

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015786.D
 Acq On : 02 Oct 2023 19:01
 Operator : SY/MD
 Sample : 04657-04
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 U-1(2-6IN)

Quant Time: Oct 03 01:26:50 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)

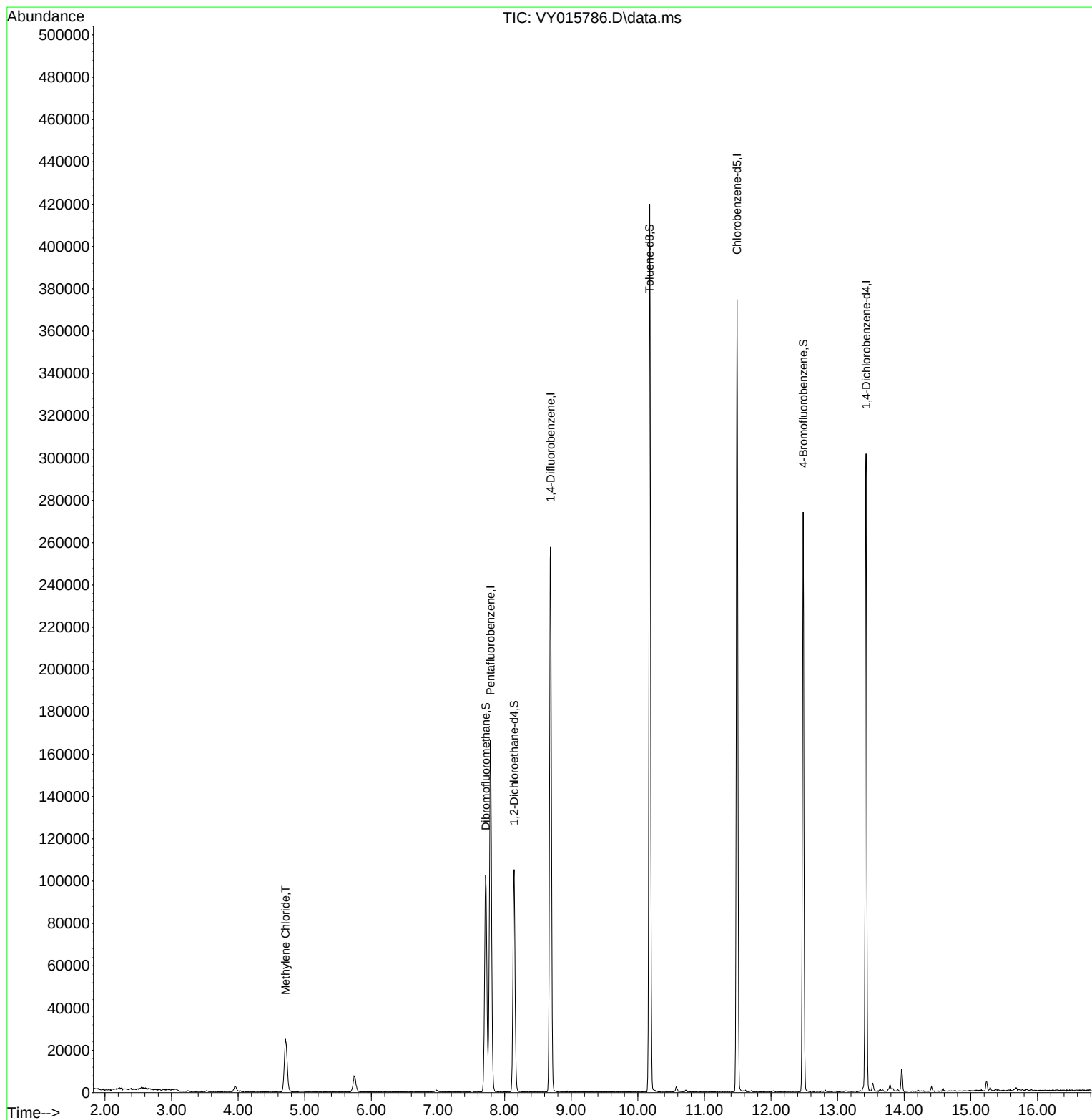
Internal Standards						
1) Pentafluorobenzene	7.789	168	127585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80690	57.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.716	113	73303	54.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.280%
50) Toluene-d8	10.179	98	264221	58.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.180%
62) 4-Bromofluorobenzene	12.483	95	79937	44.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.560%
Target Compounds						
20) Methylene Chloride	4.710	84	18890	7.353	ug/l	Qvalue 93

