

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016167.D
 Acq On : 01 Nov 2023 14:40
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 02 02:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

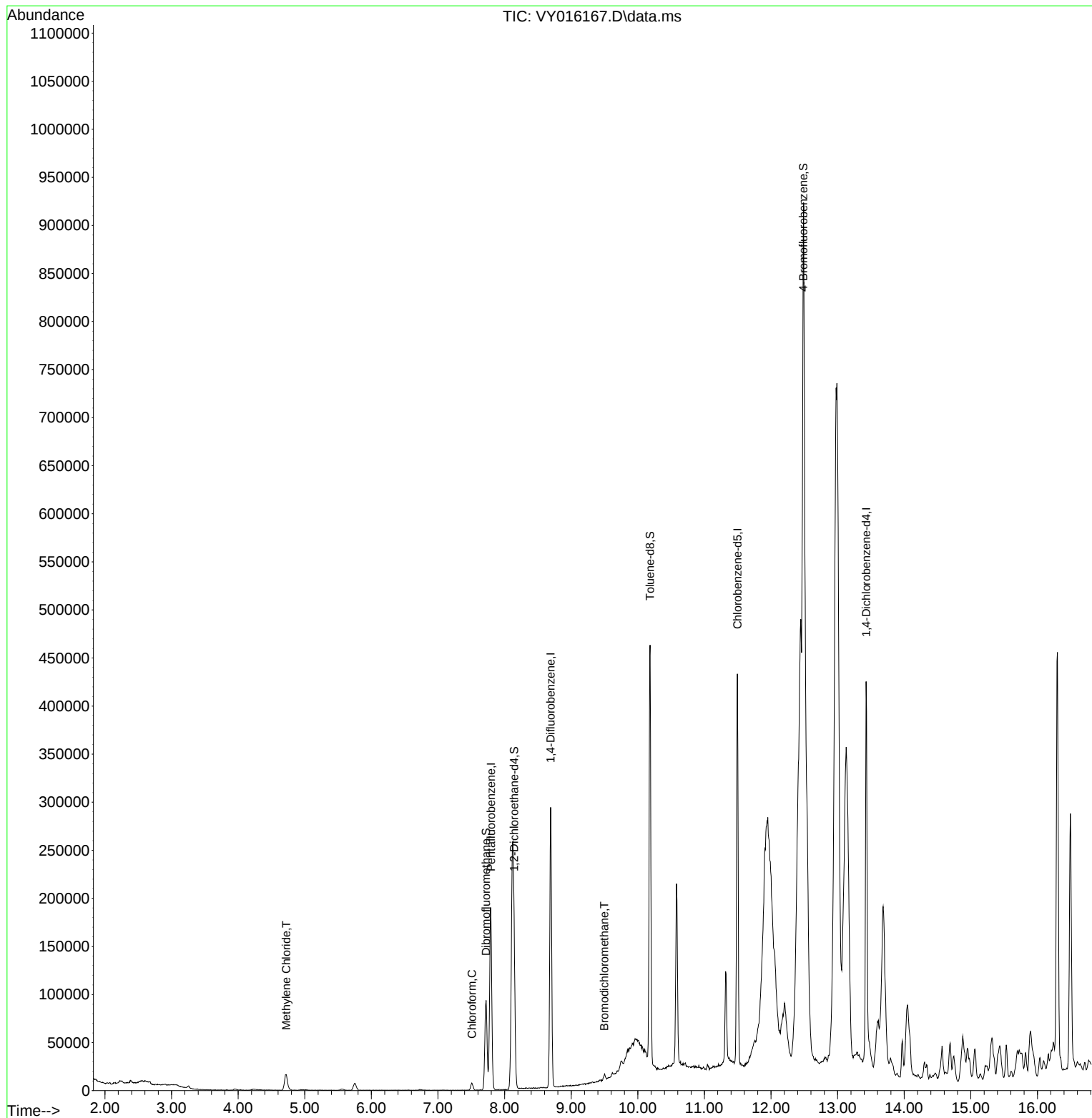
Internal Standards						
1) Pentafluorobenzene	7.795	168	150334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70446	50.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.160%
35) Dibromofluoromethane	7.722	113	67187	45.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.140%
50) Toluene-d8	10.185	98	294131	49.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.483	95	100362	49.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.320%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.722	84	12814	6.294	ug/l #	86
30) Chloroform	7.509	83	7684	2.865	ug/l	100
47) Bromodichloromethane	9.496	83	3565	1.664	ug/l #	88

