

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013845.D
 Acq On : 24 May 2023 14:48
 Operator : KP/MD
 Sample : 02899-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB08

Quant Time: May 25 07:08:35 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)

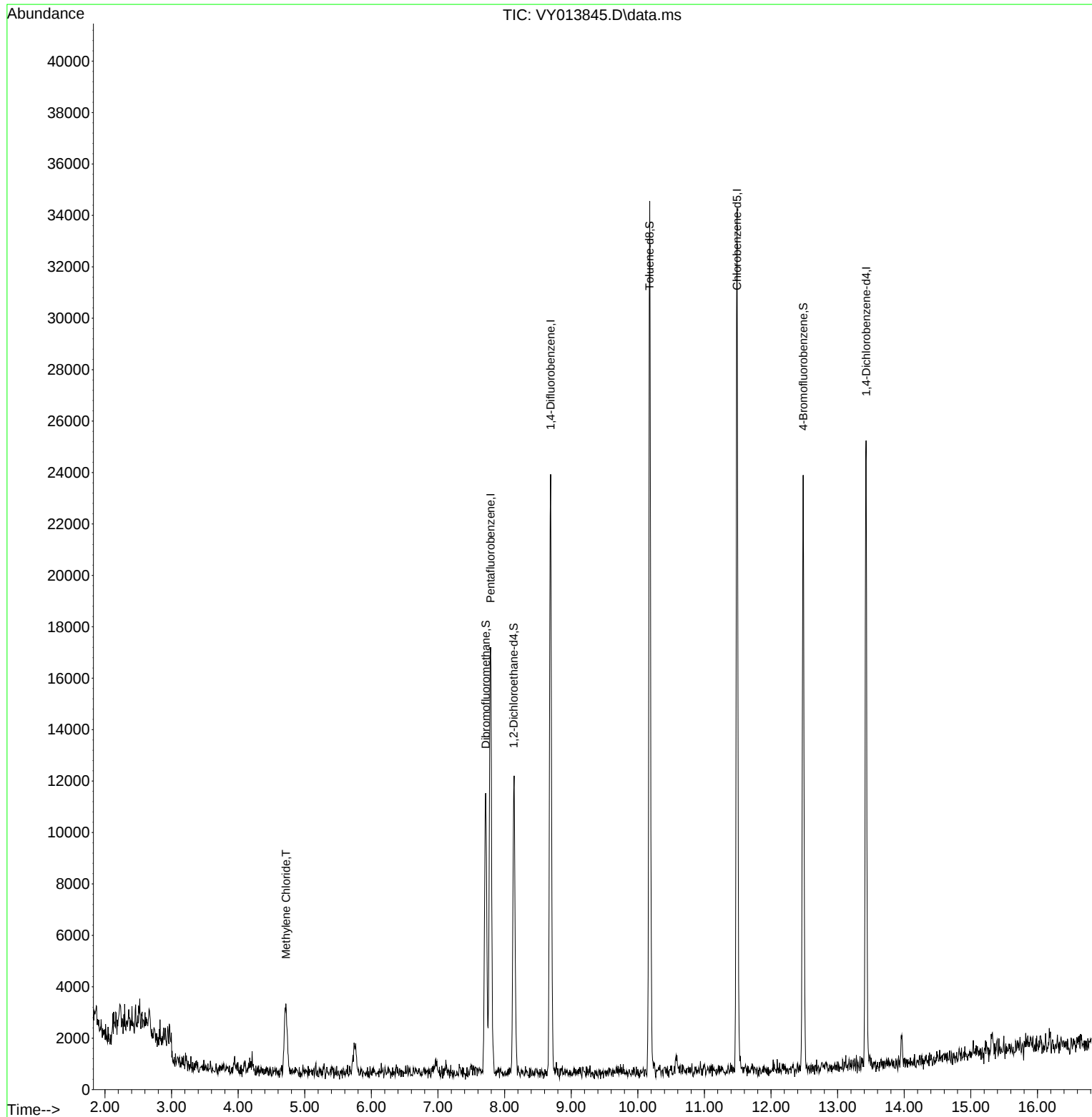
Internal Standards						
1) Pentafluorobenzene	7.789	168	13496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9372	60.025	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.040%
35) Dibromofluoromethane	7.716	113	7675	60.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.180%
50) Toluene-d8	10.179	98	23209	47.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.483	95	6302	39.058	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	2009	10.205	ug/l #	83

