

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013809.D
 Acq On : 18 May 2023 18:50
 Operator : KP/MD
 Sample : 02832-03
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-22-K2-SO-74.5-051723

Quant Time: May 19 03:23:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

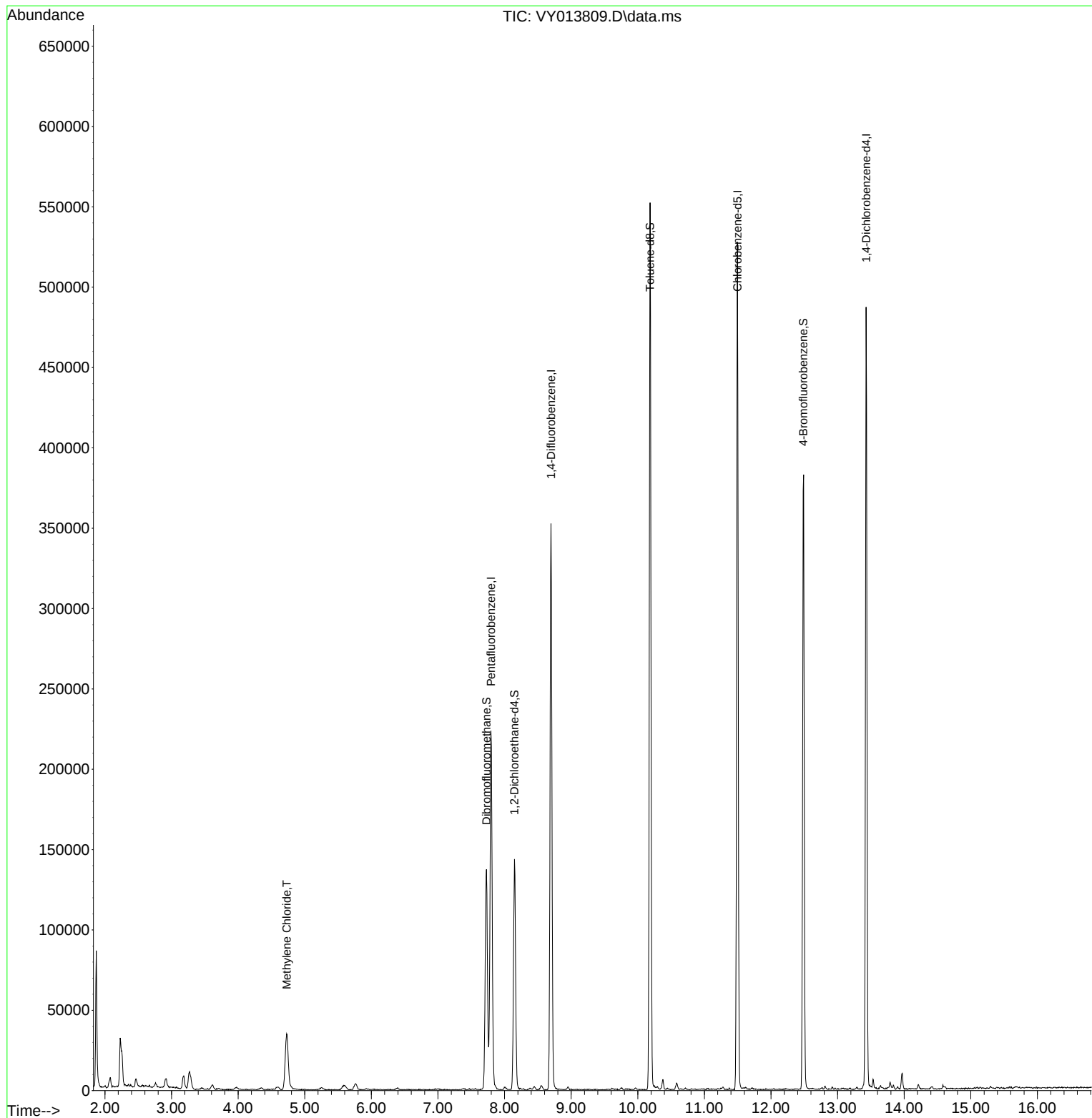
Internal Standards						
1) Pentafluorobenzene	7.795	168	171027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114987	57.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.760%
35) Dibromofluoromethane	7.728	113	94077	51.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.185	98	350653	50.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.483	95	110540	47.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.580%
Target Compounds						
20) Methylene Chloride	4.729	84	25672	9.198	ug/l	97

