

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016027.D
 Acq On : 18 Oct 2023 18:05
 Operator : SY/MD
 Sample : 04938-04
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-2(2-6)

Quant Time: Oct 19 03:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

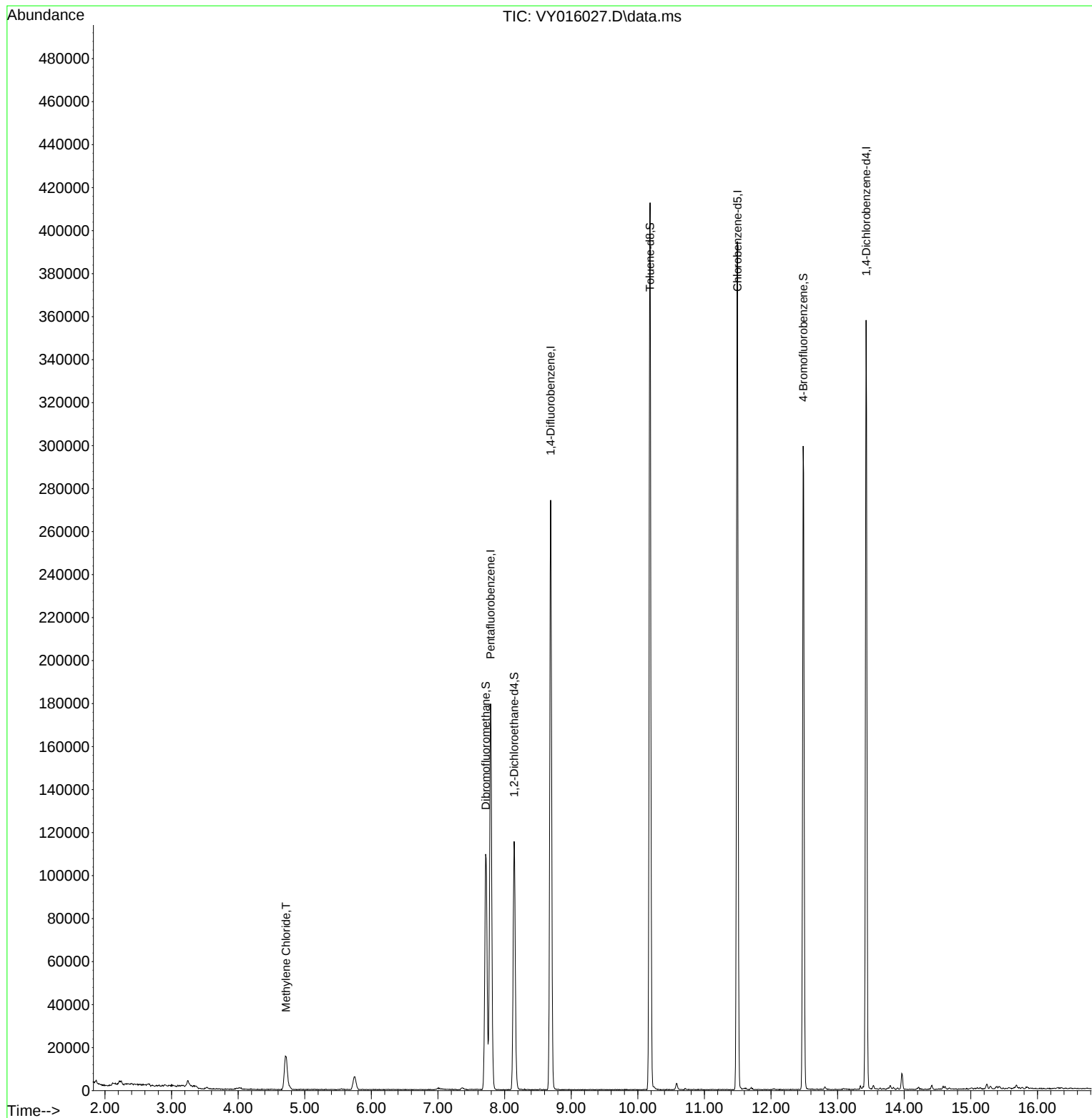
Internal Standards						
1) Pentafluorobenzene	7.789	168	141307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	216118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91074	56.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.420%
35) Dibromofluoromethane	7.716	113	80126	51.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.185	98	274322	48.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.483	95	89819	44.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.120%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	12447	7.038	ug/l	90

