

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016165.D
 Acq On : 01 Nov 2023 13:53
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 02 02:24:40 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)

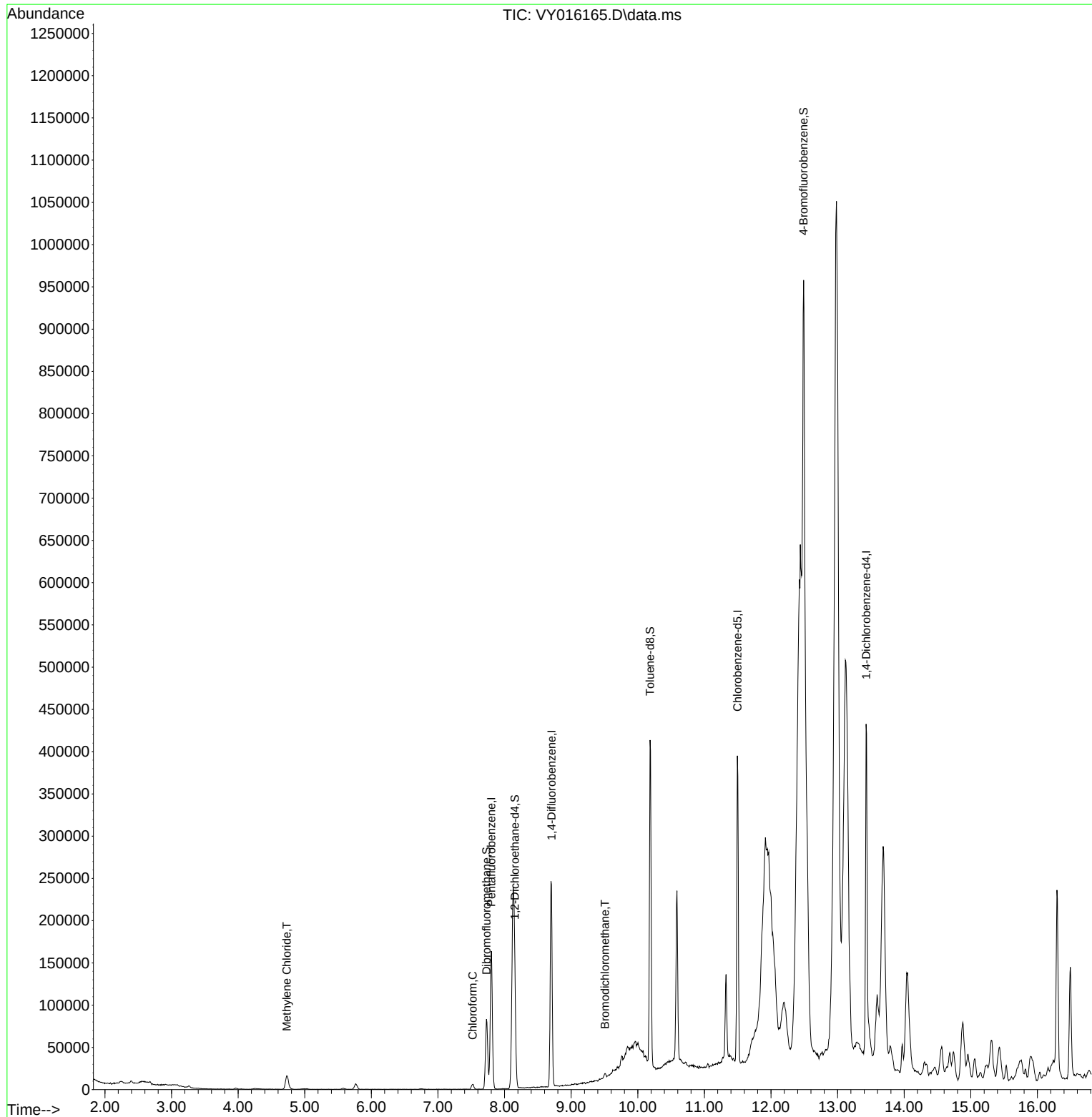
Internal Standards						
1) Pentafluorobenzene	7.801	168	127680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	214881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	70722	59.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.380%
35) Dibromofluoromethane	7.728	113	59294	46.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.185	98	258563	50.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.489	95	93106	53.608	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.220%
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	12685	7.873	ug/l	86
30) Chloroform	7.521	83	6107	2.681	ug/l	98
47) Bromodichloromethane	9.508	83	3519	1.911	ug/l	95

