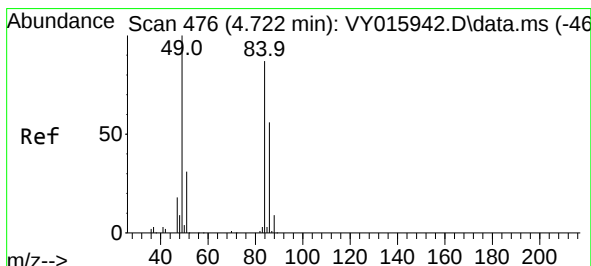
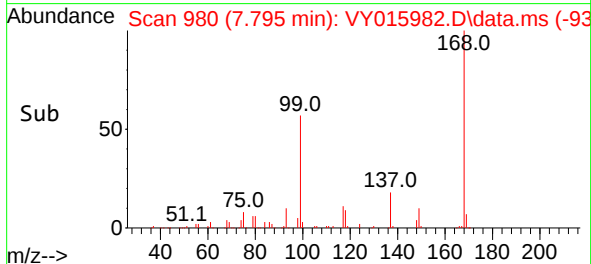
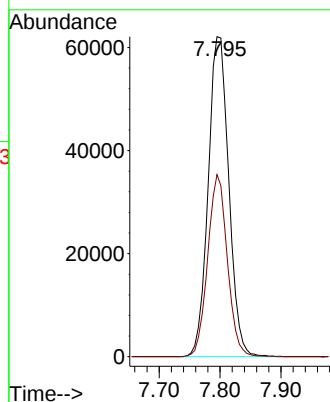
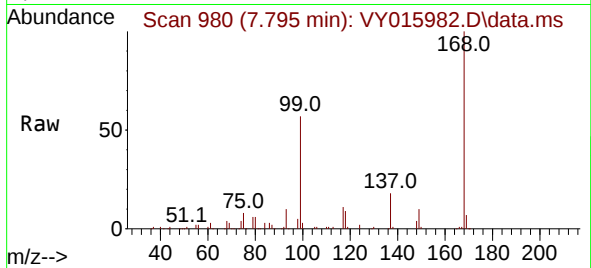




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015982.D
Acq: 16 Oct 2023 14:19

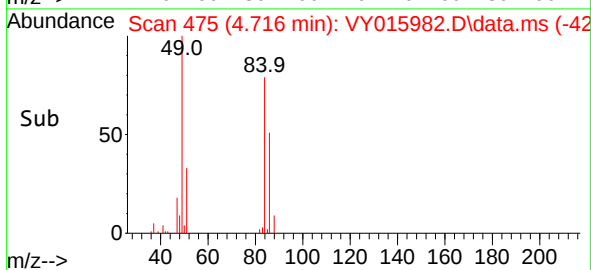
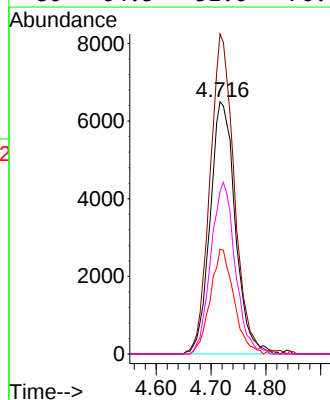
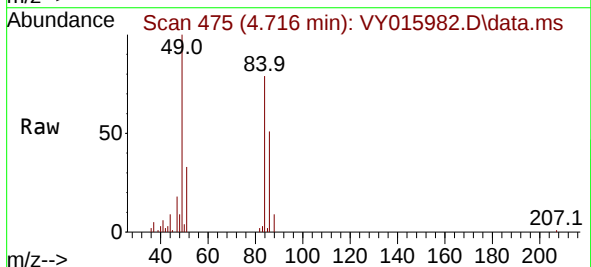
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-218

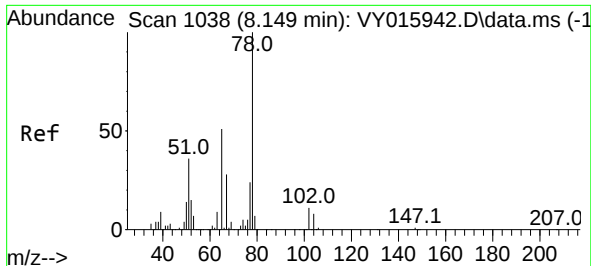
Tgt Ion:168 Resp: 145773
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#20
Methylene Chloride
Concen: 7.689 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015982.D
Acq: 16 Oct 2023 14:19

Tgt Ion: 84 Resp: 20672
Ion Ratio Lower Upper
84 100
49 126.9 106.9 160.3
51 41.6 33.2 49.8
86 64.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.954 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015982.D

