

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013869.D
 Acq On : 25 May 2023 13:39
 Operator : KP/MD
 Sample : 02904-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-052323

Quant Time: May 26 04:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

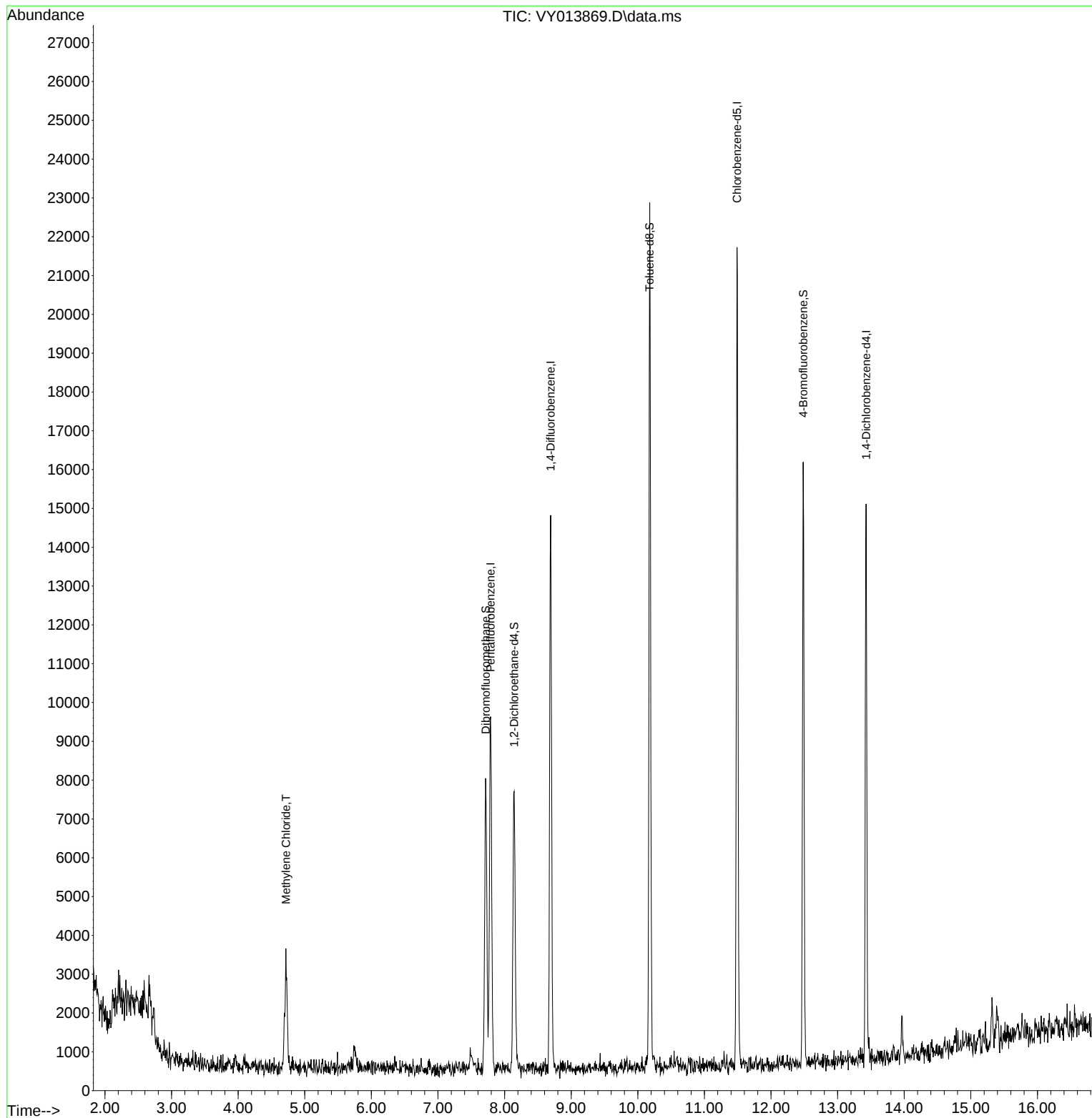
Internal Standards						
1) Pentafluorobenzene	7.789	168	7303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6419	75.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.940%
35) Dibromofluoromethane	7.715	113	5118	63.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.380%
50) Toluene-d8	10.178	98	14949	48.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.483	95	4297	42.323	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.640%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	1714	17.633	ug/l	96