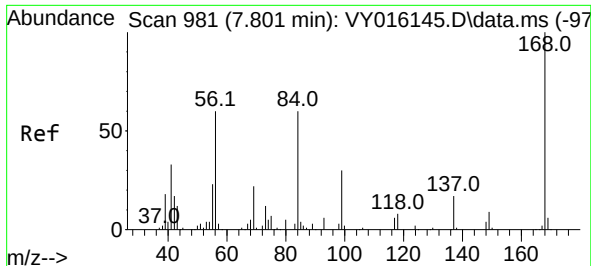
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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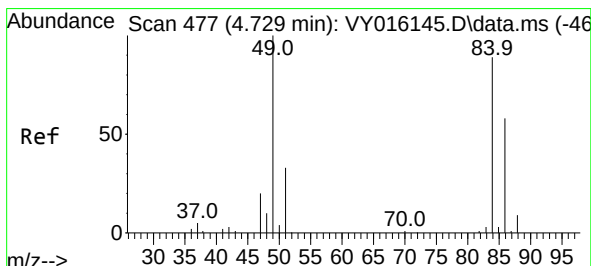
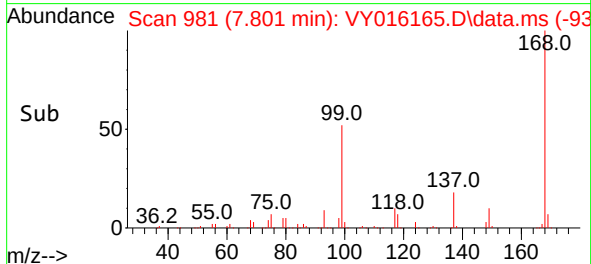
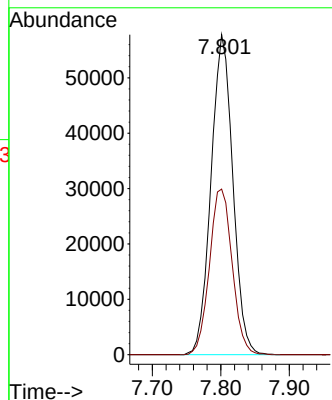
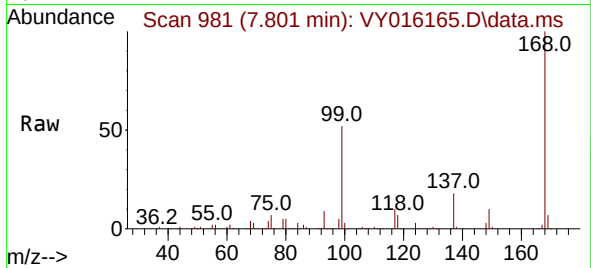




