

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013870.D
 Acq On : 25 May 2023 14:03
 Operator : KP/MD
 Sample : 02870-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP21

Quant Time: May 26 04:33:21 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)

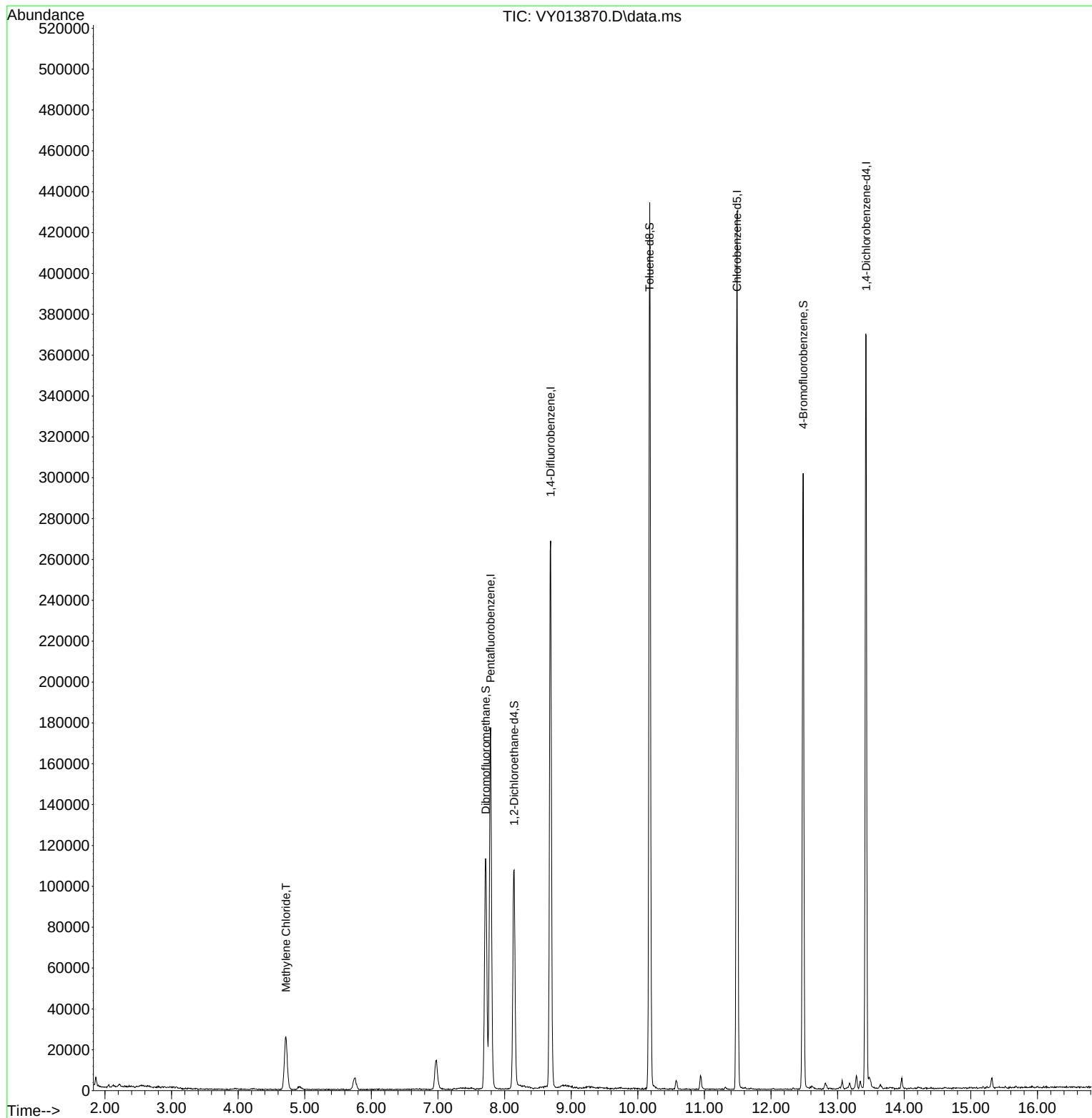
Internal Standards						
1) Pentafluorobenzene	7.789	168	134336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89607	57.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.320%
35) Dibromofluoromethane	7.716	113	77626	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.179	98	281620	50.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.483	95	85338	45.954	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	19351	9.789	ug/l	90

