

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015660.D
 Acq On : 20 Sep 2023 15:42
 Operator : SY/MD
 Sample : 04512-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11986

Quant Time: Sep 21 03:42:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

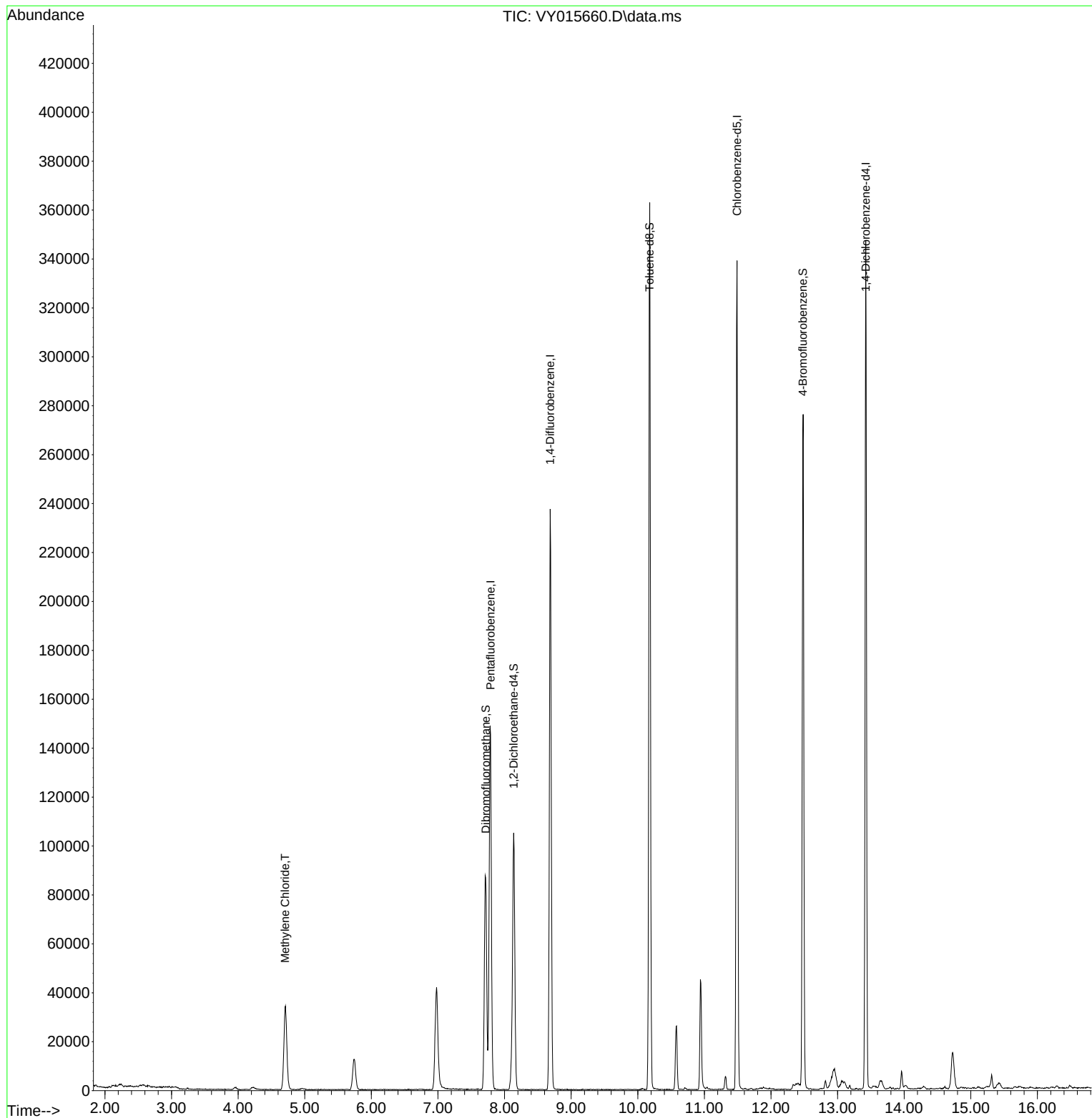
Internal Standards						
1) Pentafluorobenzene	7.789	168	116176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76476	59.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.660%	
35) Dibromofluoromethane	7.716	113	64763	53.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.179	98	237692	57.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.620%	
62) 4-Bromofluorobenzene	12.477	95	79007	48.963	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.920%	
Target Compounds						
20) Methylene Chloride	4.704	84	25420	13.428	ug/l	Qvalue 94

