

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015426.D
 Acq On : 01 Sep 2023 19:26
 Operator : SY/MD
 Sample : 04283-07
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-2

Quant Time: Sep 01 23:46:07 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)

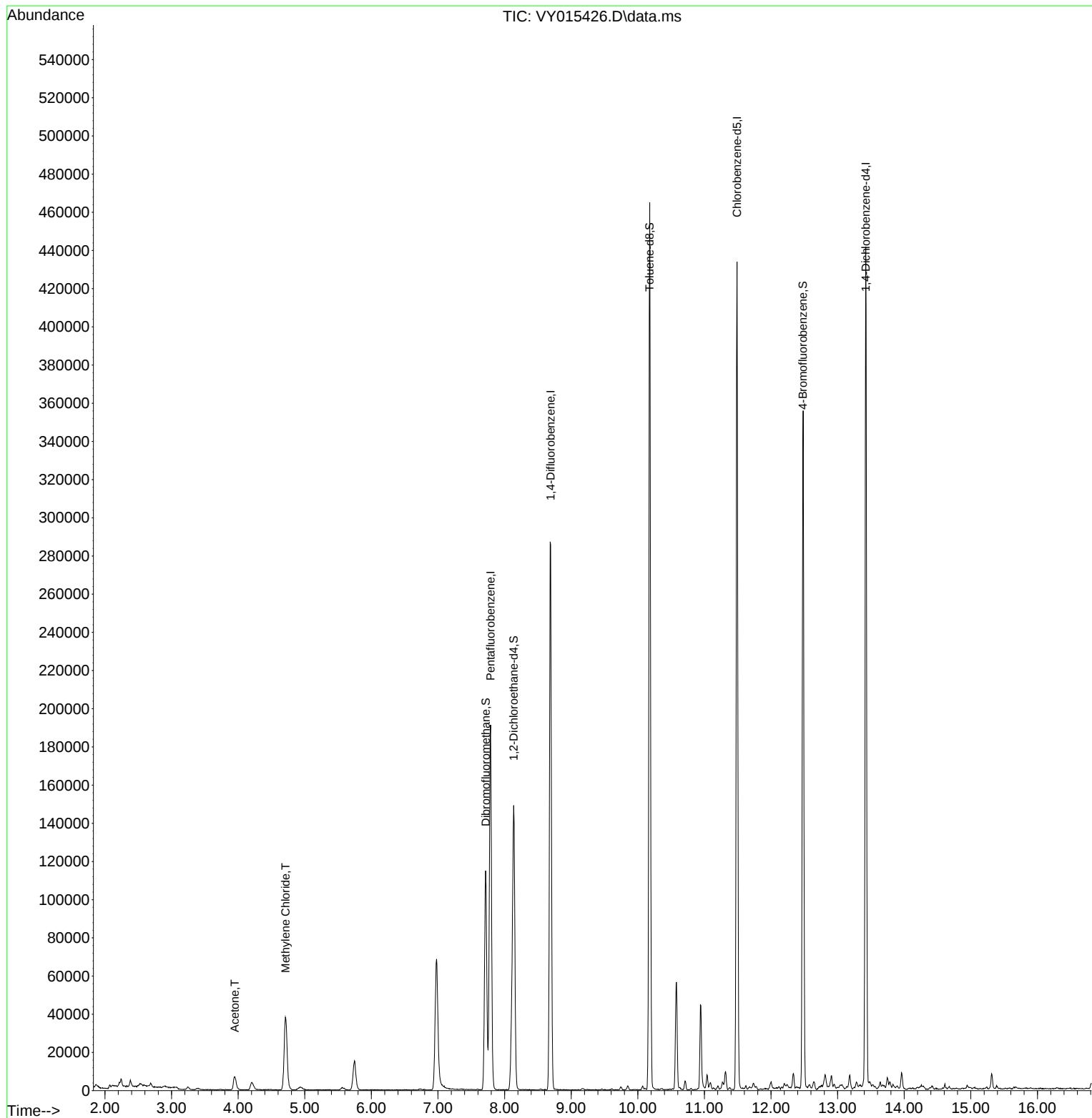
Internal Standards						
1) Pentafluorobenzene	7.789	168	148399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	231639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100218	62.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.000%	
35) Dibromofluoromethane	7.716	113	79834	55.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.179	98	294935	56.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.380%	
62) 4-Bromofluorobenzene	12.477	95	101963	52.789	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.580%	
Target Compounds						Qvalue
16) Acetone	3.948	43	13397	20.176	ug/l	99
20) Methylene Chloride	4.710	84	29726	8.647	ug/l	91