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

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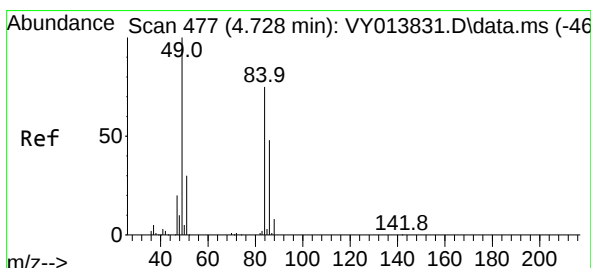
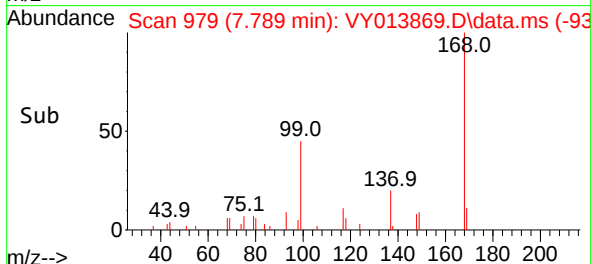
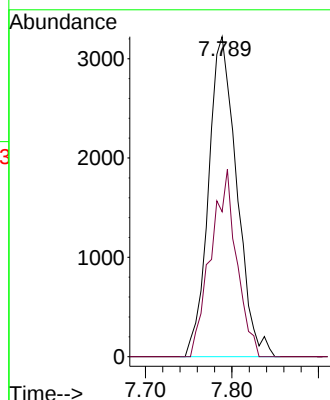
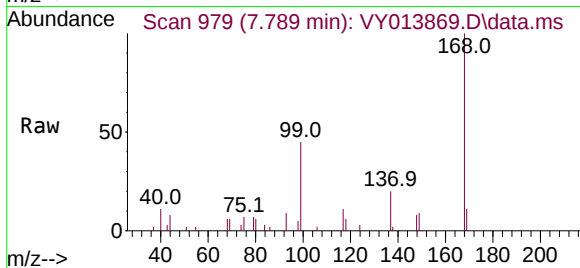




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013869.D
Acq: 25 May 2023 13:39

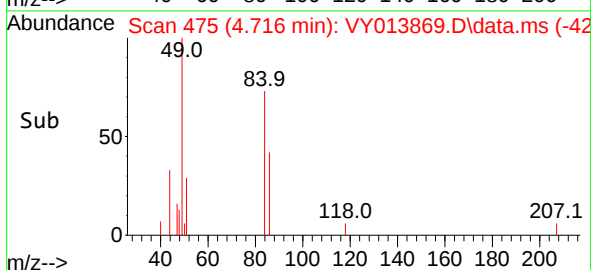
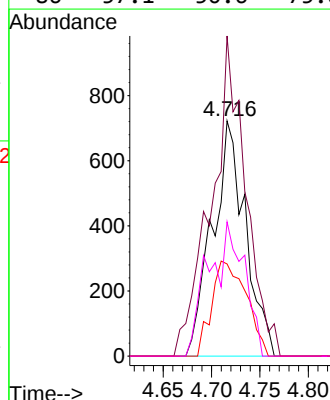
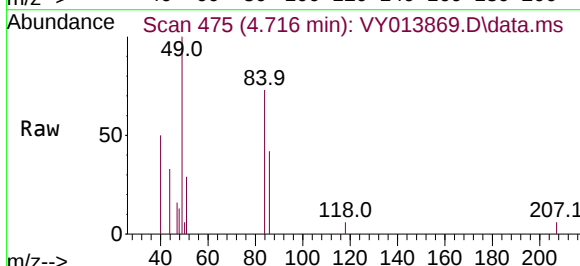
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323

