

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013878.D
 Acq On : 25 May 2023 17:10
 Operator : KP/MD
 Sample : 02908-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10B

Quant Time: May 26 04:34:43 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)

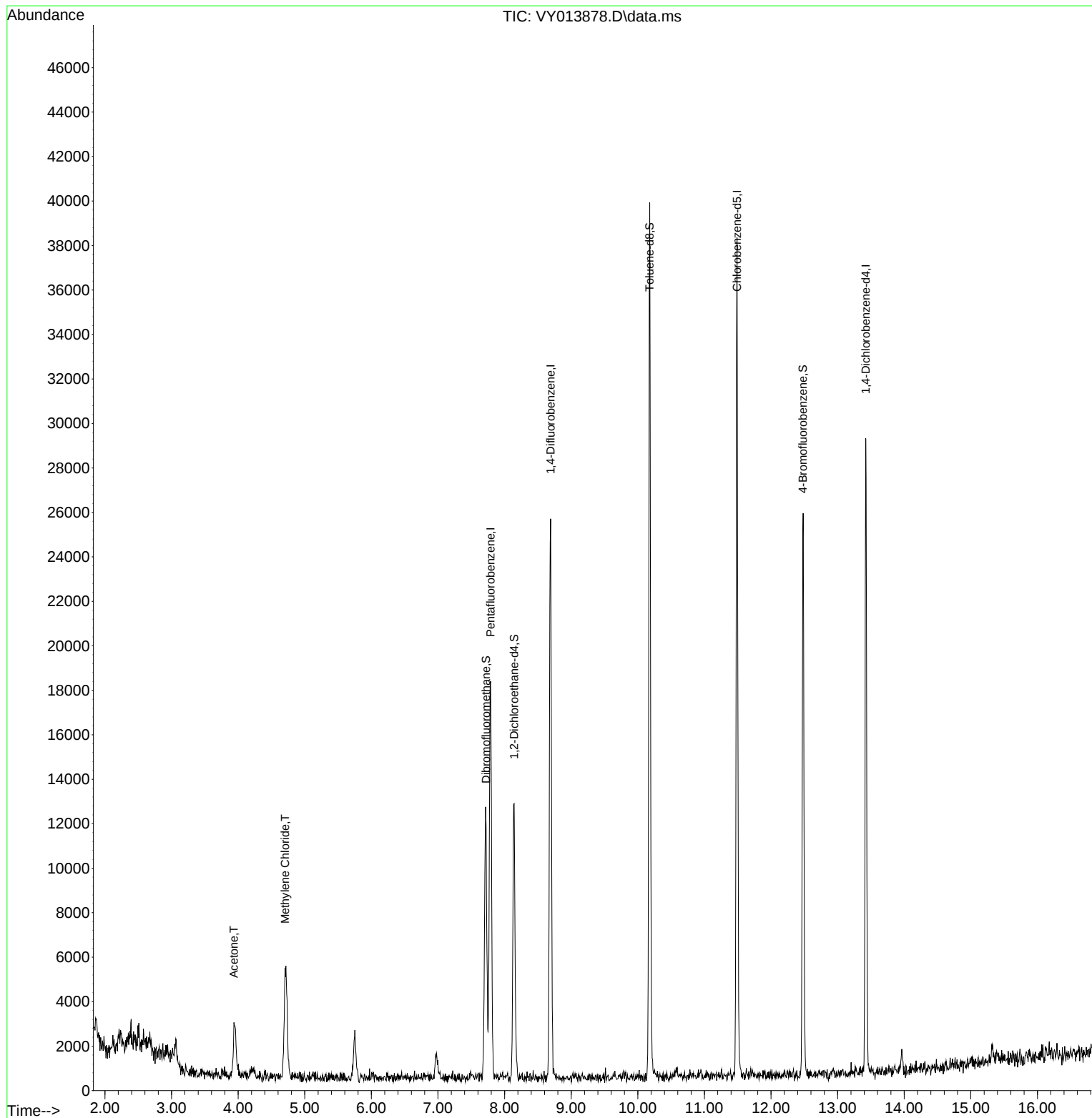
Internal Standards						
1) Pentafluorobenzene	7.789	168	14487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	20267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10591	63.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.380%
35) Dibromofluoromethane	7.722	113	8523	59.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.840%
50) Toluene-d8	10.179	98	26693	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.477	95	6842	38.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.160%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	4783	96.153	ug/l	93
20) Methylene Chloride	4.704	84	3669	19.240	ug/l	83