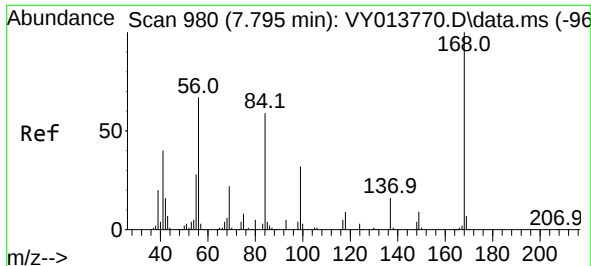
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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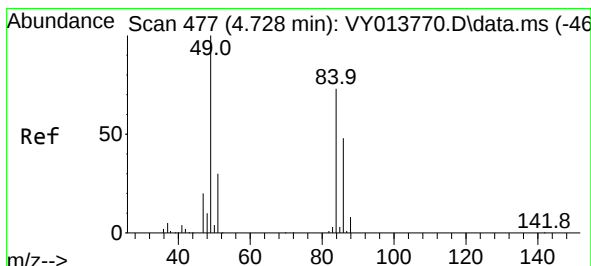
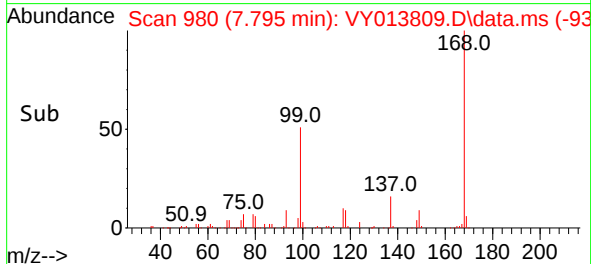
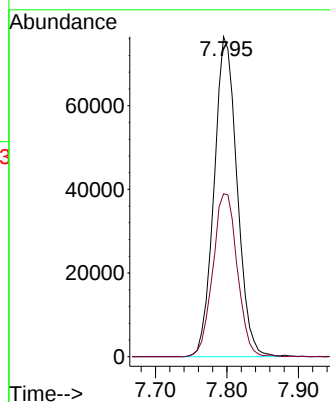
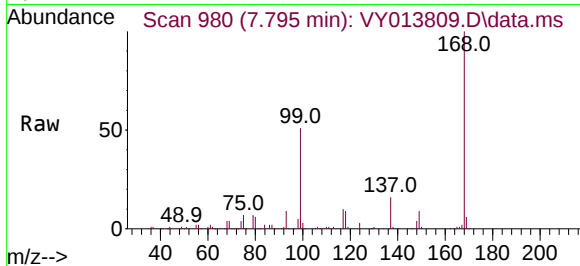




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013809.D
Acq: 18 May 2023 18:50

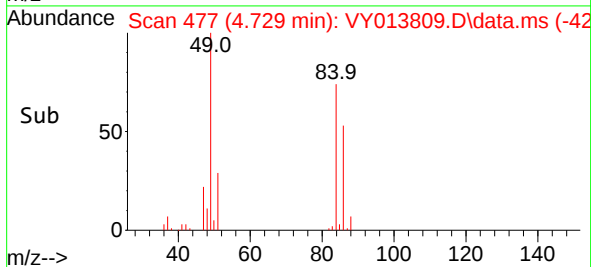
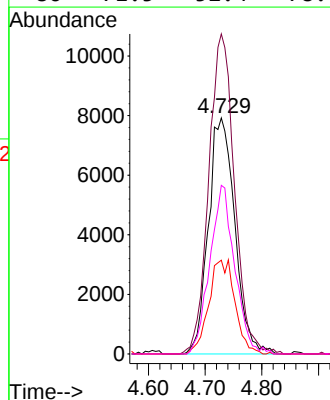
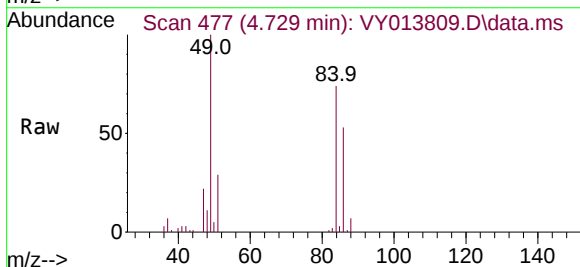
Instrument :
MSVOA_Y
ClientSampleId :
CB-22-K2-SO-74.5-051723

