

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013903.D
 Acq On : 26 May 2023 19:07
 Operator : KP/MD
 Sample : 02955-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB25

Quant Time: May 29 04:36:28 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)

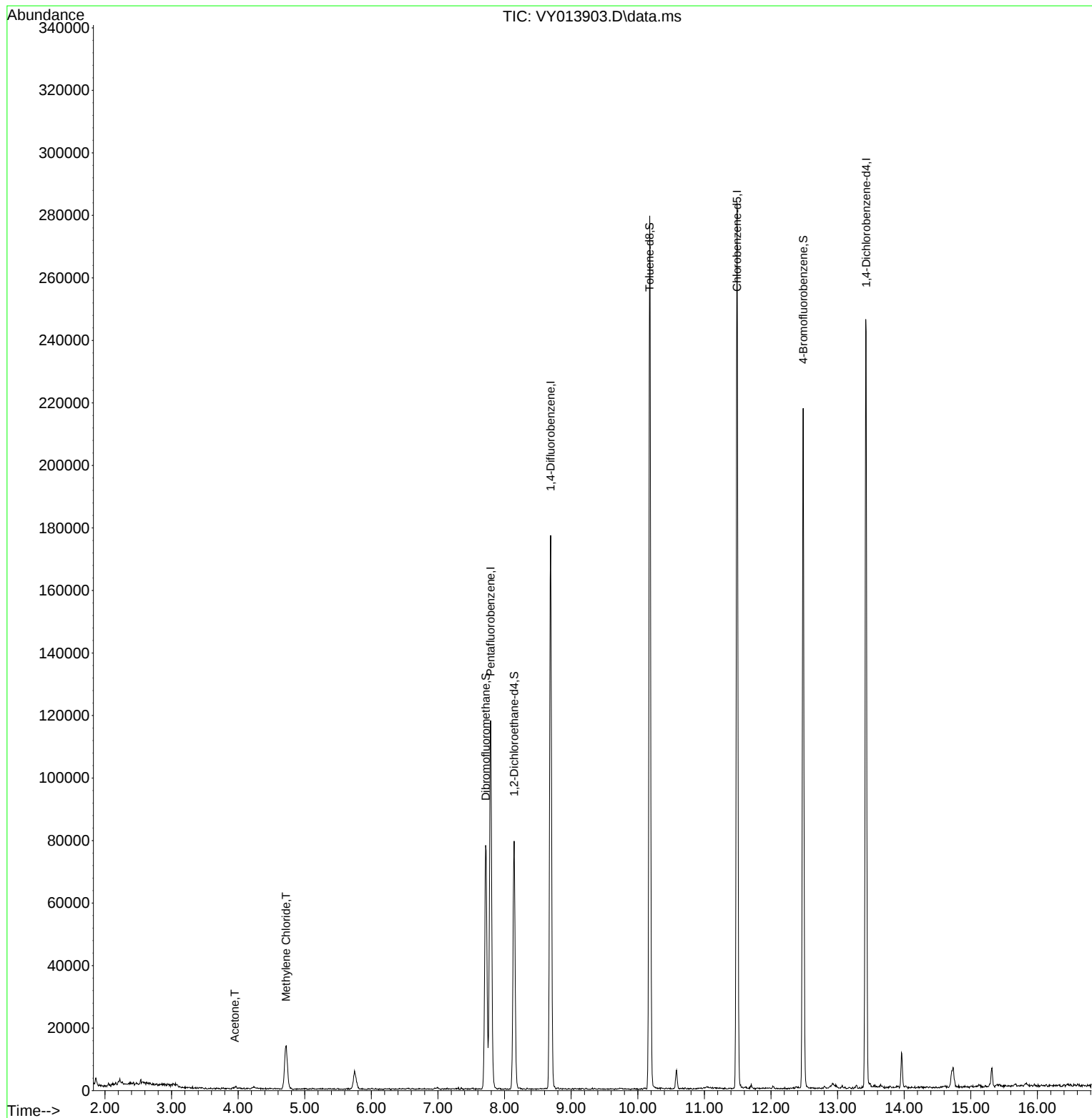
Internal Standards						
1) Pentafluorobenzene	7.789	168	90953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64213	61.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.716	113	54021	56.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.680%
50) Toluene-d8	10.179	98	181608	50.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.483	95	56142	46.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.520%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	1547	4.954	ug/l	# 74
20) Methylene Chloride	4.716	84	9970	6.810	ug/l	96