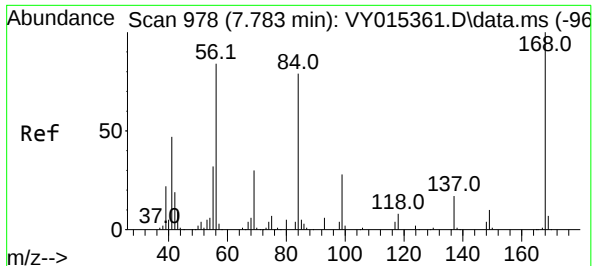
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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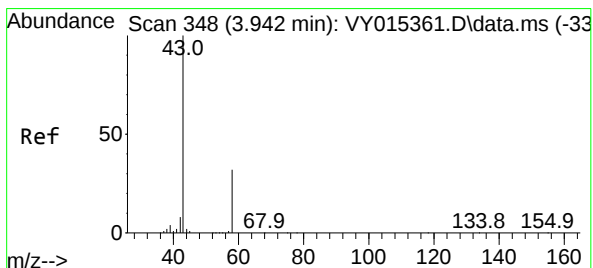
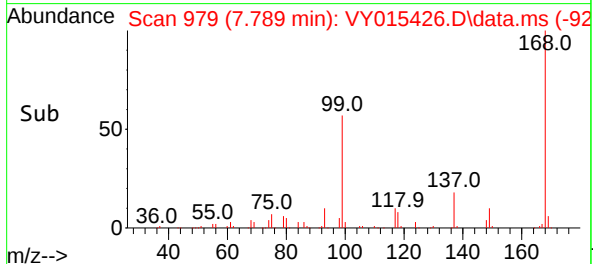
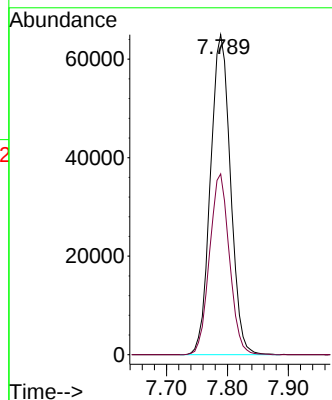
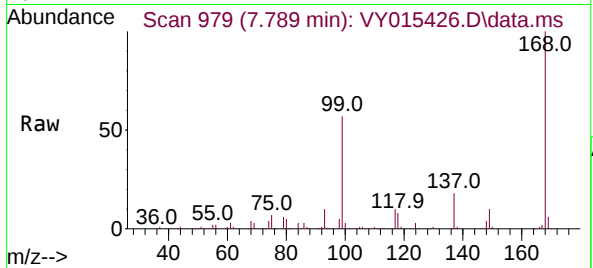




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015426.D
Acq: 01 Sep 2023 19:26