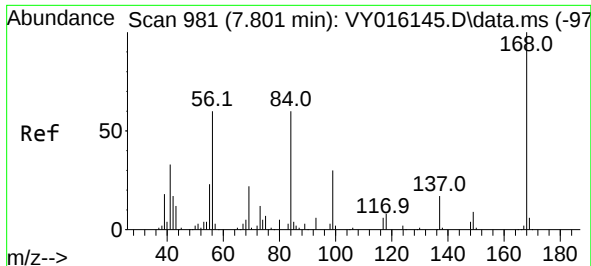
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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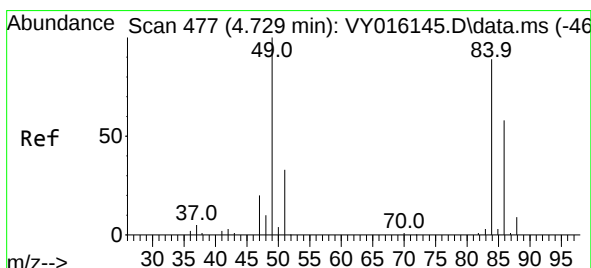
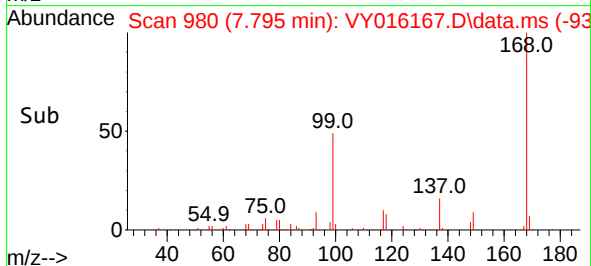
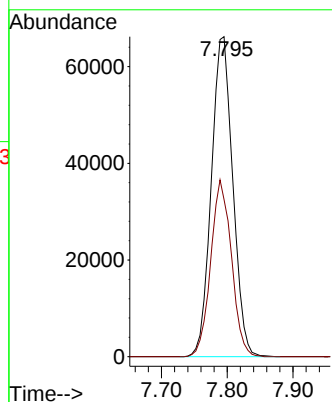
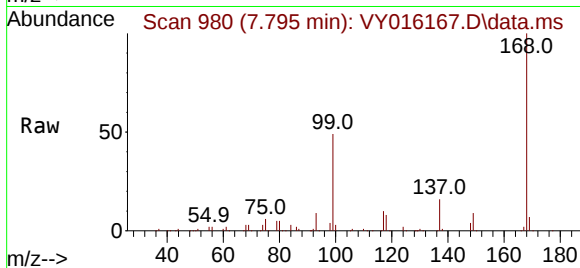




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

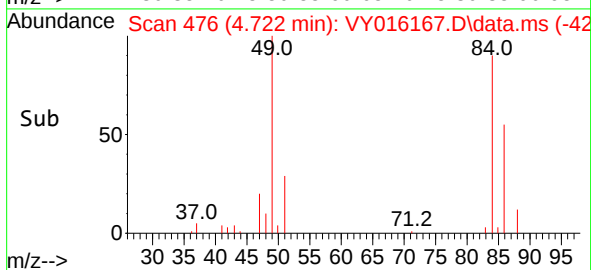
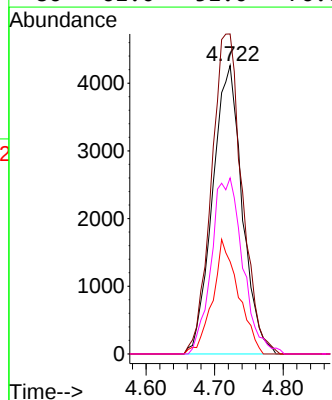
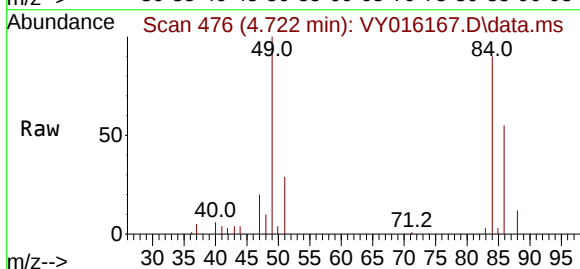
Instrument :
MSVOA_Y
ClientSampleId :
BLK