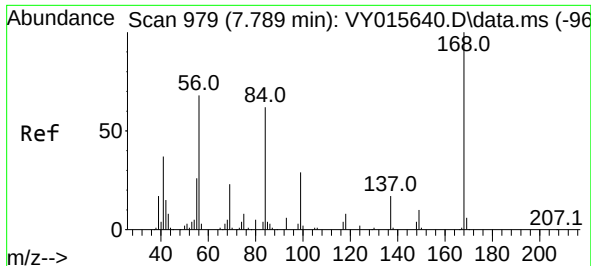
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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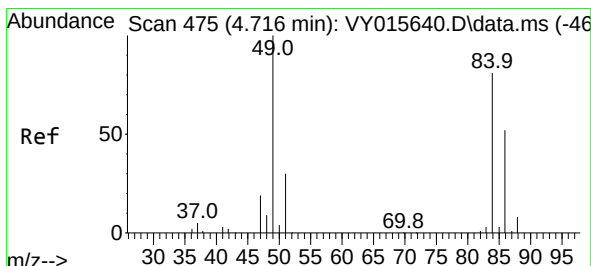
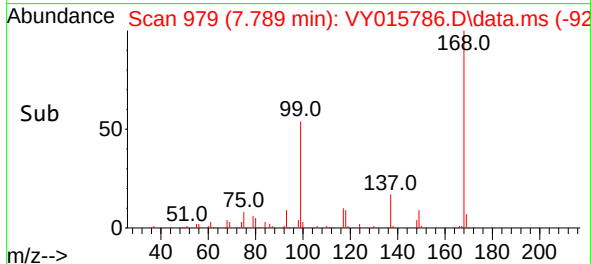
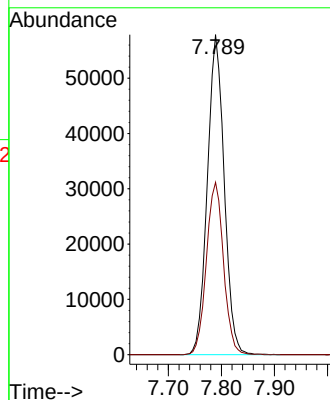
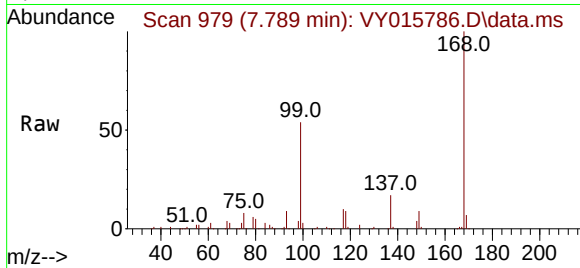