Acq: 16 Oct 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

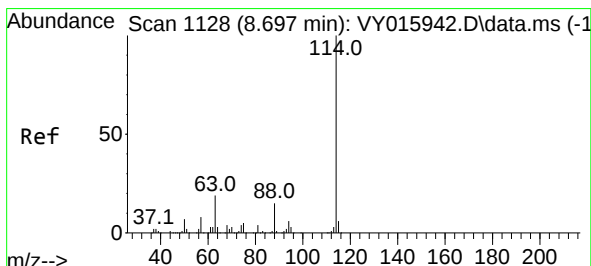
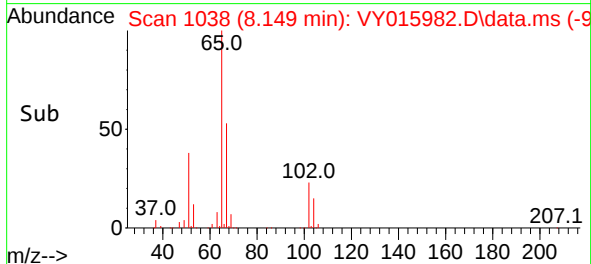
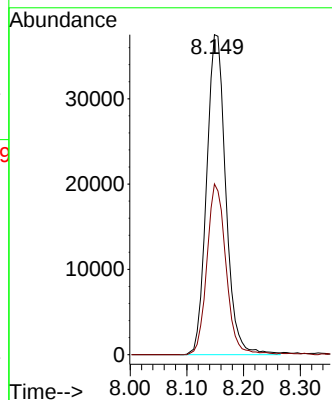
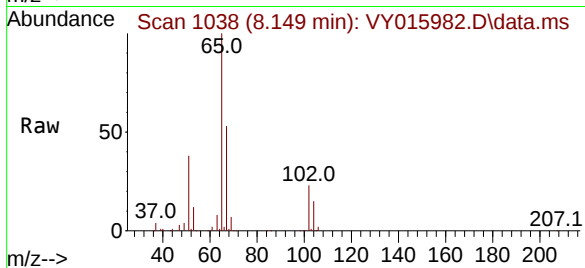
VNJ-218

Tgt Ion: 65 Resp: 88099

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015982.D

Acq: 16 Oct 2023 14:19

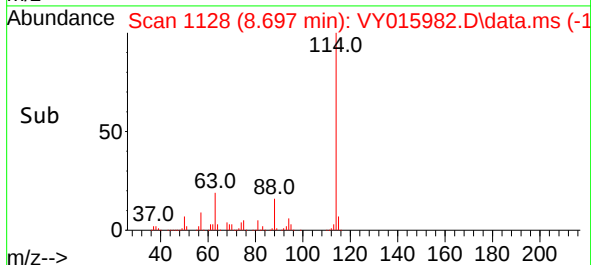
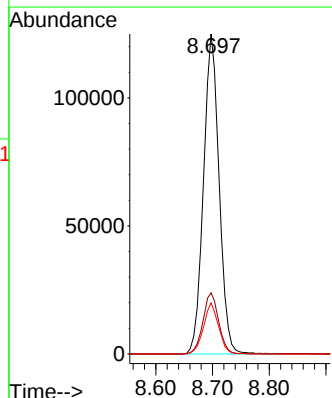
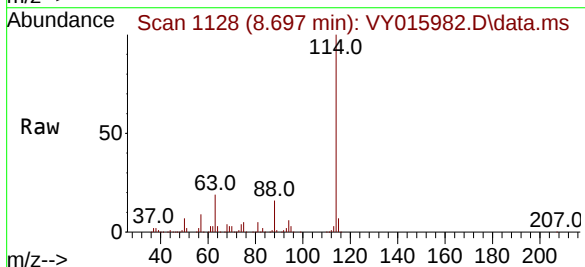
Tgt Ion: 114 Resp: 239164

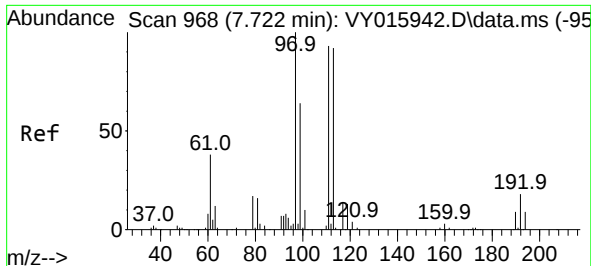
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 16.0 0.0 30.6