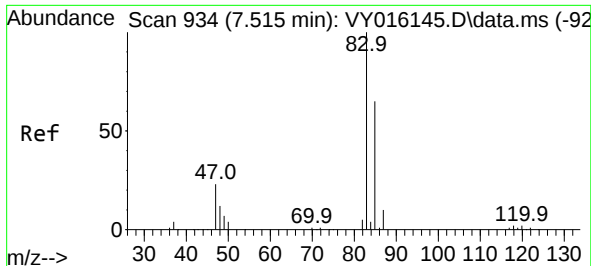
Tgt Ion:168 Resp: 150334
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.294 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

Tgt Ion: 84 Resp: 12814
Ion Ratio Lower Upper
84 100
49 110.9 106.9 160.3
51 32.0 33.2 49.8#
86 61.0 51.0 76.6

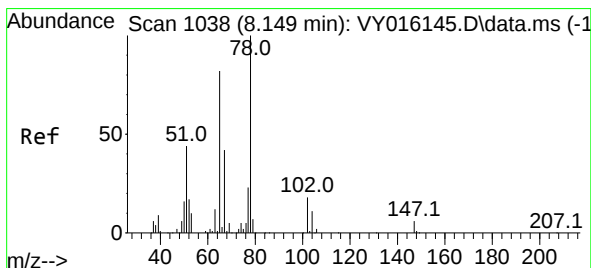
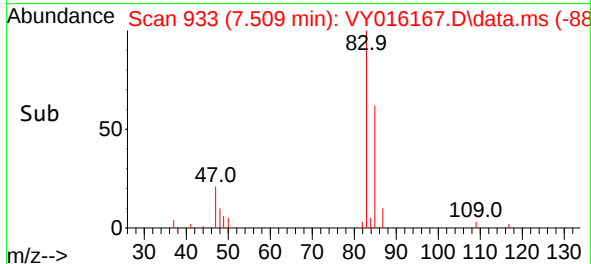
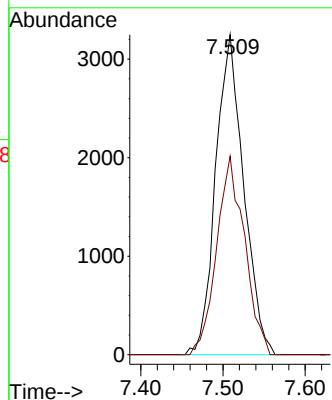
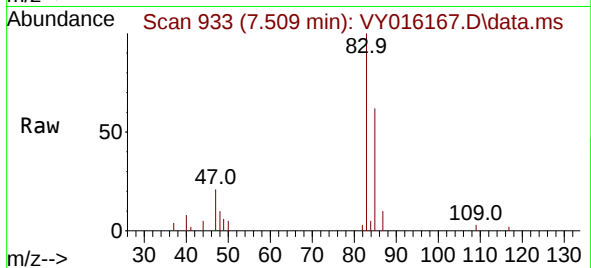




#30
Chloroform
Concen: 2.865 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

