

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015422.D
 Acq On : 01 Sep 2023 17:52
 Operator : SY/MD
 Sample : 04265-01
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-083123

Quant Time: Sep 01 23:44:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

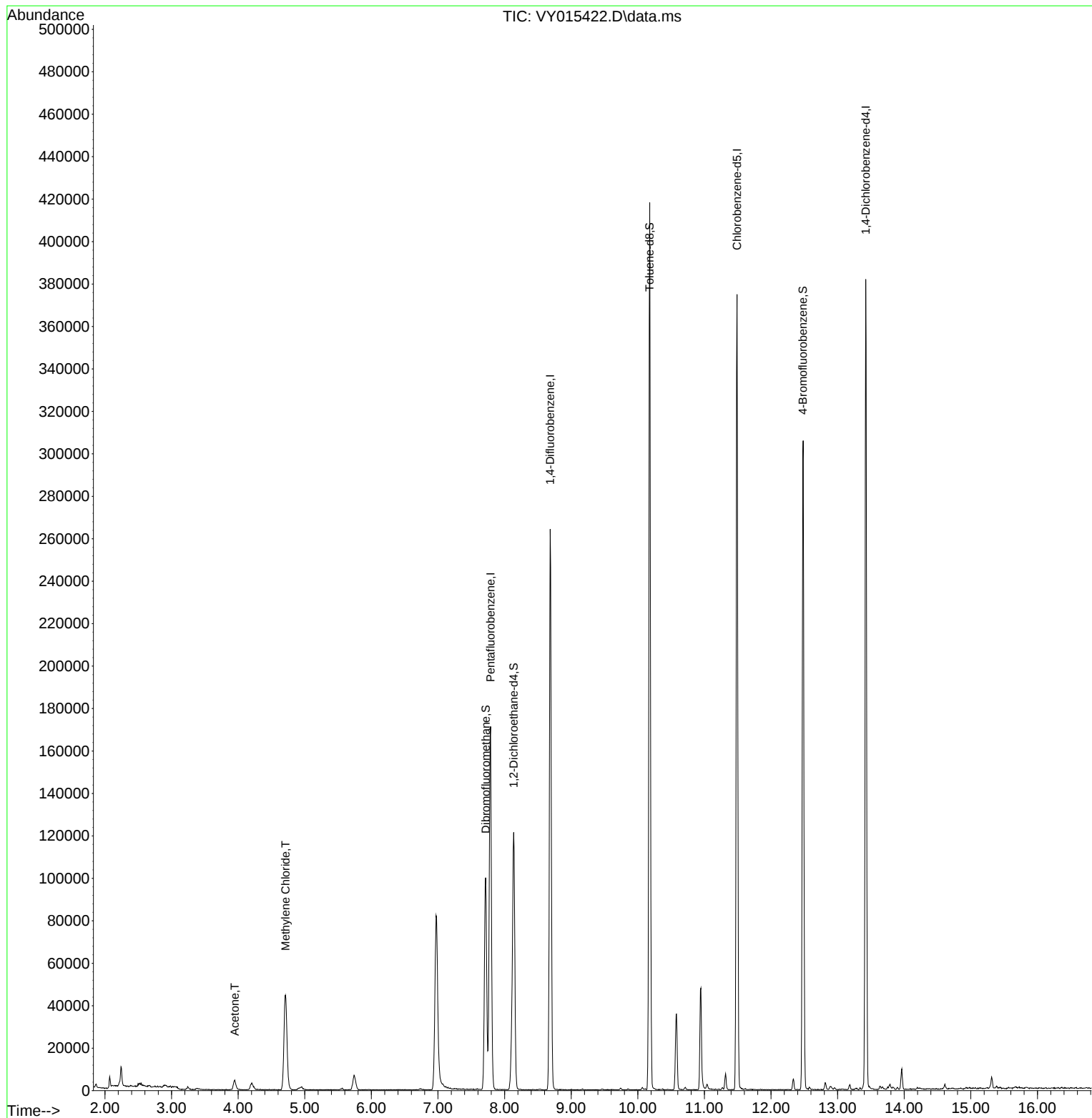
Internal Standards						
1) Pentafluorobenzene	7.789	168	132446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87552	61.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.716	113	70989	55.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.640%	
50) Toluene-d8	10.179	98	257901	55.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.477	95	85987	49.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.680%	
Target Compounds						Qvalue
16) Acetone	3.948	43	7975	13.457	ug/l #	89
20) Methylene Chloride	4.710	84	34844	13.472	ug/l	86