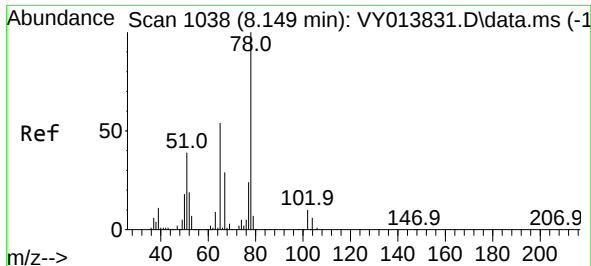
Tgt Ion:168 Resp: 7303
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.2



#20
Methylene Chloride
Concen: 17.633 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013869.D
Acq: 25 May 2023 13:39

Tgt Ion: 84 Resp: 1714
Ion Ratio Lower Upper
84 100
49 136.1 106.2 159.2
51 39.2 31.4 47.0
86 57.1 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 75.975 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY013869.D

Acq: 25 May 2023 13:39

Instrument :

MSVOA_Y

ClientSampleId :

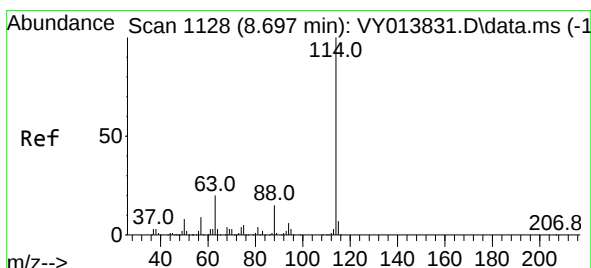
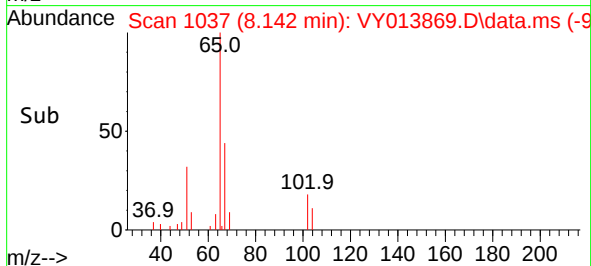
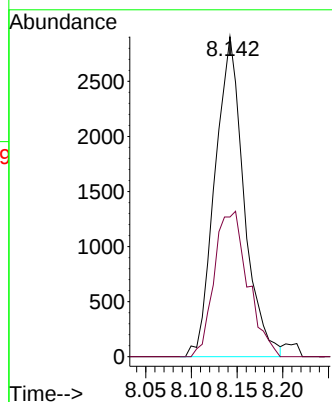
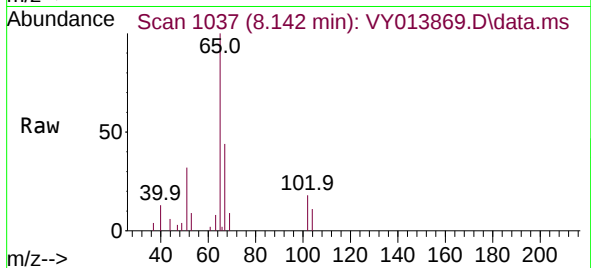
EO-3-052323

