

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013645.D
 Acq On : 08 May 2023 13:37
 Operator : KP/MD
 Sample : 02588-13
 Misc : 3.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9-10-05022023

Quant Time: May 08 14:44:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

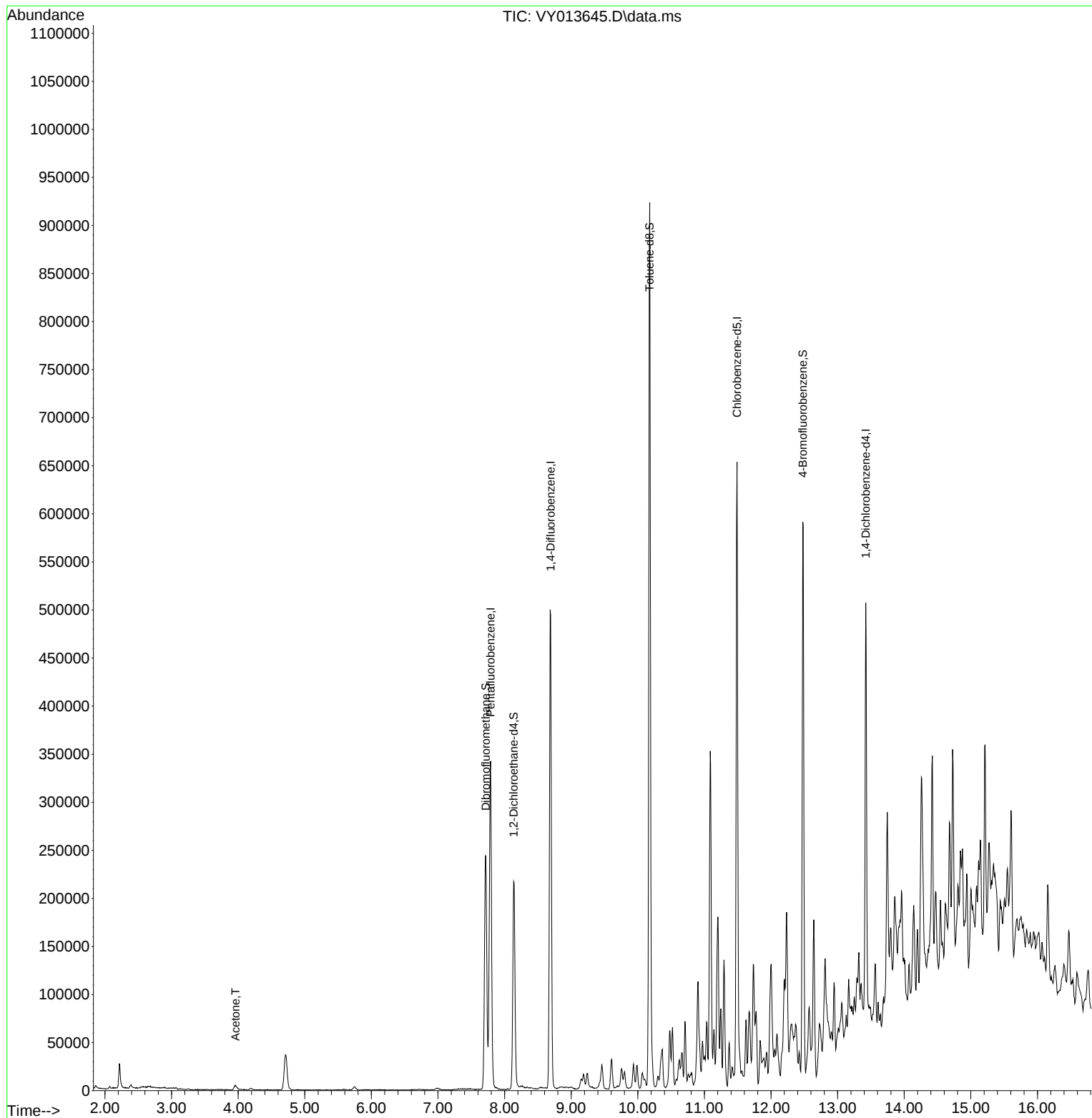
Internal Standards						
1) Pentafluorobenzene	7.789	168	266858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180720	61.777	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	123.560%	
35) Dibromofluoromethane	7.716	113	169209	63.679	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	127.360%	
50) Toluene-d8	10.179	98	541605	57.295	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	114.600%	
62) 4-Bromofluorobenzene	12.477	95	155107	48.672	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	97.340%	
Target Compounds						
16) Acetone	3.960	43	9293	8.067	ug/l	Qvalue 90