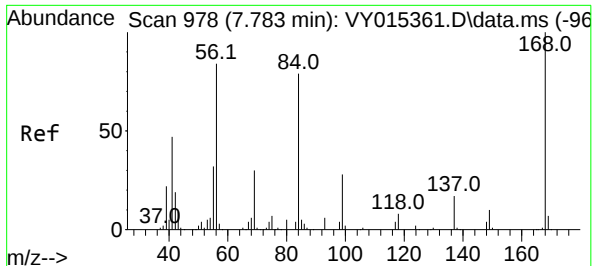
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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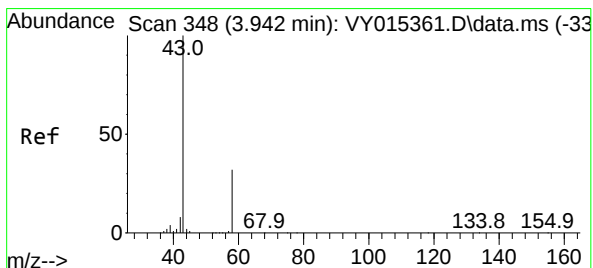
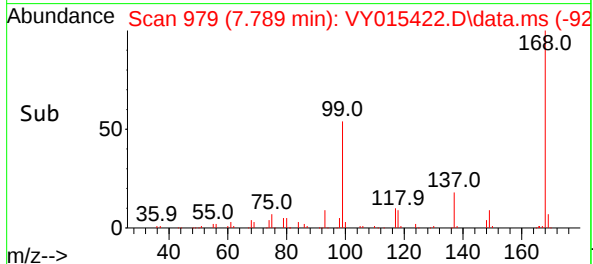
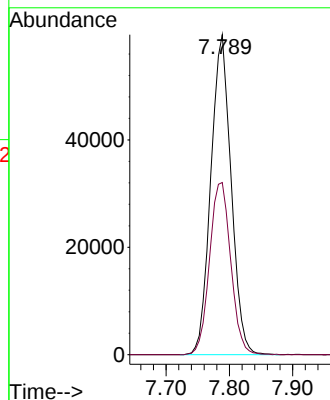
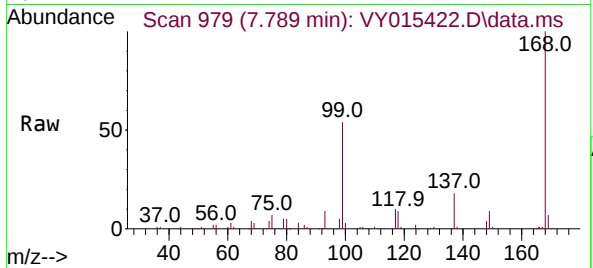




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

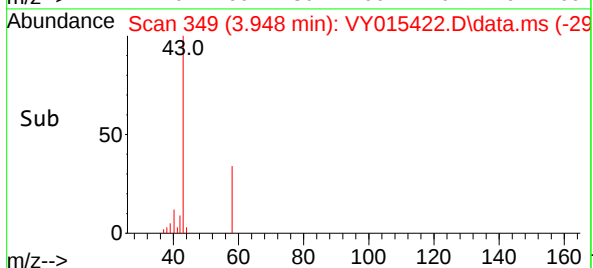
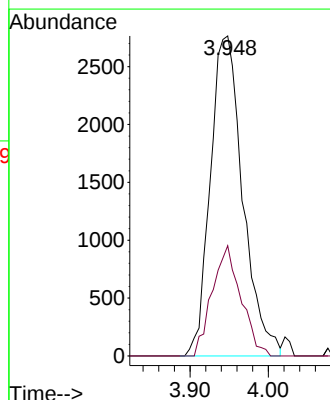
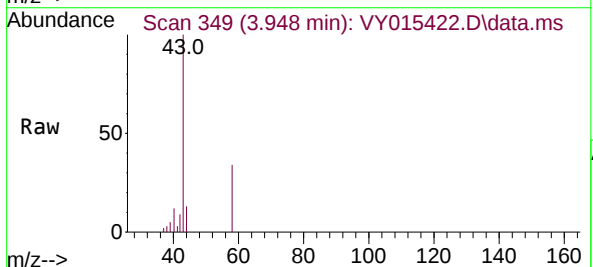
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