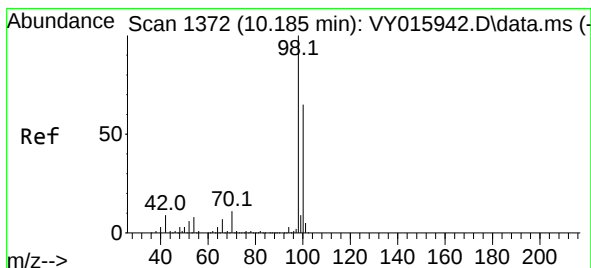
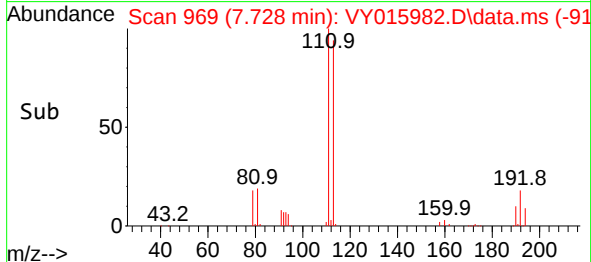
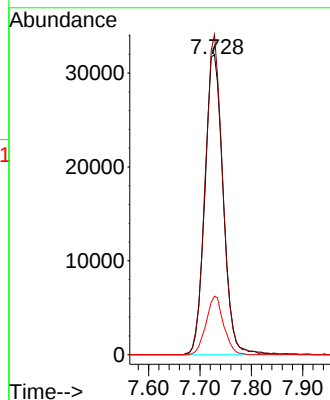
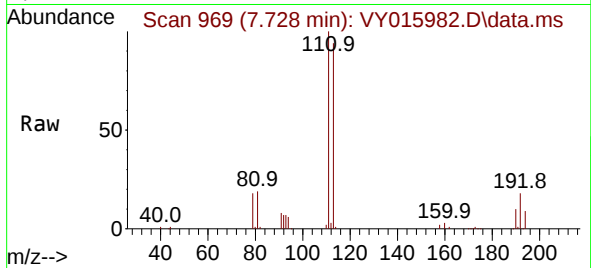




#35
Dibromofluoromethane
Concen: 52.568 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015982.D
Acq: 16 Oct 2023 14:19

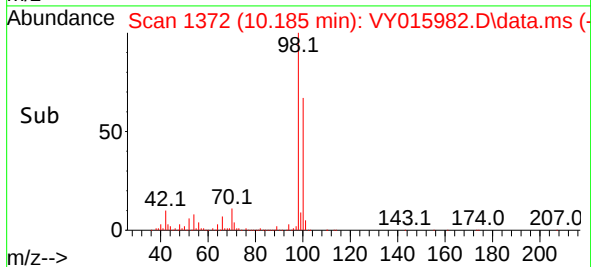
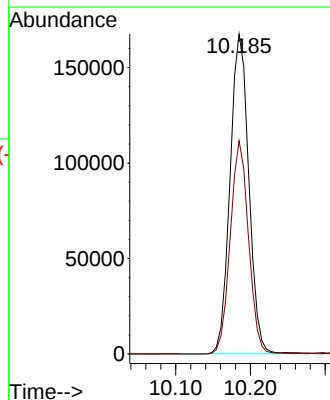
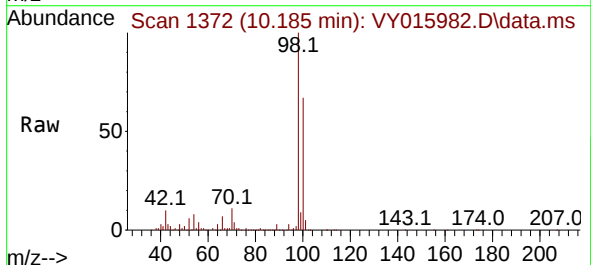
Instrument :
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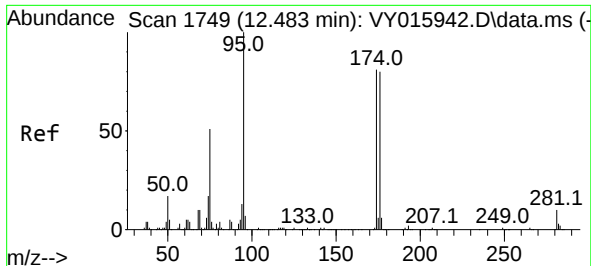
Tgt Ion:113 Resp: 79150
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 51.667 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015982.D
Acq: 16 Oct 2023 14:19

