

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013693.D
 Acq On : 10 May 2023 17:17
 Operator : KP/MD
 Sample : 02719-01
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509

Quant Time: May 11 03:30:40 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)

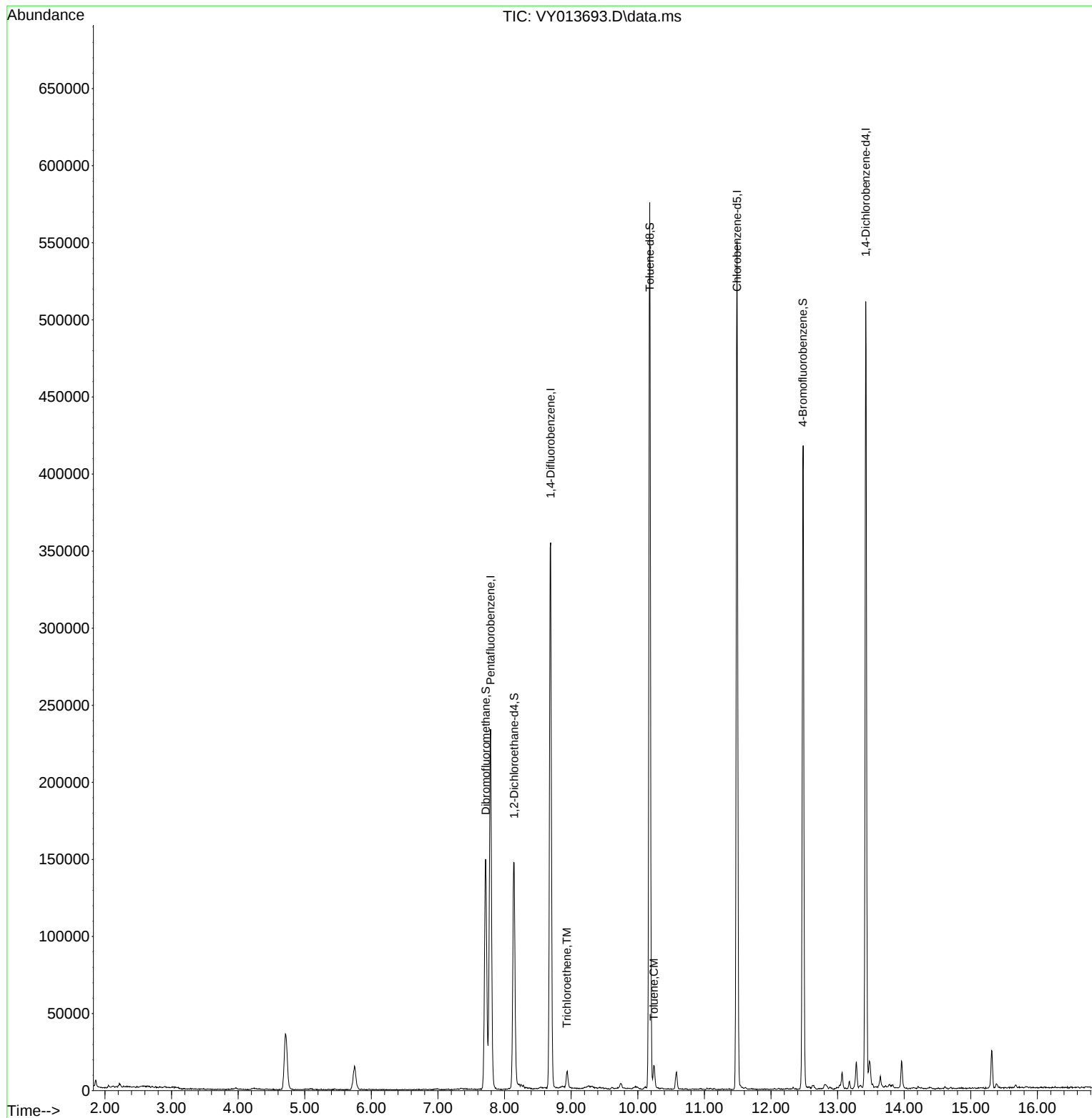
Internal Standards						
1) Pentafluorobenzene	7.789	168	178989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	289252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	122157	62.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.520%
35) Dibromofluoromethane	7.716	113	103036	54.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.540%
50) Toluene-d8	10.179	98	374968	56.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.060%
62) 4-Bromofluorobenzene	12.477	95	114994	50.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.940%
Target Compounds						Qvalue
44) Trichloroethene	8.935	130	3400	1.453	ug/l	97
52) Toluene	10.240	92	5821	1.100	ug/l	99