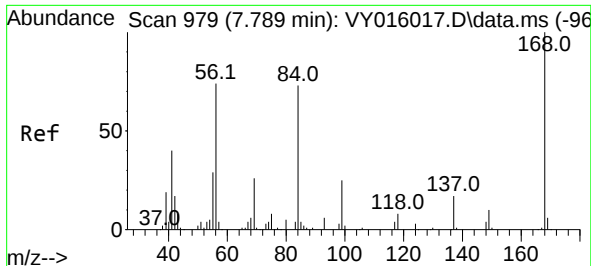
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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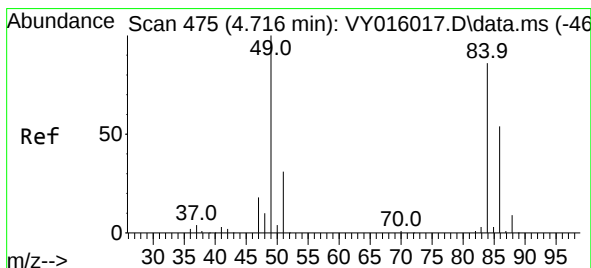
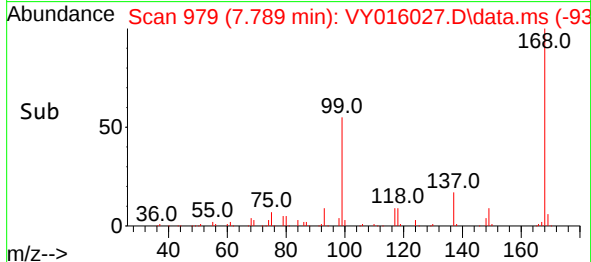
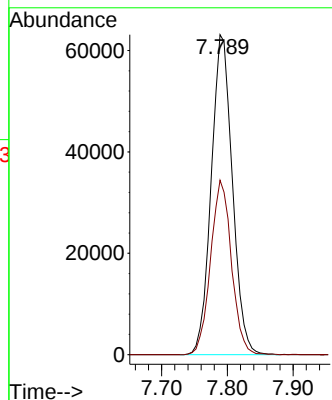
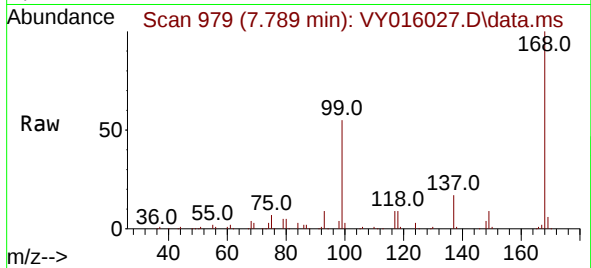