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

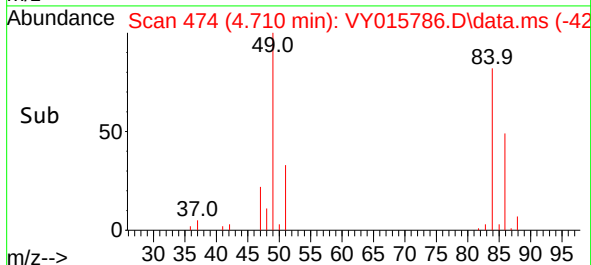
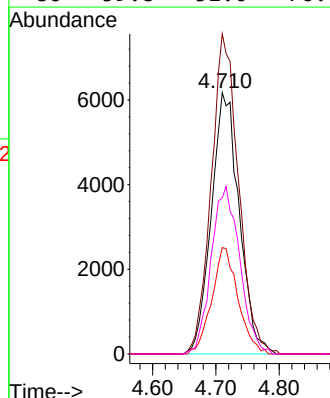
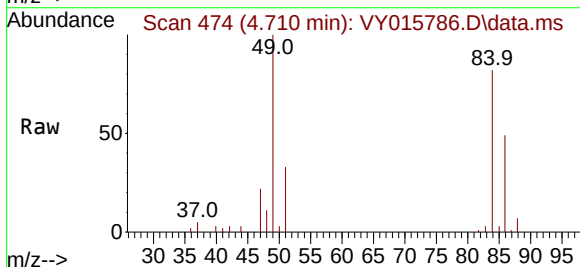
Instrument :
MSVOA_Y
ClientSampleId :
U-1(2-6IN)

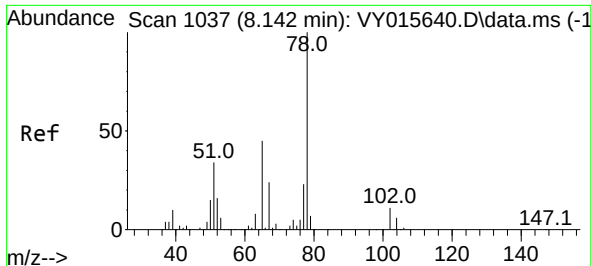
Tgt Ion:168 Resp: 127585
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#20
Methylene Chloride
Concen: 7.353 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Tgt Ion: 84 Resp: 18890
Ion Ratio Lower Upper
84 100
49 122.5 106.9 160.3
51 40.7 33.2 49.8
86 59.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.480 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015786.D

Acq: 02 Oct 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

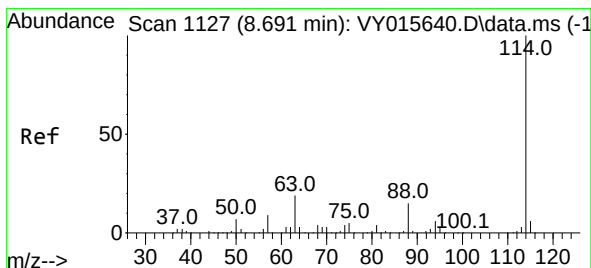
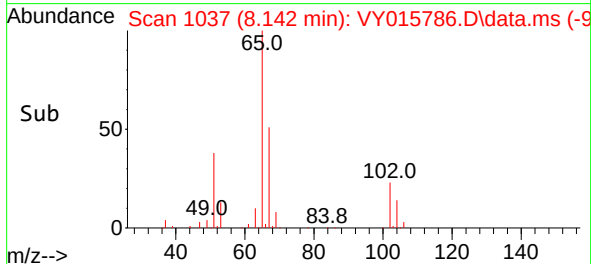
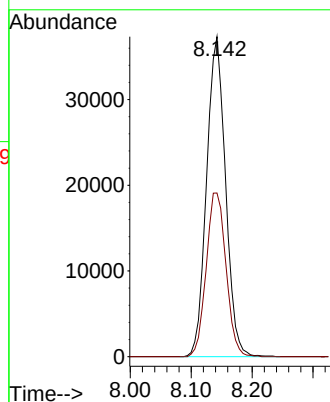
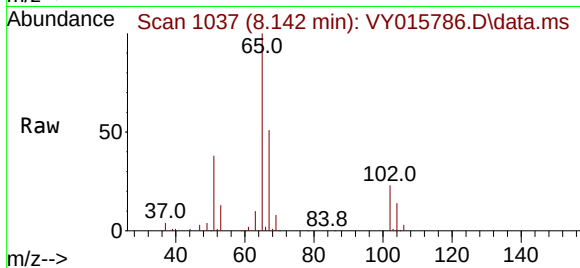
U-1(2-6IN)

