

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013857.D
 Acq On : 24 May 2023 19:29
 Operator : KP/MD
 Sample : 02908-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

Quant Time: May 25 07:10:15 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)

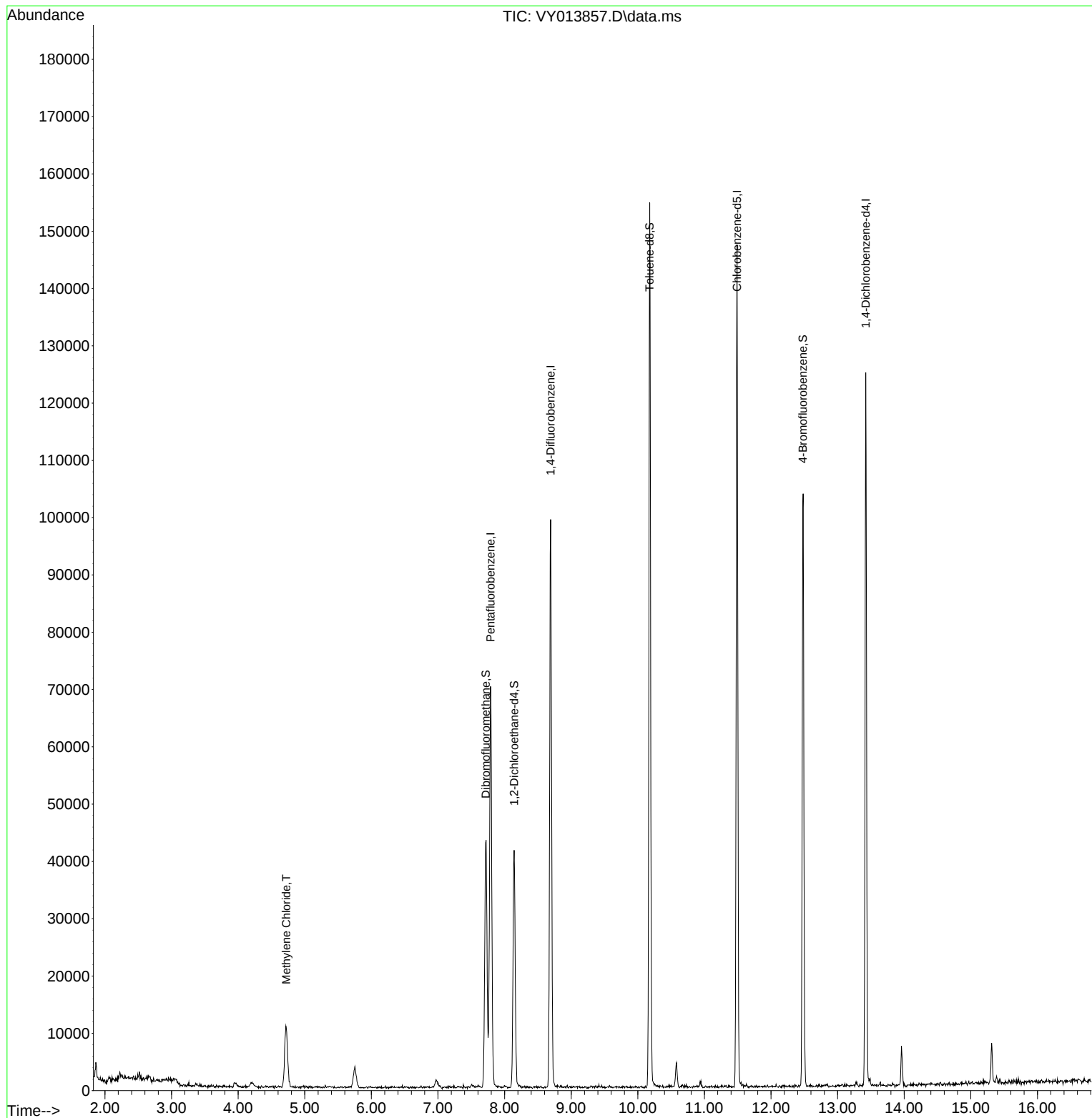
Internal Standards						
1) Pentafluorobenzene	7.789	168	53469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34640	55.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.716	113	30796	57.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.440%
50) Toluene-d8	10.179	98	100281	49.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.477	95	28679	42.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	7890	10.093	ug/l	88