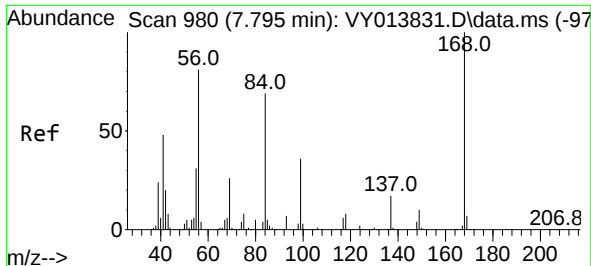
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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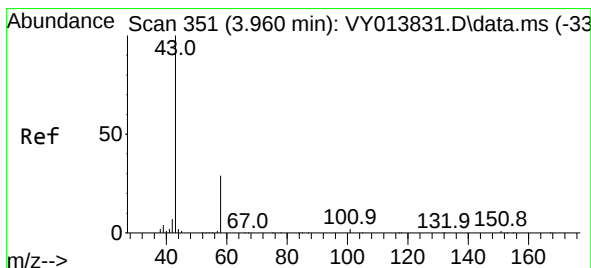
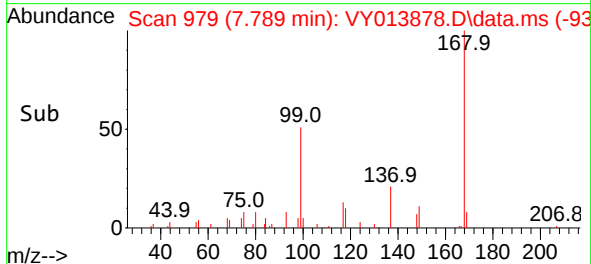
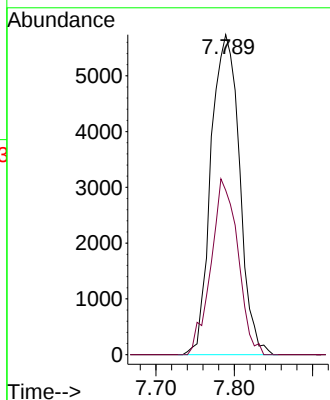
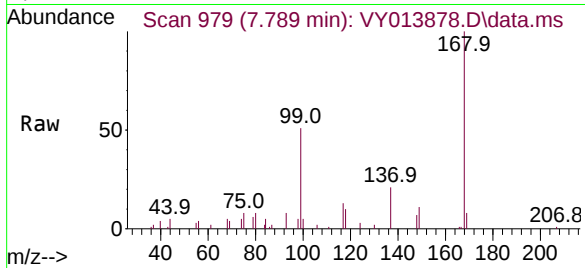




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

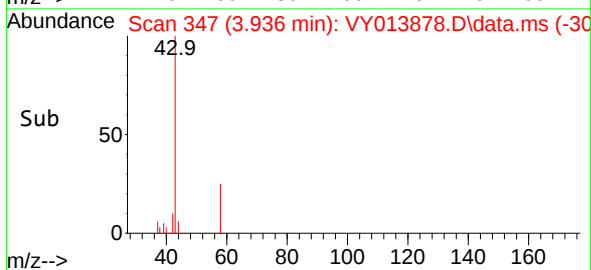
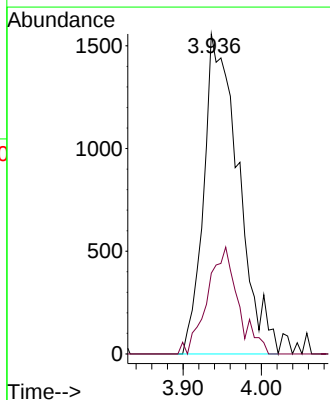
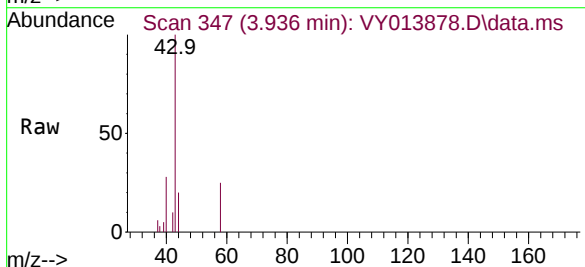
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