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

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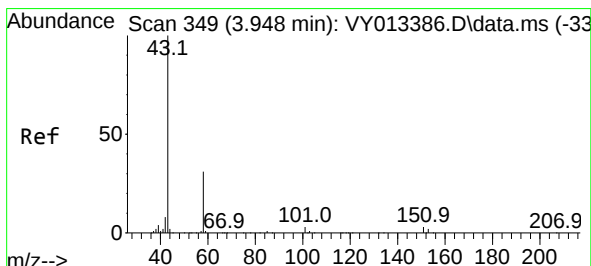
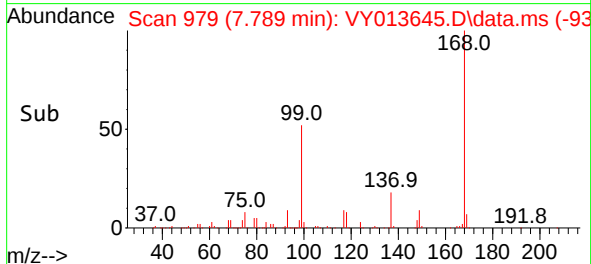
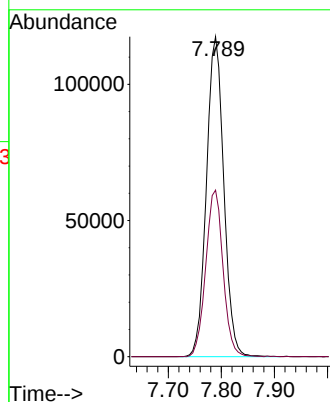
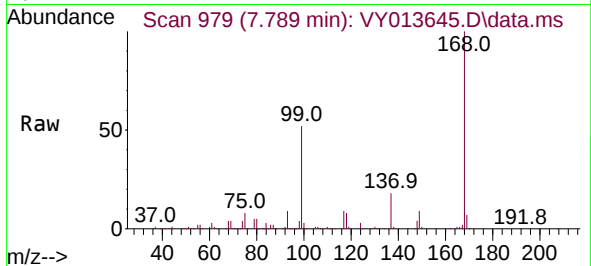




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013645.D
Acq: 08 May 2023 13:37

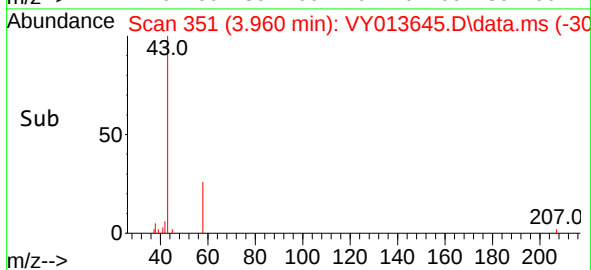
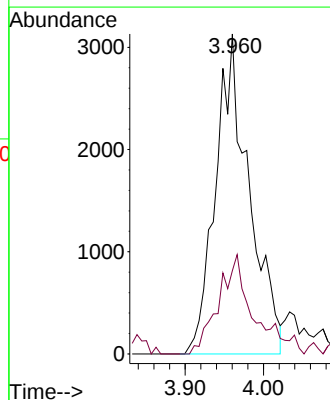
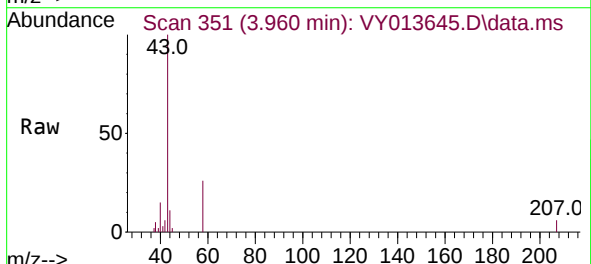
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9-10-05022023