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

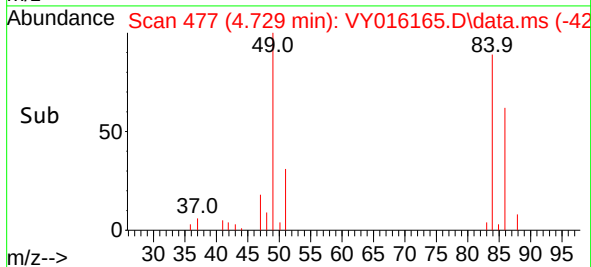
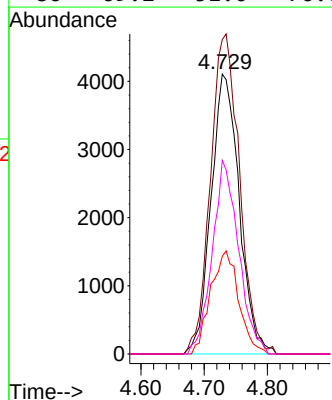
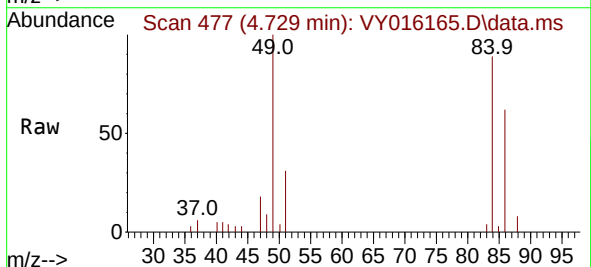
Instrument :
MSVOA_Y
ClientSampleId :
BLK

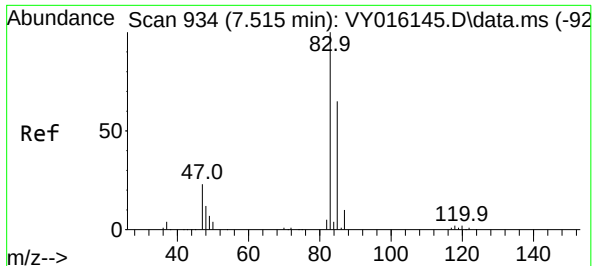
Tgt Ion:168 Resp: 127680
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#20
Methylene Chloride
Concen: 7.873 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

Tgt Ion: 84 Resp: 12685
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 34.9 33.2 49.8
86 69.2 51.0 76.6

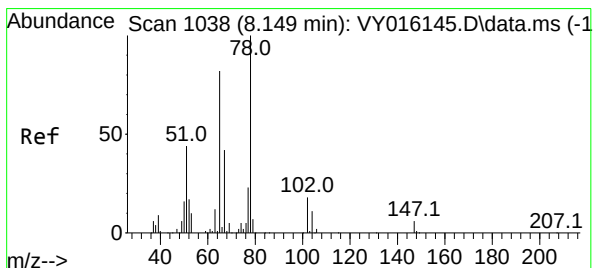
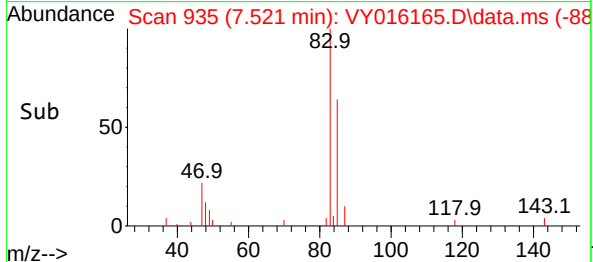
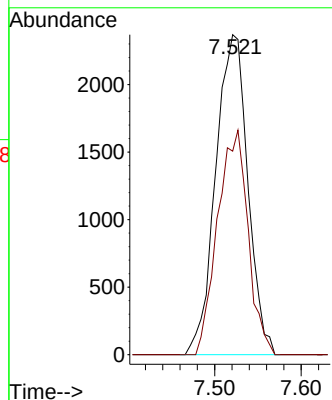
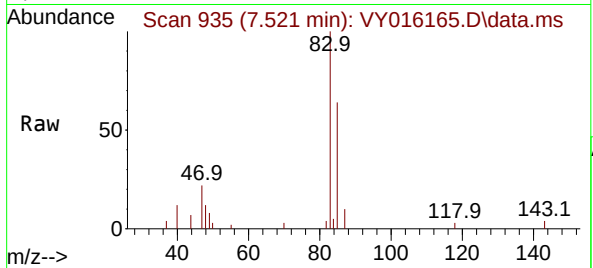




#30
Chloroform
Concen: 2.681 ug/l
RT: 7.521 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