Tgt Ion: 65 Resp: 6419

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013869.D

Acq: 25 May 2023 13:39

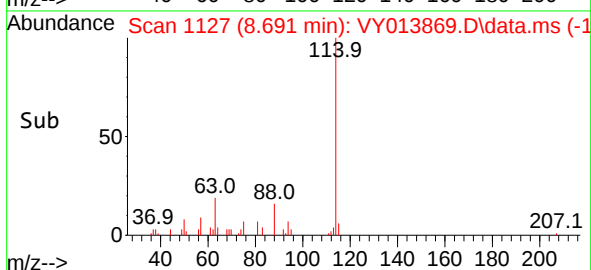
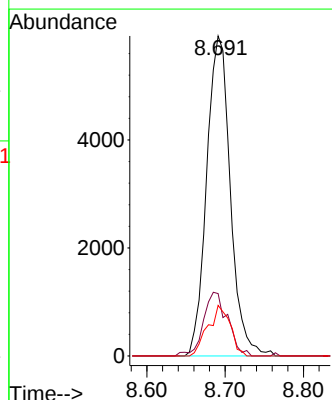
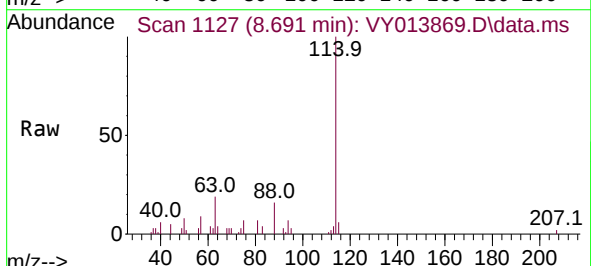
Tgt Ion: 114 Resp: 12444

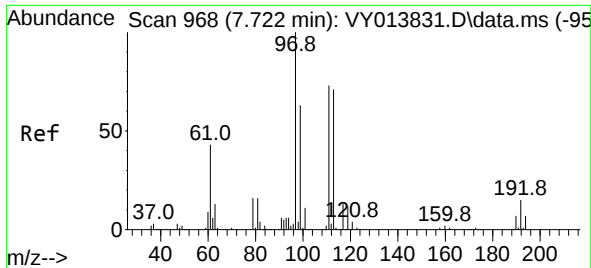
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 15.8 0.0 30.0

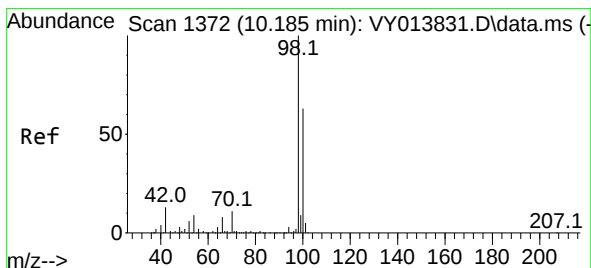
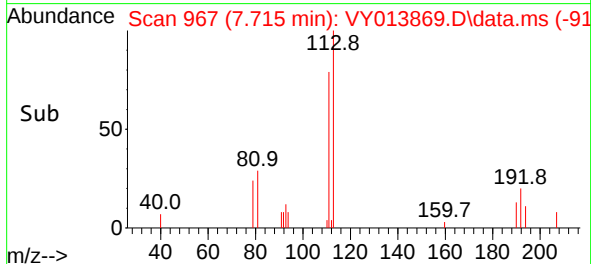
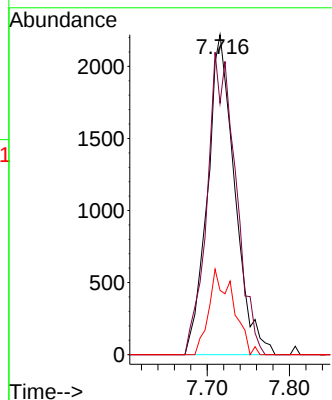
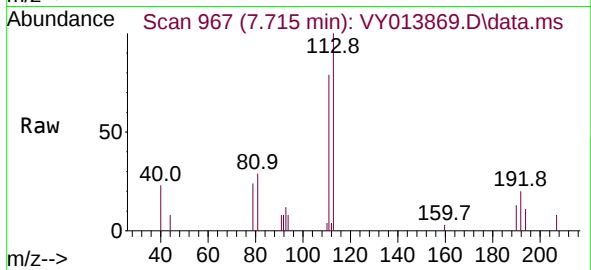




#35
Dibromofluoromethane
Concen: 63.685 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013869.D
Acq: 25 May 2023 13:39