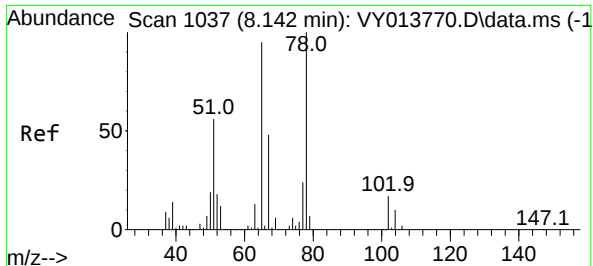
Tgt Ion:168 Resp: 171027
Ion Ratio Lower Upper
168 100
99 50.9 44.0 66.0



#20
Methylene Chloride
Concen: 9.198 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY013809.D
Acq: 18 May 2023 18:50

Tgt Ion: 84 Resp: 25672
Ion Ratio Lower Upper
84 100
49 135.6 109.4 164.0
51 39.7 32.8 49.2
86 71.5 52.4 78.6





#33

1,2-Dichloroethane-d4

Concen: 57.877 ug/l

RT: 8.149 min Scan# 114987

Delta R.T. 0.006 min

Lab File: VY013809.D

Acq: 18 May 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

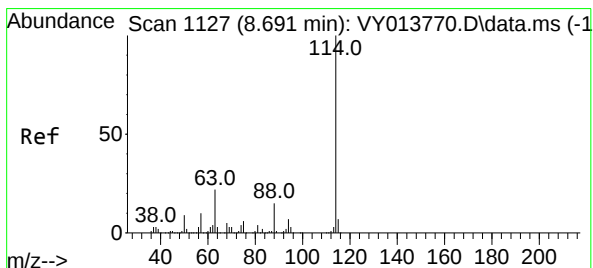
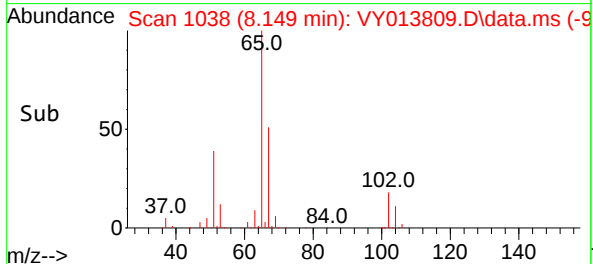
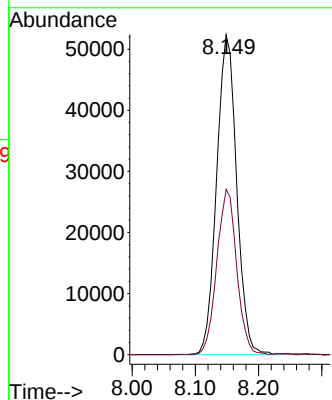
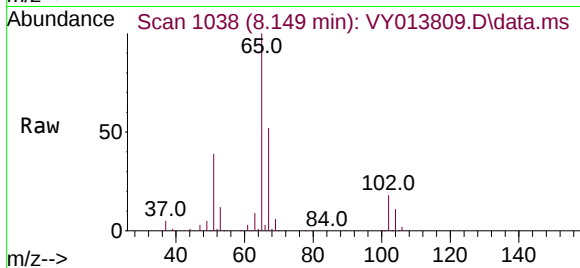
CB-22-K2-SO-74.5-051723

