

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016413.D
 Acq On : 17 Nov 2023 16:29
 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 18 05:21:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

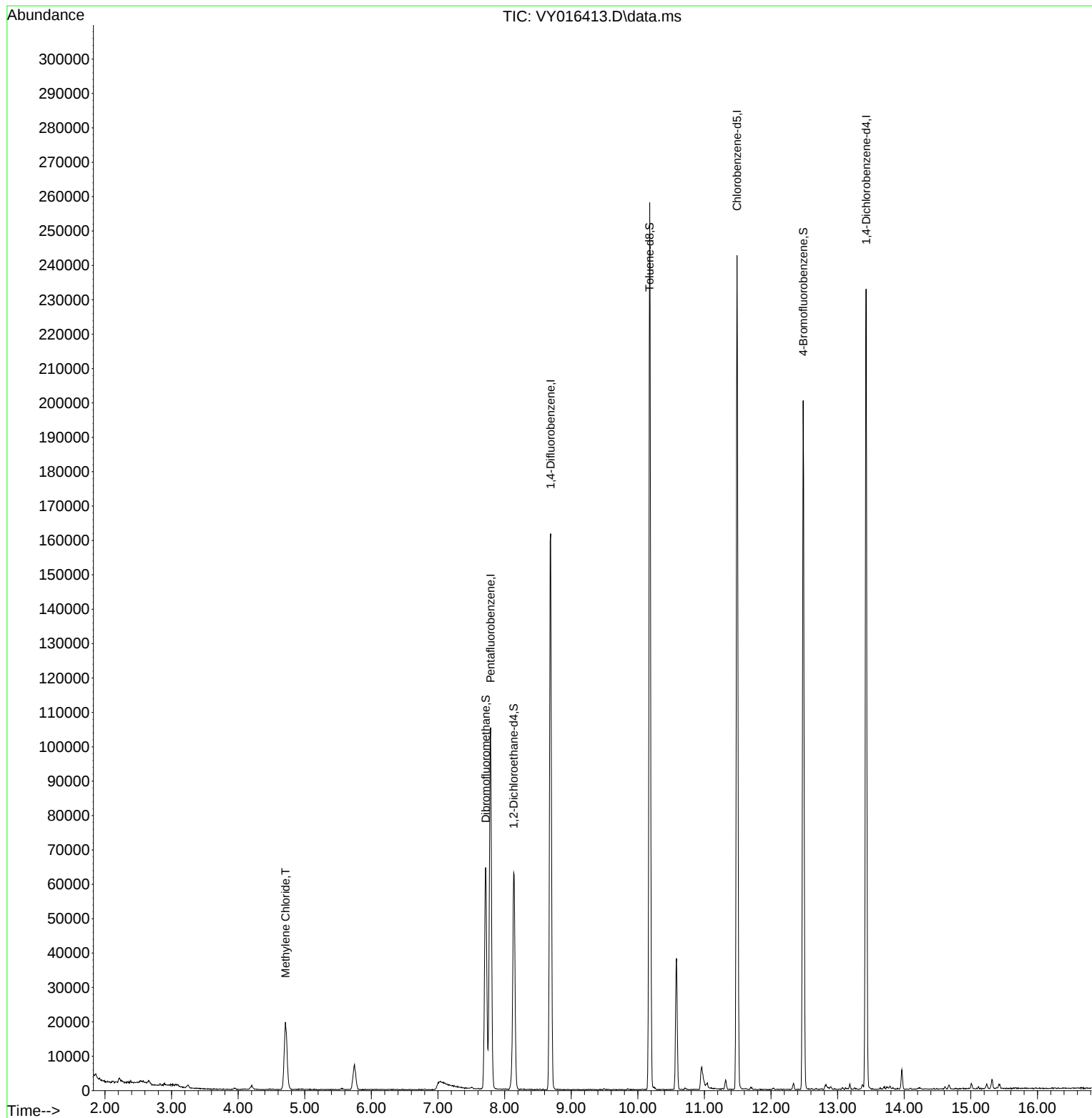
Internal Standards						
1) Pentafluorobenzene	7.789	168	82440	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	145401	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	138522	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	62523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50084	66.471	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.716	113	46668	56.501	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.000%	
50) Toluene-d8	10.179	98	170997	51.052	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.483	95	56830	52.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.480%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	15663	15.380	ug/l	84