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

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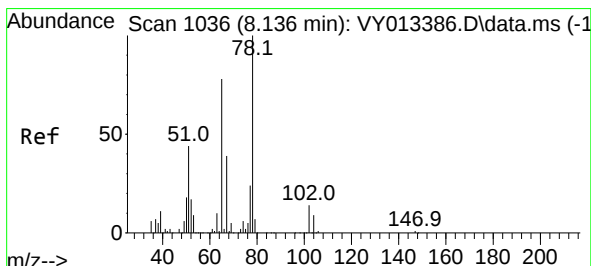
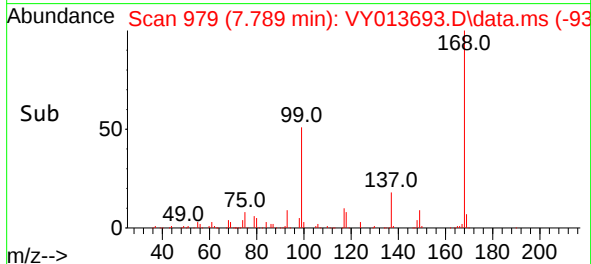
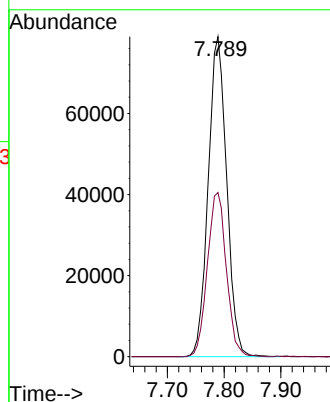
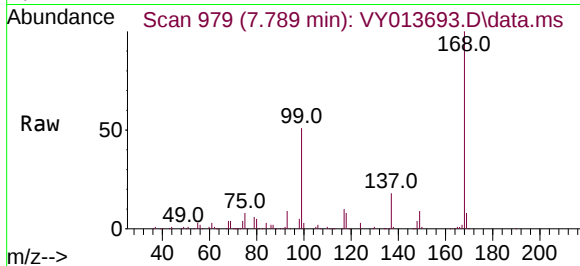




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

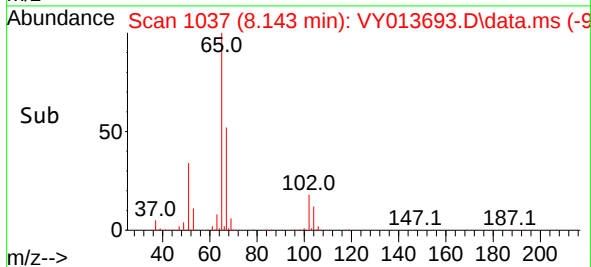
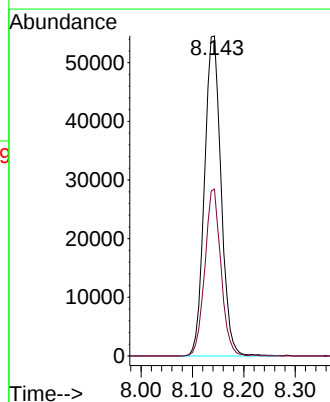
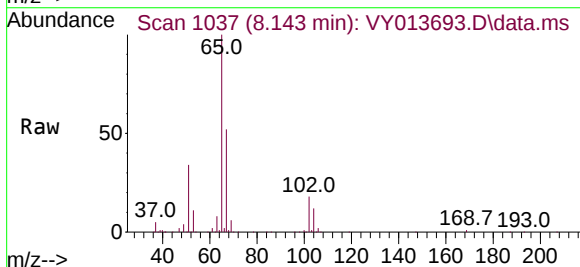
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509