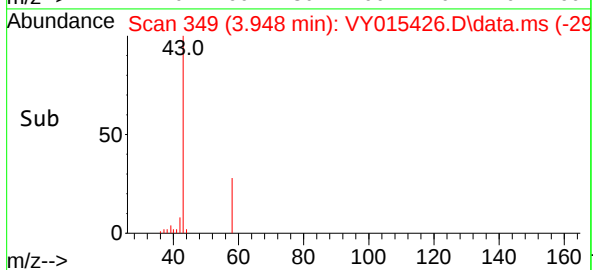
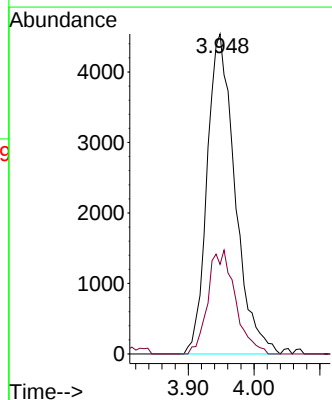
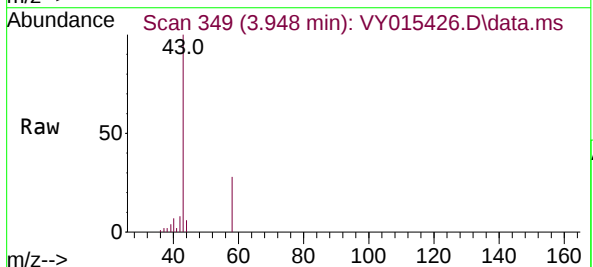
Instrument :
MSVOA_Y
ClientSampleId :
C-2

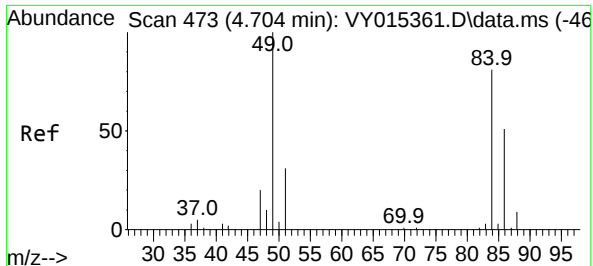
Tgt Ion:168 Resp: 148399
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#16
Acetone
Concen: 20.176 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015426.D
Acq: 01 Sep 2023 19:26

Tgt Ion: 43 Resp: 13397
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1

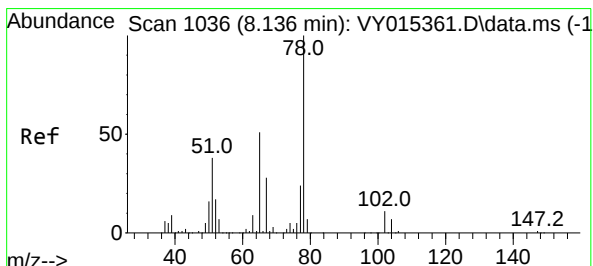
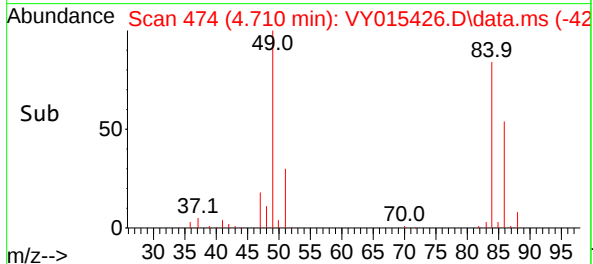
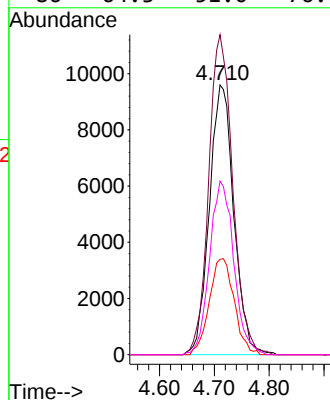
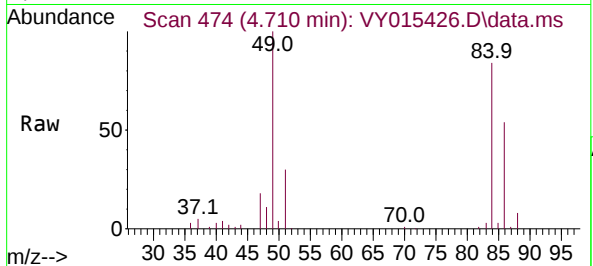




#20
Methylene Chloride
Concen: 8.647 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015426.D
Acq: 01 Sep 2023 19:26