Tgt Ion: 65 Resp: 114987

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013809.D

Acq: 18 May 2023 18:50

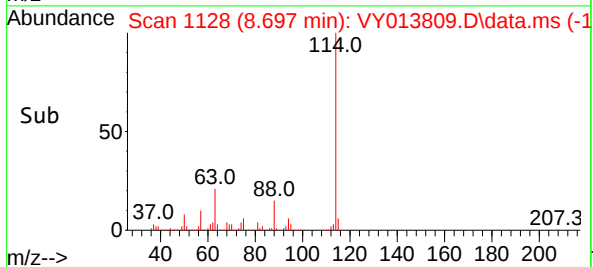
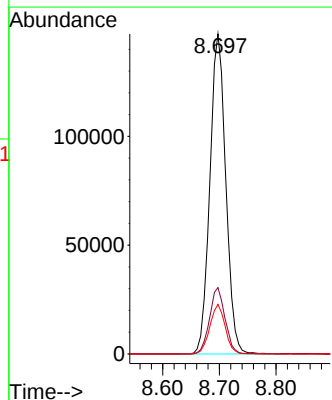
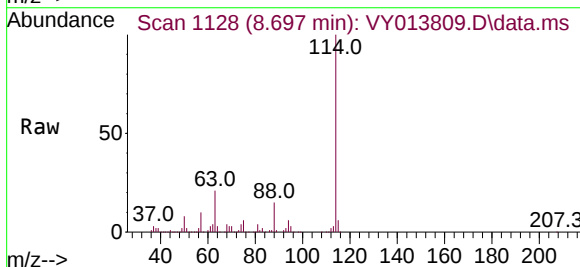
Tgt Ion: 114 Resp: 286473

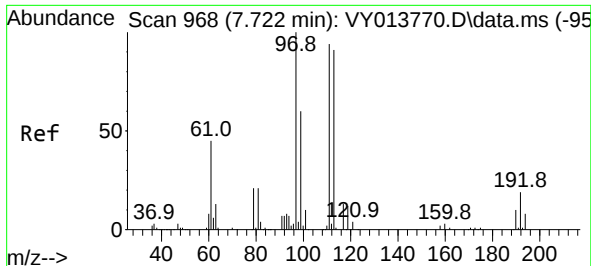
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 15.5 0.0 30.8

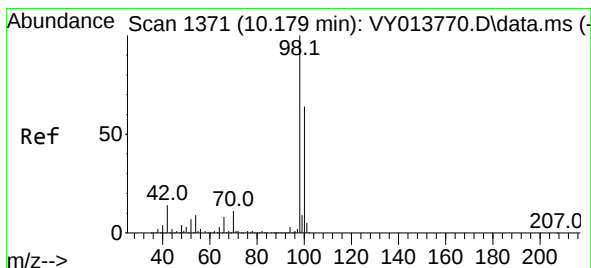
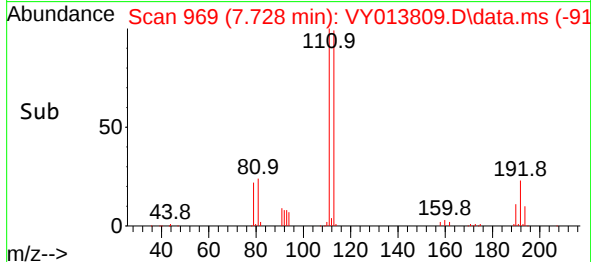
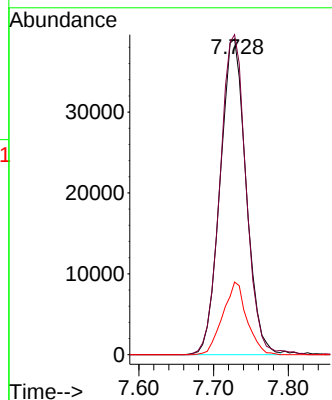
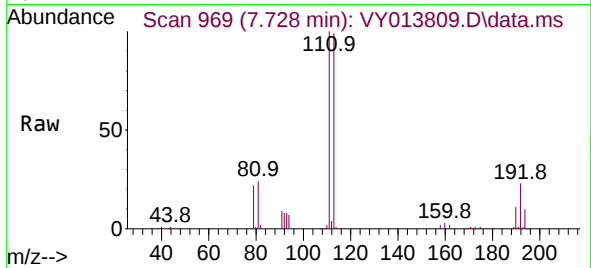