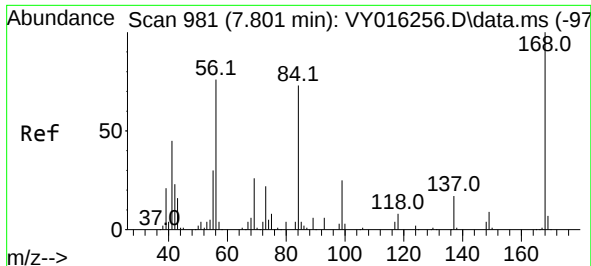
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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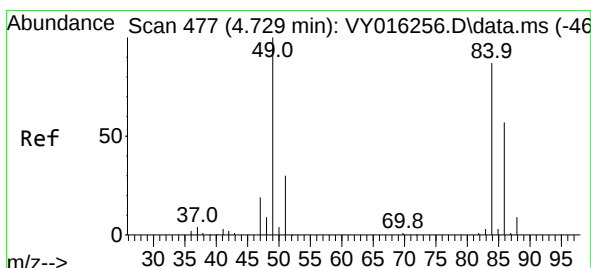
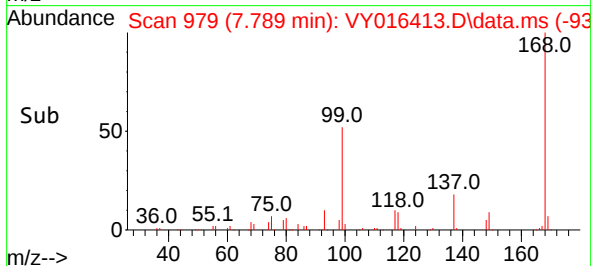
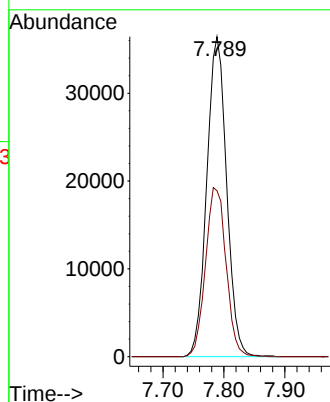
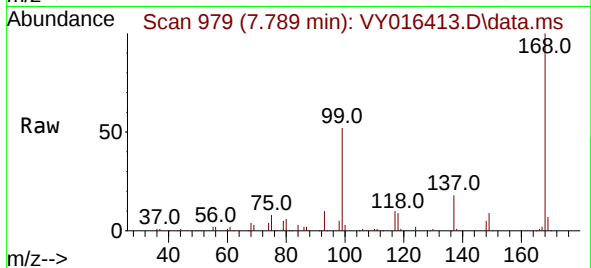




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

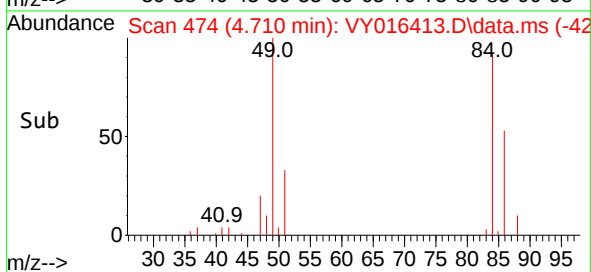
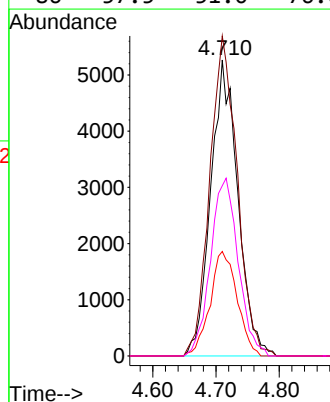
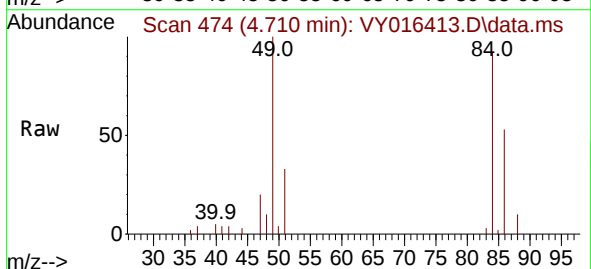
Instrument :
MSVOA_Y
ClientSampleId :
BLK