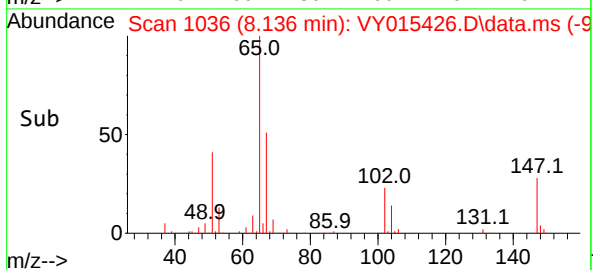
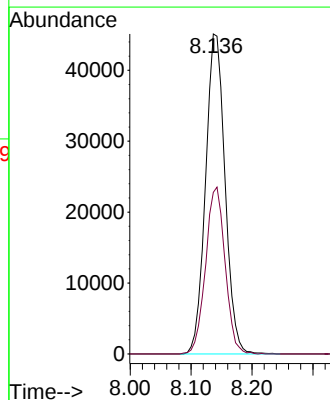
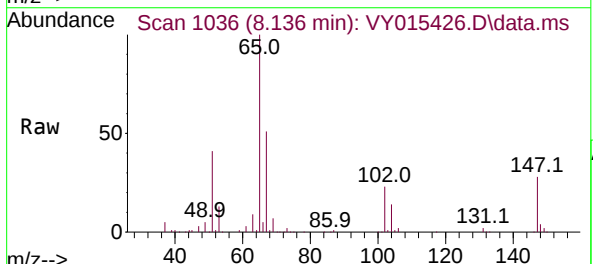
Instrument :
MSVOA_Y
ClientSampleId :
C-2

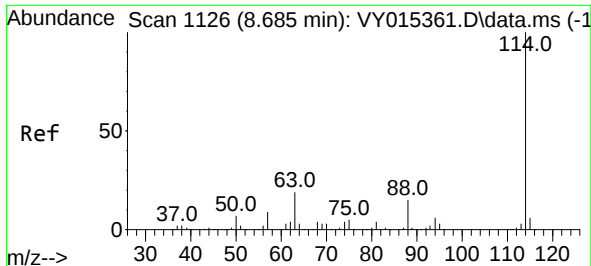
Tgt Ion: 84	Resp: 29726		
Ion	Ratio	Lower	Upper
84	100		
49	118.6	106.9	160.3
51	35.3	33.2	49.8
86	64.3	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 62.998 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015426.D
Acq: 01 Sep 2023 19:26

Tgt Ion: 65	Resp: 100218
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015426.D

Acq: 01 Sep 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

C-2

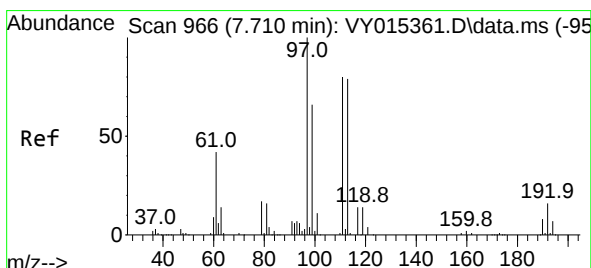
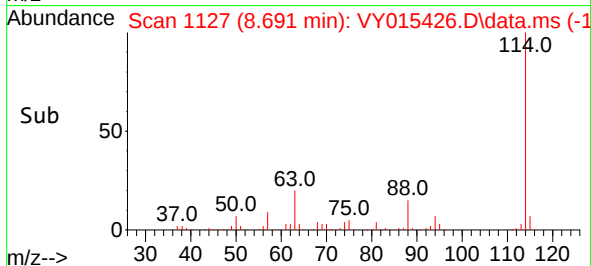
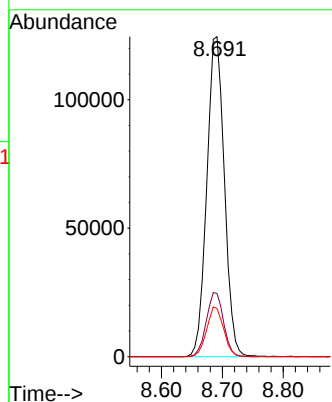
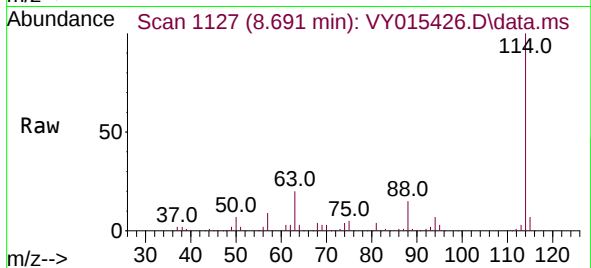
Tgt Ion:114 Resp: 249440