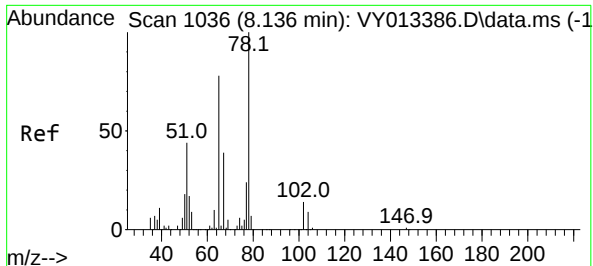
Tgt Ion:168 Resp: 266858
Ion Ratio Lower Upper
168 100
99 52.0 41.8 62.6



#16
Acetone
Concen: 8.067 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013645.D
Acq: 08 May 2023 13:37

Tgt Ion: 43 Resp: 9293
Ion Ratio Lower Upper
43 100
58 26.0 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 61.777 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013645.D

Acq: 08 May 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

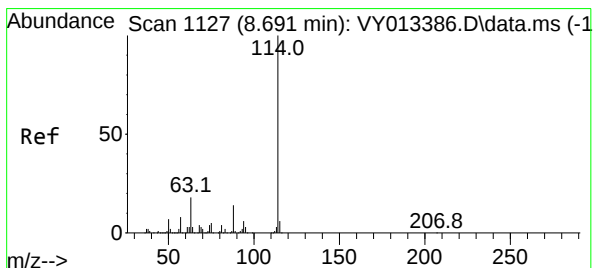
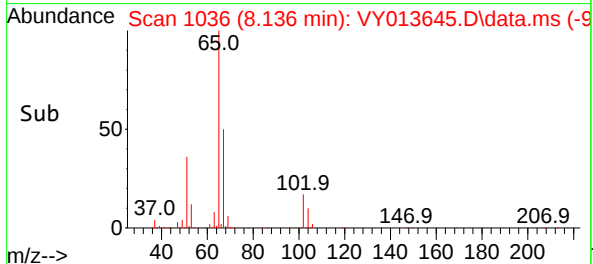
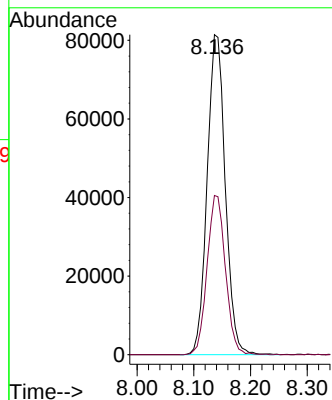
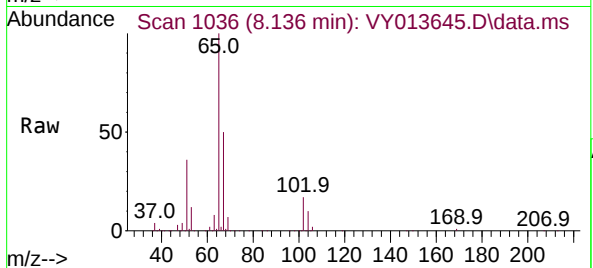
SB-16-9-10-05022023