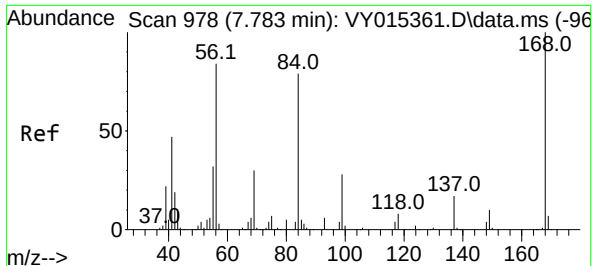
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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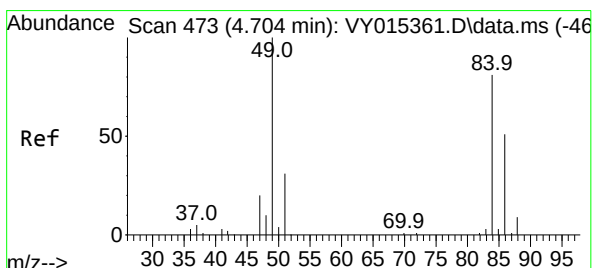
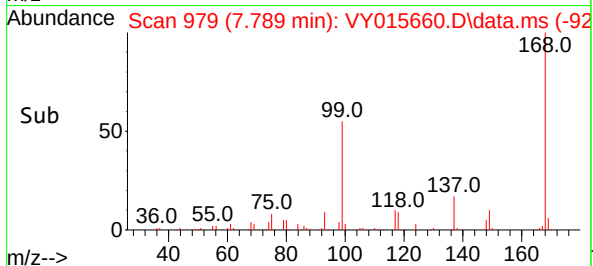
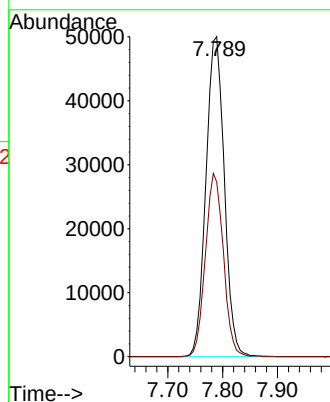
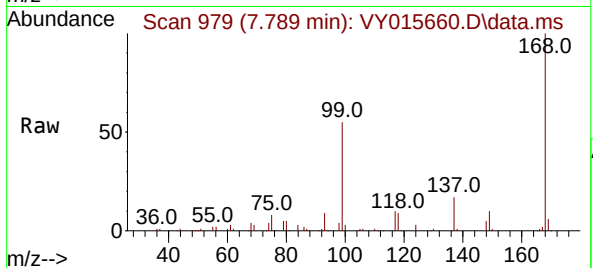




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015660.D
Acq: 20 Sep 2023 15:42