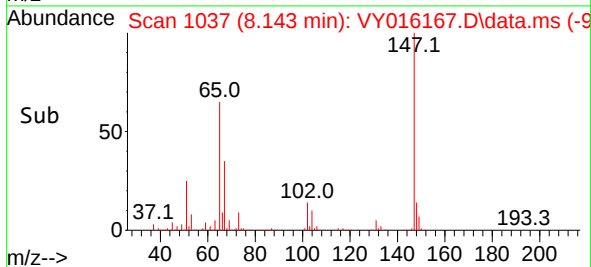
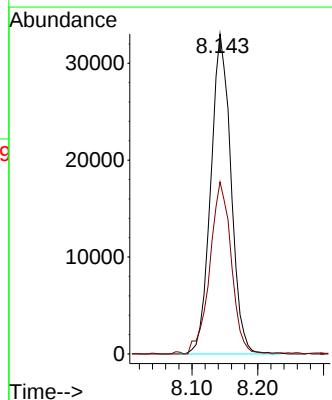
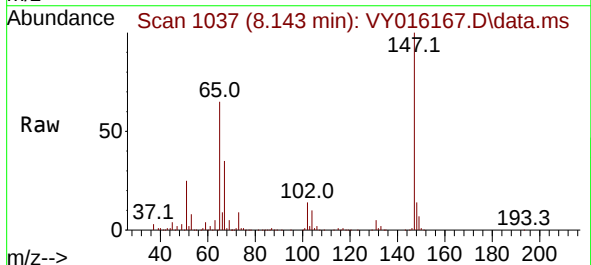
Instrument :
MSVOA_Y
ClientSampleId :
BLK

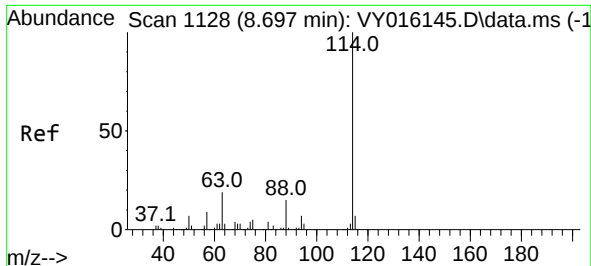
Tgt Ion: 83 Resp: 7684
Ion Ratio Lower Upper
83 100
85 62.0 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 50.078 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

Tgt Ion: 65 Resp: 70446
Ion Ratio Lower Upper
65 100
67 57.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016167.D

Acq: 01 Nov 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

BLK

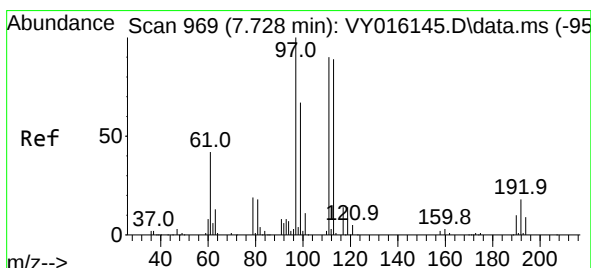
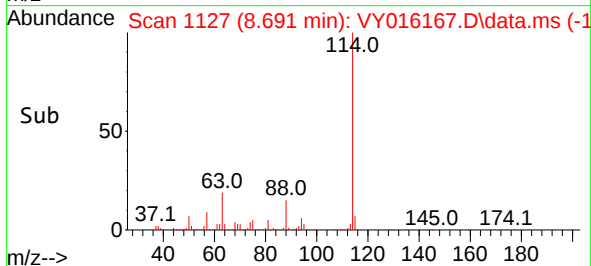
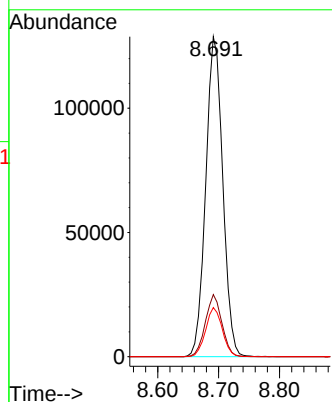
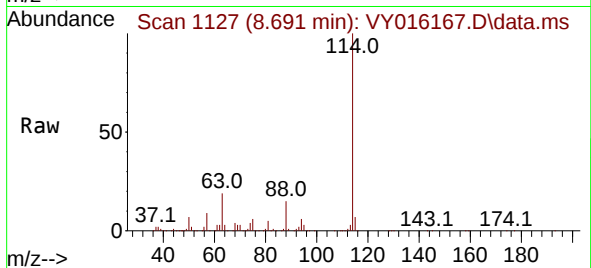
Tgt Ion:114 Resp: 250053

