

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013536.D
 Acq On : 01 May 2023 13:52
 Operator : KP/MD
 Sample : 02557-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-B

Quant Time: May 01 22:48:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

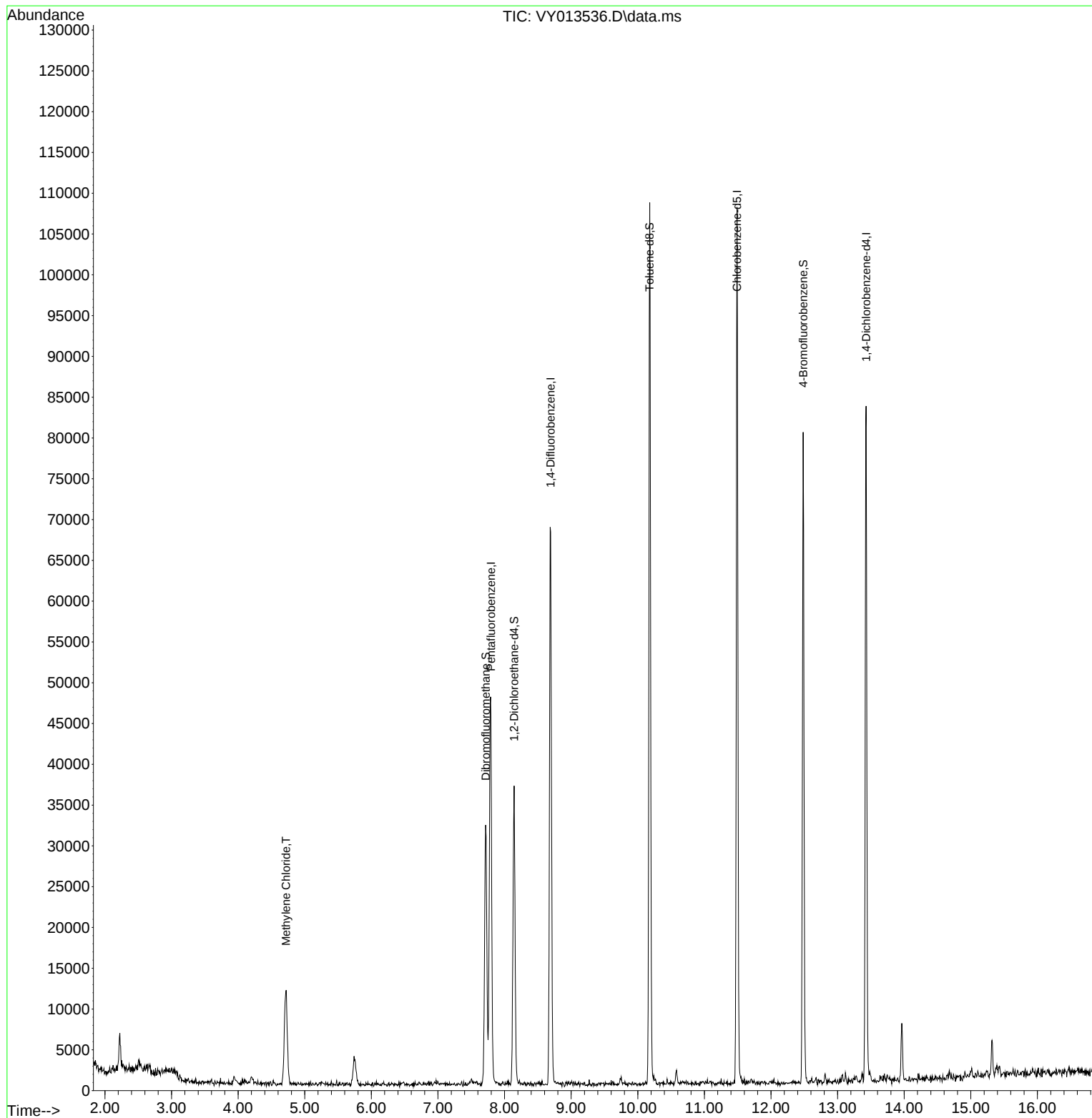
Internal Standards						
1) Pentafluorobenzene	7.795	168	38212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	56262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28570	68.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.400%
35) Dibromofluoromethane	7.716	113	22272	60.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.360%
50) Toluene-d8	10.179	98	70950	53.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.780%
62) 4-Bromofluorobenzene	12.483	95	20751	46.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	8299	9.508	ug/l	91