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

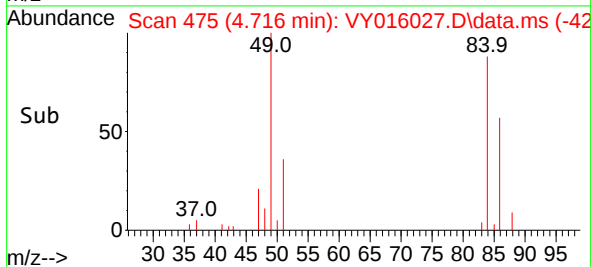
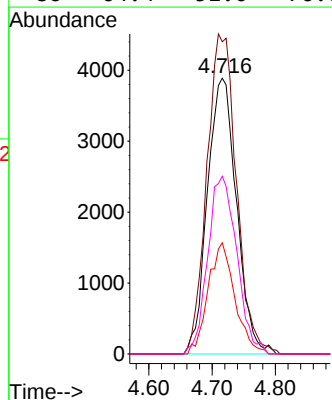
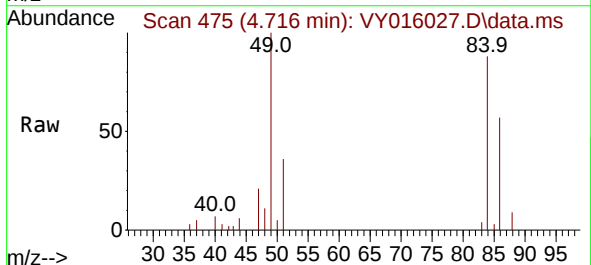
Instrument :
MSVOA_Y
ClientSampleId :
A-2(2-6)

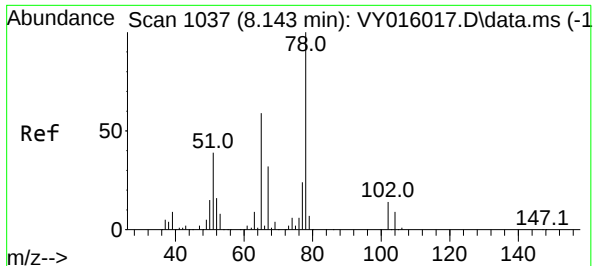
Tgt Ion:168 Resp: 141307
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.038 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Tgt Ion: 84 Resp: 12447
Ion Ratio Lower Upper
84 100
49 113.1 106.9 160.3
51 40.3 33.2 49.8
86 64.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.707 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

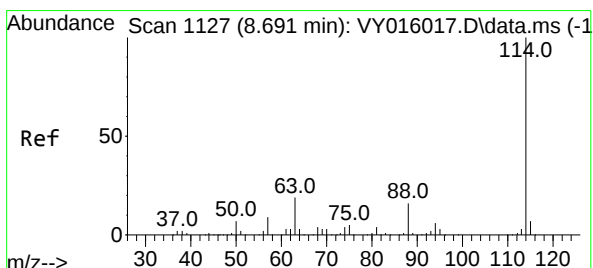
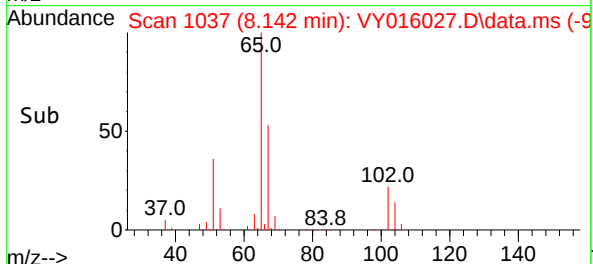
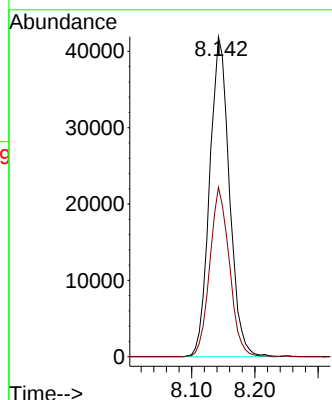
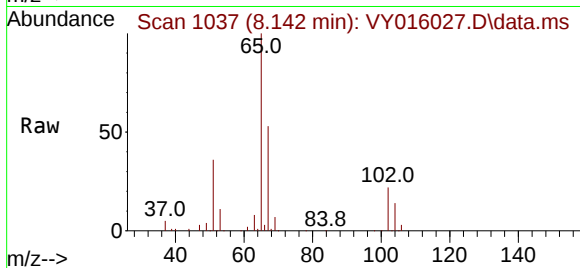
A-2(2-6)