Tgt Ion: 65 Resp: 80690

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015786.D

Acq: 02 Oct 2023 19:01

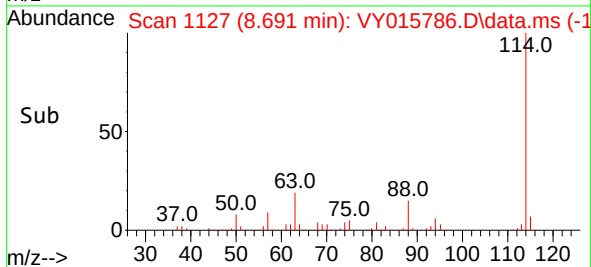
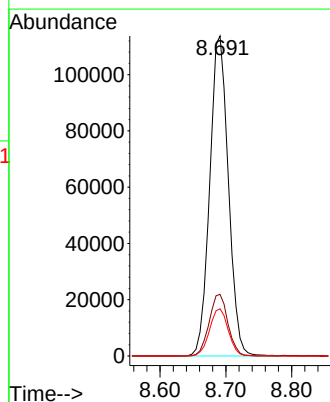
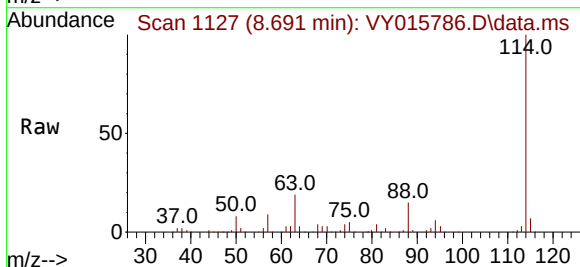
Tgt Ion: 114 Resp: 224141

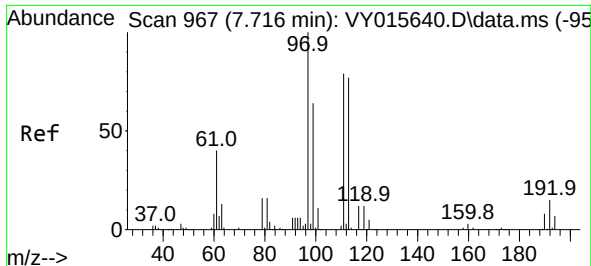
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6

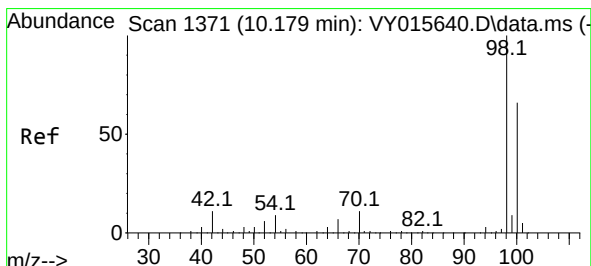
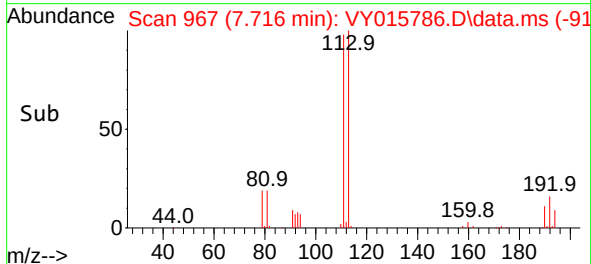
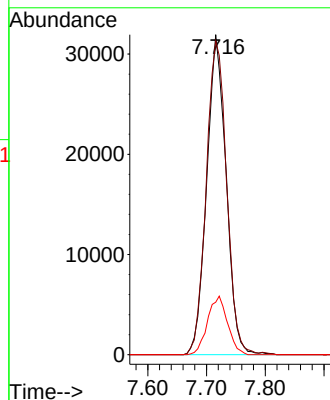
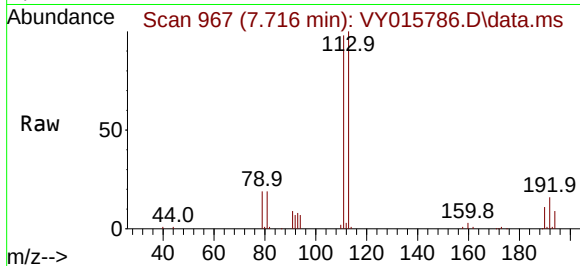