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.069 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016167.D

Acq: 01 Nov 2023 14:40

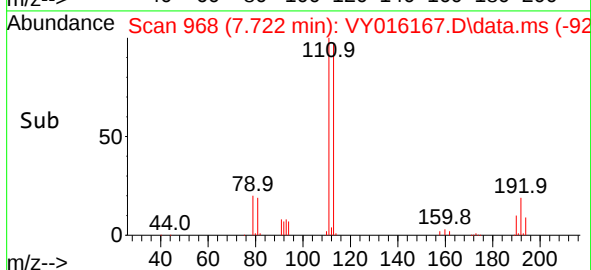
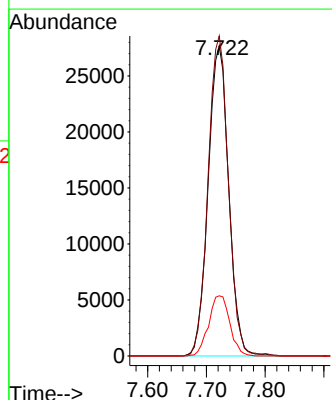
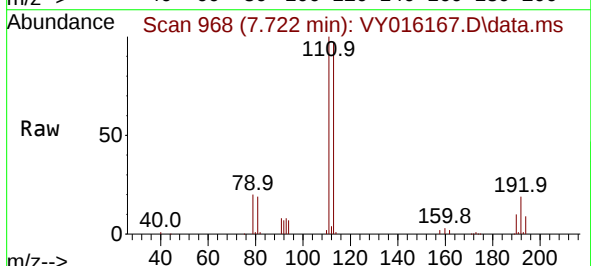
Tgt Ion:113 Resp: 67187

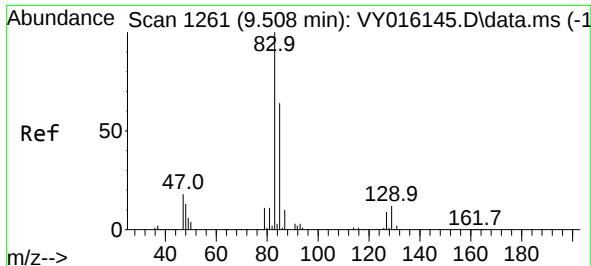
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.9 16.9 25.3

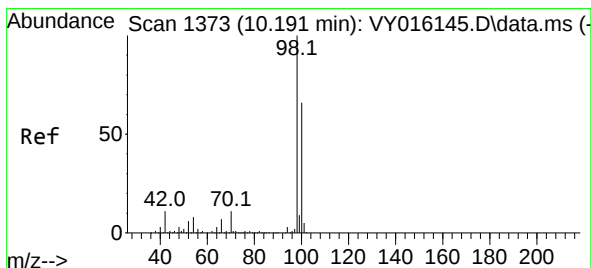
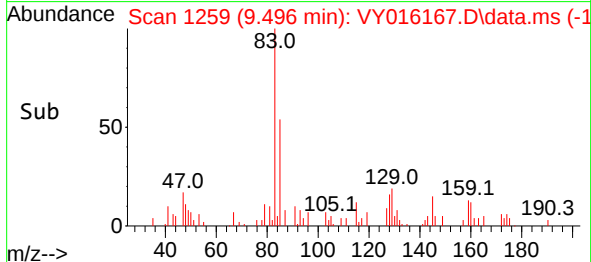
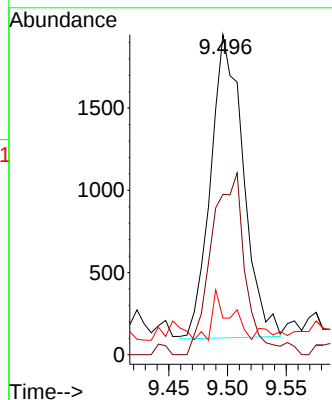
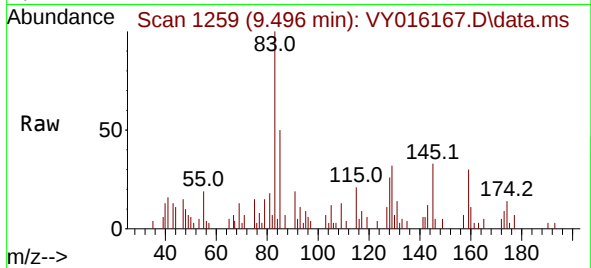