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

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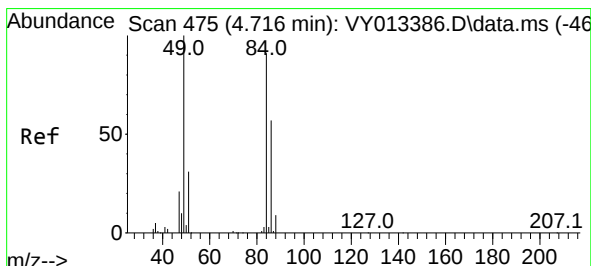
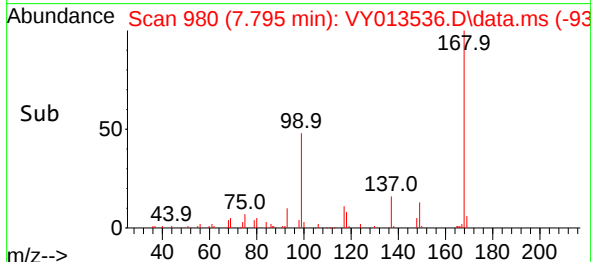
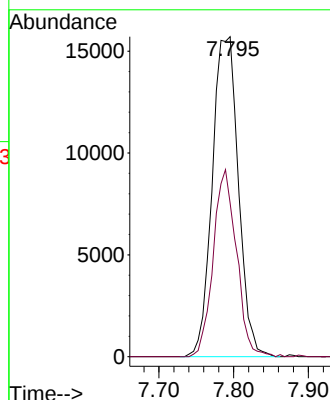
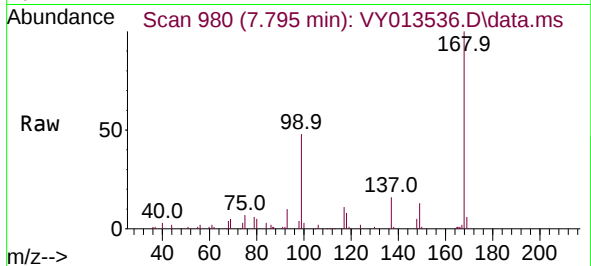




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

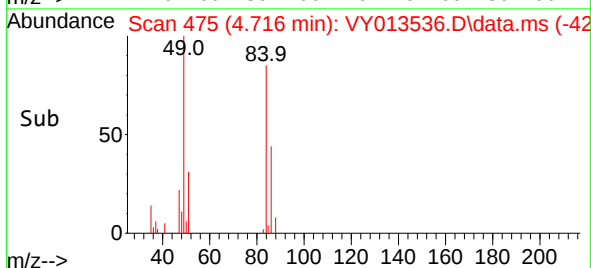
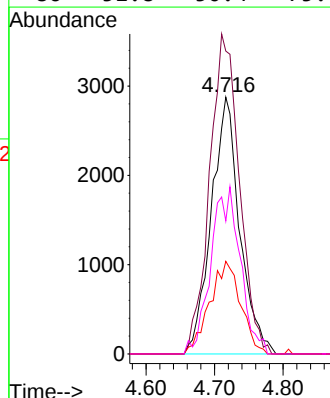
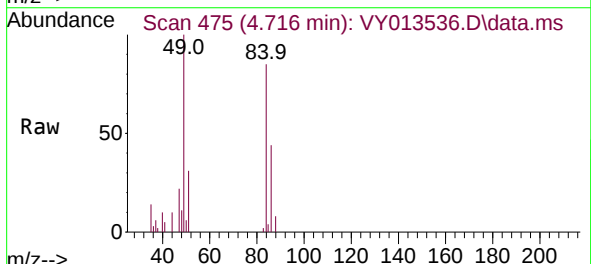
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