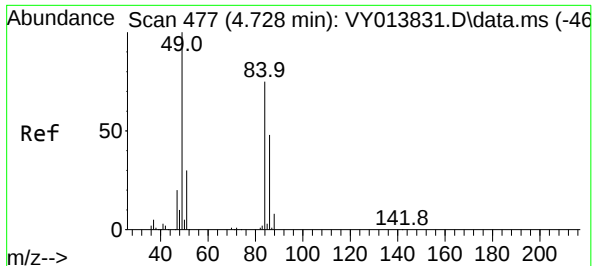
Tgt Ion:168 Resp: 14487
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.2



#16
Acetone
Concen: 96.153 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.024 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 43 Resp: 4783
Ion Ratio Lower Upper
43 100
58 25.2 23.3 34.9

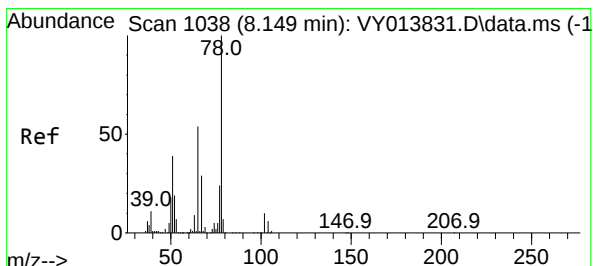
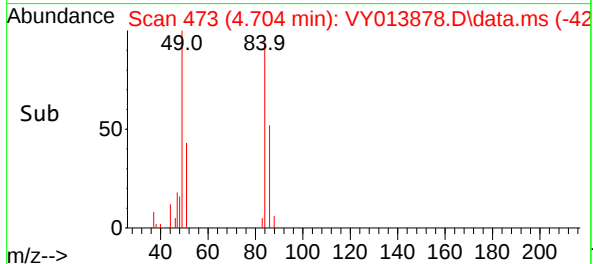
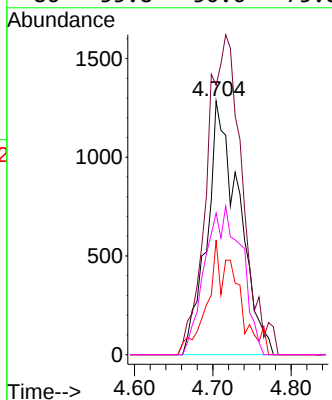
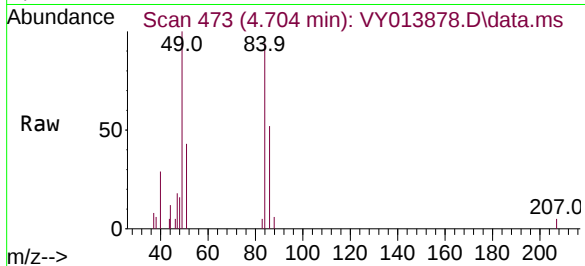




#20
Methylene Chloride
Concen: 19.240 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

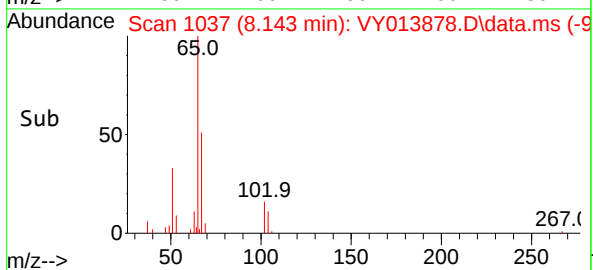
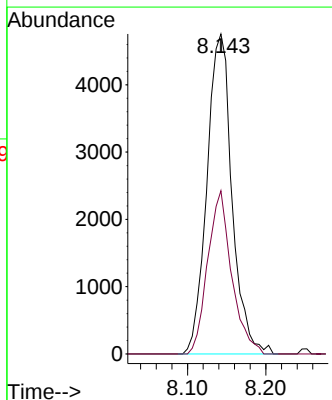
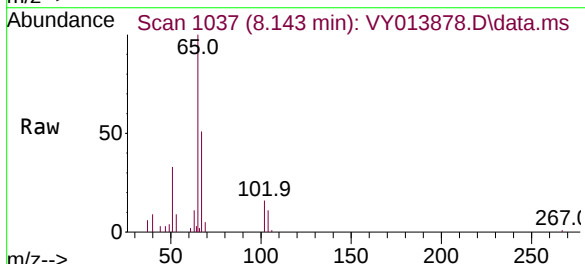
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