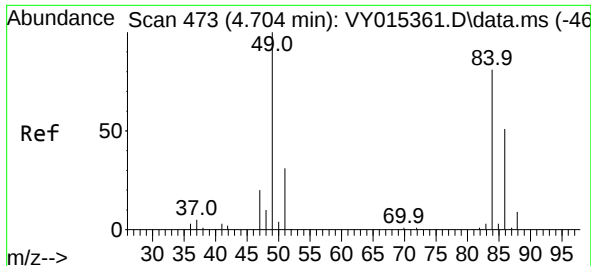
Tgt Ion:168 Resp: 132446
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 13.457 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 43 Resp: 7975
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#

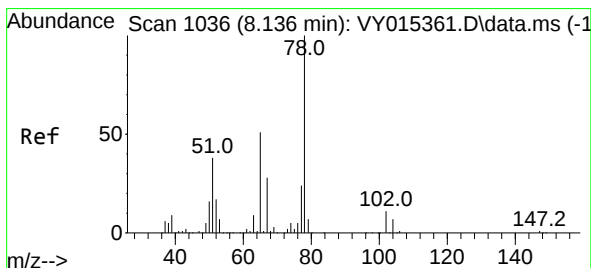
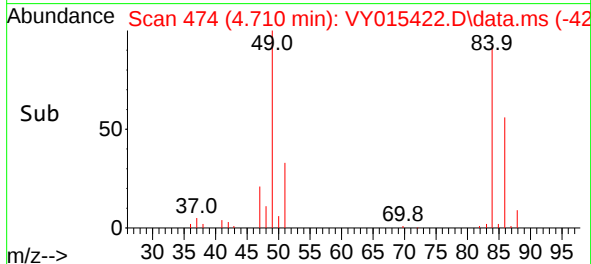
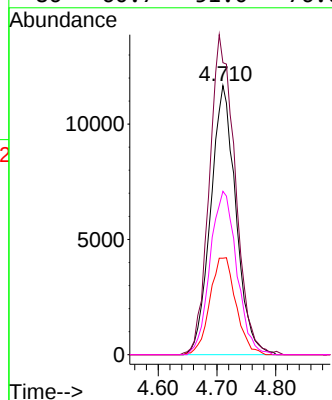
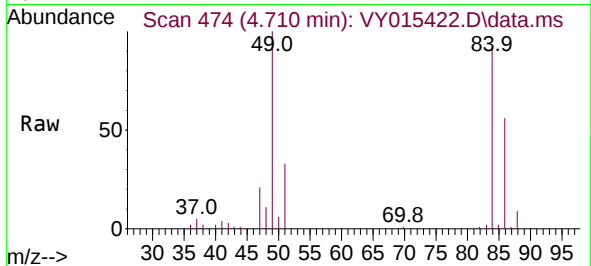




#20
Methylene Chloride
Concen: 13.472 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

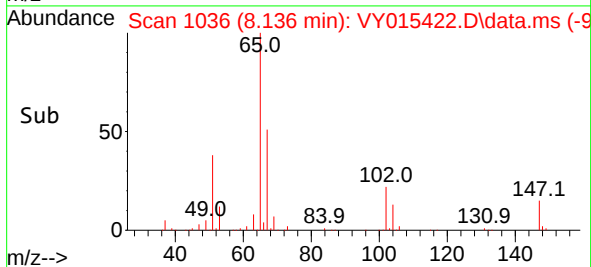
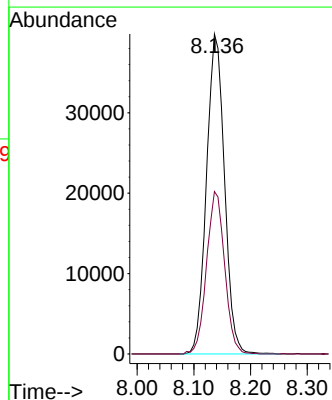
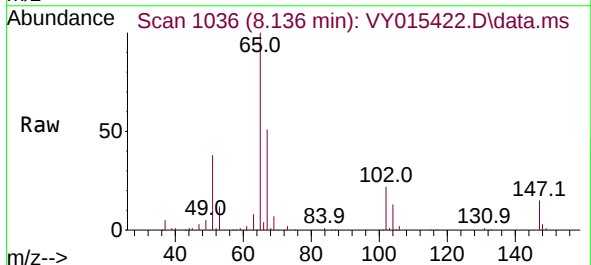
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