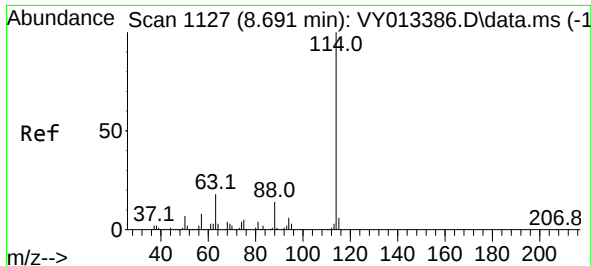
Tgt Ion:168 Resp: 178989
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 62.258 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 65 Resp: 122157
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

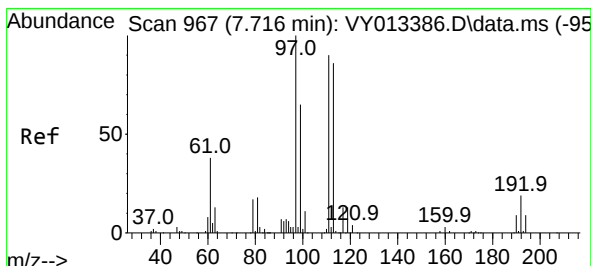
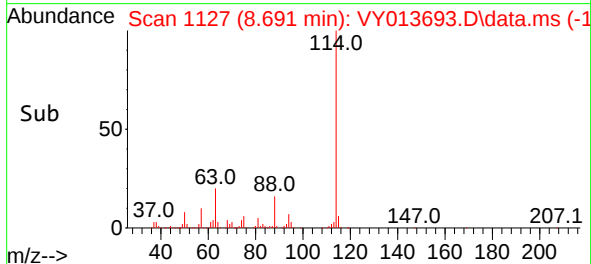
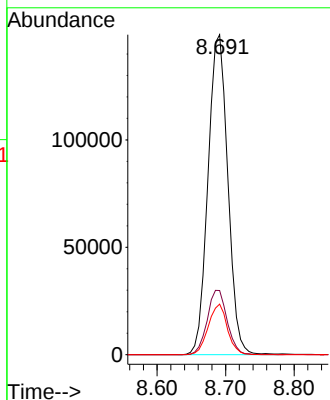
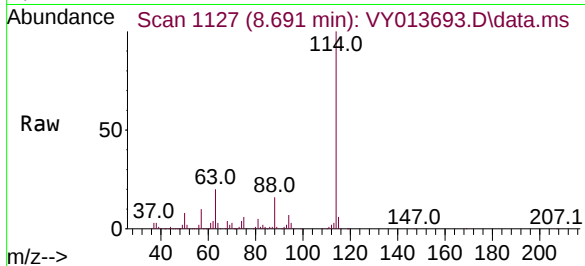




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

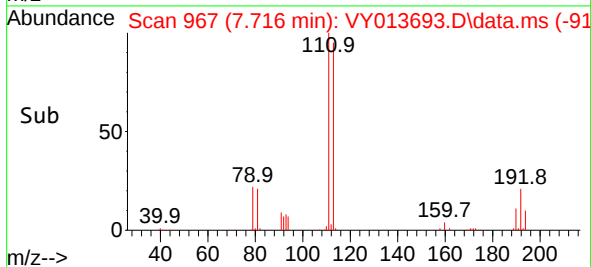
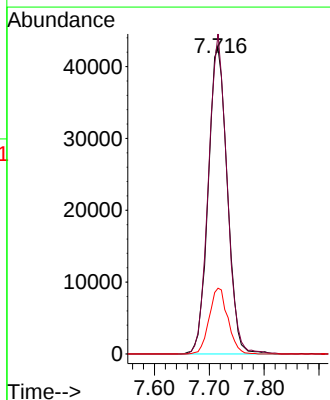
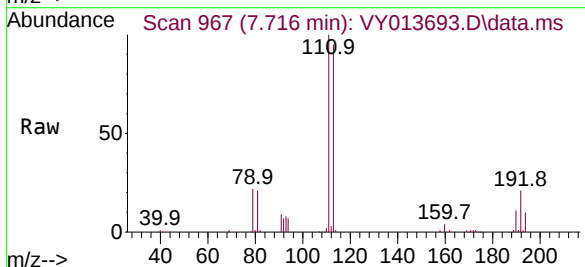
Instrument :
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ClientSampleId :
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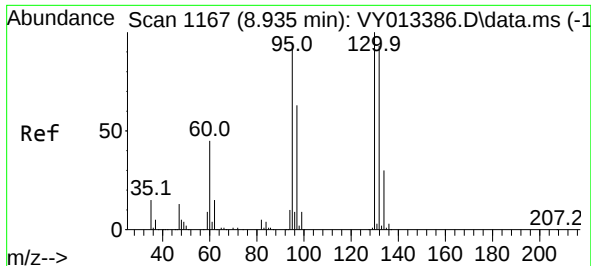
Tgt Ion:	114	Resp:	299096
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	36.6
88	15.8	0.0	28.8