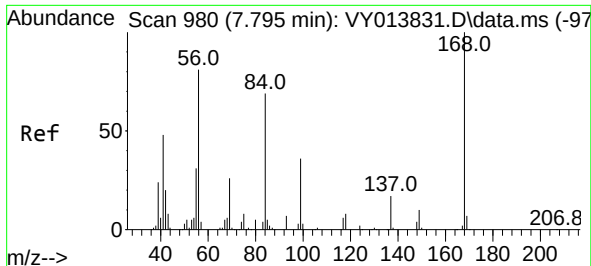
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
Data File : VY013870.D
Acq On : 25 May 2023 14:03
Operator : KP/MD
Sample : 02870-01
Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP21

Quant Time: May 26 04:33:21 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

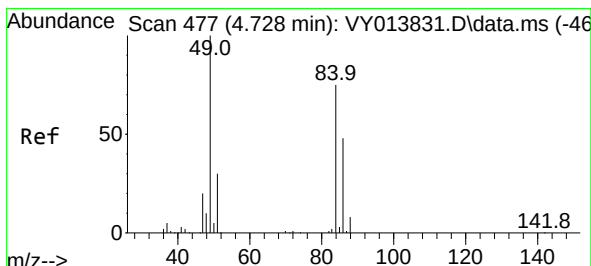
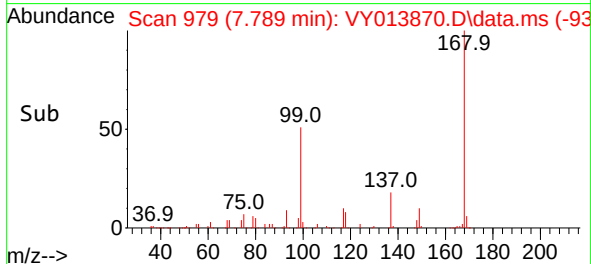
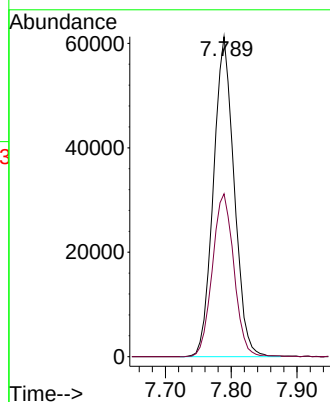
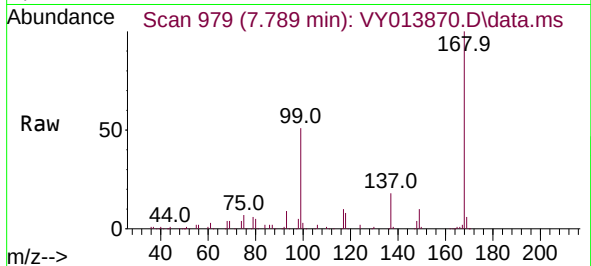