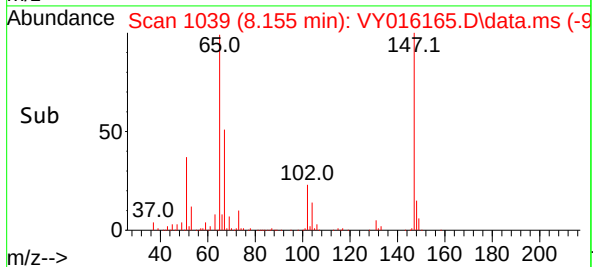
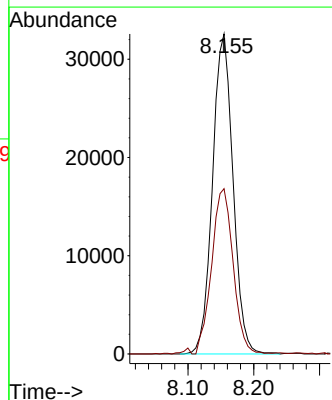
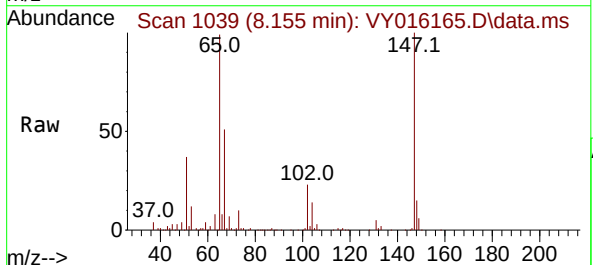
Instrument :
MSVOA_Y
ClientSampleId :
BLK

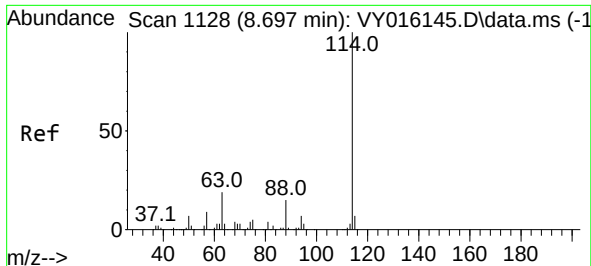
Tgt Ion: 83 Resp: 6107
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 59.194 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

Tgt Ion: 65 Resp: 70722
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016165.D

Acq: 01 Nov 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

BLK

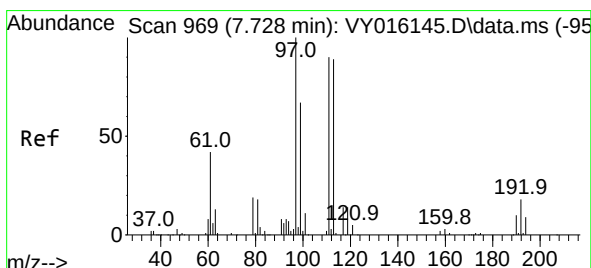
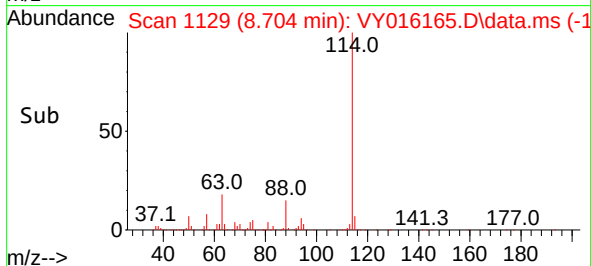
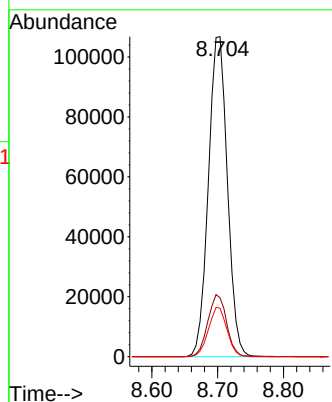
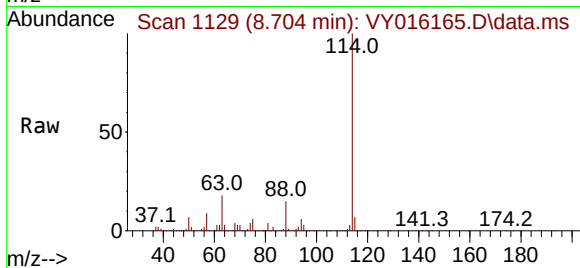
Tgt Ion:114 Resp: 214881