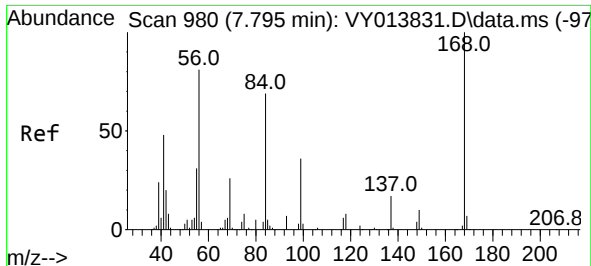
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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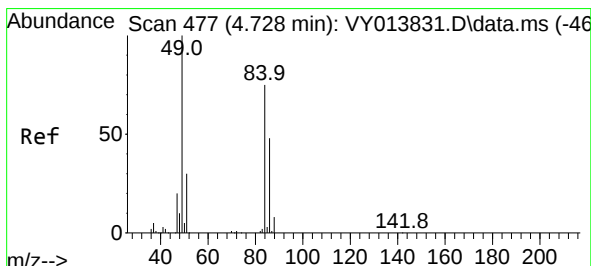
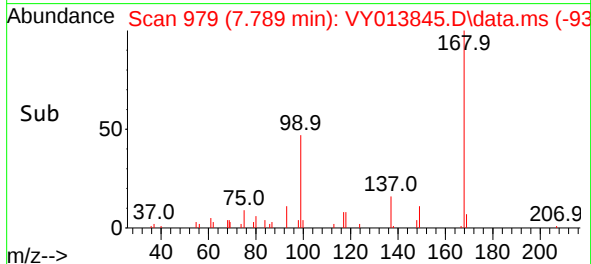
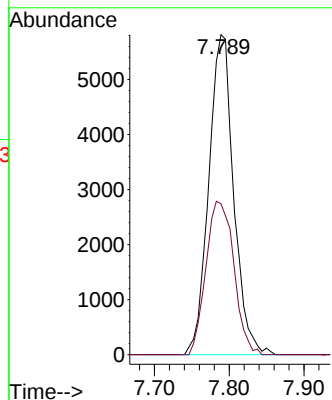
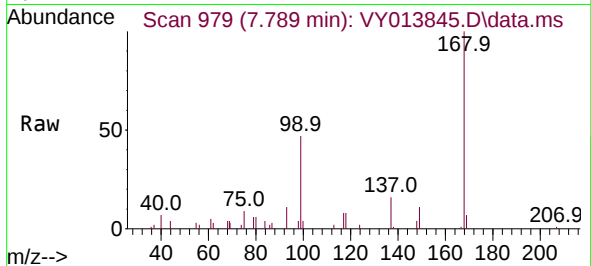




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013845.D
Acq: 24 May 2023 14:48

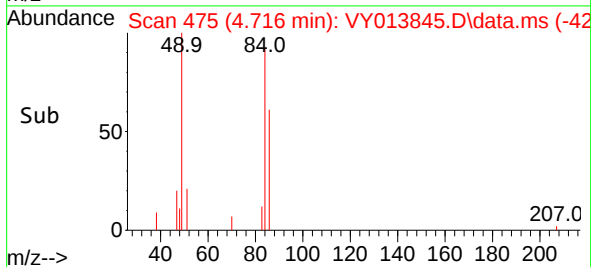
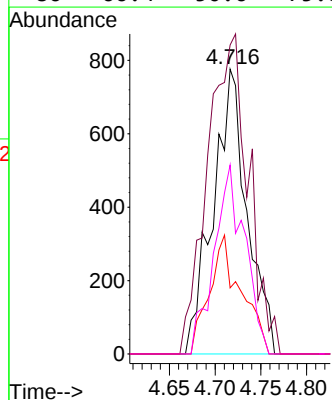
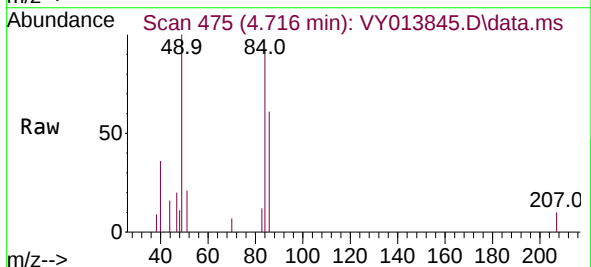
Instrument :
MSVOA_Y
ClientSampleId :
SB08