Tgt Ion: 65 Resp: 180720

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013645.D

Acq: 08 May 2023 13:37

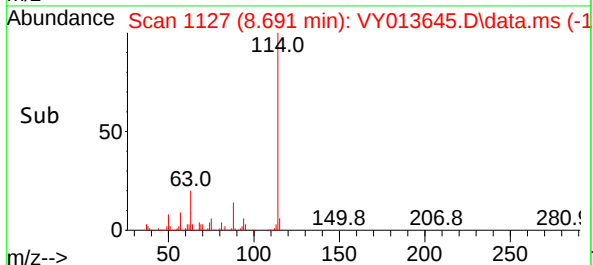
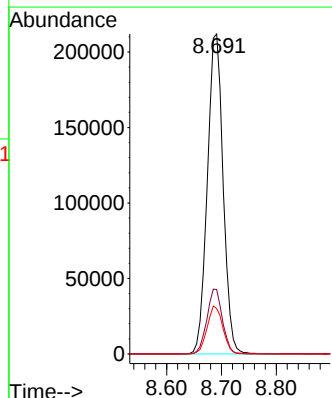
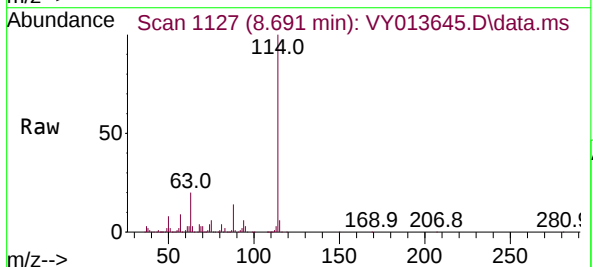
Tgt Ion: 114 Resp: 422485

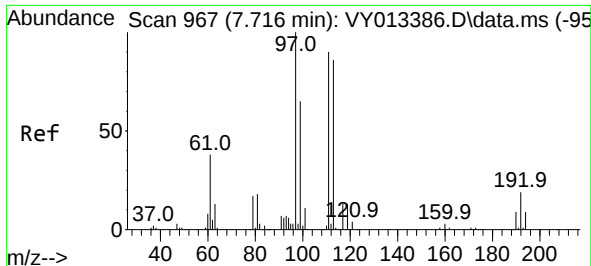
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.6

88 14.2 0.0 28.8

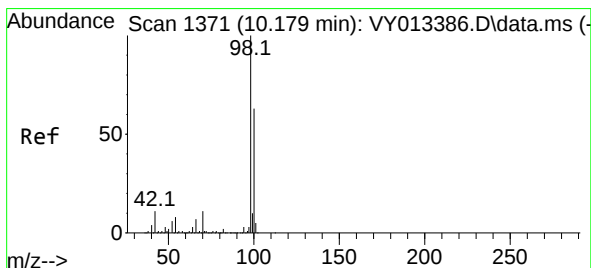
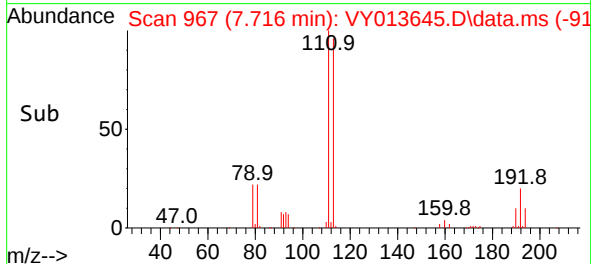
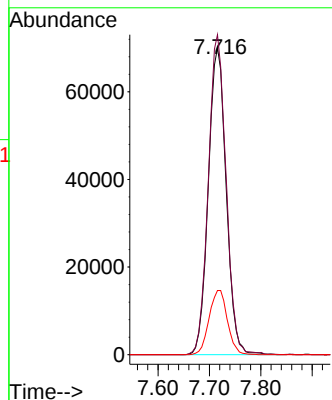
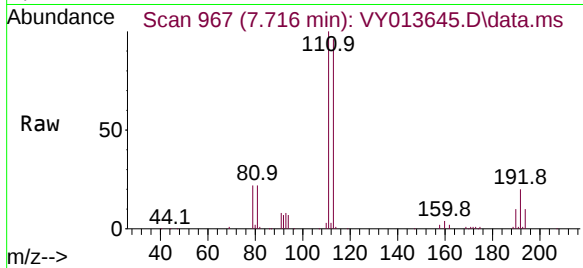