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

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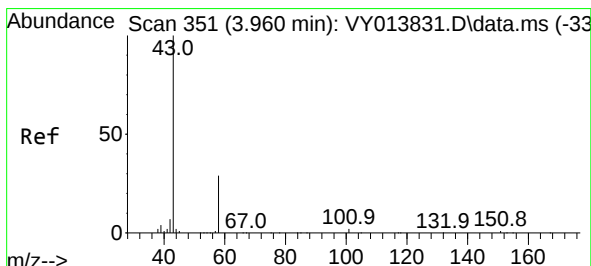
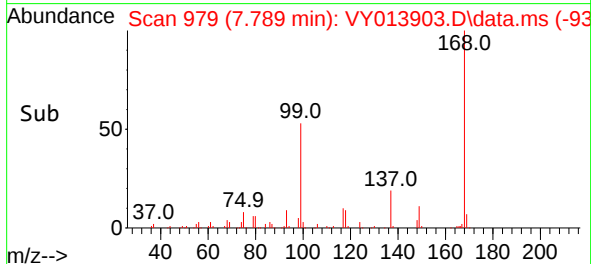
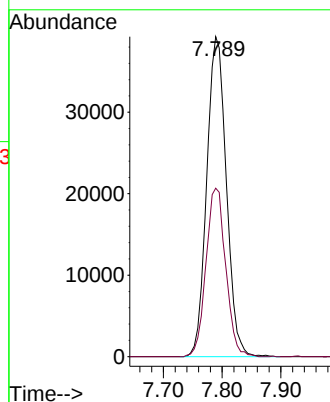
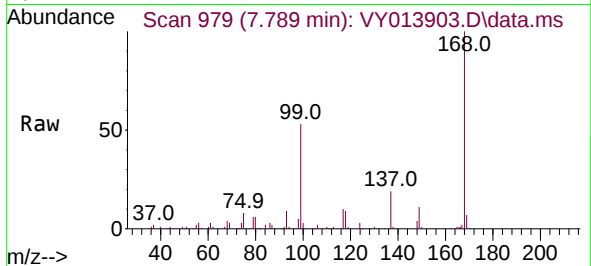




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

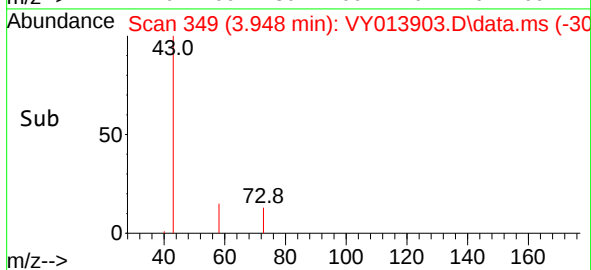
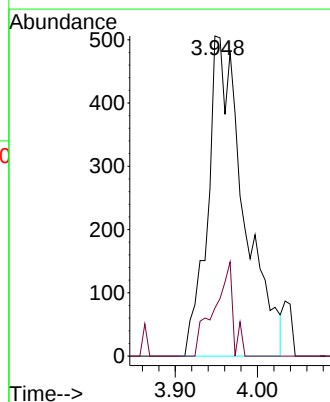
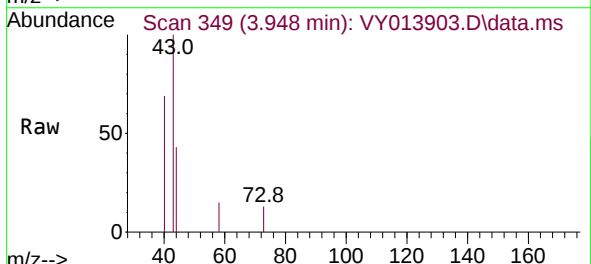
Instrument :
MSVOA_Y
ClientSampleId :
SB25