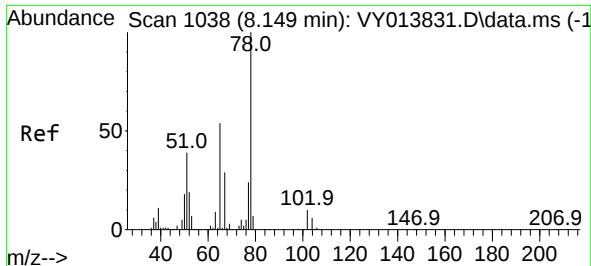
Tgt Ion:168 Resp: 13496
Ion Ratio Lower Upper
168 100
99 47.2 43.4 65.2



#20
Methylene Chloride
Concen: 10.205 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013845.D
Acq: 24 May 2023 14:48

Tgt Ion: 84 Resp: 2009
Ion Ratio Lower Upper
84 100
49 108.5 106.2 159.2
51 23.2 31.4 47.0#
86 66.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 60.025 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY013845.D

Acq: 24 May 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

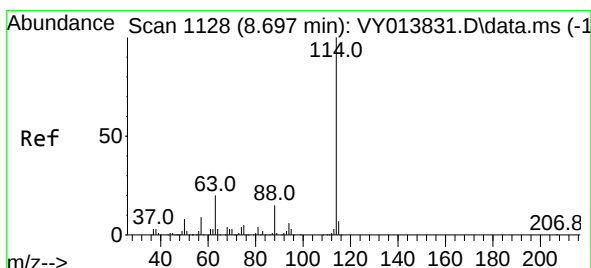
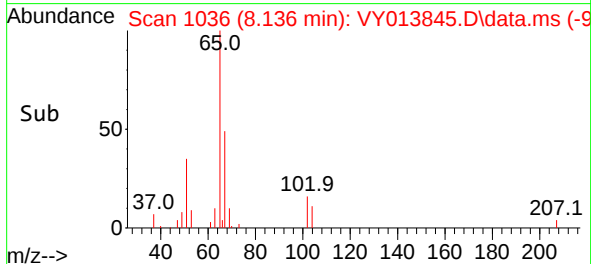
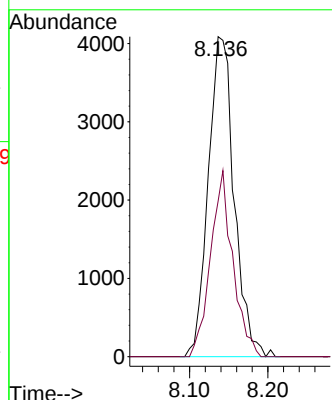
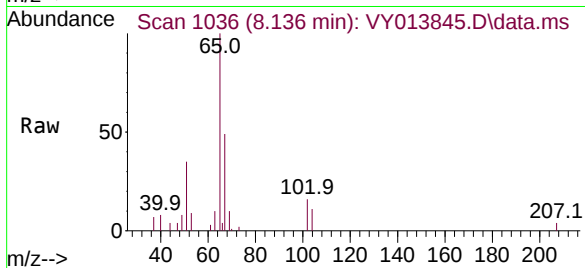
SB08