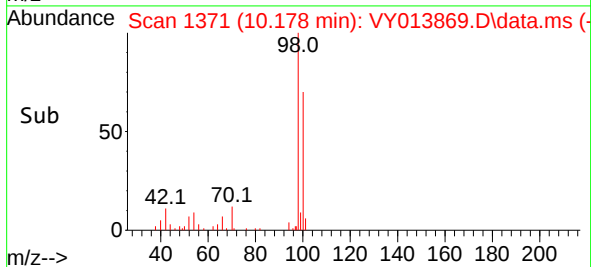
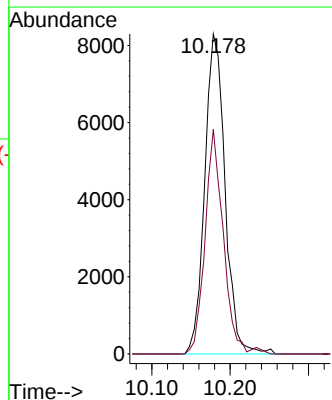
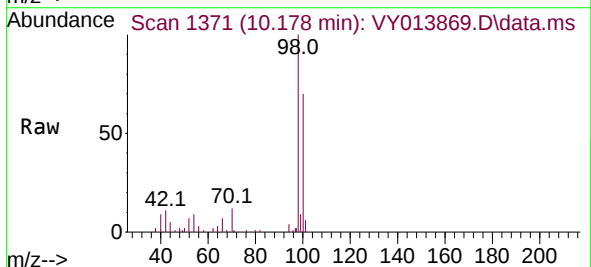
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323

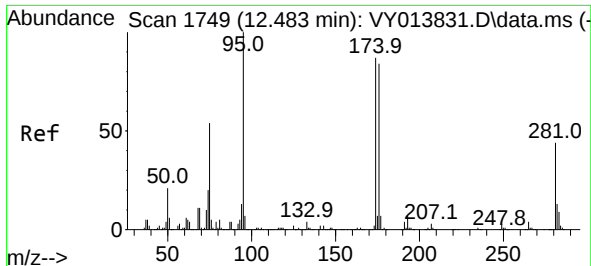
Tgt Ion:113 Resp: 5118
Ion Ratio Lower Upper
113 100
111 99.4 80.4 120.6
192 23.8 16.6 25.0



#50
Toluene-d8
Concen: 48.943 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013869.D
Acq: 25 May 2023 13:39

Tgt Ion: 98 Resp: 14949
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

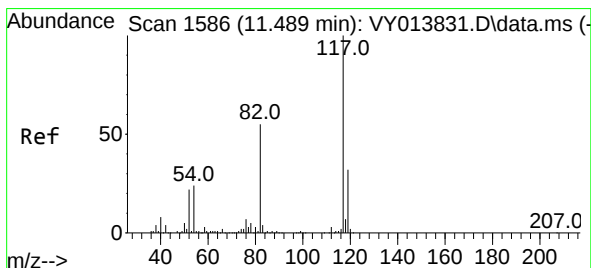
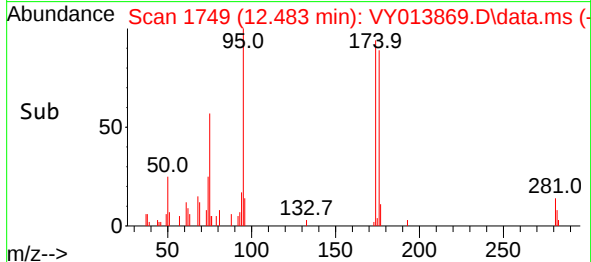
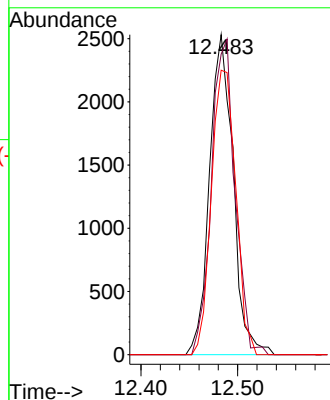
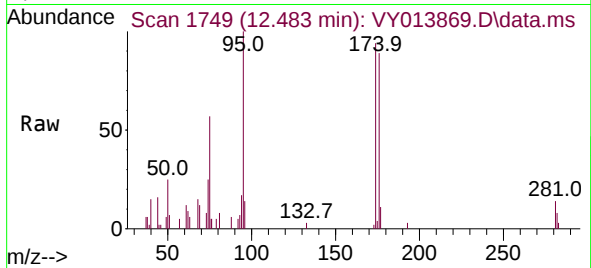