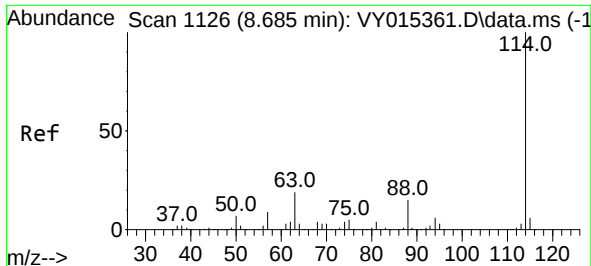
Tgt Ion:	84	Resp:	34844
Ion	Ratio	Lower	Upper
84	100		
49	108.5	106.9	160.3
51	35.8	33.2	49.8
86	60.7	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 61.665 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion:	65	Resp:	87552
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.8

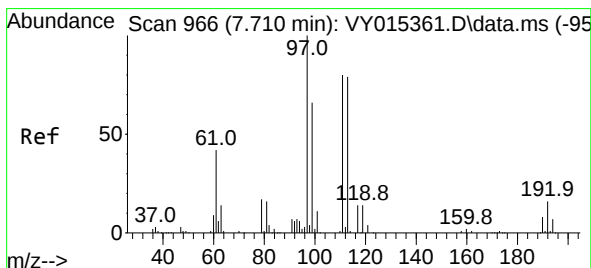
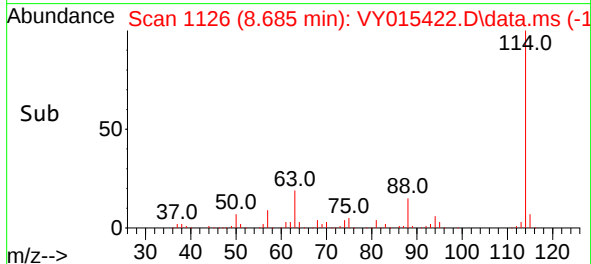
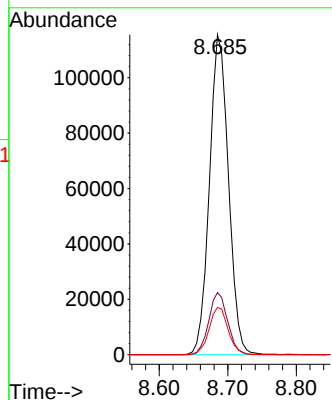
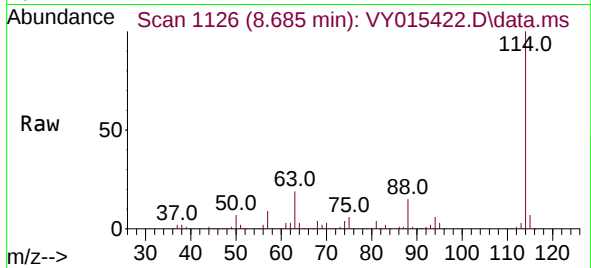