Tgt Ion: 65 Resp: 9372

Ion Ratio Lower Upper

65 100

67 50.1 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: VY013845.D

Acq: 24 May 2023 14:48

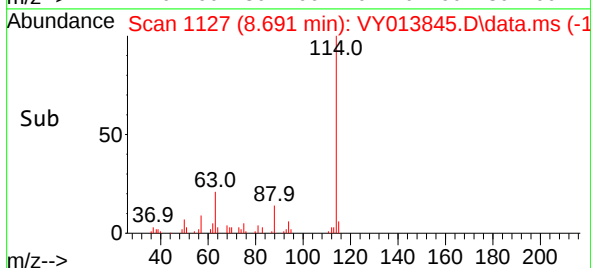
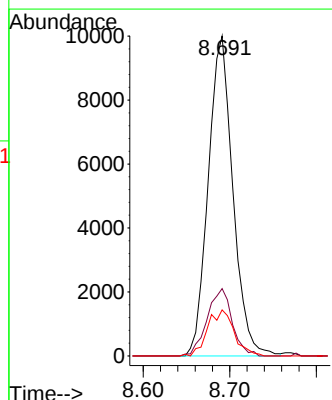
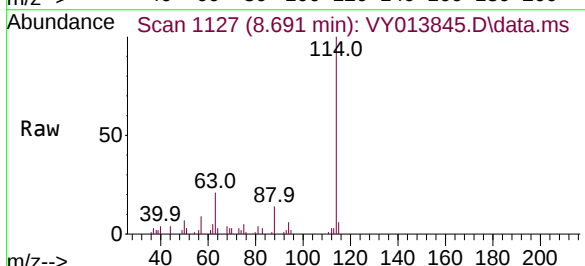
Tgt Ion: 114 Resp: 19776

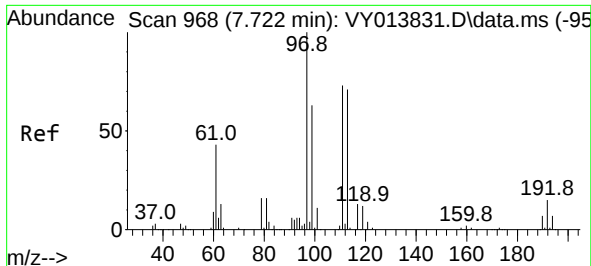
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 14.4 0.0 30.0

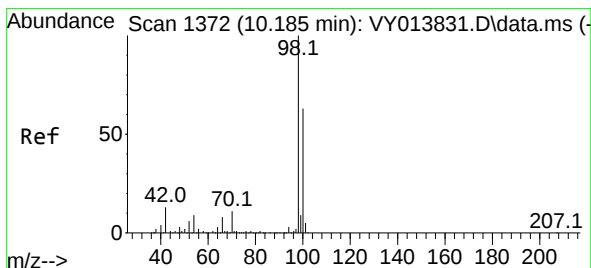
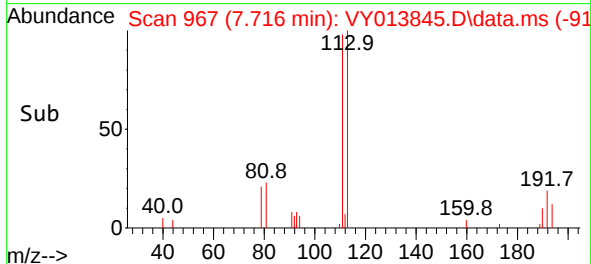
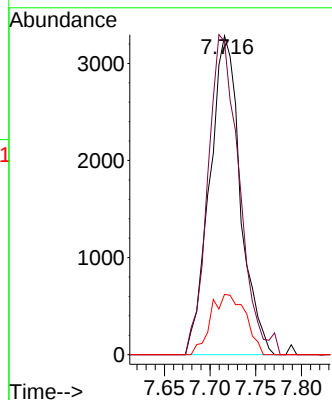
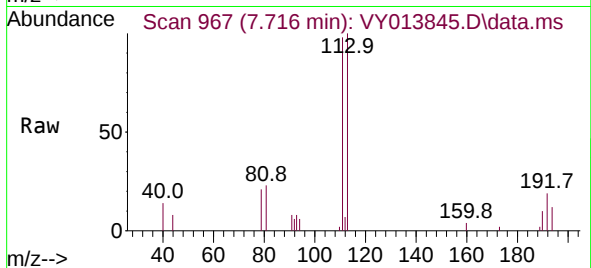