#62
4-Bromofluorobenzene
Concen: 42.323 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013869.D
Acq: 25 May 2023 13:39

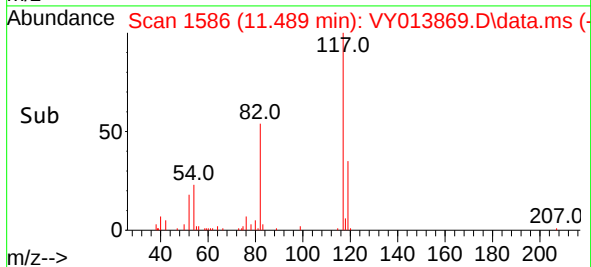
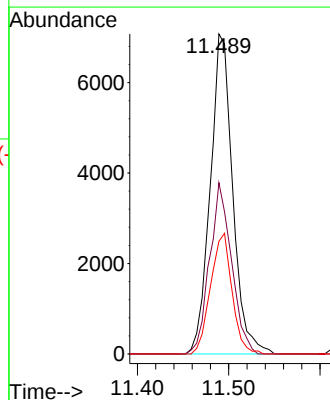
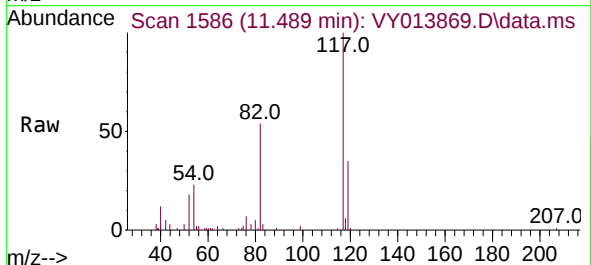
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323

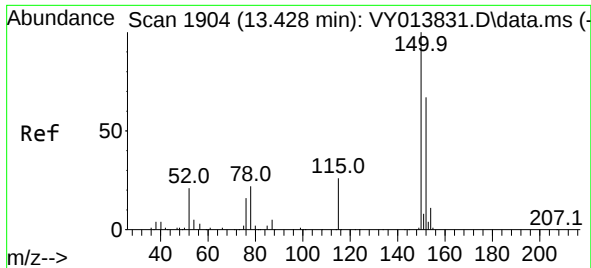
Tgt Ion: 95 Resp: 4297
Ion Ratio Lower Upper
95 100
174 98.4 0.0 176.0
176 91.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013869.D
Acq: 25 May 2023 13:39

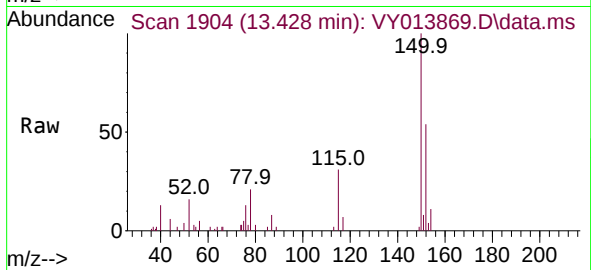
Tgt Ion: 117 Resp: 12069
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 35.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013869.D
 Acq: 25 May 2023 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-052323



Tgt Ion:	152	Resp:	3823
Ion Ratio	Lower	Upper	
152	100		
115	53.6	28.8	86.5
150	173.1	0.0	353.4