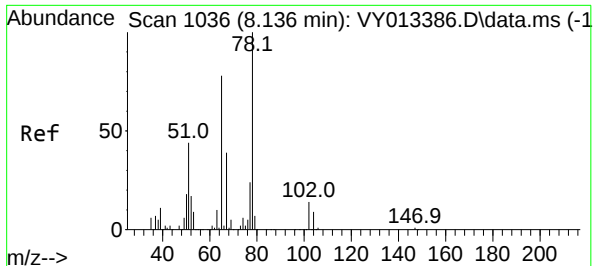
Tgt Ion:168 Resp: 38212
Ion Ratio Lower Upper
168 100
99 48.0 41.8 62.6



#20
Methylene Chloride
Concen: 9.508 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion: 84 Resp: 8299
Ion Ratio Lower Upper
84 100
49 117.9 88.0 132.0
51 36.0 27.4 41.0
86 51.8 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 68.204 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013536.D

Acq: 01 May 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

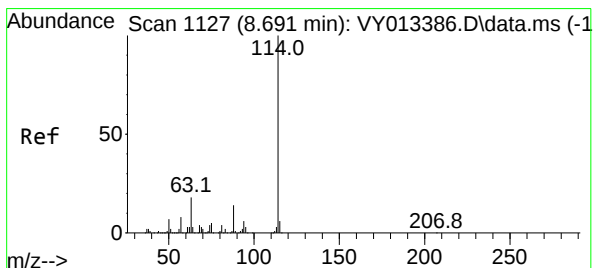
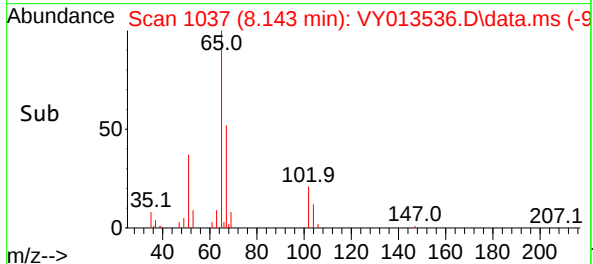
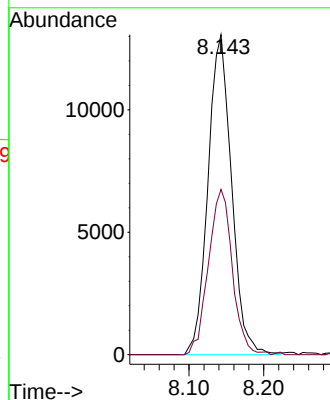
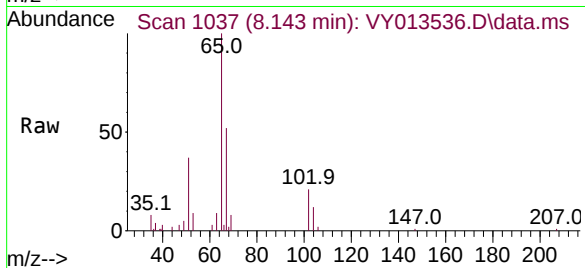
JC-03-042823-B