#47
Bromodichloromethane
Concen: 1.664 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

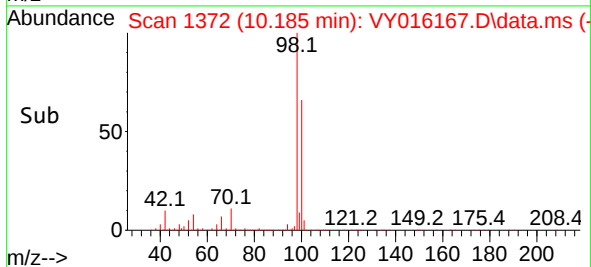
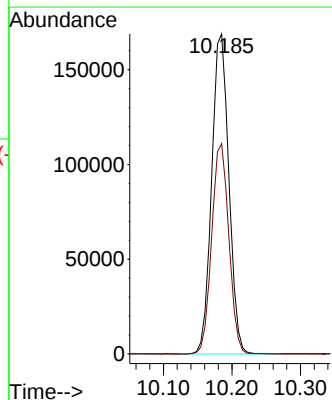
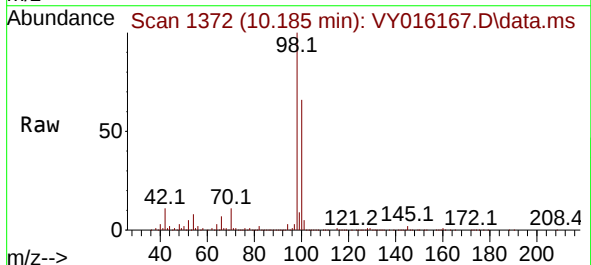
Instrument :
MSVOA_Y
ClientSampleId :
BLK

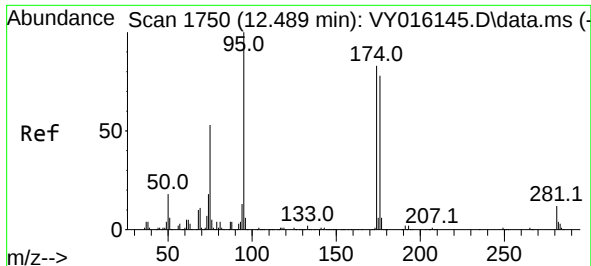
Tgt Ion: 83 Resp: 3565
Ion Ratio Lower Upper
83 100
85 53.2 50.1 75.1
127 4.4 7.1 10.7#



#50
Toluene-d8
Concen: 49.764 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

Tgt Ion: 98 Resp: 294131
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

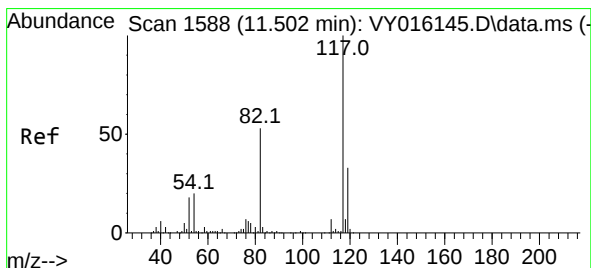
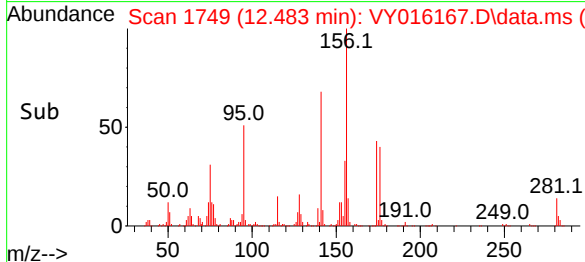
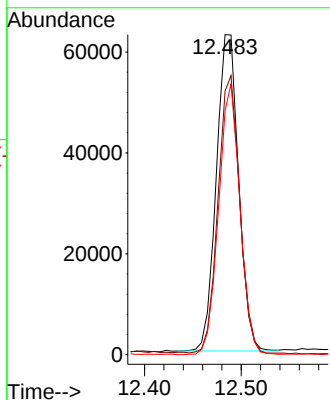
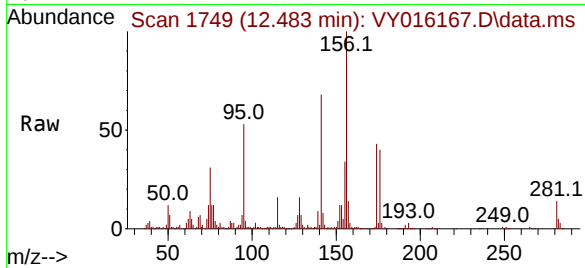