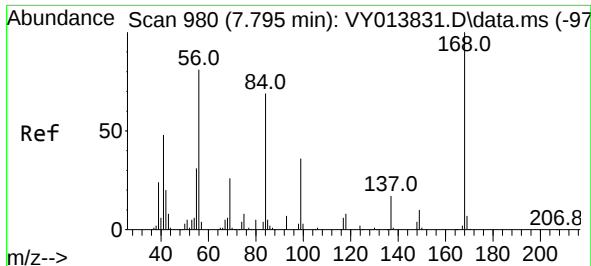
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013857.D
Acq On : 24 May 2023 19:29
Operator : KP/MD
Sample : 02908-06
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP01

Quant Time: May 25 07:10:15 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

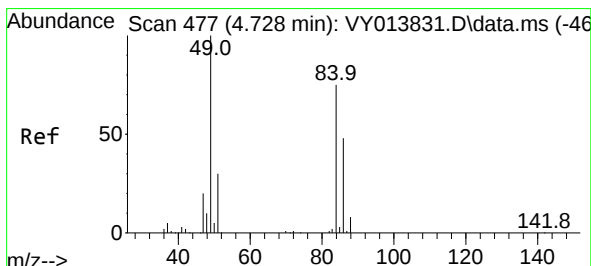
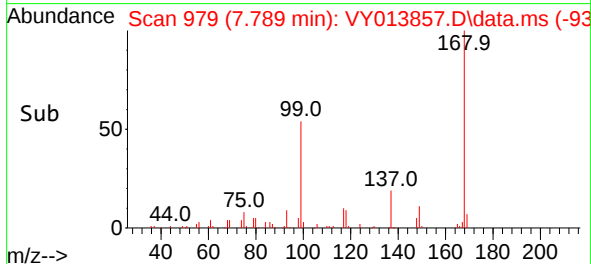
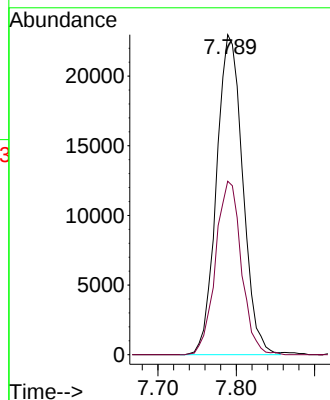
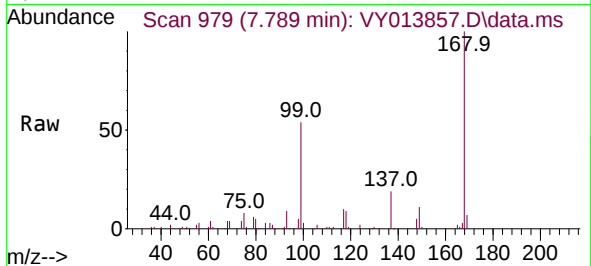




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

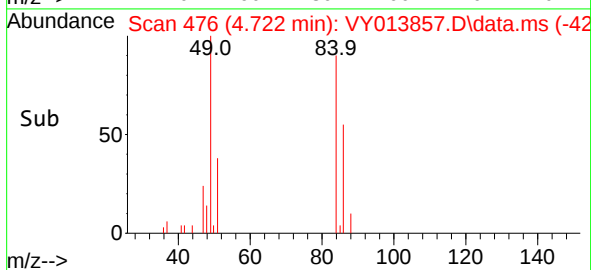
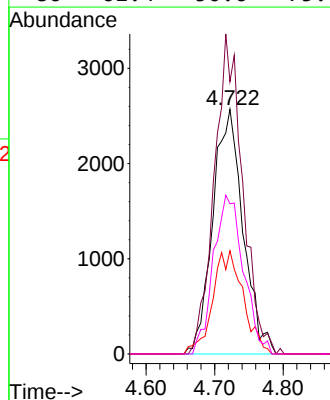
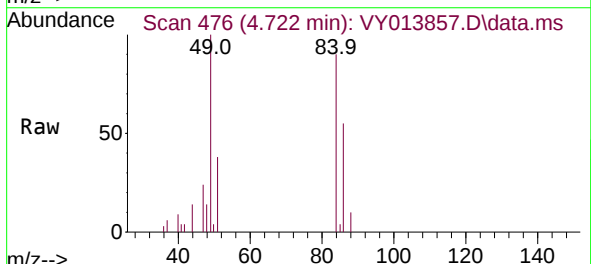
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