#35
Dibromofluoromethane
Concen: 51.211 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013809.D
Acq: 18 May 2023 18:50

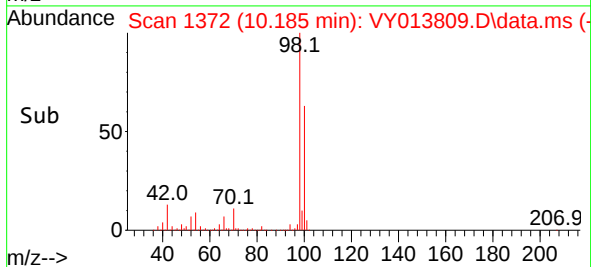
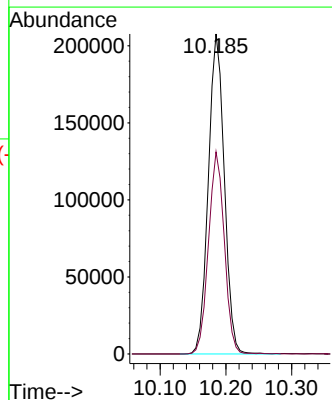
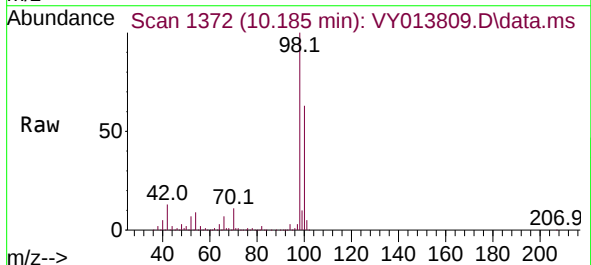
Instrument :
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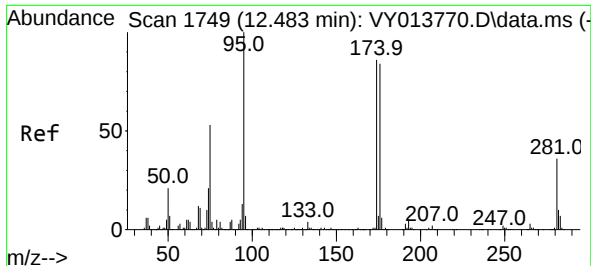
Tgt Ion:113 Resp: 94077
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 21.3 16.0 24.0



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013809.D
Acq: 18 May 2023 18:50

Tgt Ion: 98 Resp: 350653
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.6

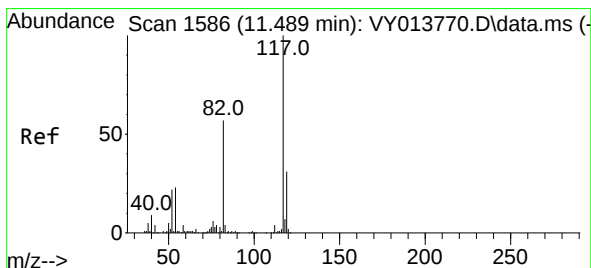
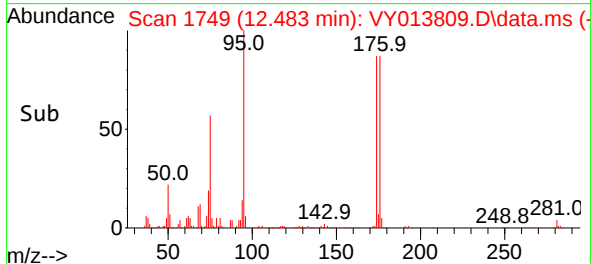
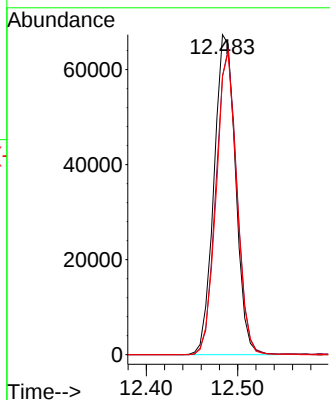
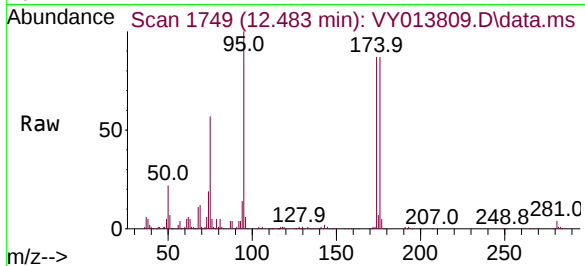