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

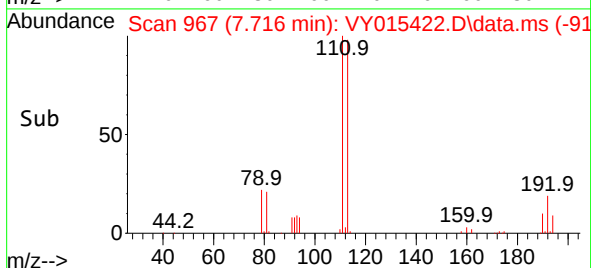
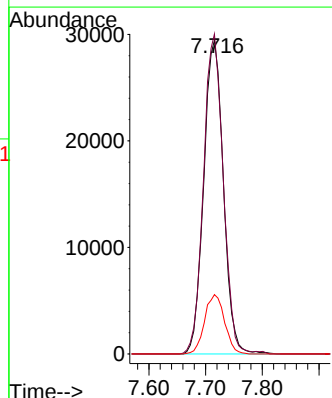
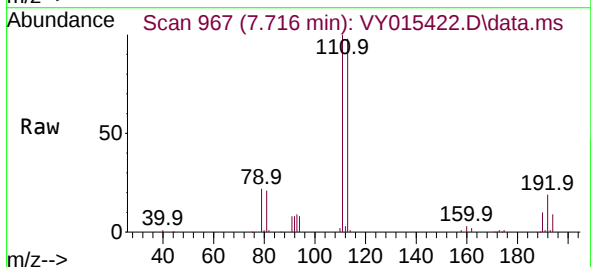
Instrument :
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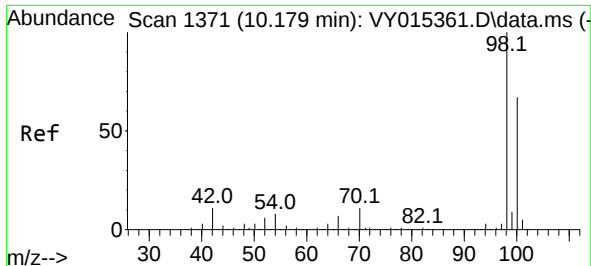
Tgt Ion:114 Resp: 222807
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.317 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion:113 Resp: 70989
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.2 16.9 25.3

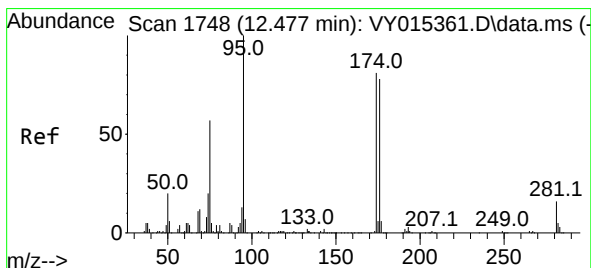
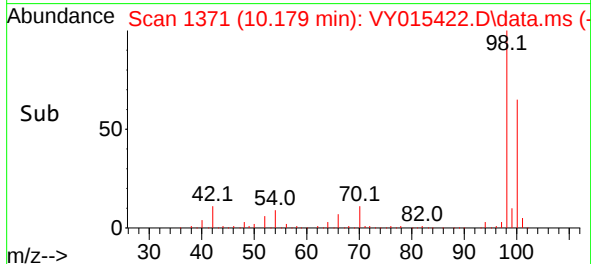
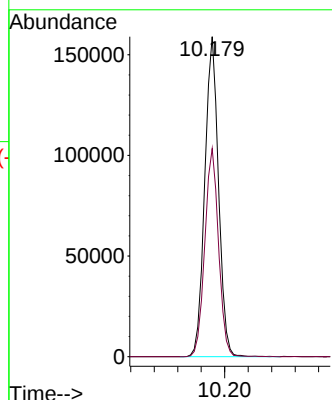
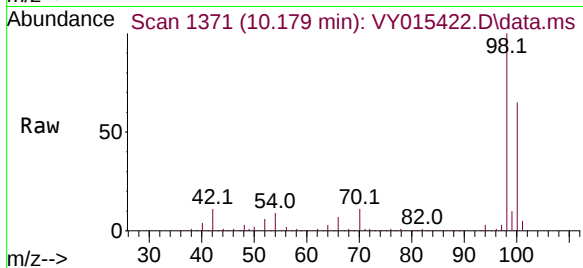




#50
Toluene-d8
Concen: 55.494 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