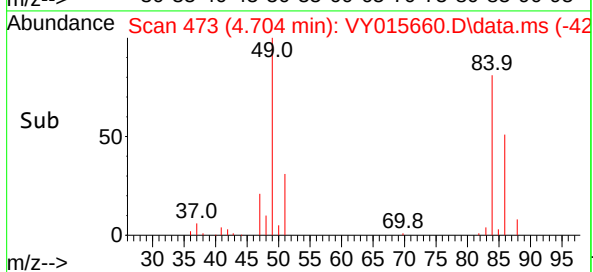
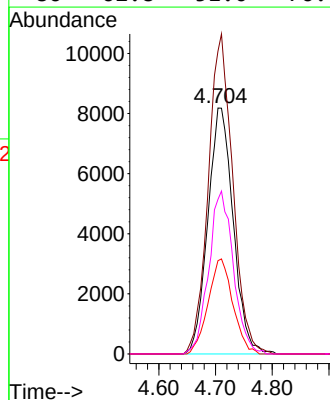
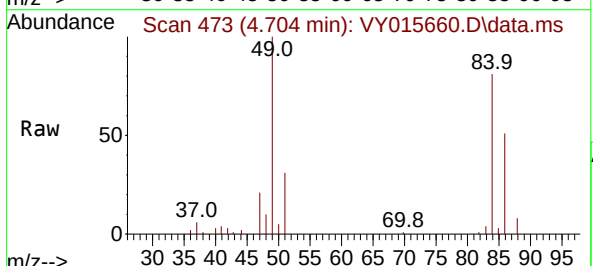
Instrument :
MSVOA_Y
ClientSampleId :
72-11986

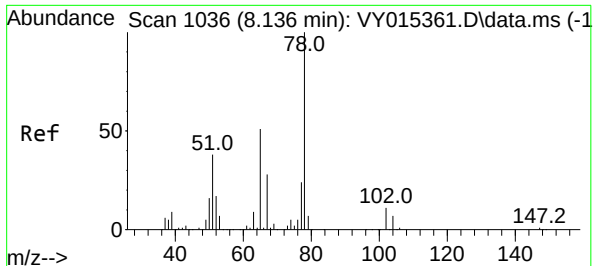
Tgt Ion:168 Resp: 116176
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#20
Methylene Chloride
Concen: 13.428 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015660.D
Acq: 20 Sep 2023 15:42

Tgt Ion: 84 Resp: 25420
Ion Ratio Lower Upper
84 100
49 123.1 106.9 160.3
51 37.9 33.2 49.8
86 62.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.828 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY015660.D

Acq: 20 Sep 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

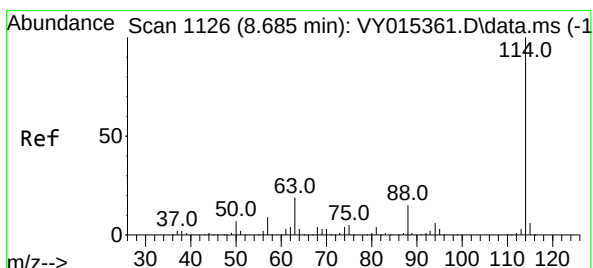
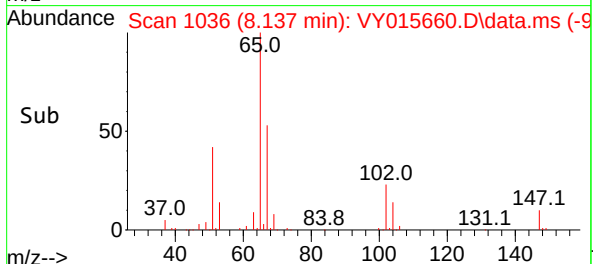
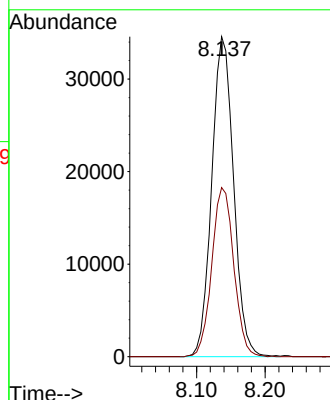
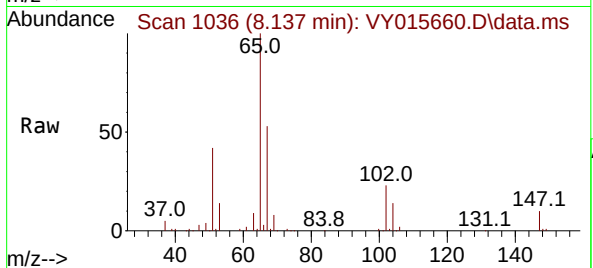
72-11986