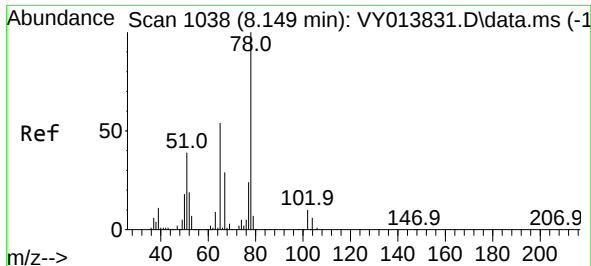
Tgt Ion:168 Resp: 53469
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.2



#20
Methylene Chloride
Concen: 10.093 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 84 Resp: 7890
Ion Ratio Lower Upper
84 100
49 111.3 106.2 159.2
51 42.2 31.4 47.0
86 61.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 55.999 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013857.D

Acq: 24 May 2023 19:29

Instrument :

MSVOA_Y

ClientSampleId :

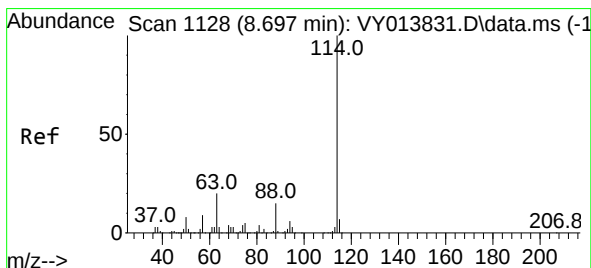
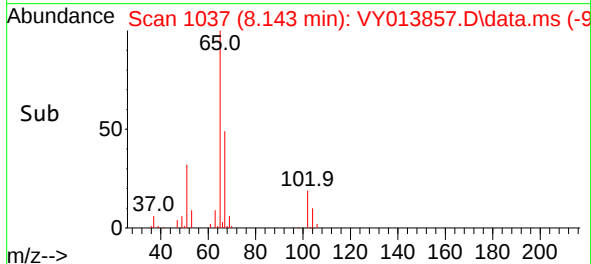
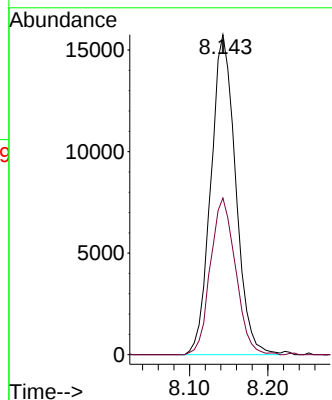
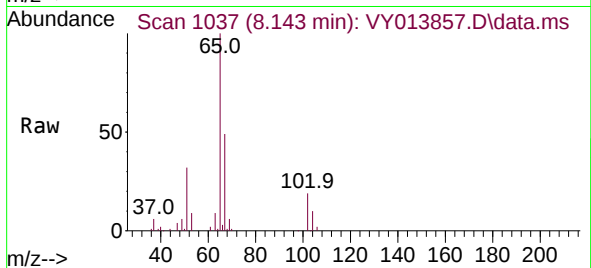
DUP01