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.285 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016165.D

Acq: 01 Nov 2023 13:53

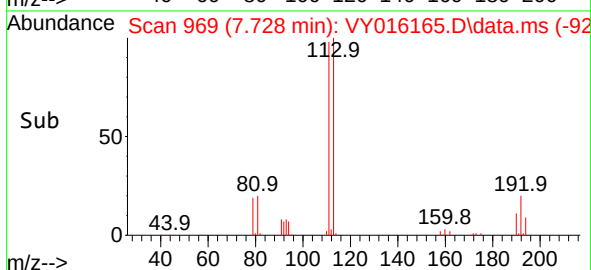
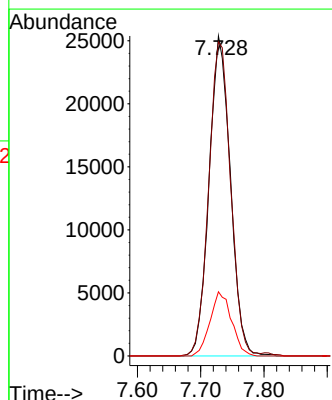
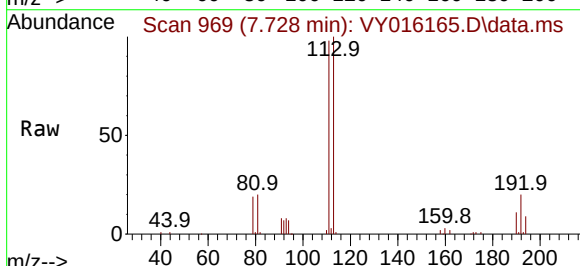
Tgt Ion:113 Resp: 59294

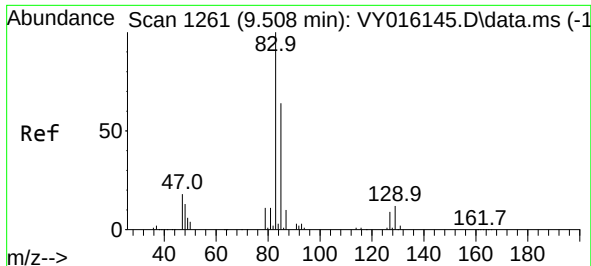
Ion Ratio Lower Upper

113 100

111 100.7 81.3 121.9

192 20.3 16.9 25.3

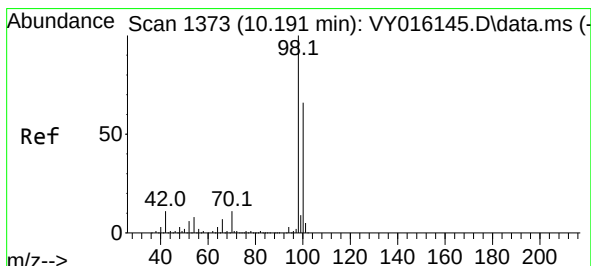
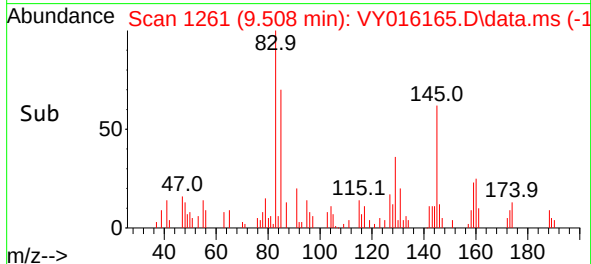
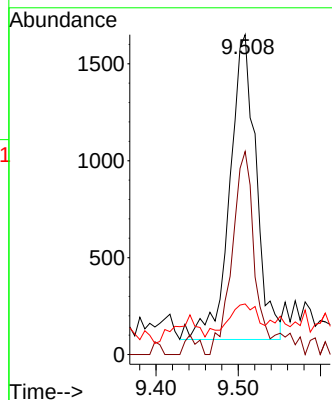
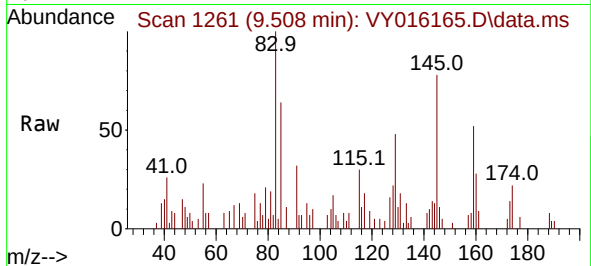