Tgt Ion: 65 Resp: 91074

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016027.D

Acq: 18 Oct 2023 18:05

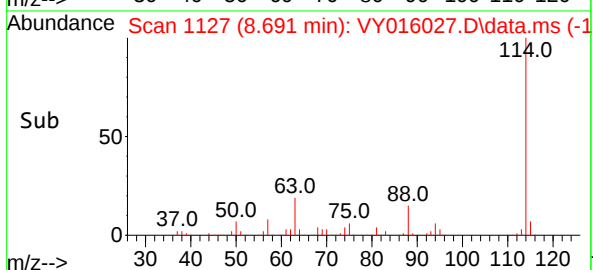
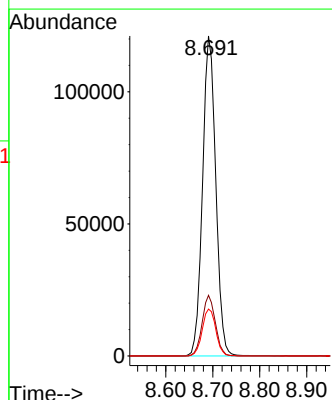
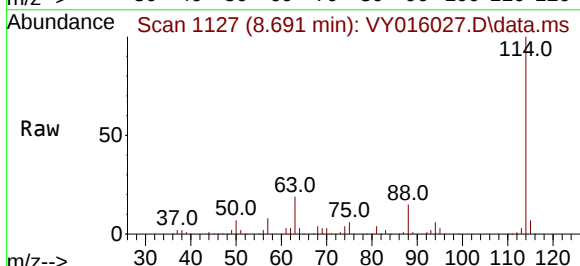
Tgt Ion: 114 Resp: 236302

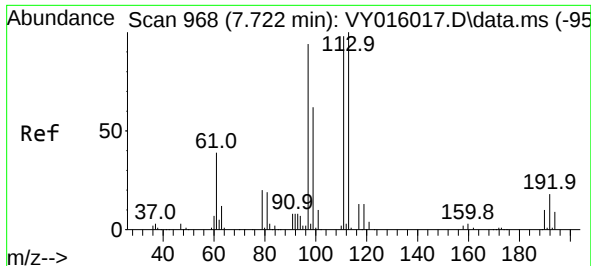
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.6 0.0 30.6

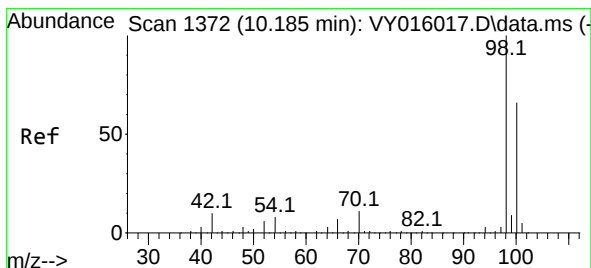
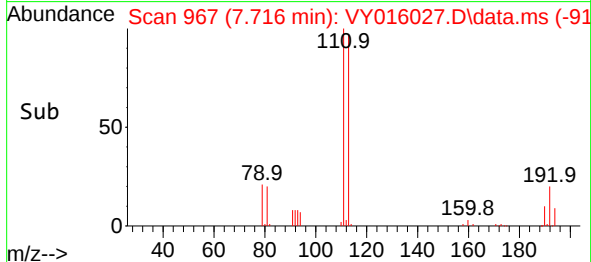
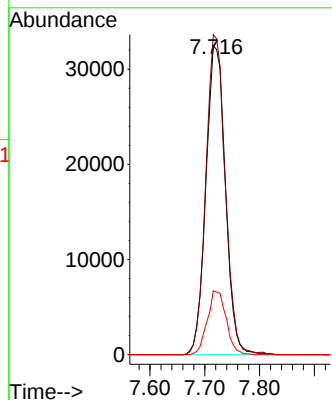
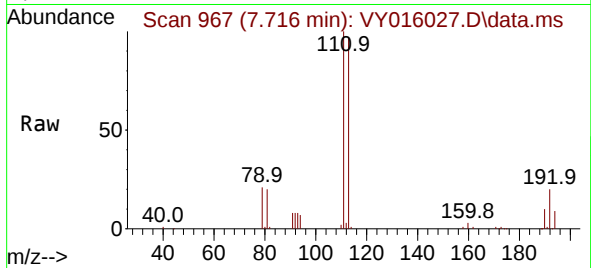