Tgt Ion: 65 Resp: 34640

Ion Ratio Lower Upper

65 100

67 49.6 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: VY013857.D

Acq: 24 May 2023 19:29

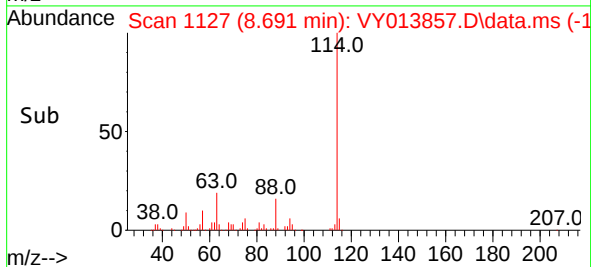
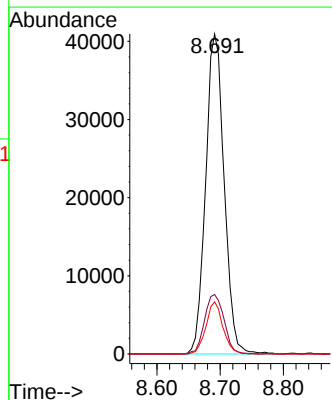
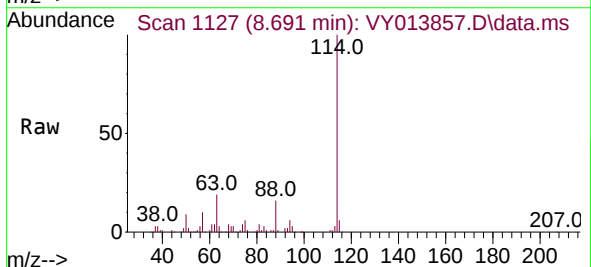
Tgt Ion: 114 Resp: 83332

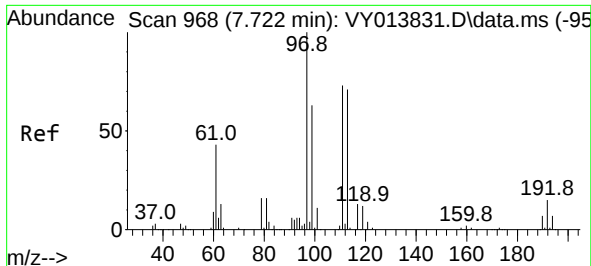
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 16.3 0.0 30.0

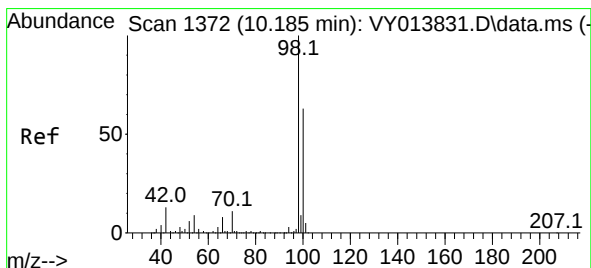
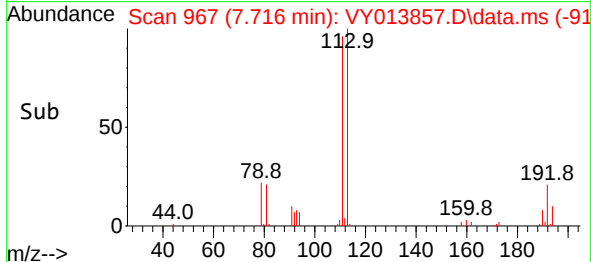
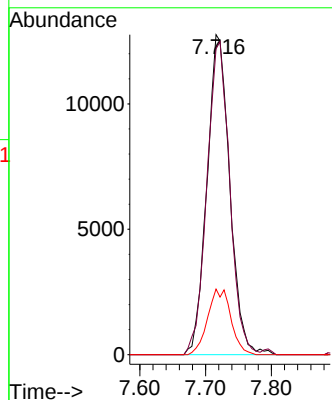
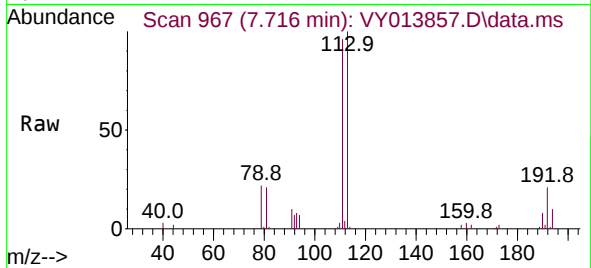