#47
Bromodichloromethane
Concen: 1.911 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

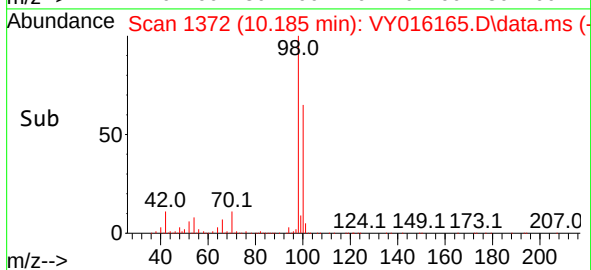
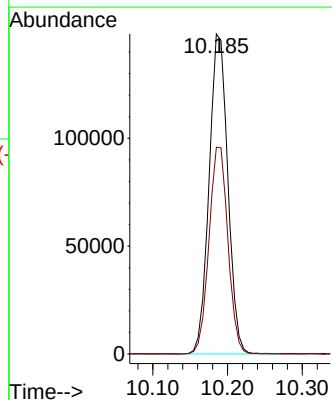
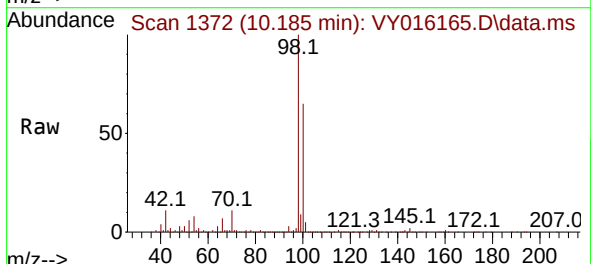
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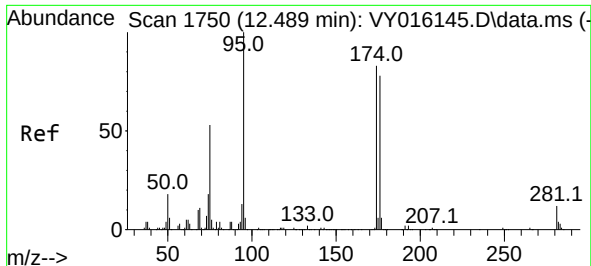
Tgt Ion: 83 Resp: 3519
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 7.4 7.1 10.7



#50
Toluene-d8
Concen: 50.907 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