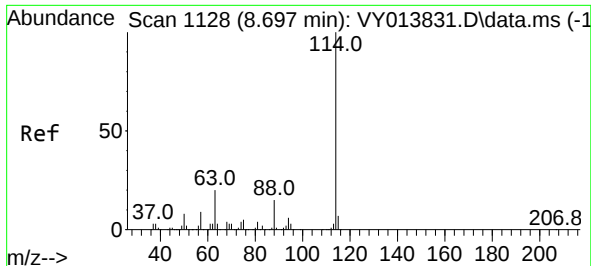
Tgt Ion:	84	Resp:	3669
Ion	Ratio	Lower	Upper
84	100		
49	106.3	106.2	159.2
51	45.2	31.4	47.0
86	55.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 63.192 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion:	65	Resp:	10591
Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	104.4

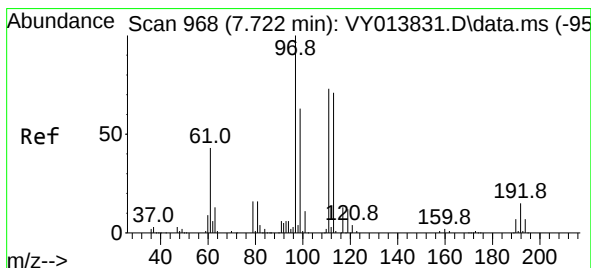
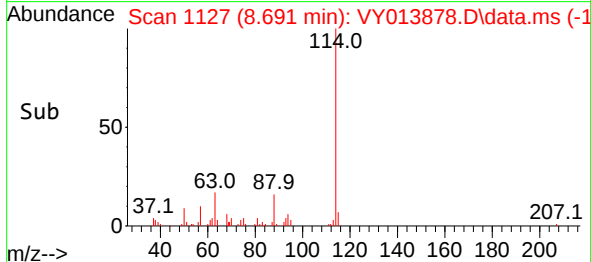
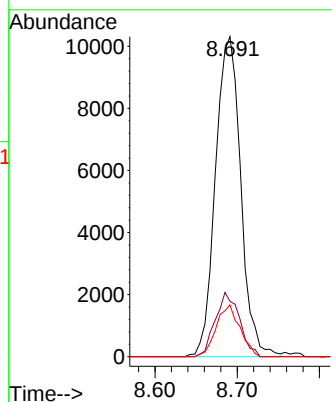
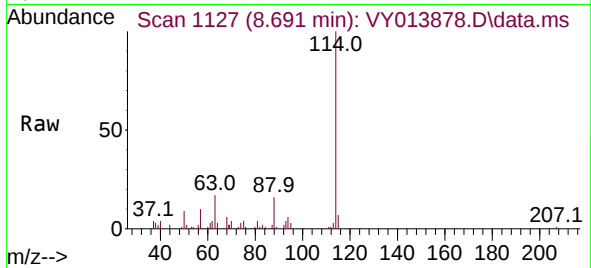