#35
Dibromofluoromethane
Concen: 57.224 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

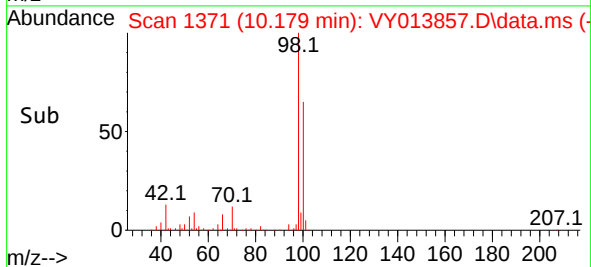
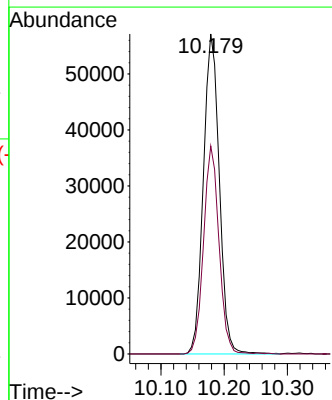
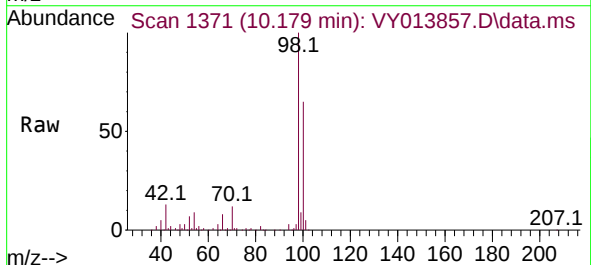
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

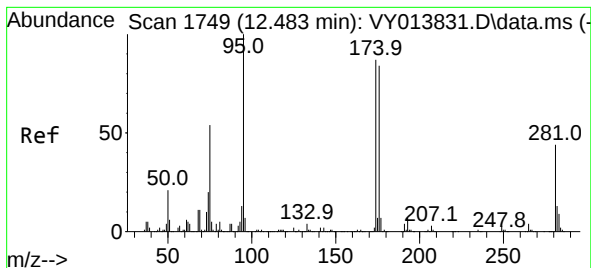
Tgt Ion:113 Resp: 30796
Ion Ratio Lower Upper
113 100
111 97.6 80.4 120.6
192 21.0 16.6 25.0



#50
Toluene-d8
Concen: 49.028 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 98 Resp: 100281
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2

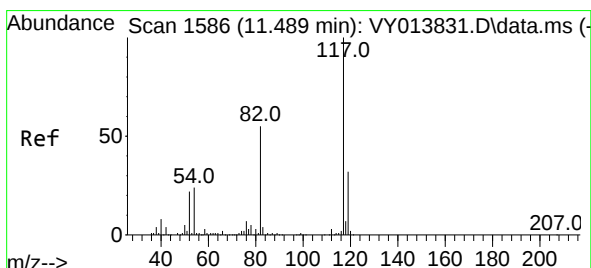
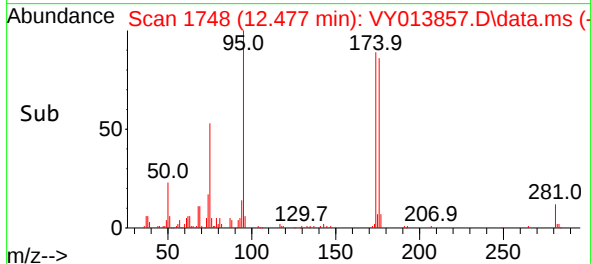
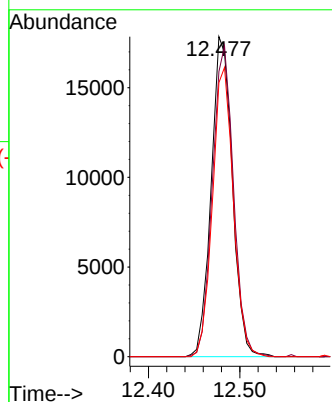
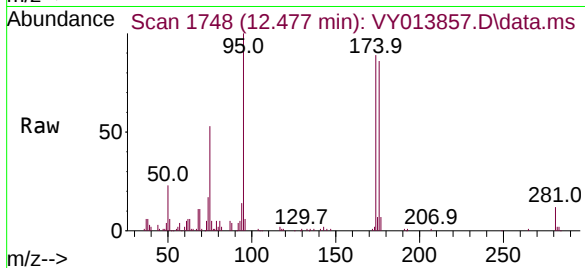