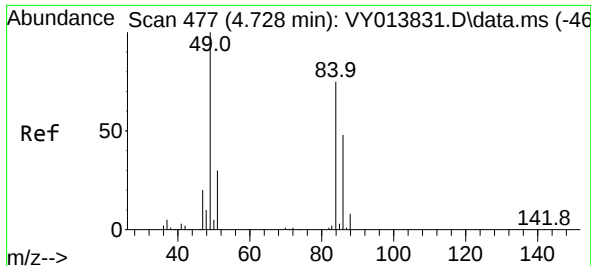
Tgt Ion:168 Resp: 90953
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.2



#16
Acetone
Concen: 4.954 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 15.0 23.3 34.9#

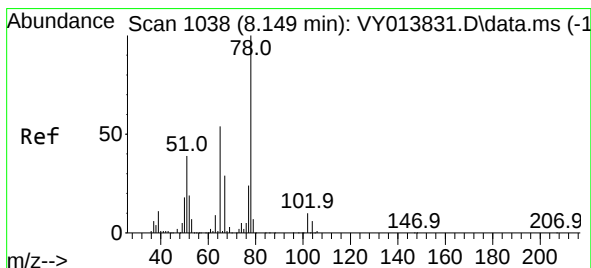
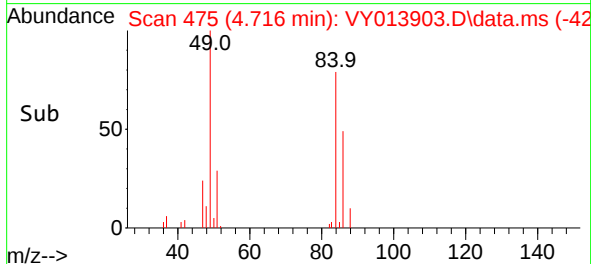
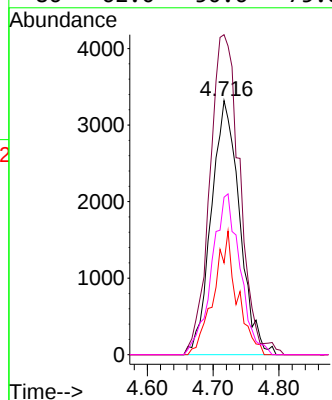
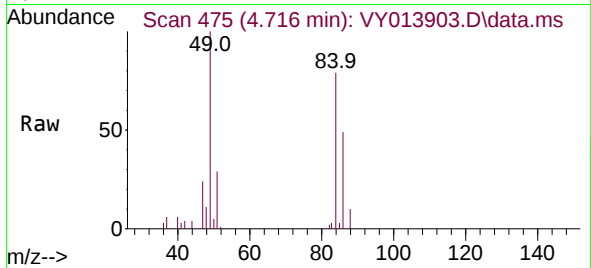




#20
Methylene Chloride
Concen: 6.810 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

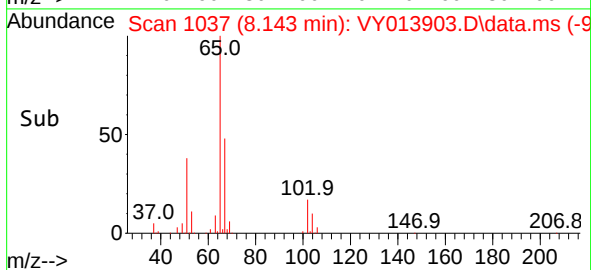
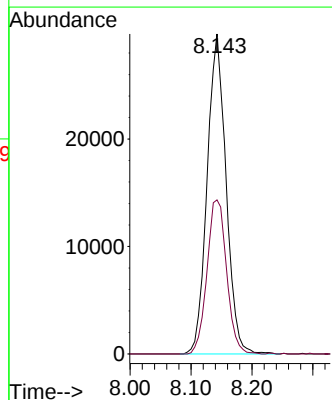
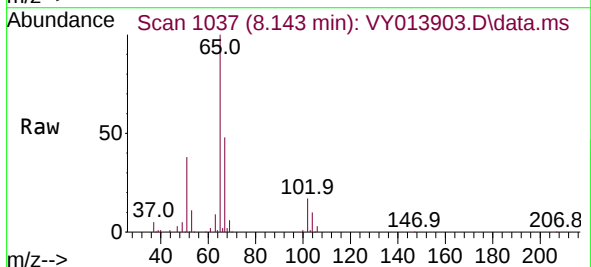
Instrument :
MSVOA_Y
ClientSampleId :
SB25