#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

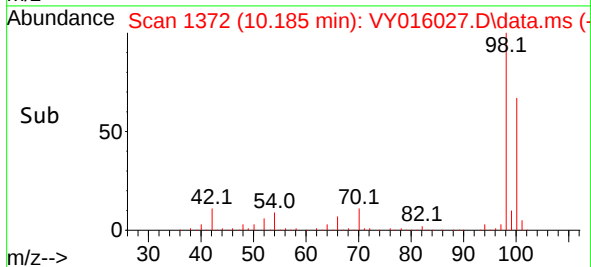
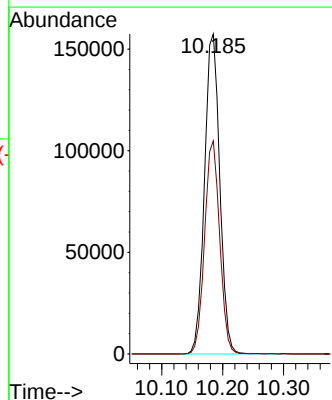
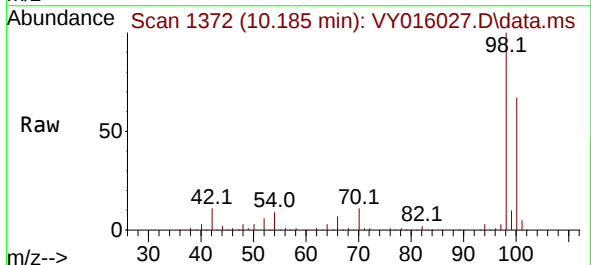
Instrument :
MSVOA_Y
ClientSampleId :
A-2(2-6)

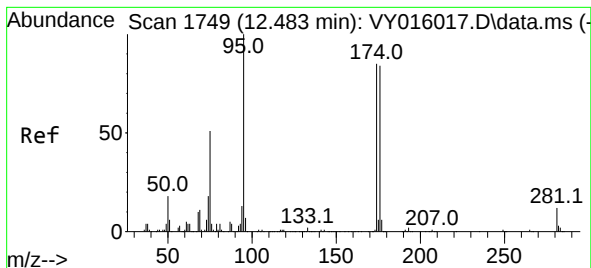
Tgt Ion:113 Resp: 80126
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 48.562 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Tgt Ion: 98 Resp: 274322
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

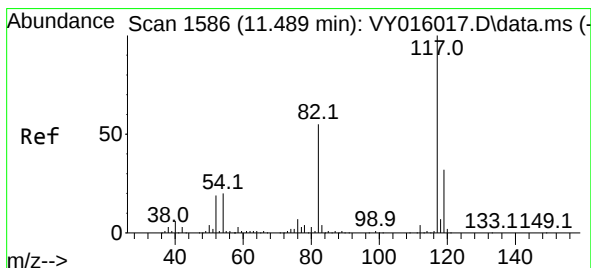
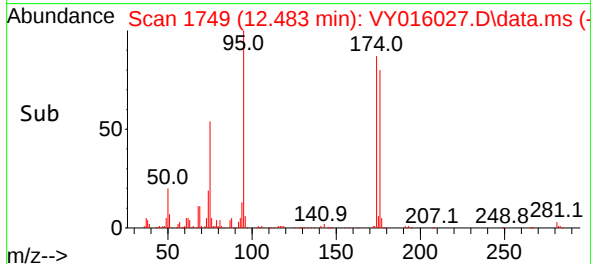
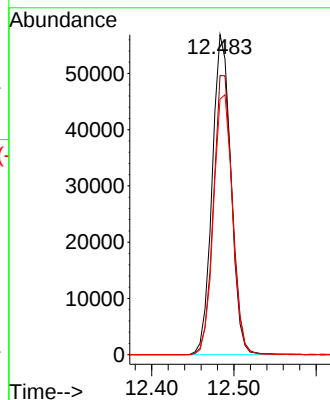
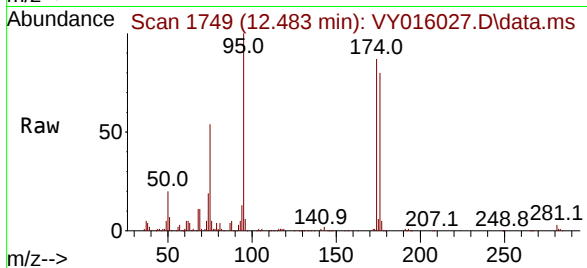