Tgt Ion: 65 Resp: 28570

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013536.D

Acq: 01 May 2023 13:52

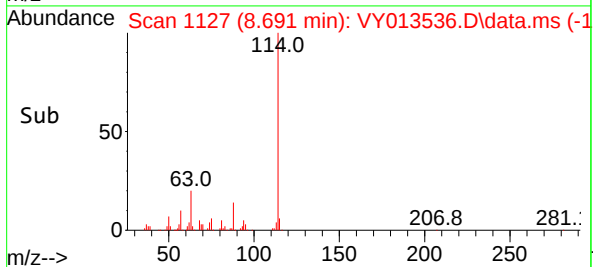
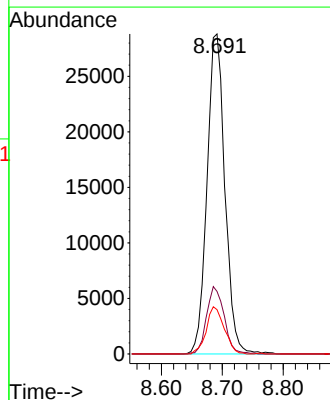
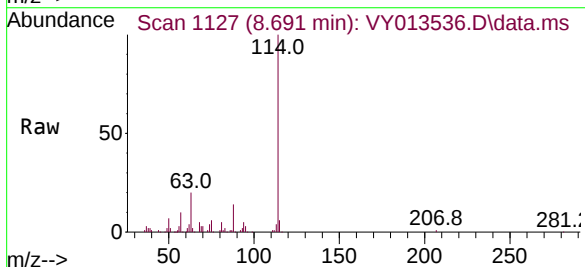
Tgt Ion:114 Resp: 58842

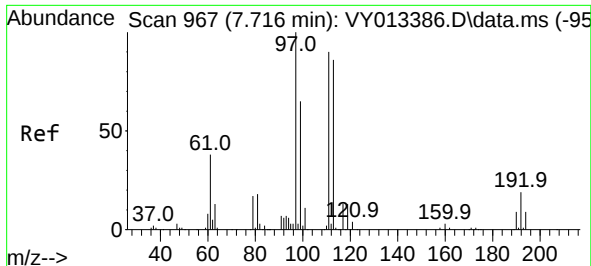
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 13.9 0.0 28.8

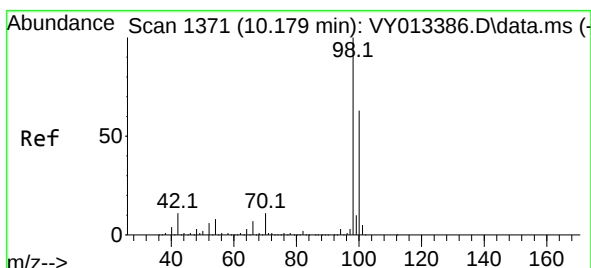
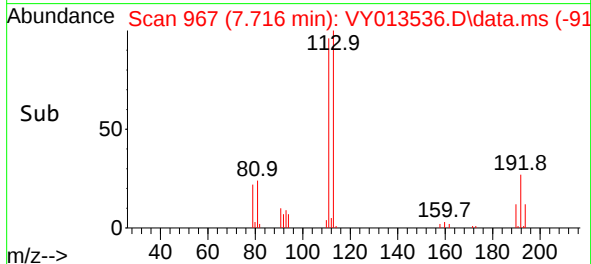
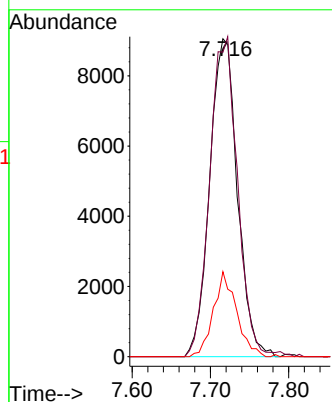
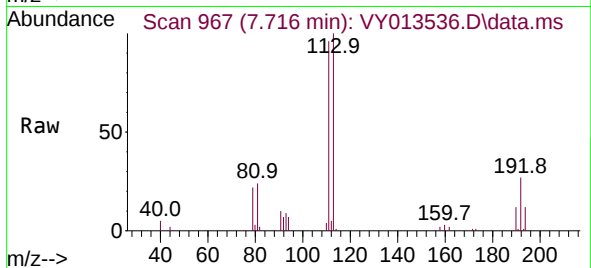