Tgt Ion: 65 Resp: 76476

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015660.D

Acq: 20 Sep 2023 15:42

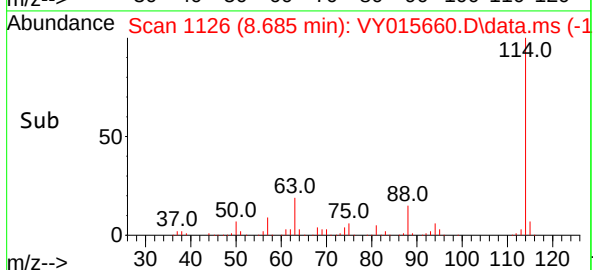
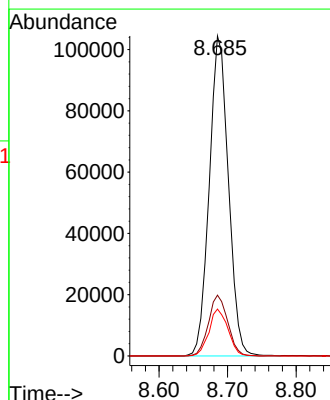
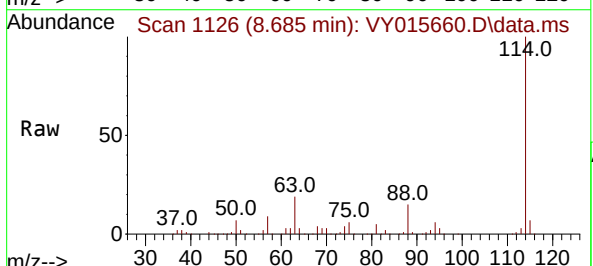
Tgt Ion: 114 Resp: 202610

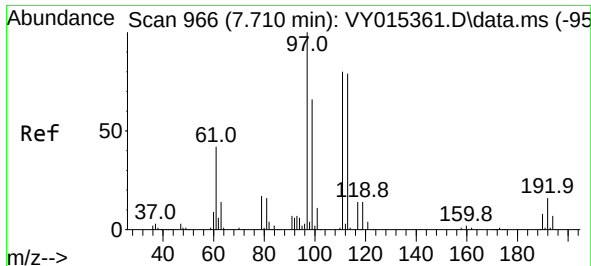
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.7 0.0 30.6

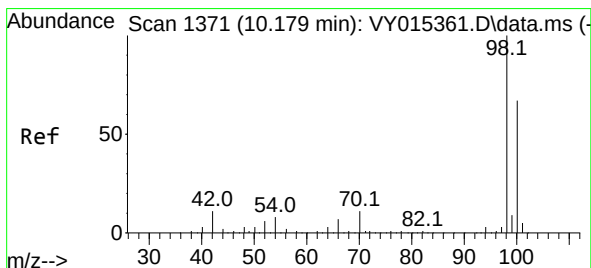
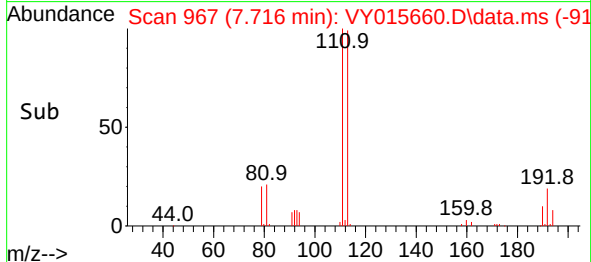
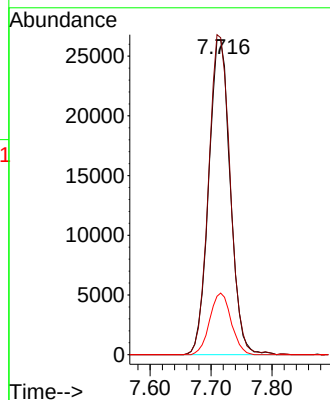
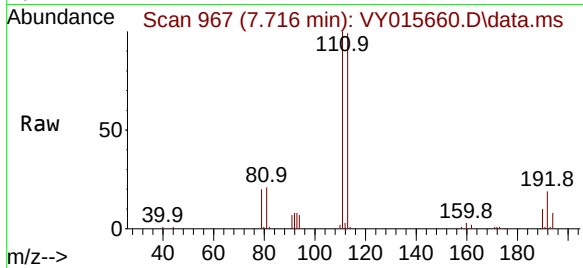