#35
Dibromofluoromethane
Concen: 60.095 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013845.D
Acq: 24 May 2023 14:48

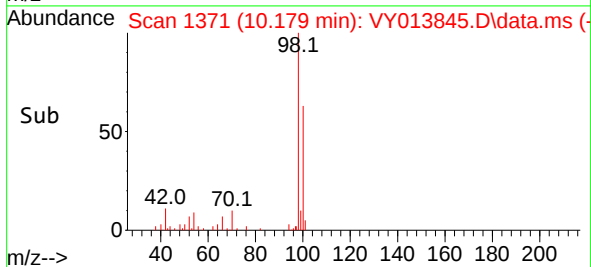
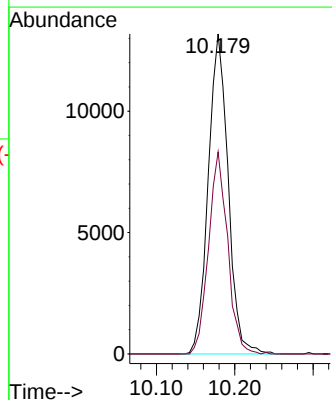
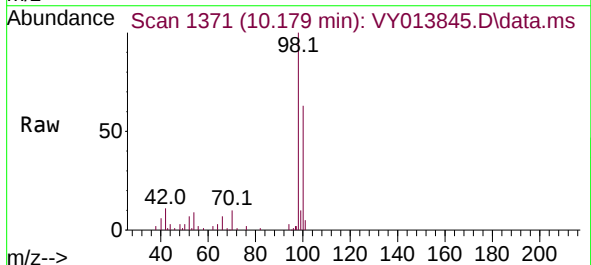
Instrument :
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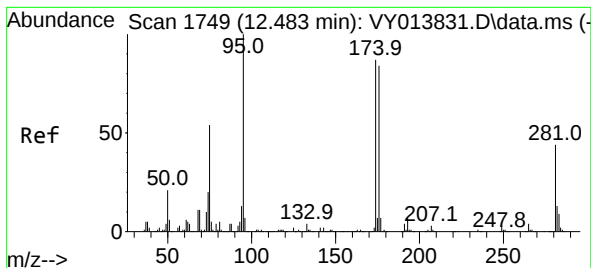
Tgt Ion:113 Resp: 7675
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 21.4 16.6 25.0



#50
Toluene-d8
Concen: 47.814 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013845.D
Acq: 24 May 2023 14:48

Tgt Ion: 98 Resp: 23209
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2

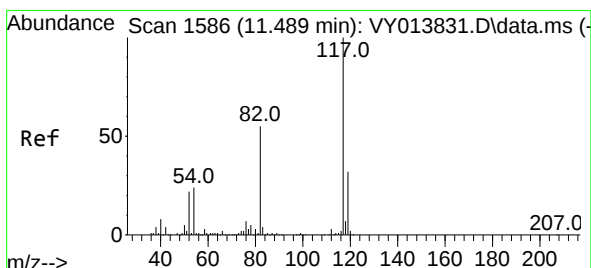
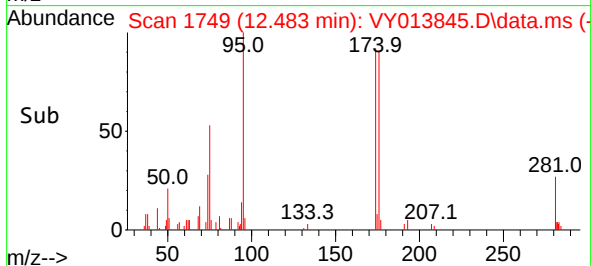
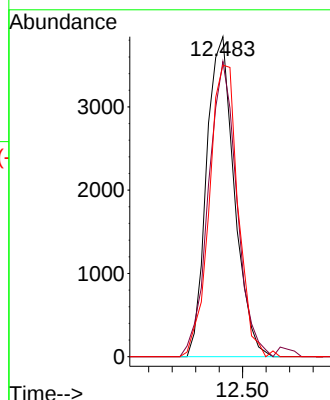
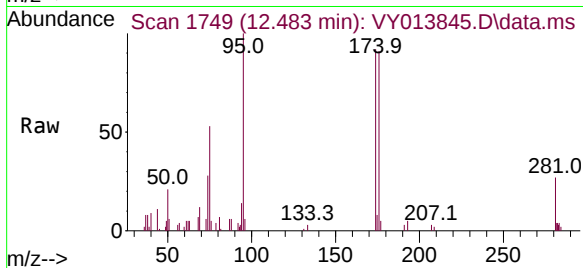