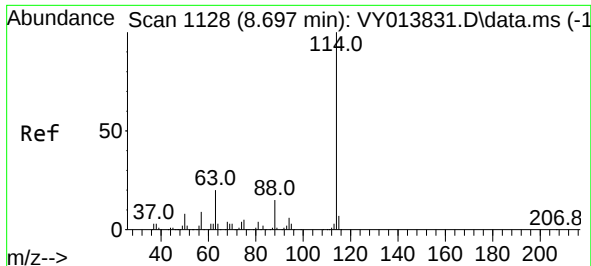
Tgt Ion:	84	Resp:	9970
Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.2	159.2
51	36.2	31.4	47.0
86	62.0	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 61.025 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion:	65	Resp:	64213
Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VY013903.D

Acq: 26 May 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

SB25

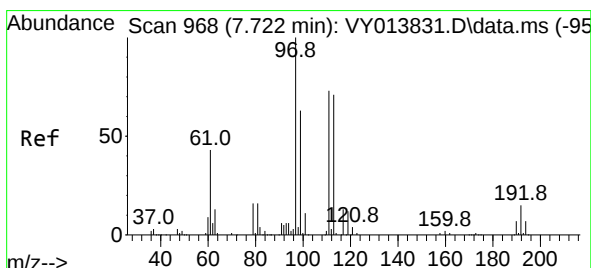
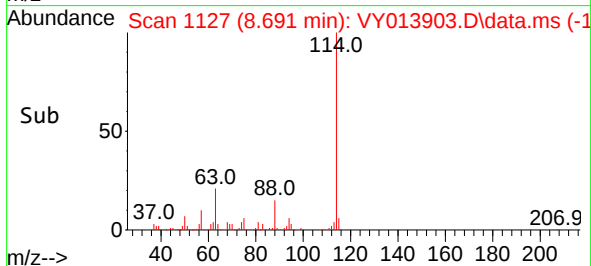
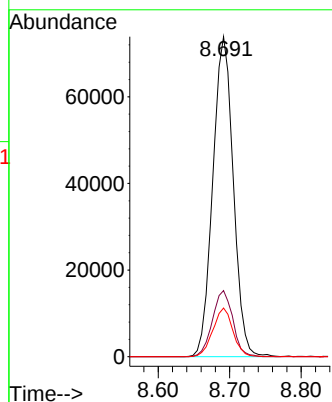
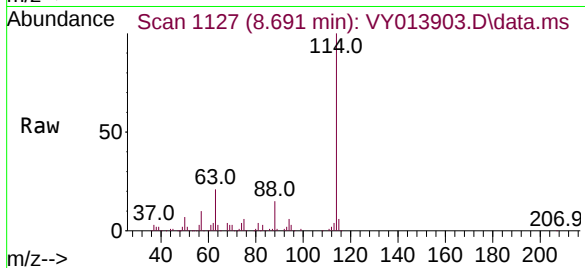
Tgt Ion:114 Resp: 147168

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.839 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013903.D