Tgt Ion: 98 Resp: 291332
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

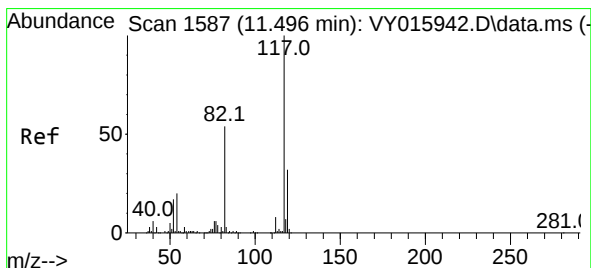
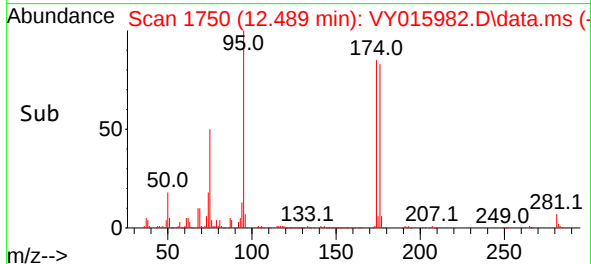
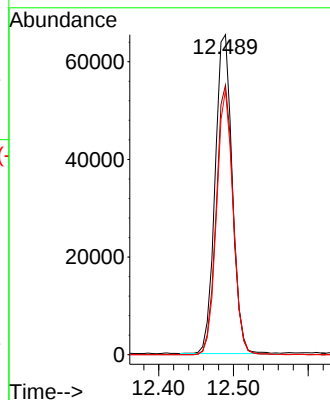
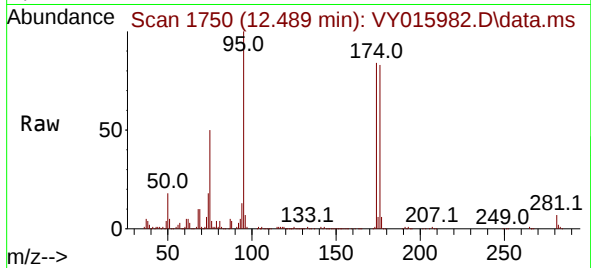




#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015982.D
Acq: 16 Oct 2023 14:19

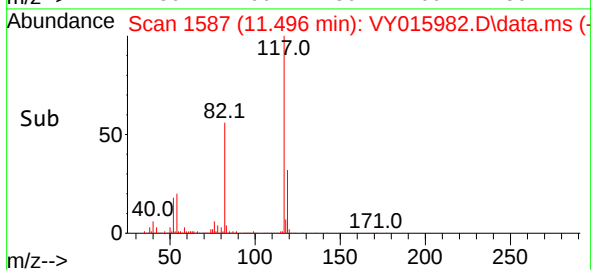
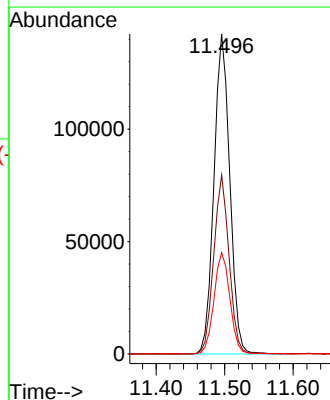
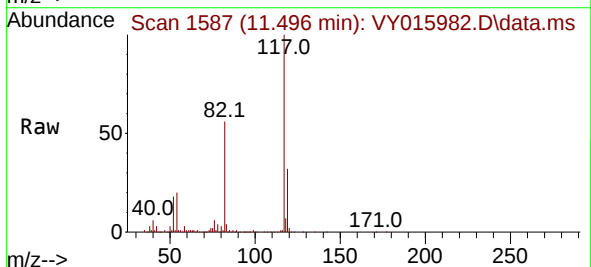
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-218

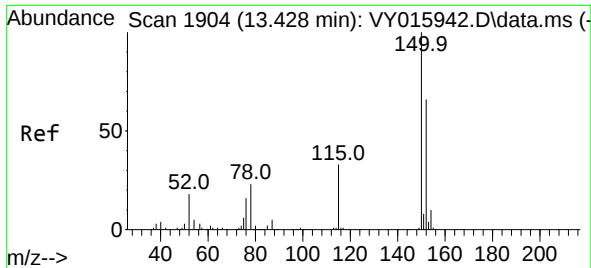
Tgt Ion: 95 Resp: 104091
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 80.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015982.D
Acq: 16 Oct 2023 14:19

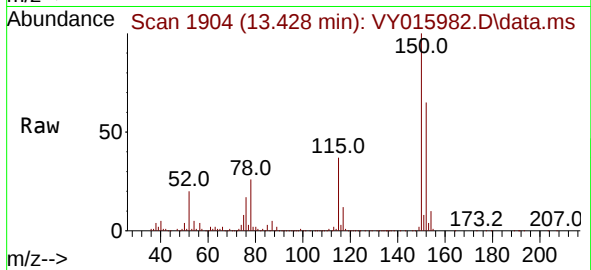
Tgt Ion: 117 Resp: 227887
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015982.D
 Acq: 16 Oct 2023 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-218



Tgt Ion:152 Resp: 114666
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 156.7 0.0 348.8