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

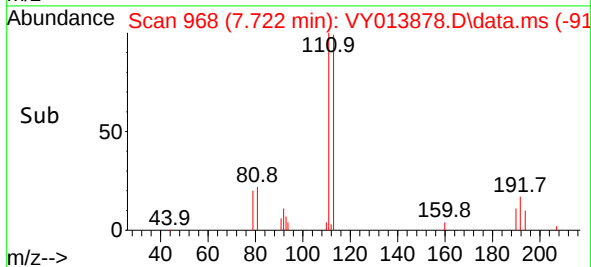
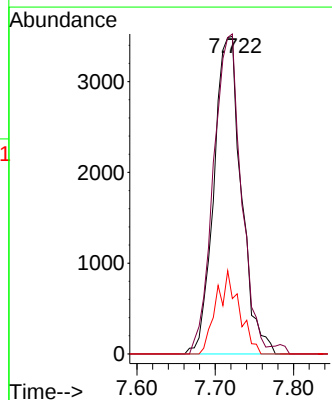
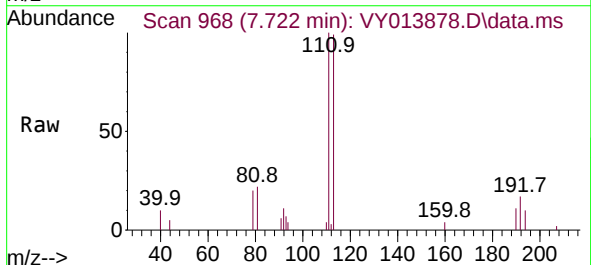
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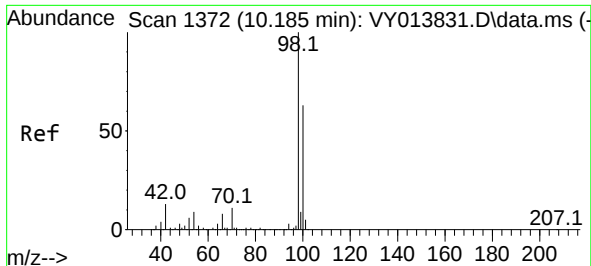
Tgt Ion:114	Resp:	22024
Ion	Ratio	Lower Upper
114	100	
63	17.3	0.0 40.2
88	16.2	0.0 30.0



#35
Dibromofluoromethane
Concen: 59.923 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion:113	Resp:	8523
Ion	Ratio	Lower Upper
113	100	
111	102.5	80.4 120.6
192	21.9	16.6 25.0

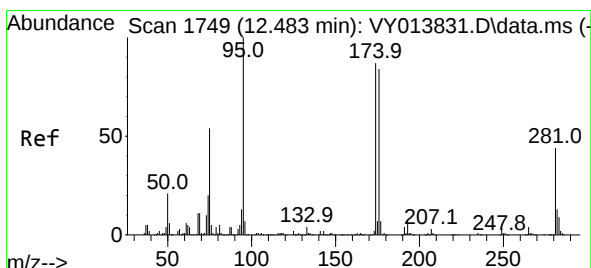
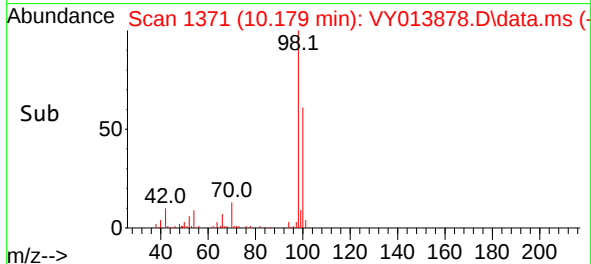
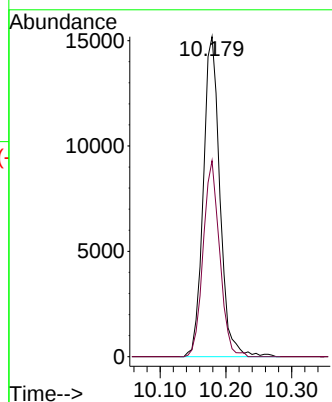
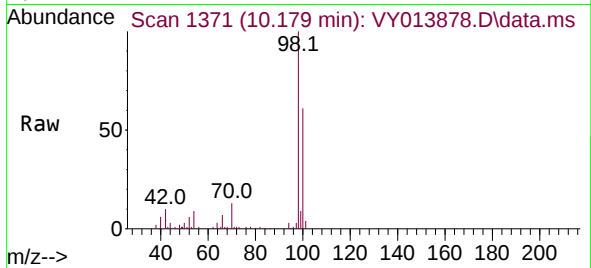