Tgt Ion: 98 Resp: 258563
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

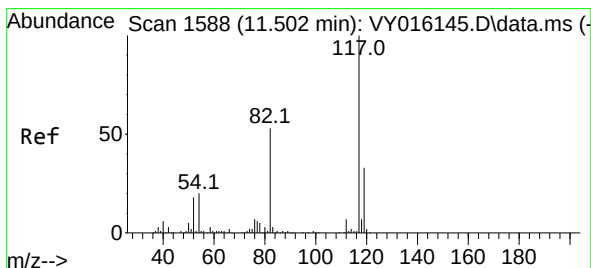
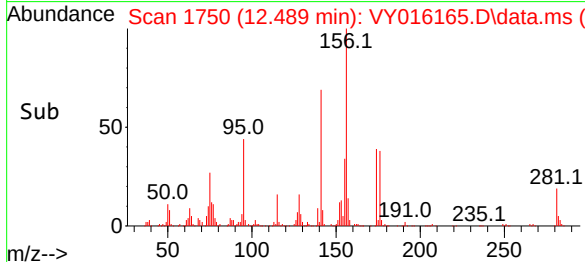
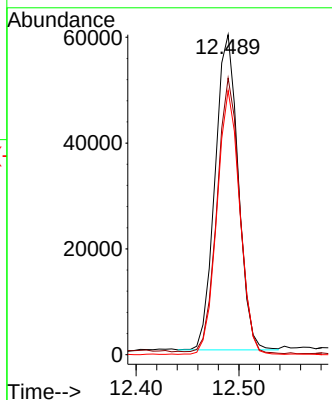
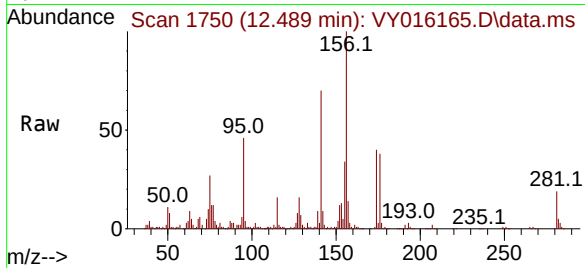




#62
4-Bromofluorobenzene
Concen: 53.608 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

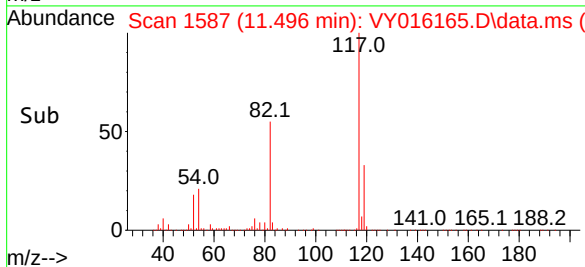
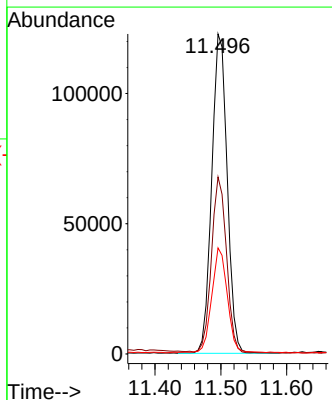
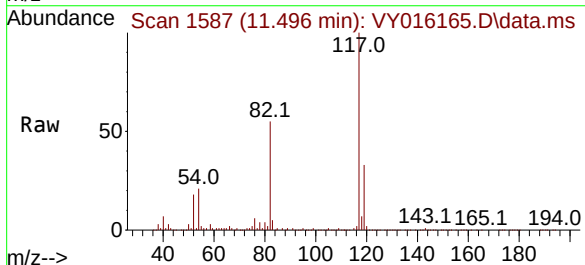
Instrument :
MSVOA_Y
ClientSampleId :
BLK

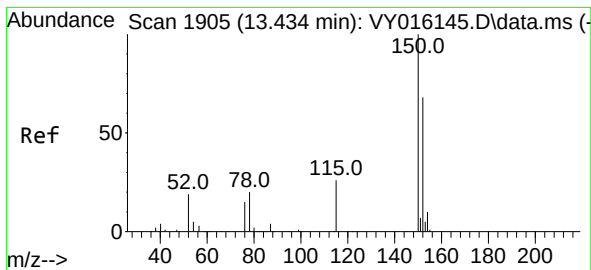
Tgt Ion: 95 Resp: 93106
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016165.D
Acq: 01 Nov 2023 13:53

Tgt Ion: 117 Resp: 200539
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016165.D
 Acq: 01 Nov 2023 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Tgt Ion:152 Resp: 99158
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.8 86.5
 150 155.3 0.0 348.8