#35
Dibromofluoromethane
Concen: 54.640 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

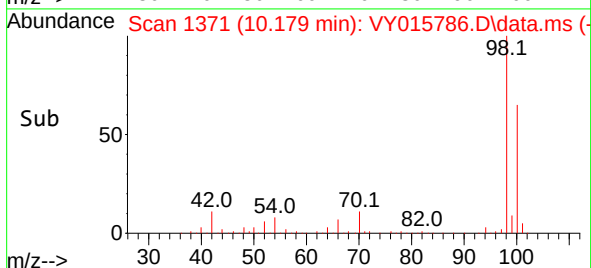
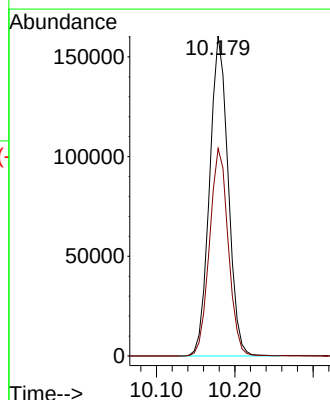
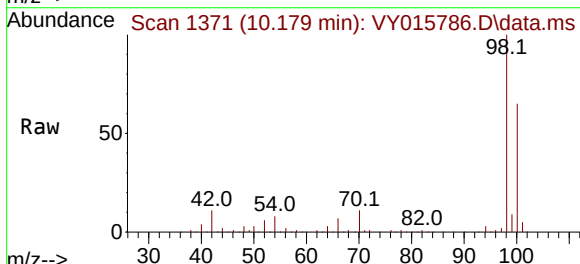
Instrument :
MSVOA_Y
ClientSampleId :
U-1(2-6IN)

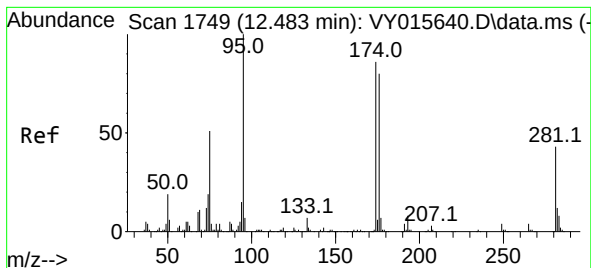
Tgt Ion:113 Resp: 73303
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 58.087 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Tgt Ion: 98 Resp: 264221
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

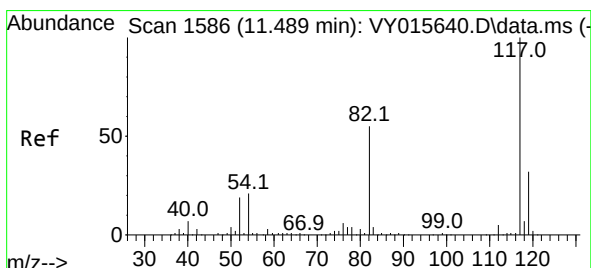
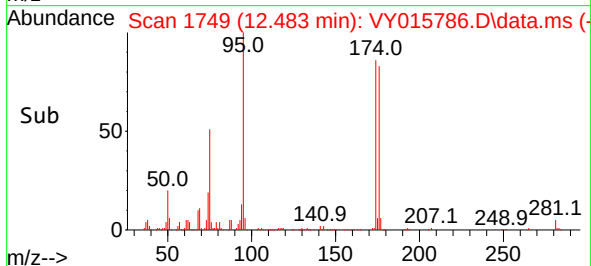
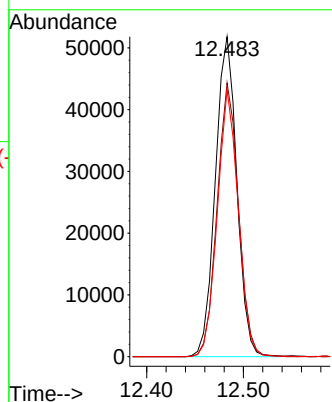
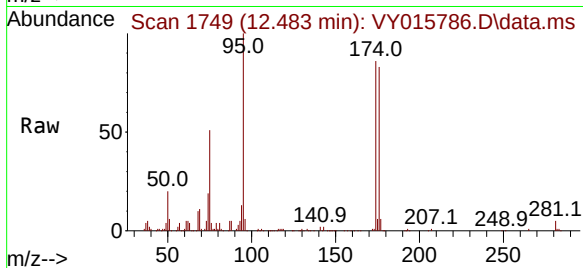