#35
Dibromofluoromethane
Concen: 54.772 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion:	113	Resp:	103036
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.2	123.2
192	20.9	16.7	25.1

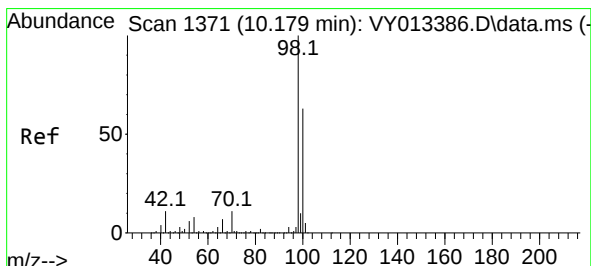
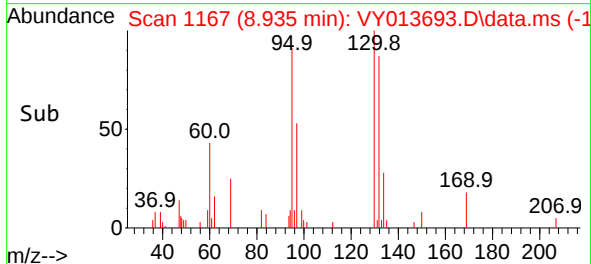
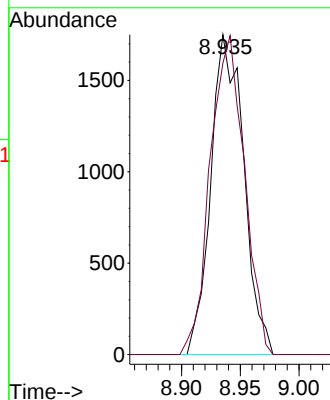
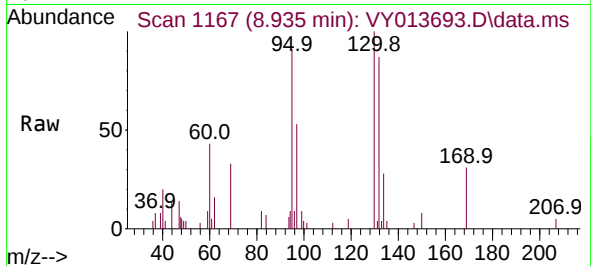




#44
 Trichloroethene
 Concen: 1.453 ug/l
 RT: 8.935 min Scan# 1167
 Delta R.T. 0.000 min
 Lab File: VY013693.D
 Acq: 10 May 2023 17:17