Acq: 26 May 2023 19:07

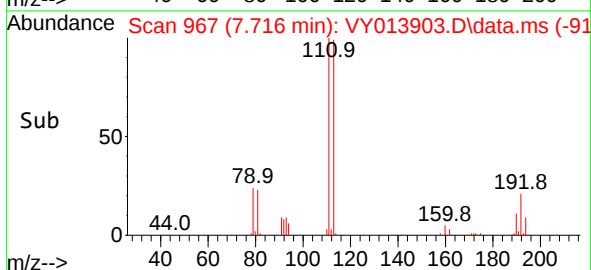
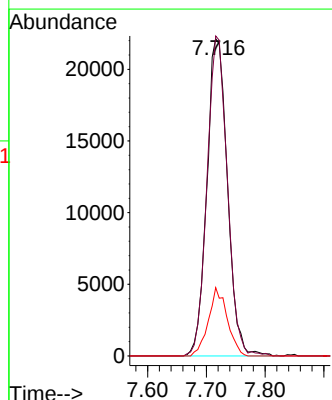
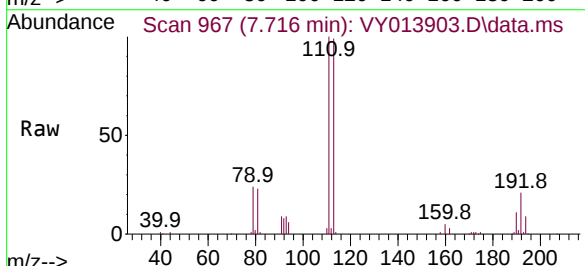
Tgt Ion:113 Resp: 54021

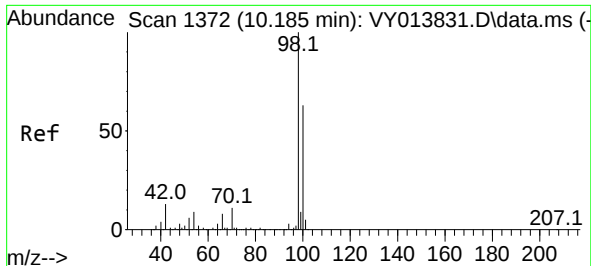
Ion Ratio Lower Upper

113 100

111 99.2 80.4 120.6

192 19.7 16.6 25.0

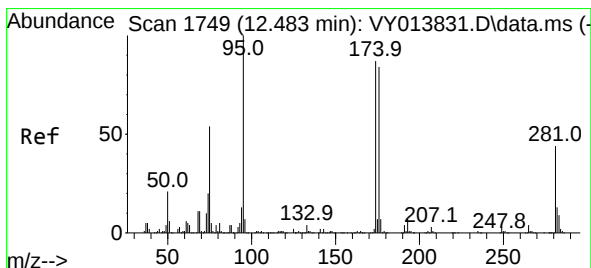
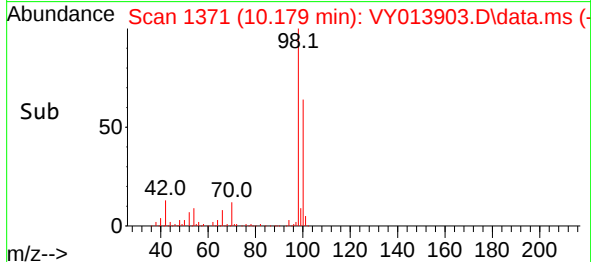
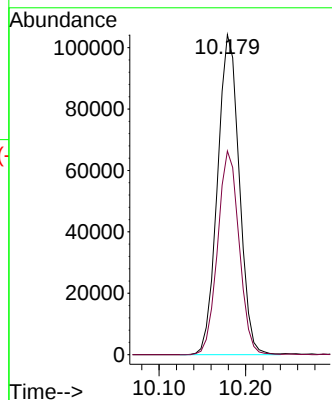
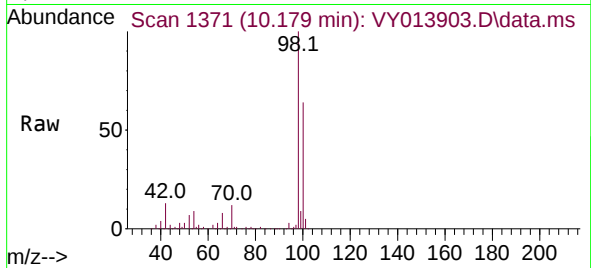