#35
Dibromofluoromethane
Concen: 53.404 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015660.D
Acq: 20 Sep 2023 15:42

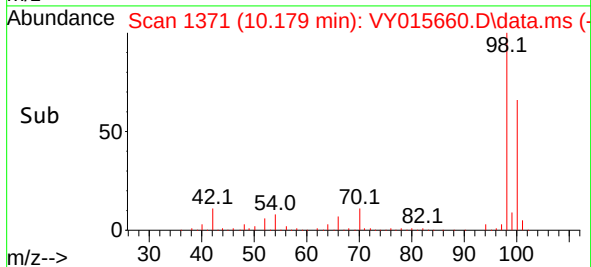
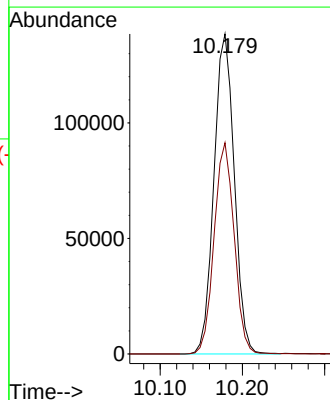
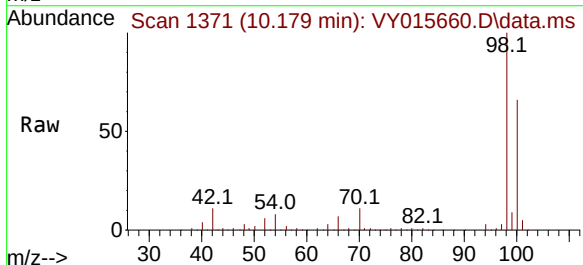
Instrument :
MSVOA_Y
ClientSampleId :
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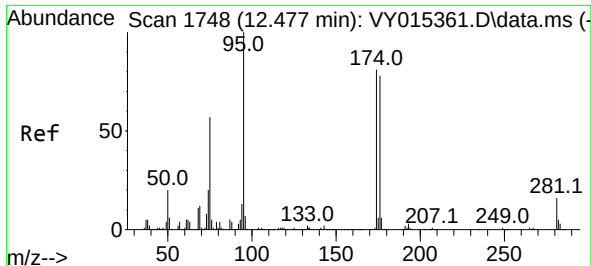
Tgt Ion:113 Resp: 64763
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 57.807 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015660.D
Acq: 20 Sep 2023 15:42

Tgt Ion: 98 Resp: 237692
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

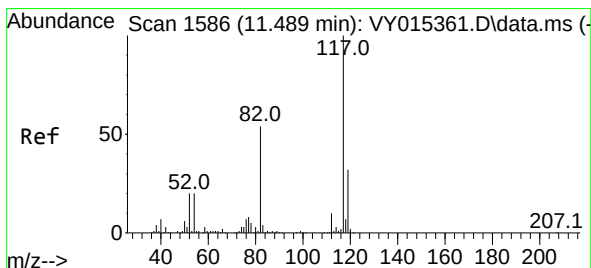
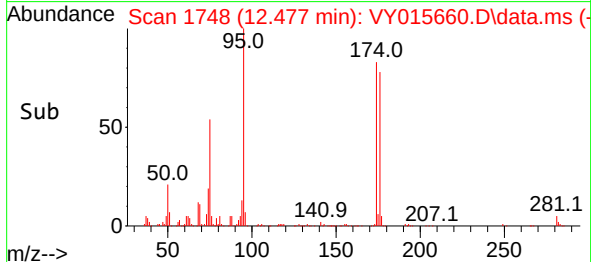
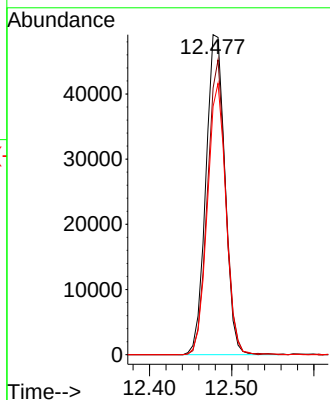
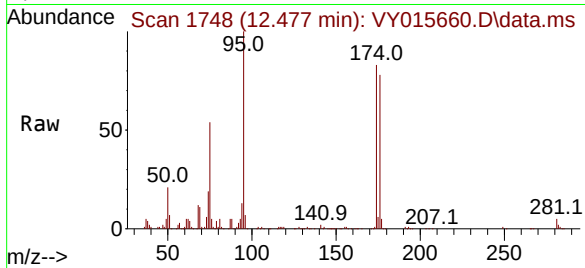