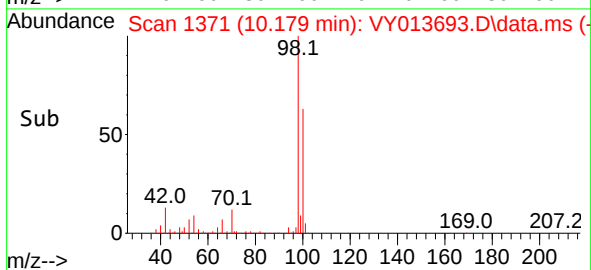
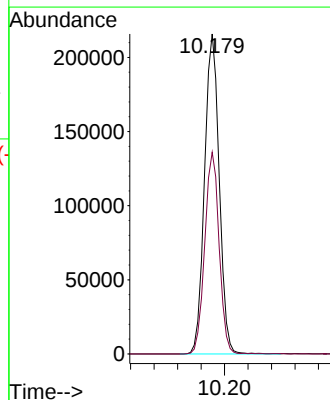
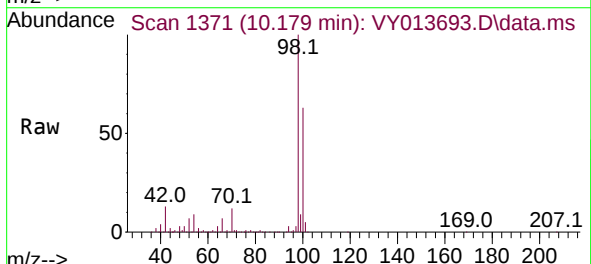
Instrument :
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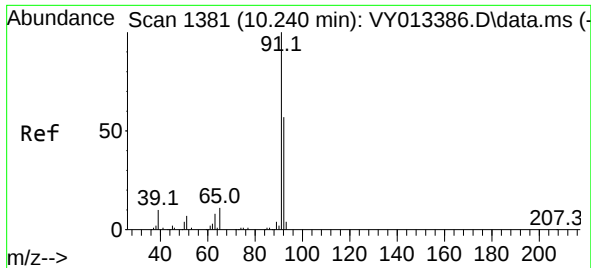
Tgt Ion:130 Resp: 3400
 Ion Ratio Lower Upper
 130 100
 95 91.1 0.0 188.8



#50
 Toluene-d8
 Concen: 56.031 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013693.D
 Acq: 10 May 2023 17:17

Tgt Ion: 98 Resp: 374968
 Ion Ratio Lower Upper
 98 100
 100 61.7 50.5 75.7

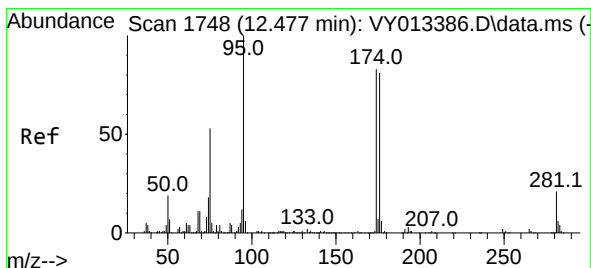
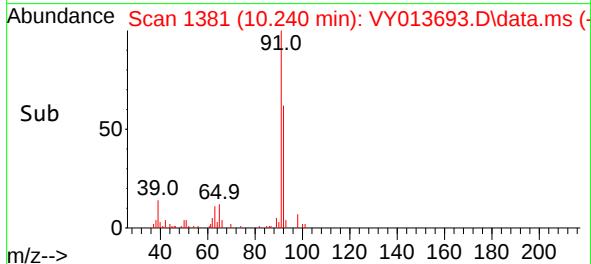
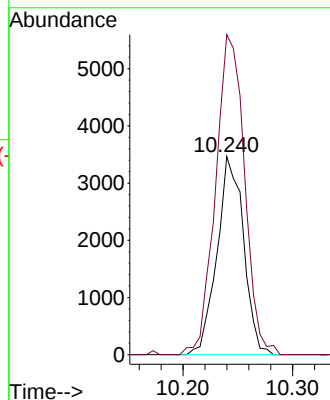
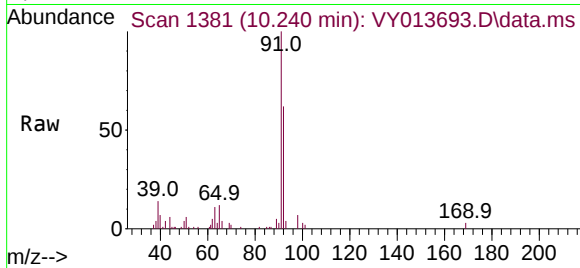