#35
Dibromofluoromethane
Concen: 60.180 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

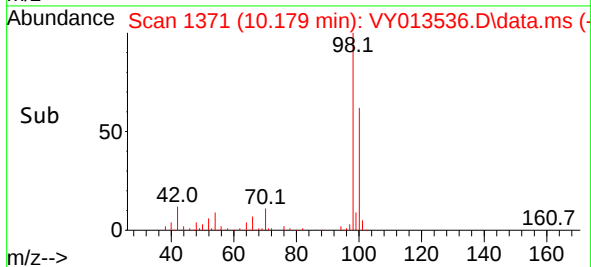
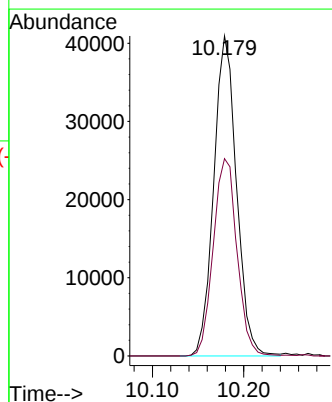
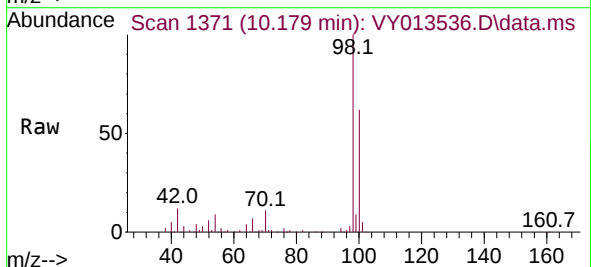
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

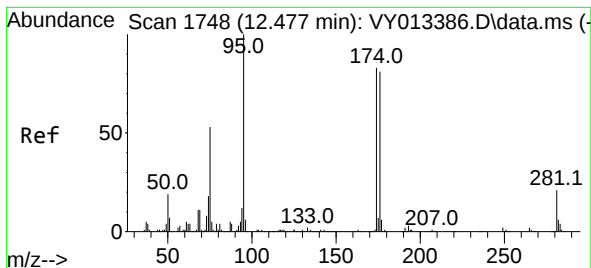
Tgt Ion:113 Resp: 22272
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 22.3 16.7 25.1



#50
Toluene-d8
Concen: 53.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion: 98 Resp: 70950
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

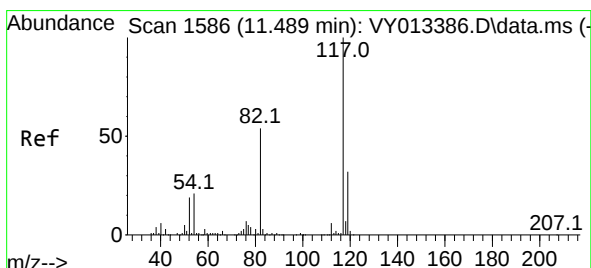
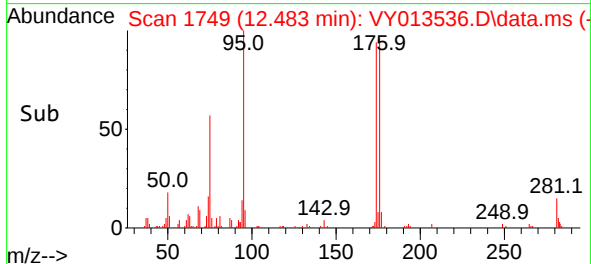
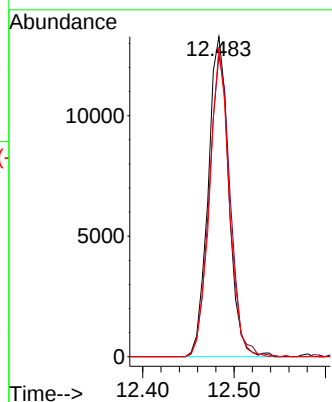
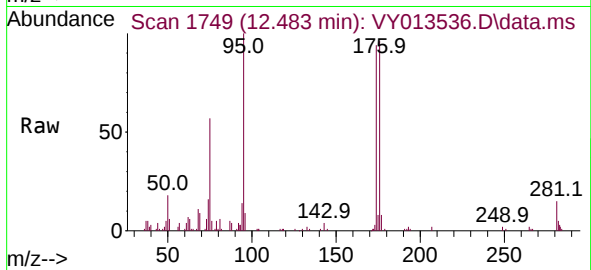