#35
Dibromofluoromethane
Concen: 63.679 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013645.D
Acq: 08 May 2023 13:37

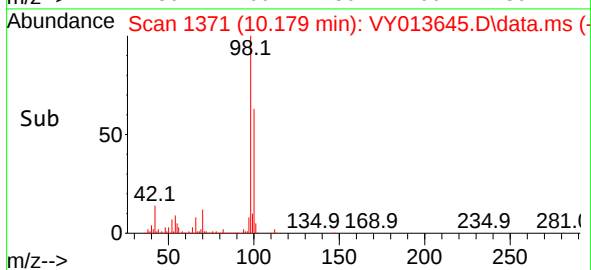
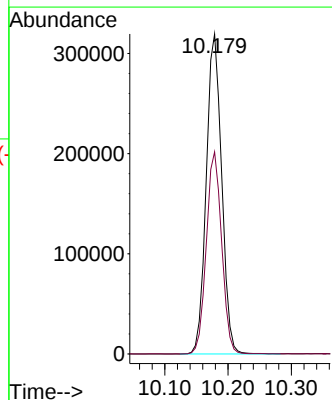
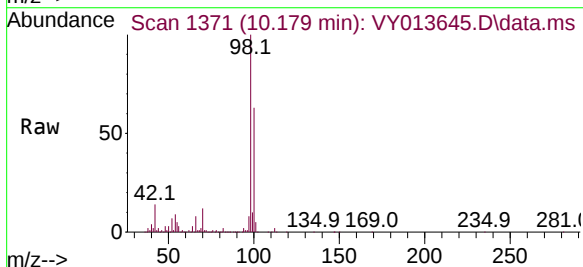
Instrument :
MSVOA_Y
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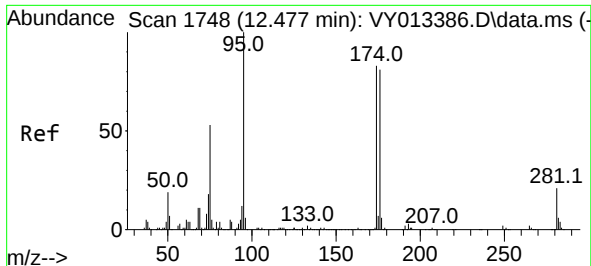
Tgt Ion:113 Resp: 169209
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 21.4 16.7 25.1



#50
Toluene-d8
Concen: 57.295 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013645.D
Acq: 08 May 2023 13:37

Tgt Ion: 98 Resp: 541605
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

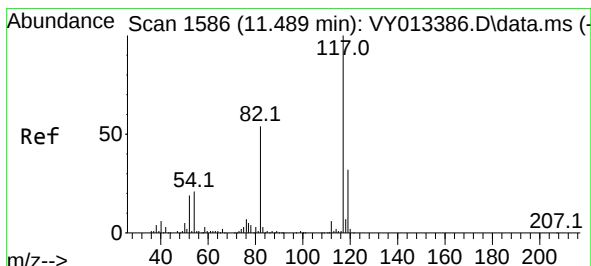
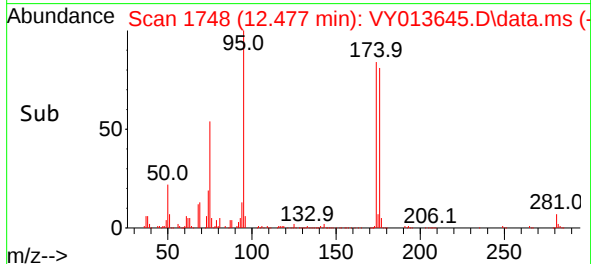
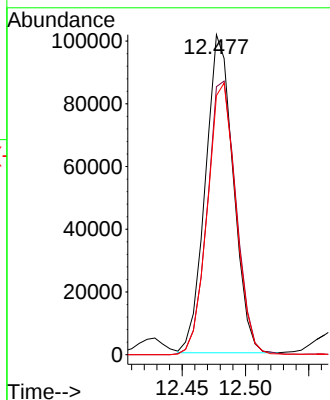
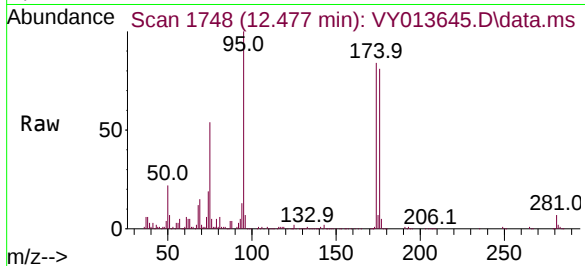