#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015660.D
Acq: 20 Sep 2023 15:42

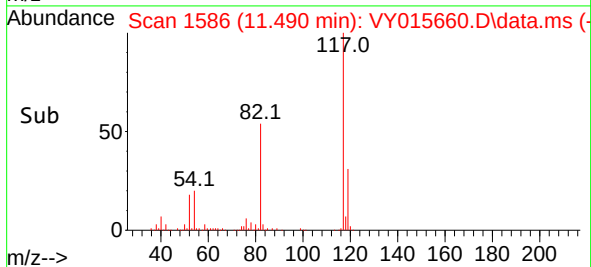
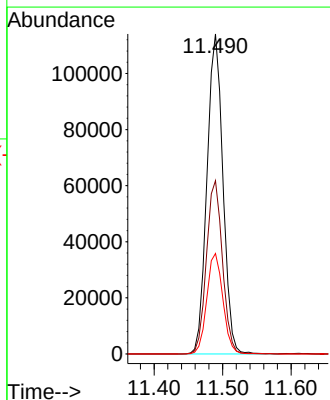
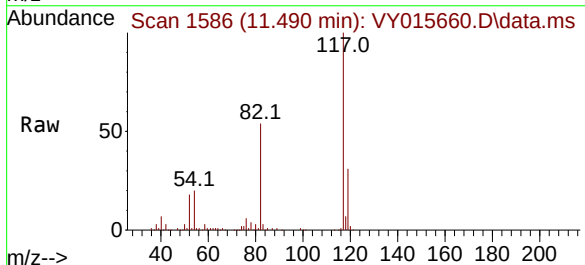
Instrument :
MSVOA_Y
ClientSampleId :
72-11986

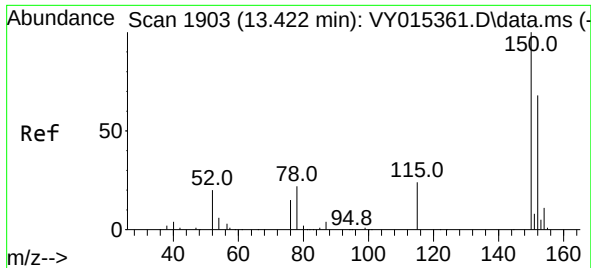
Tgt Ion: 95 Resp: 79007
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015660.D
Acq: 20 Sep 2023 15:42

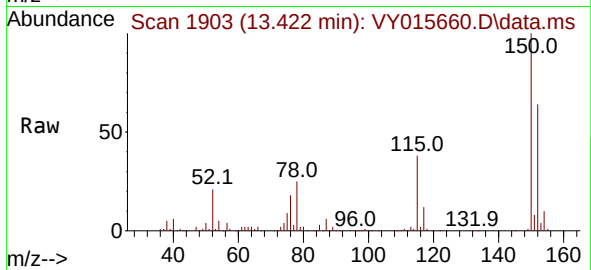
Tgt Ion: 117 Resp: 185087
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015660.D
 Acq: 20 Sep 2023 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11986



Tgt Ion:152 Resp: 85336
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 157.4 0.0 348.8