#62
4-Bromofluorobenzene
Concen: 49.658 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

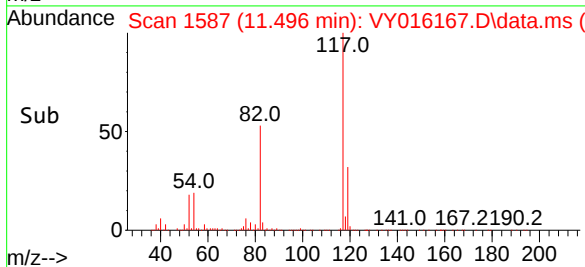
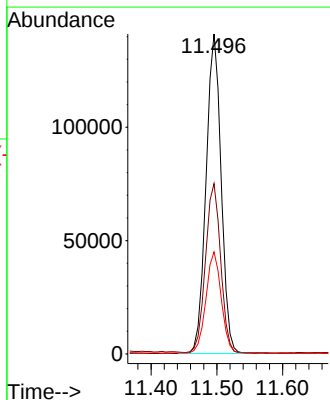
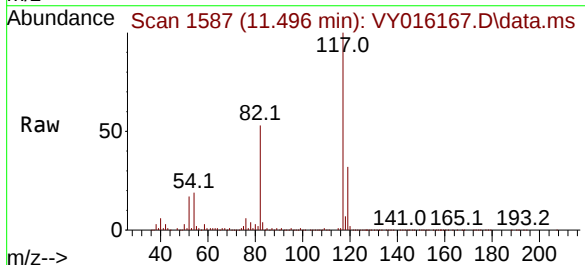
Instrument :
MSVOA_Y
ClientSampleId :
BLK

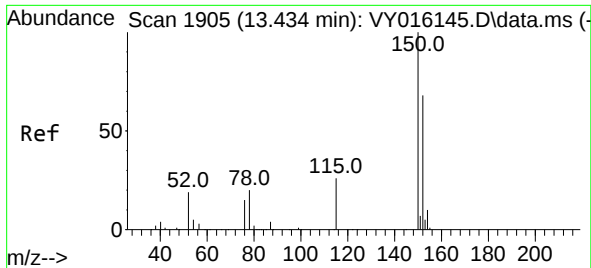
Tgt Ion: 95 Resp: 100362
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016167.D
Acq: 01 Nov 2023 14:40

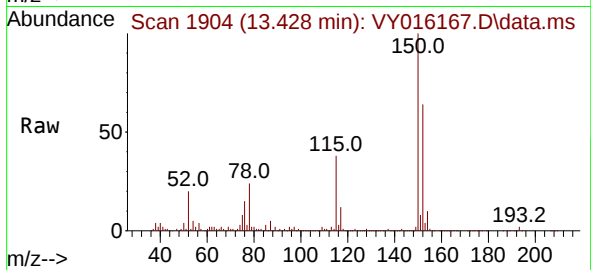
Tgt Ion: 117 Resp: 224692
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016167.D
 Acq: 01 Nov 2023 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK



Tgt Ion:152 Resp: 102691
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.8 86.5
 150 154.1 0.0 348.8