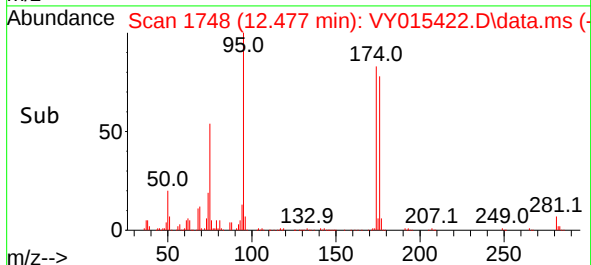
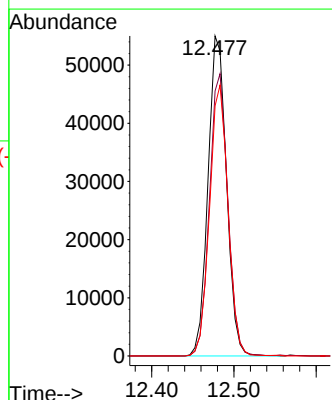
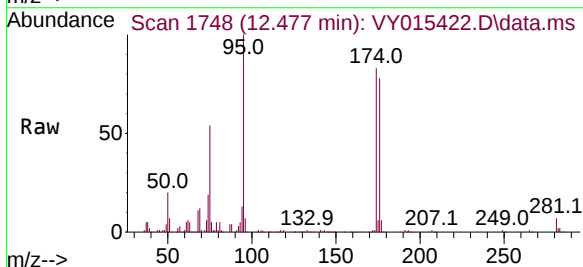
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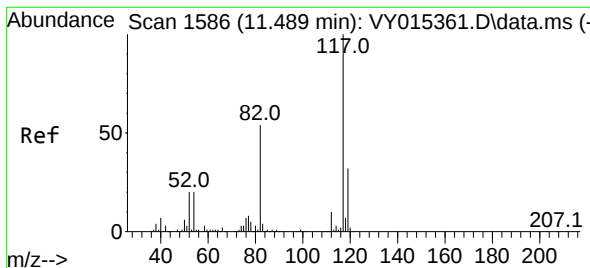
Tgt Ion: 98 Resp: 257901
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.840 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 95 Resp: 85987
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015422.D

Acq: 01 Sep 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-083123

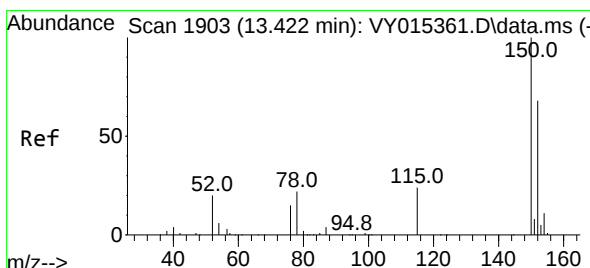
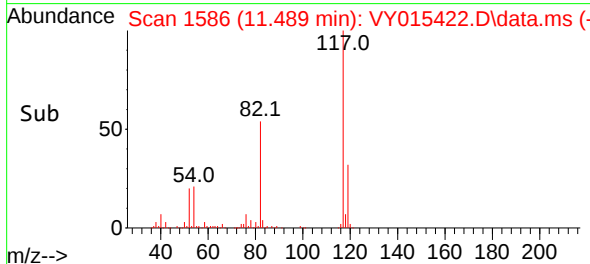
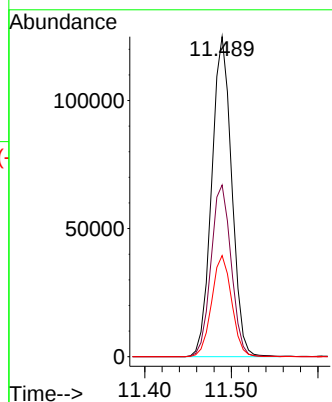
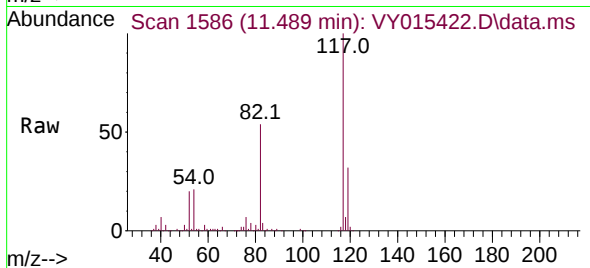
Tgt Ion:117 Resp: 200221

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015422.D

Acq: 01 Sep 2023 17:52

Tgt Ion:152 Resp: 97100

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 154.9 0.0 348.8