#62
4-Bromofluorobenzene
Concen: 42.182 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

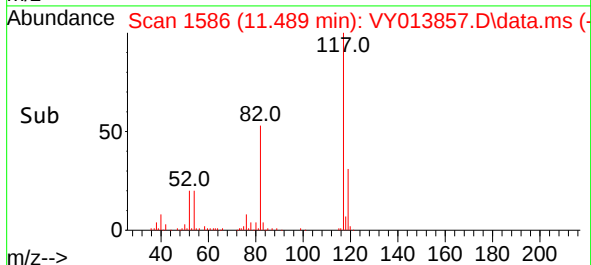
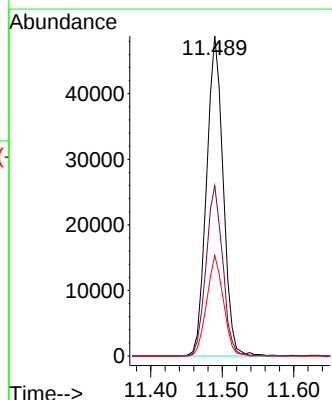
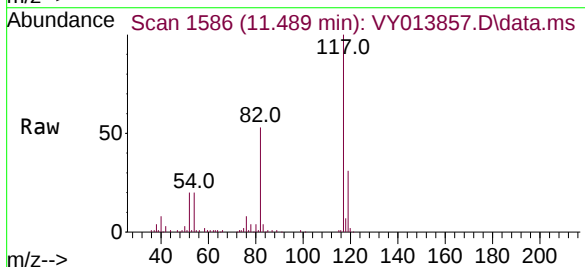
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

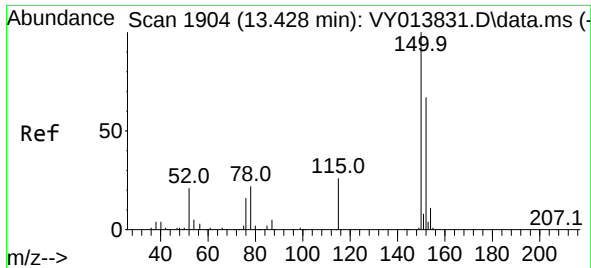
Tgt Ion: 95 Resp: 28679
Ion Ratio Lower Upper
95 100
174 96.6 0.0 176.0
176 89.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013857.D
Acq: 24 May 2023 19:29

Tgt Ion: 117 Resp: 78988
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.4
119 31.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013857.D

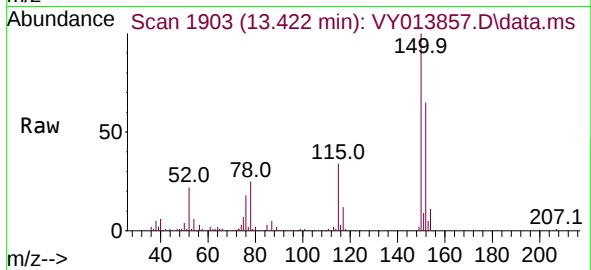
Acq: 24 May 2023 19:29

Instrument :

MSVOA_Y

ClientSampleId :

DUP01



Tgt Ion:152 Resp: 31783

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 158.3 0.0 353.4