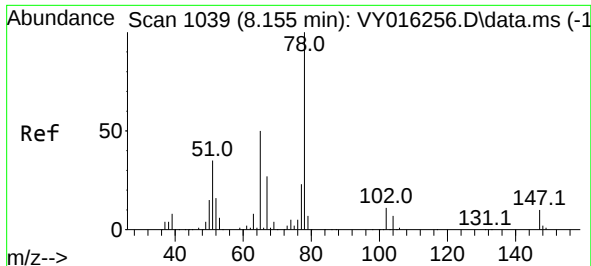
Tgt Ion:168 Resp: 82440
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#20
Methylene Chloride
Concen: 15.380 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 84 Resp: 15663
Ion Ratio Lower Upper
84 100
49 108.1 106.9 160.3
51 35.3 33.2 49.8
86 57.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.471 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.019 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

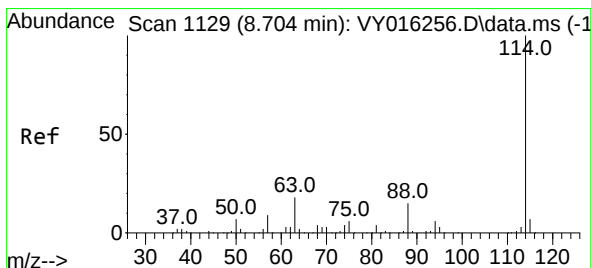
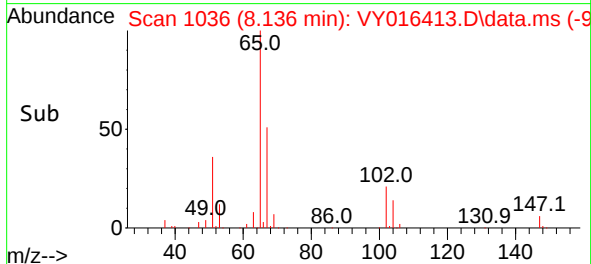
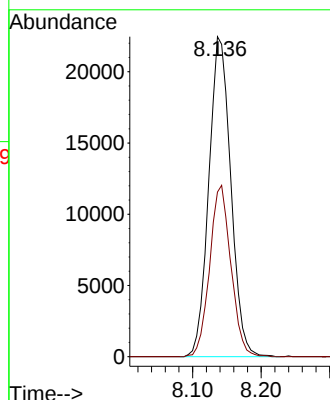
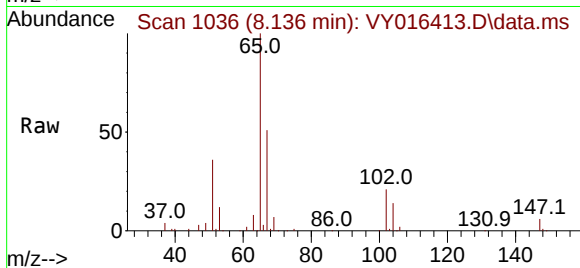
BLK

Tgt Ion: 65 Resp: 50084

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

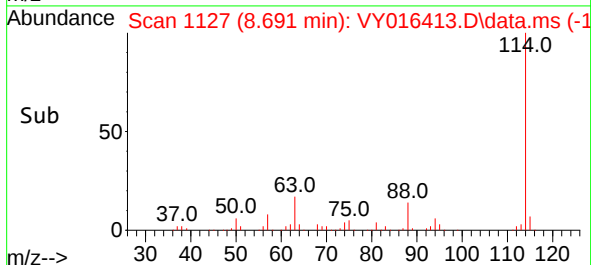
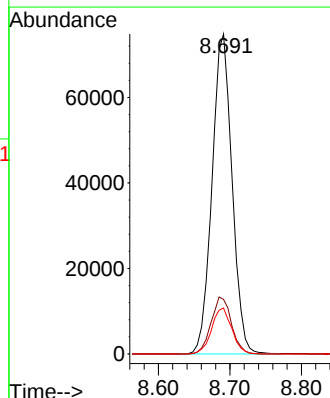
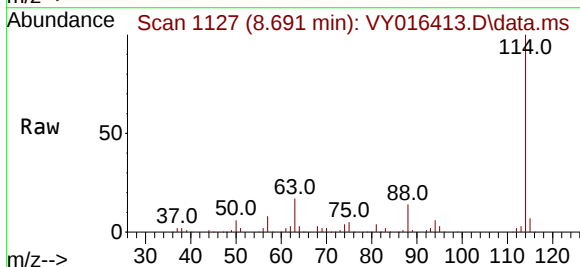
Tgt Ion: 114 Resp: 145401