#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

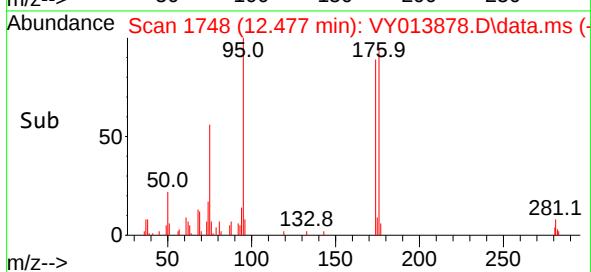
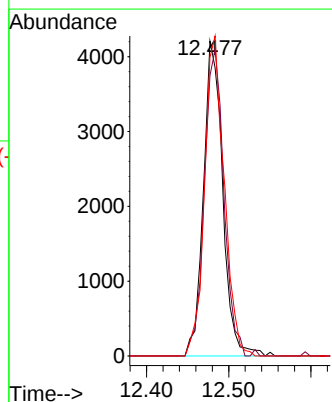
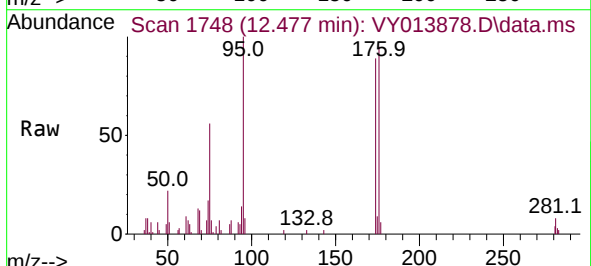
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

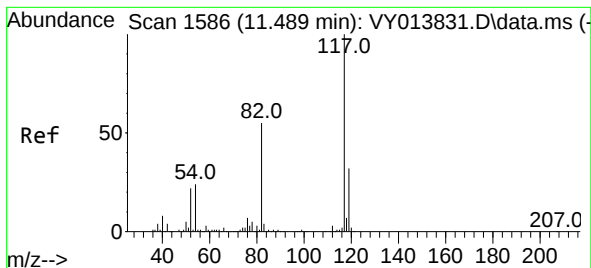
Tgt Ion: 98 Resp: 26693
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 38.077 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 95 Resp: 6842
Ion Ratio Lower Upper
95 100
174 99.3 0.0 176.0
176 103.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013878.D

Acq: 25 May 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB10B

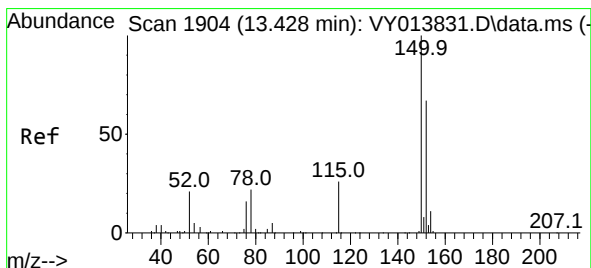
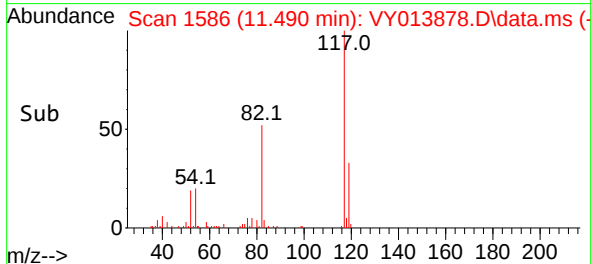
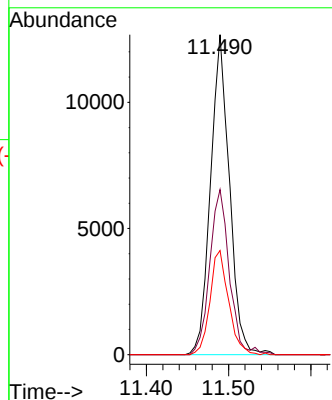
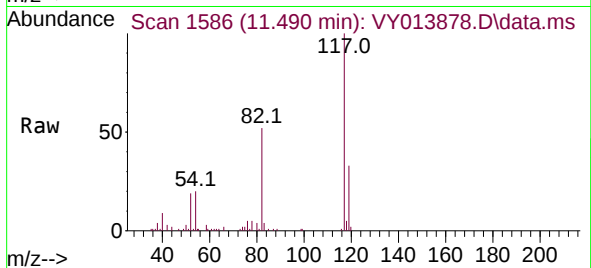
Tgt Ion:117 Resp: 20267

Ion Ratio Lower Upper

117 100

82 51.6 44.2 66.4

119 32.6 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: VY013878.D

Acq: 25 May 2023 17:10

Tgt Ion:152 Resp: 7740

Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 148.3 0.0 353.4