#62
4-Bromofluorobenzene
Concen: 48.672 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013645.D
Acq: 08 May 2023 13:37

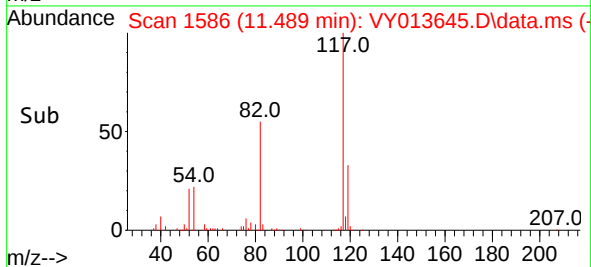
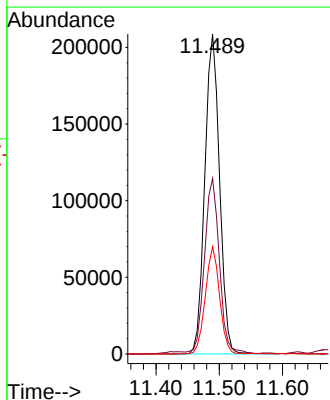
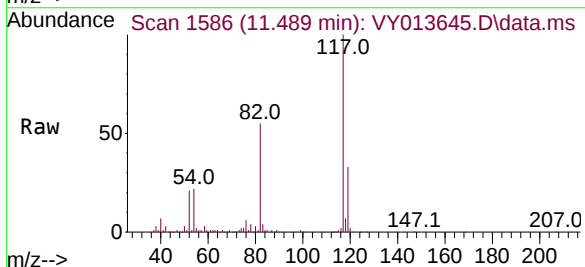
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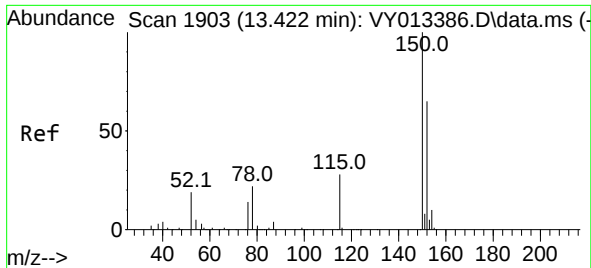
Tgt Ion: 95 Resp: 155107
Ion Ratio Lower Upper
95 100
174 89.6 0.0 182.0
176 87.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013645.D
Acq: 08 May 2023 13:37

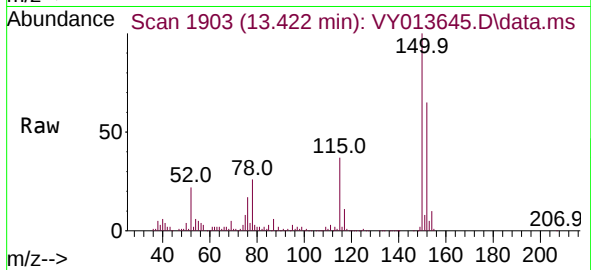
Tgt Ion: 117 Resp: 338601
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.6
119 33.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013645.D
 Acq: 08 May 2023 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9-10-05022023



Tgt Ion:	152	Resp:	116425
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.1	84.2
150	150.9	0.0	352.0