#62
4-Bromofluorobenzene
Concen: 47.785 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013809.D
Acq: 18 May 2023 18:50

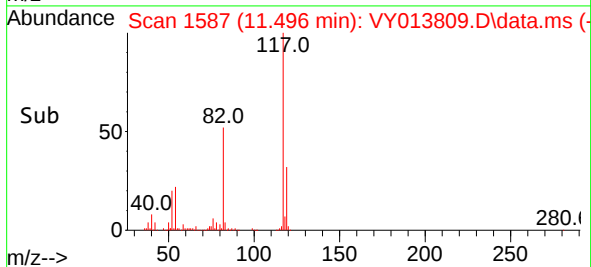
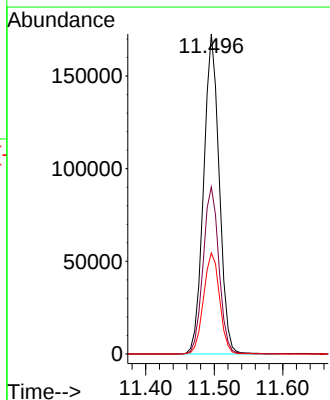
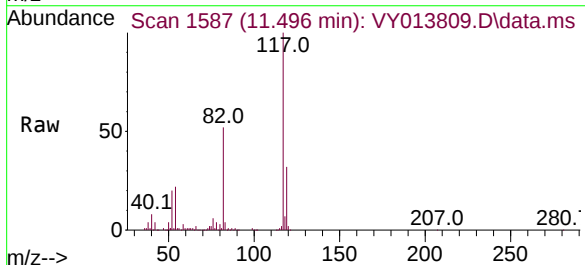
Instrument :
MSVOA_Y
ClientSampleId :
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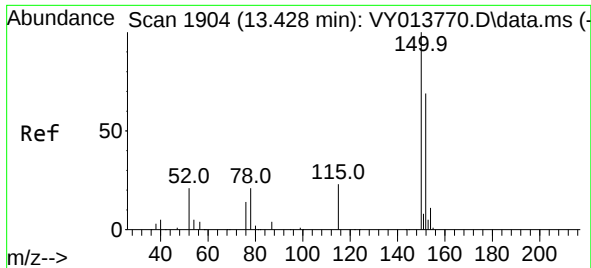
Tgt Ion: 95 Resp: 110540
Ion Ratio Lower Upper
95 100
174 92.6 0.0 168.8
176 89.9 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013809.D
Acq: 18 May 2023 18:50

Tgt Ion: 117 Resp: 273482
Ion Ratio Lower Upper
117 100
82 52.2 45.5 68.3
119 31.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013809.D

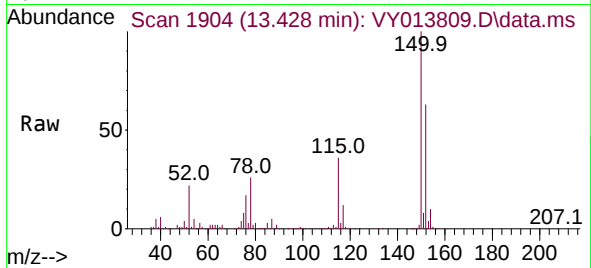
Acq: 18 May 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

CB-22-K2-SO-74.5-051723



Tgt Ion:152 Resp: 122967

Ion Ratio Lower Upper

152 100

115 55.9 28.5 85.5

150 157.7 0.0 347.0