#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

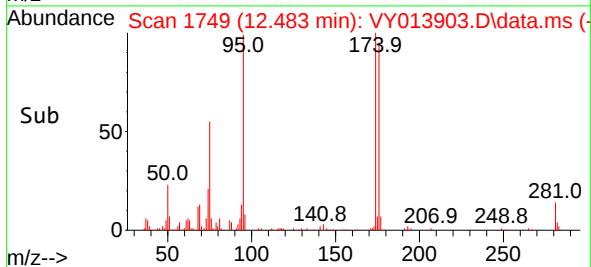
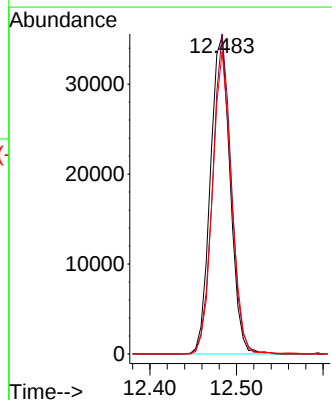
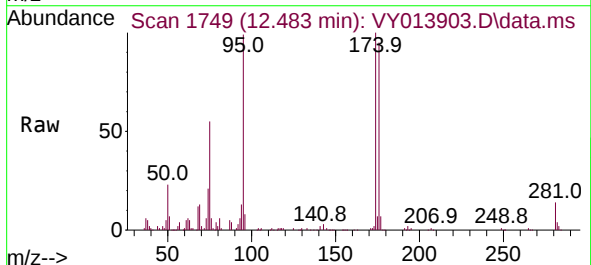
Instrument :
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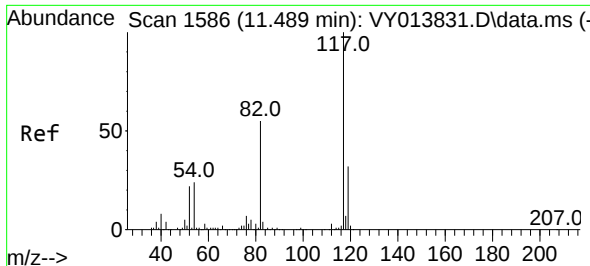
Tgt Ion: 98 Resp: 181608
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 95 Resp: 56142
Ion Ratio Lower Upper
95 100
174 95.1 0.0 176.0
176 90.9 0.0 170.2

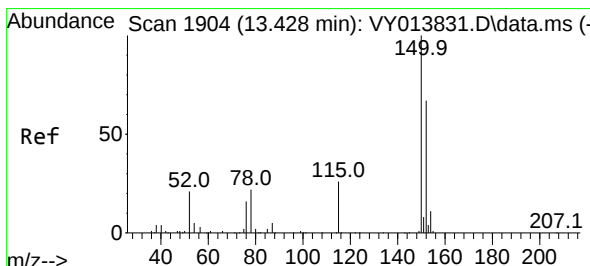
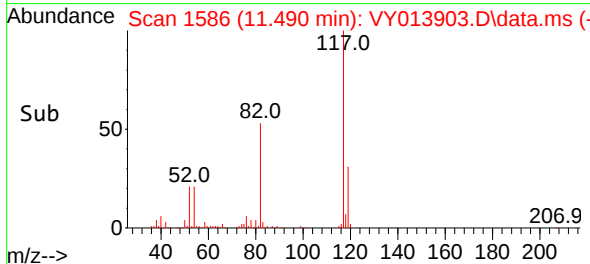
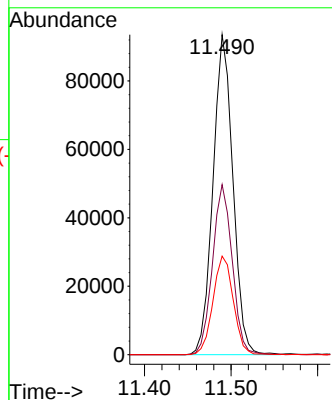
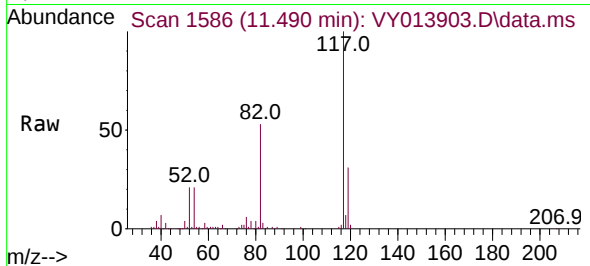




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
SB25

Tgt Ion:117 Resp: 149365
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.4
119 30.8 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: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion:152 Resp: 65325
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 158.5 0.0 353.4