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

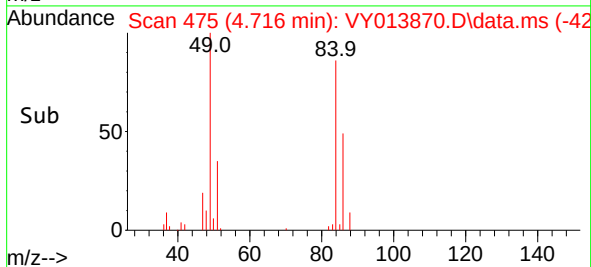
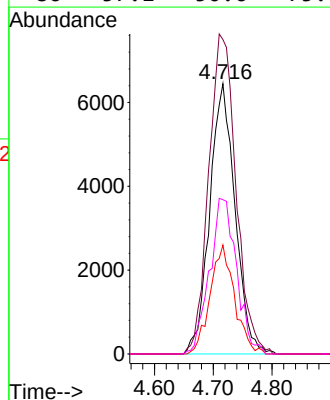
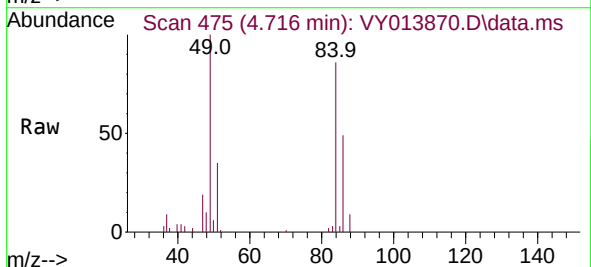
Instrument :
MSVOA_Y
ClientSampleId :
TP21

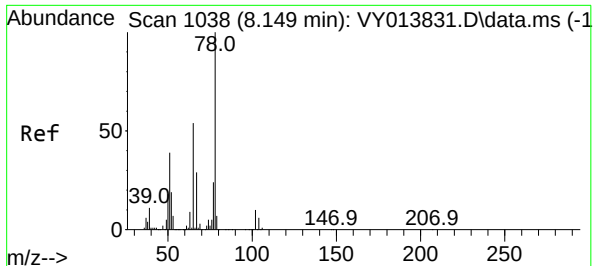
Tgt Ion:168 Resp: 134336
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.2



#20
Methylene Chloride
Concen: 9.789 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 84 Resp: 19351
Ion Ratio Lower Upper
84 100
49 116.4 106.2 159.2
51 40.3 31.4 47.0
86 57.1 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 57.657 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY013870.D

Acq: 25 May 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

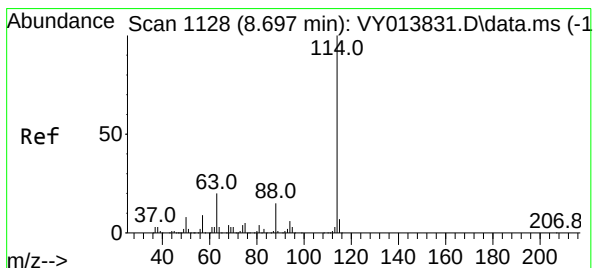
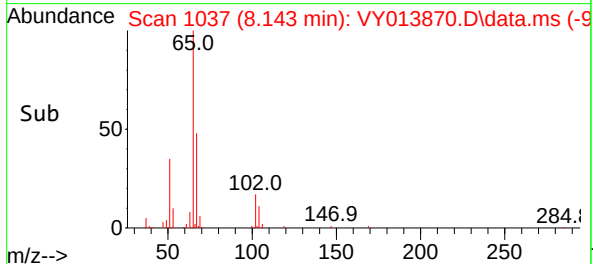
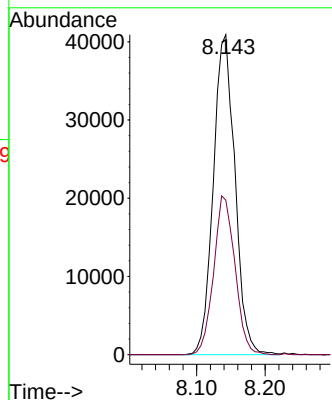
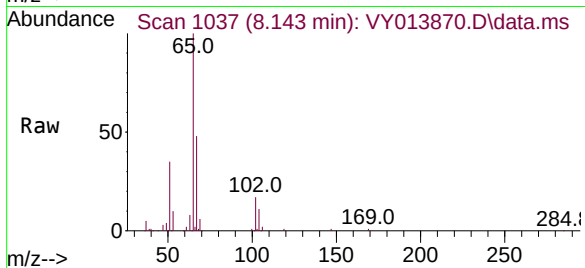
TP21