#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

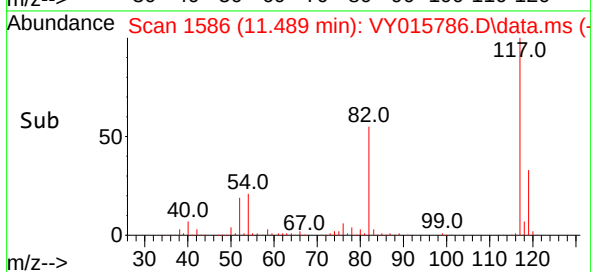
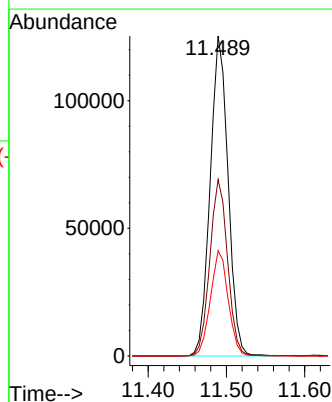
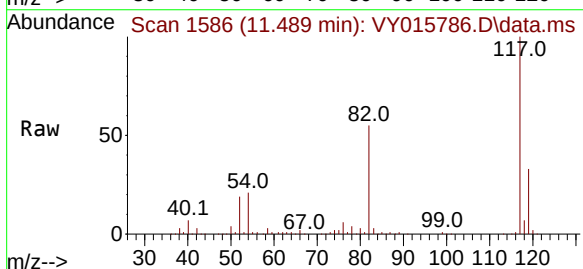
Instrument :
MSVOA_Y
ClientSampleId :
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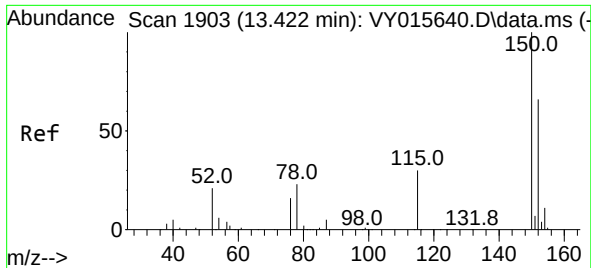
Tgt Ion: 95 Resp: 79937
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015786.D
Acq: 02 Oct 2023 19:01

Tgt Ion: 117 Resp: 199061
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015786.D

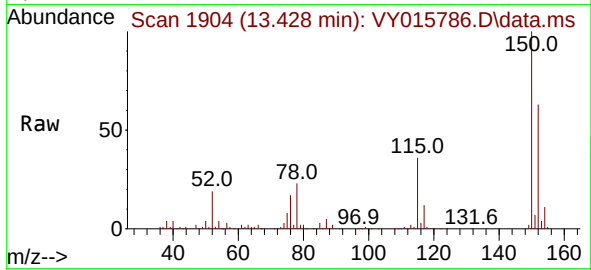
Acq: 02 Oct 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :

U-1(2-6IN)



Tgt Ion:152 Resp: 77241

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 159.3 0.0 348.8