#62
4-Bromofluorobenzene
Concen: 46.753 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

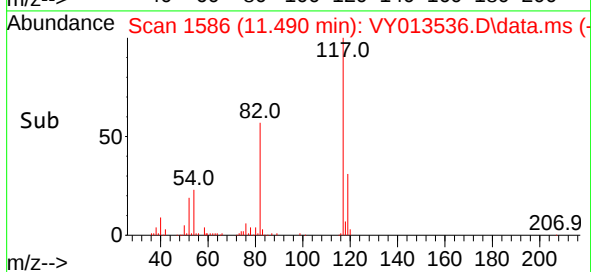
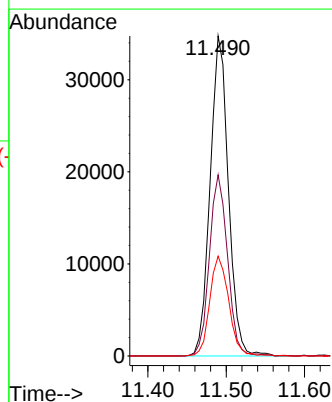
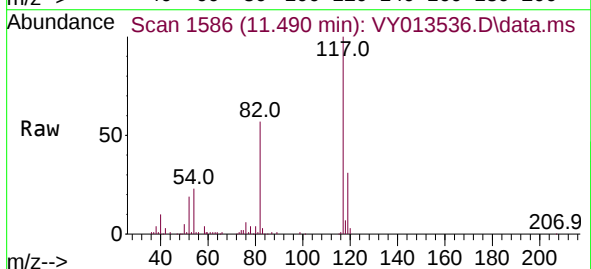
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

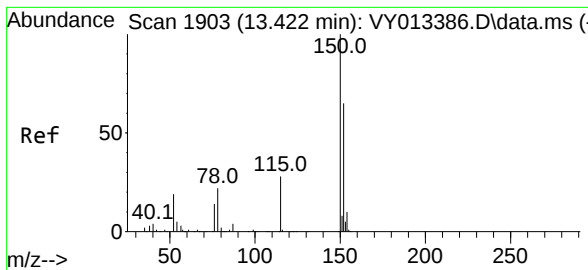
Tgt Ion: 95 Resp: 20751
Ion Ratio Lower Upper
95 100
174 96.2 0.0 182.0
176 92.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

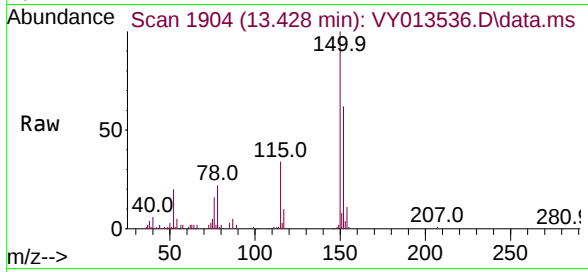
Tgt Ion: 117 Resp: 56262
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.6
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013536.D
 Acq: 01 May 2023 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-B



Tgt Ion:152 Resp: 22834

Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.1	84.2
150	160.4	0.0	352.0