Tgt Ion: 65 Resp: 89607

Ion Ratio Lower Upper

65 100

67 48.9 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: VY013870.D

Acq: 25 May 2023 14:03

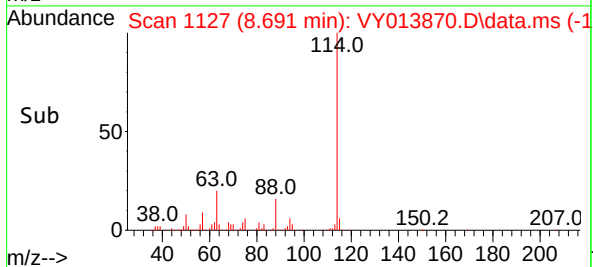
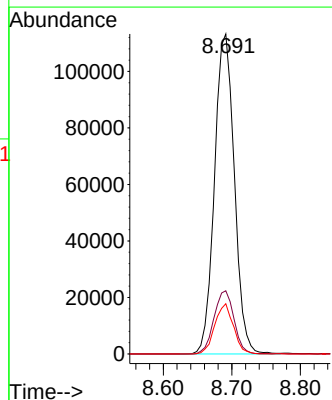
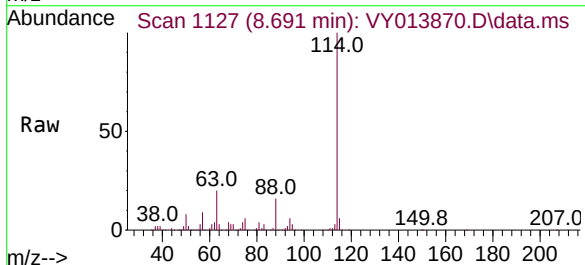
Tgt Ion: 114 Resp: 227612

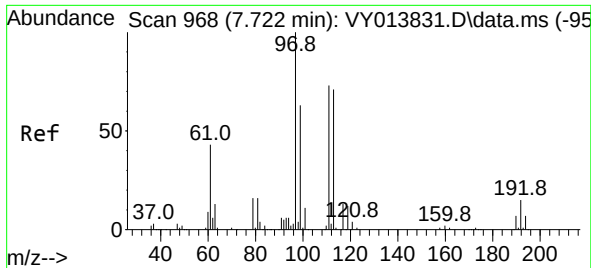
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.7 0.0 30.0

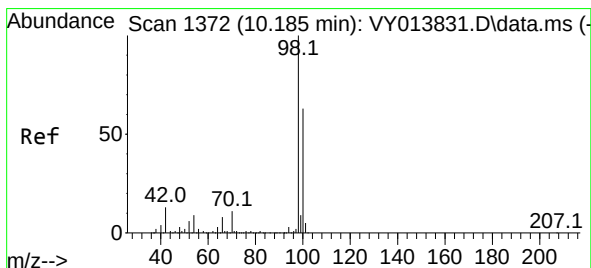
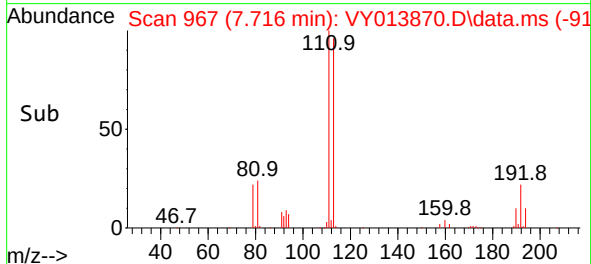
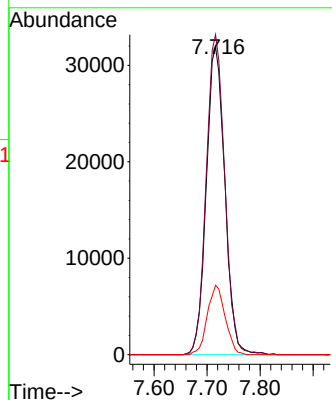
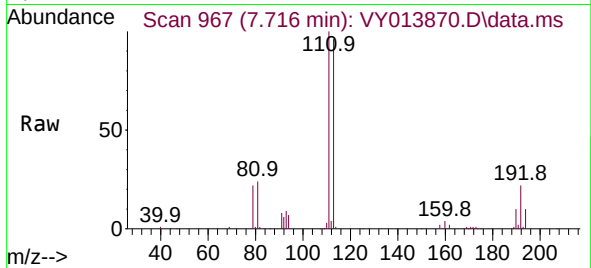