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

88 14.4 0.0 30.6

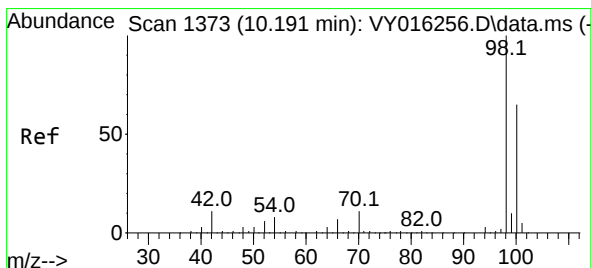
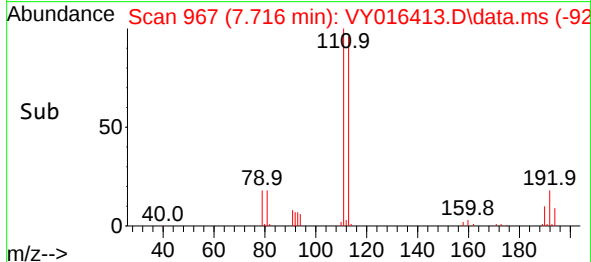
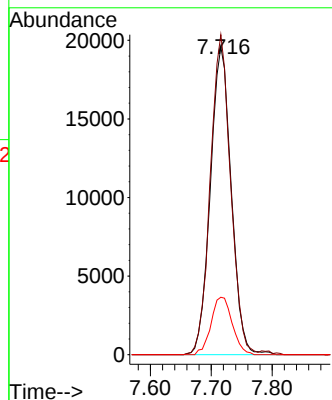
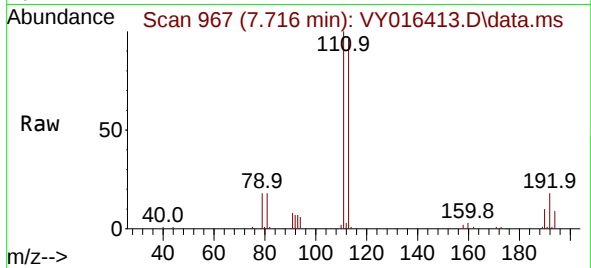




#35
Dibromofluoromethane
Concen: 56.501 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.019 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

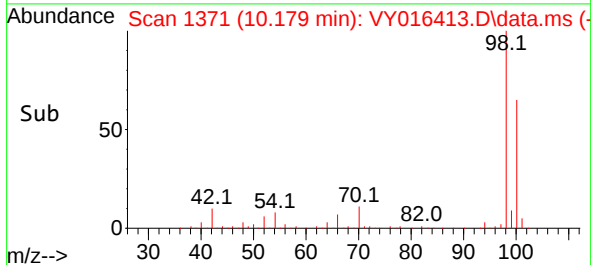
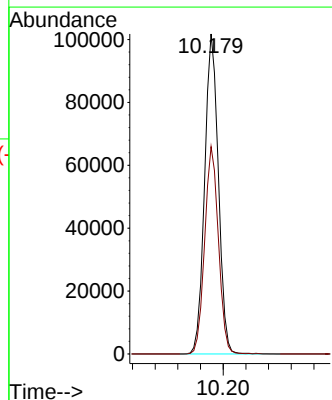
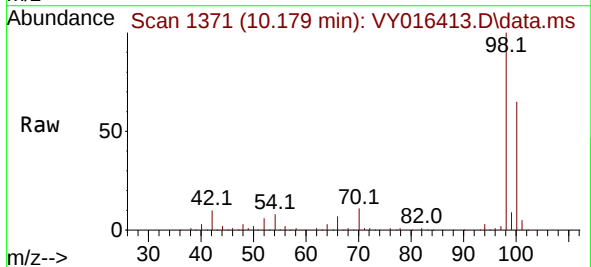
Instrument :
MSVOA_Y
ClientSampleId :
BLK

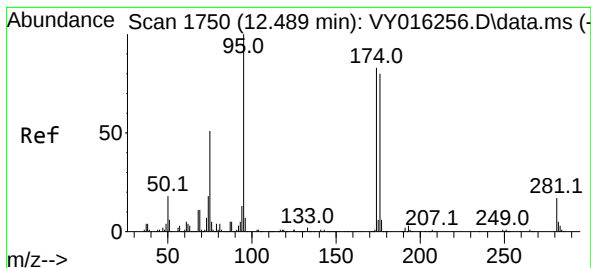
Tgt Ion:113 Resp: 46668
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 51.052 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.013 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 98 Resp: 170997
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