#52
Toluene
Concen: 1.100 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

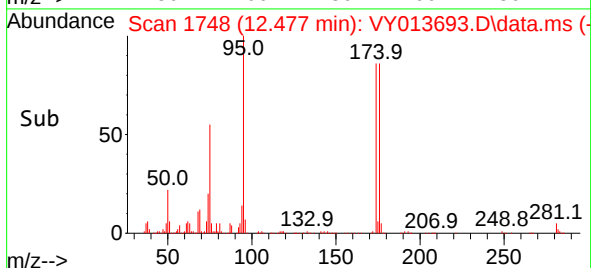
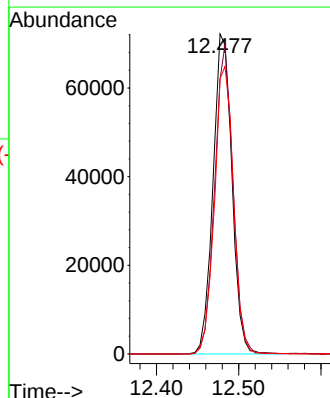
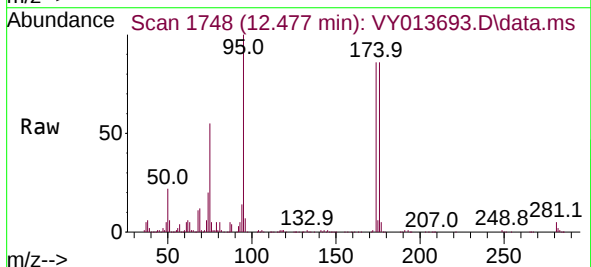
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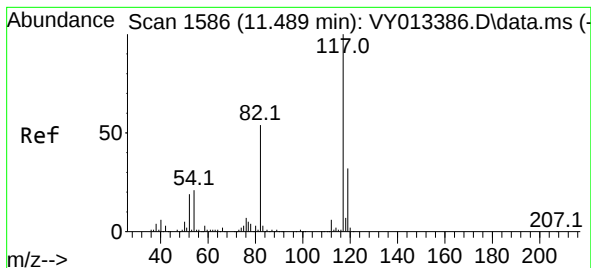
Tgt Ion: 92 Resp: 5821
Ion Ratio Lower Upper
92 100
91 176.5 140.2 210.4



#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013693.D
Acq: 10 May 2023 17:17

Tgt Ion: 95 Resp: 114994
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.0
176 90.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013693.D

Acq: 10 May 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

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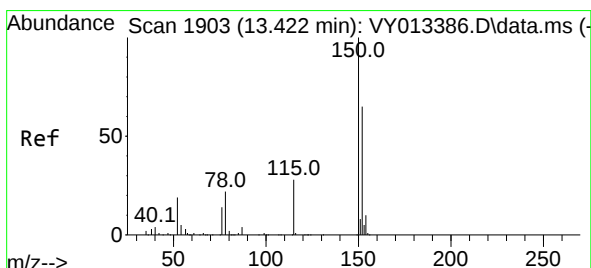
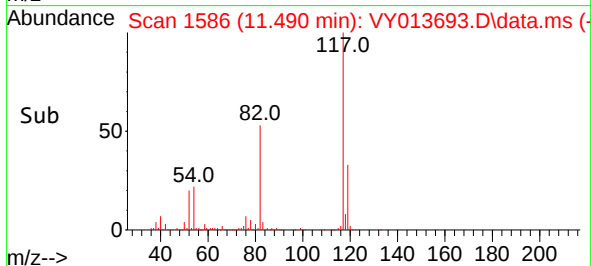
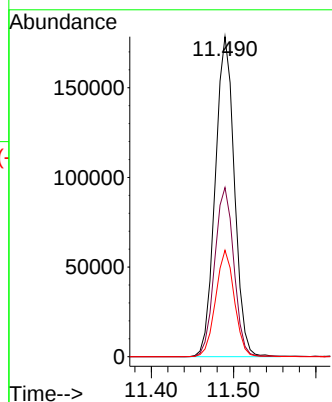
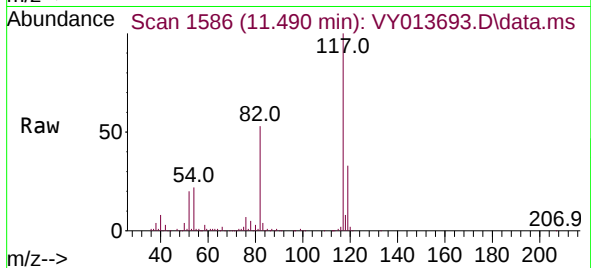
Tgt Ion:117 Resp: 289252

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.6

119 33.3 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: VY013693.D

Acq: 10 May 2023 17:17

Tgt Ion:152 Resp: 131090

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 155.2 0.0 352.0