#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

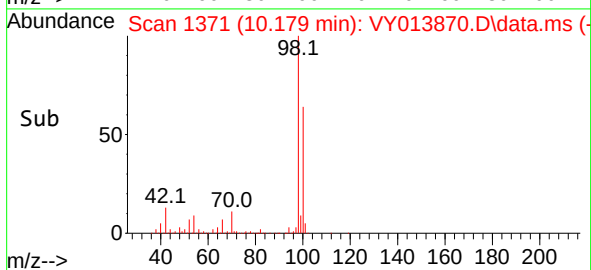
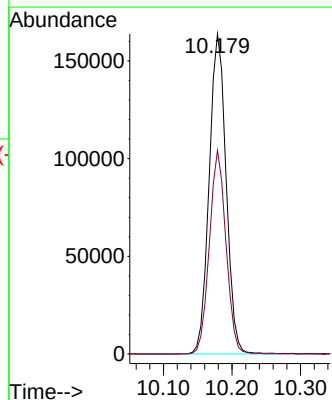
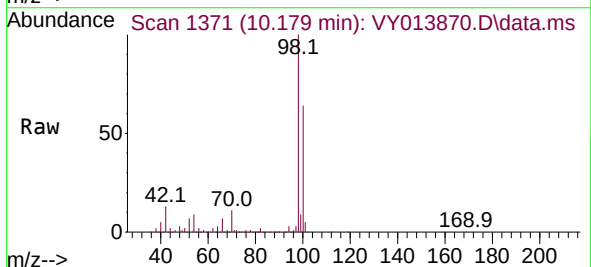
Instrument :
MSVOA_Y
ClientSampleId :
TP21

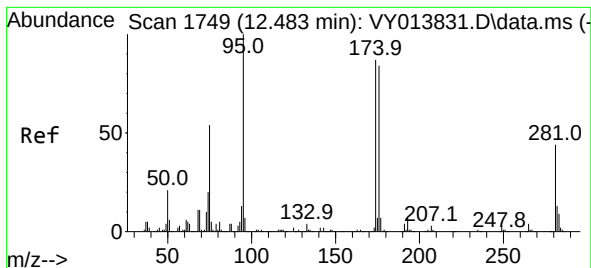
Tgt Ion:113 Resp: 77626
Ion Ratio Lower Upper
113 100
111 103.7 80.4 120.6
192 21.7 16.6 25.0



#50
Toluene-d8
Concen: 50.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

Tgt Ion: 98 Resp: 281620
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

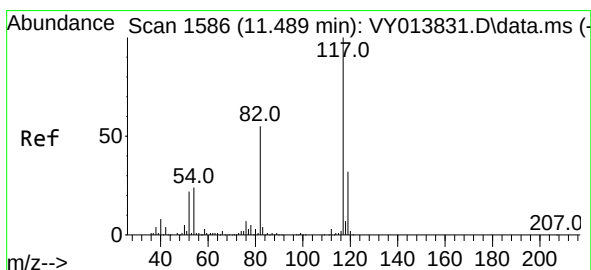
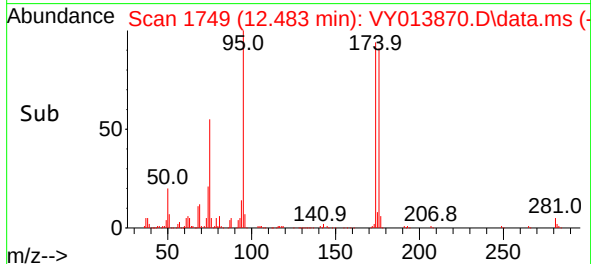
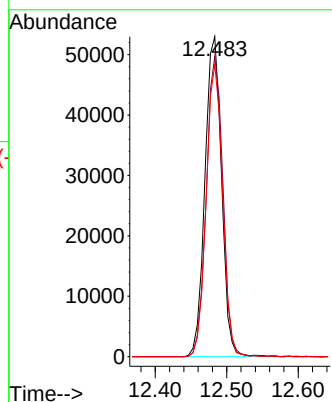
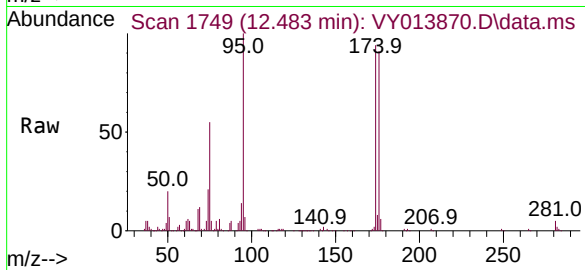