#62
4-Bromofluorobenzene
Concen: 44.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

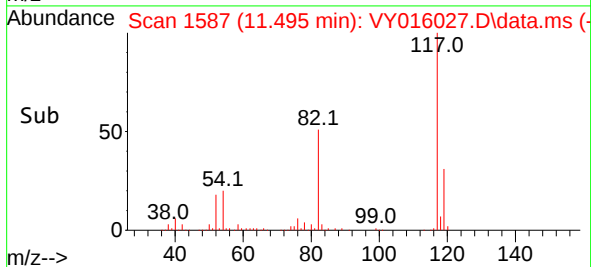
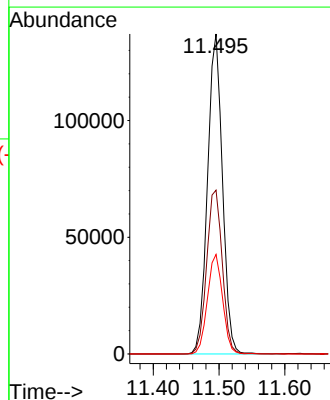
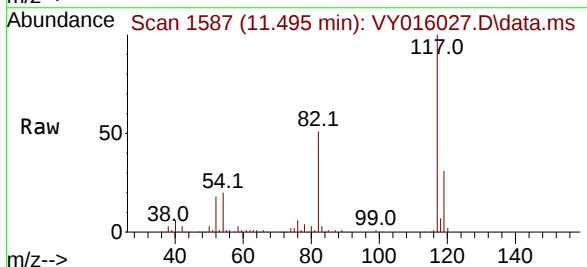
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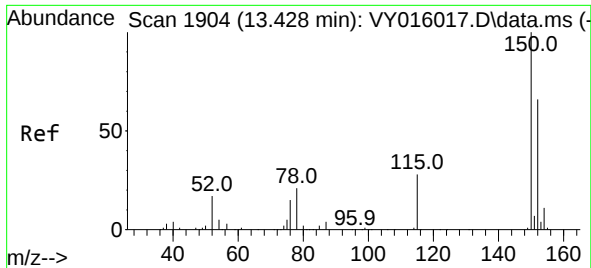
Tgt Ion: 95 Resp: 89819
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016027.D
Acq: 18 Oct 2023 18:05

Tgt Ion: 117 Resp: 216118
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016027.D

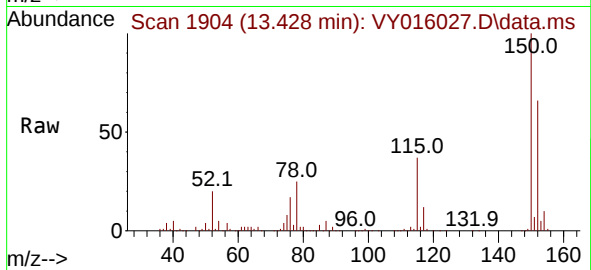
Acq: 18 Oct 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

A-2(2-6)



Tgt Ion:152 Resp: 94299

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.0 0.0 348.8