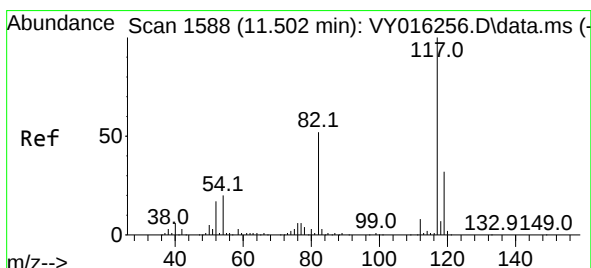
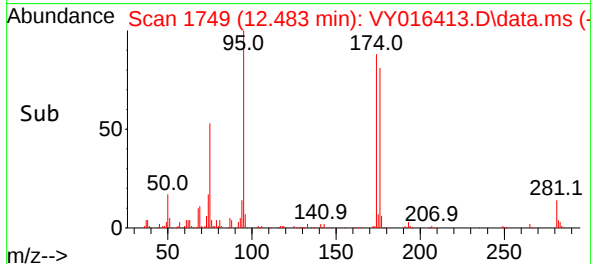
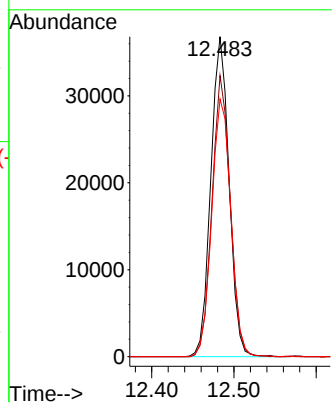
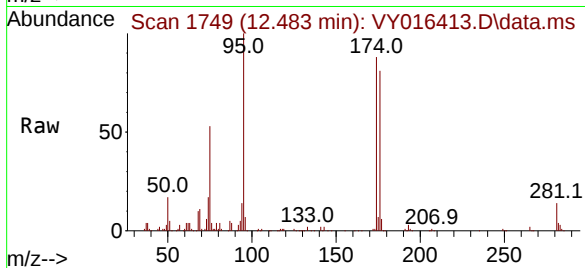




#62
4-Bromofluorobenzene
Concen: 52.240 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

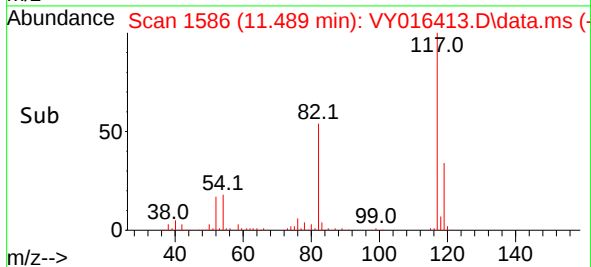
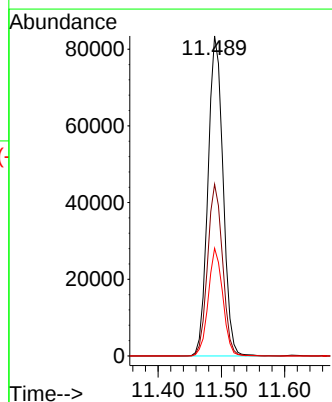
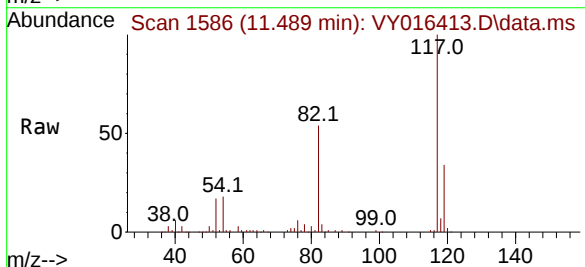
Instrument :
MSVOA_Y
ClientSampleId :
BLK

Tgt Ion: 95 Resp: 56830
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.013 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 117 Resp: 138522
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 33.7 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: VY016413.D

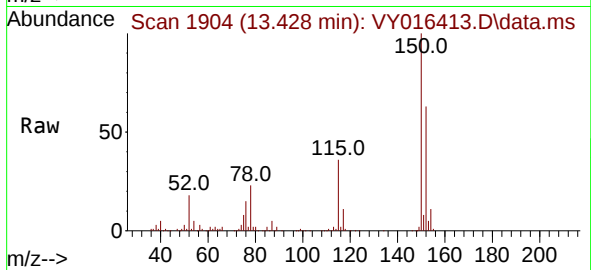
Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

BLK



Tgt Ion:152 Resp: 62523

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 155.8 0.0 348.8