#62
4-Bromofluorobenzene
Concen: 39.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013845.D
Acq: 24 May 2023 14:48

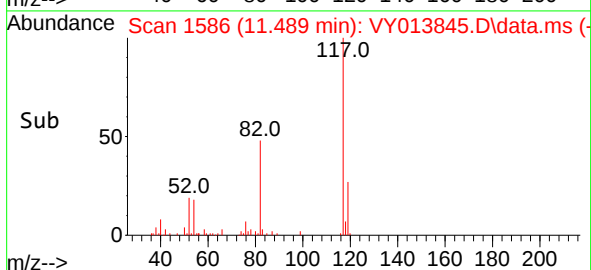
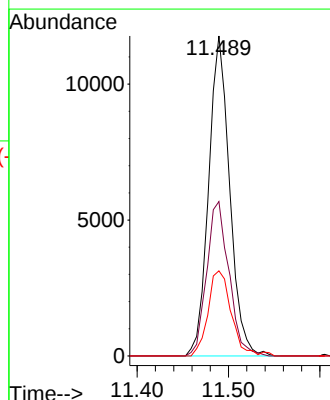
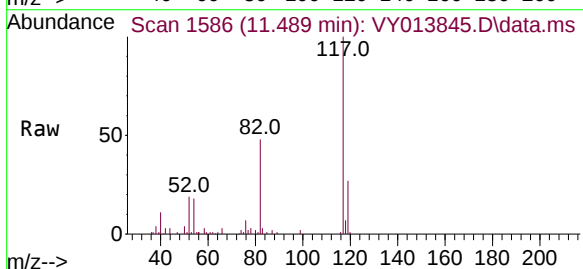
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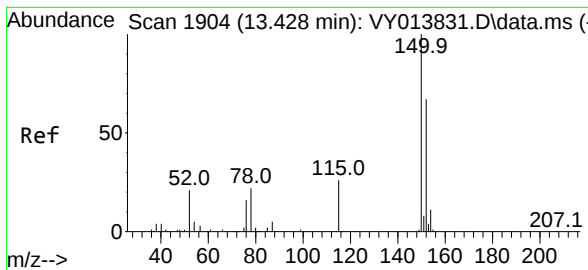
Tgt Ion:	95	Resp:	6302
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	176.0
176	94.4	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013845.D
Acq: 24 May 2023 14:48

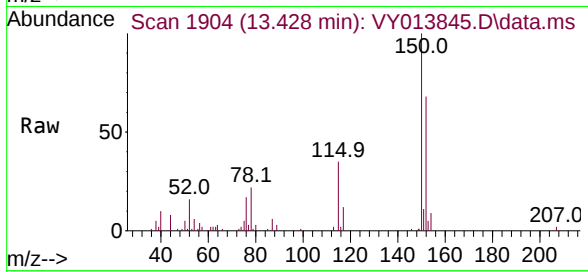
Tgt Ion:	117	Resp:	18789
Ion	Ratio	Lower	Upper
117	100		
82	48.2	44.2	66.4
119	26.6	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013845.D
 Acq: 24 May 2023 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB08



Tgt Ion:	152	Resp:	6801
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.8	86.5
150	157.3	0.0	353.4