#62
4-Bromofluorobenzene
Concen: 45.954 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

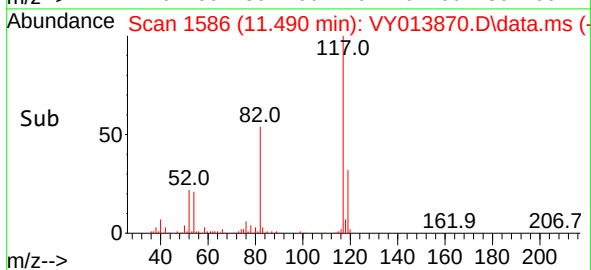
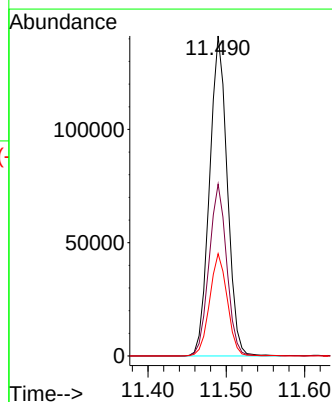
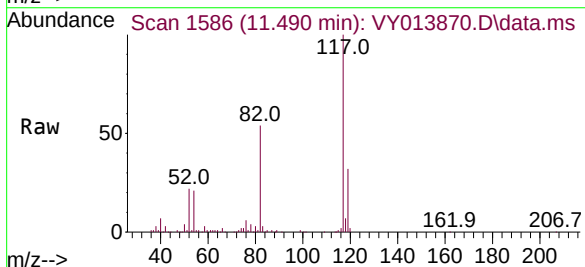
Instrument :
MSVOA_Y
ClientSampleId :
TP21

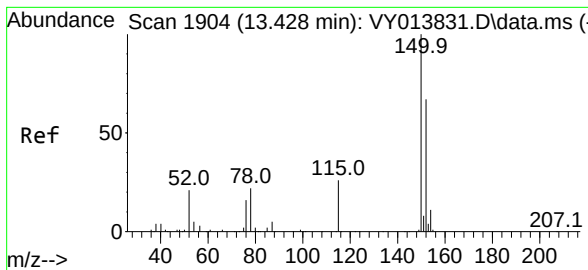
Tgt Ion: 95 Resp: 85338
Ion Ratio Lower Upper
95 100
174 93.8 0.0 176.0
176 90.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013870.D
Acq: 25 May 2023 14:03

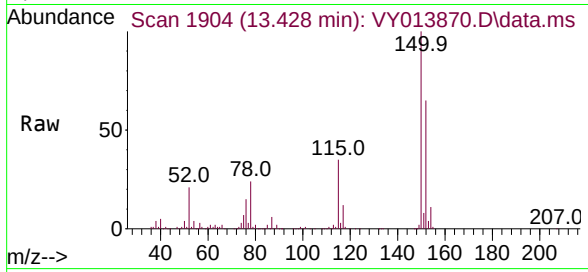
Tgt Ion: 117 Resp: 222135
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 32.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013870.D
 Acq: 25 May 2023 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP21



Tgt Ion:	152	Resp:	97022
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.8	86.5
150	156.3	0.0	353.4