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.567 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015426.D

Acq: 01 Sep 2023 19:26

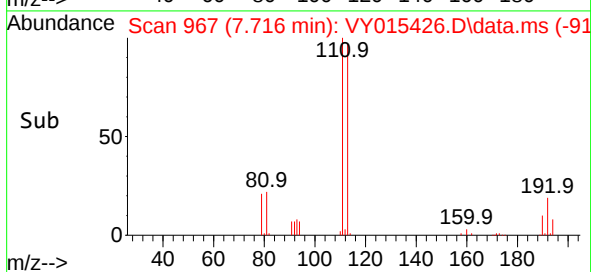
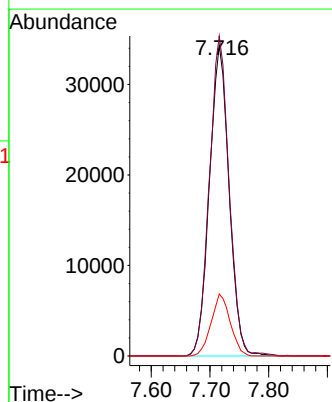
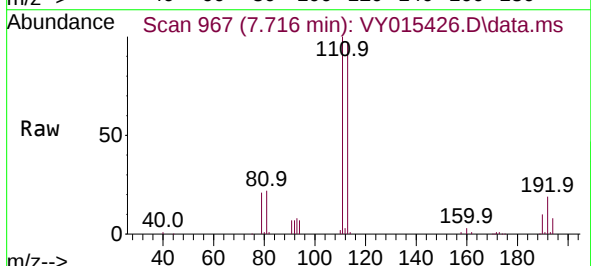
Tgt Ion:113 Resp: 79834

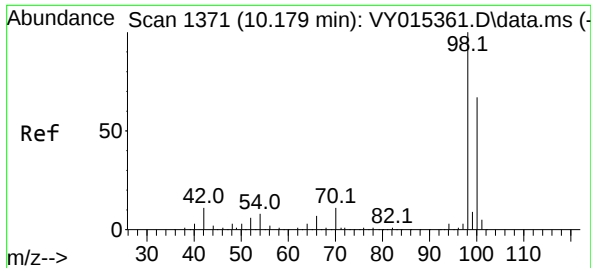
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.3 16.9 25.3

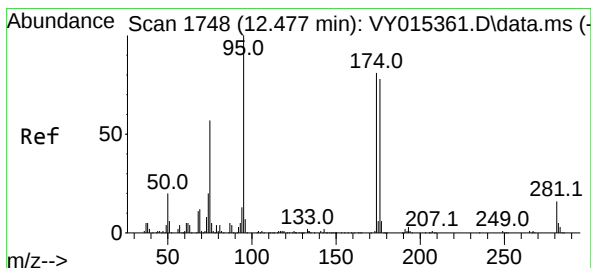
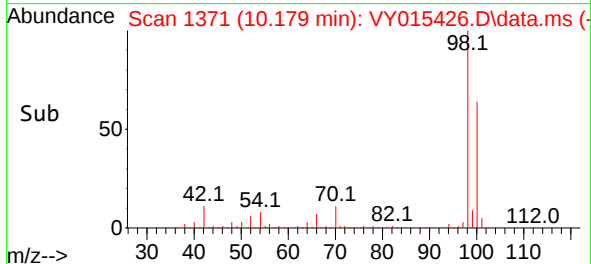
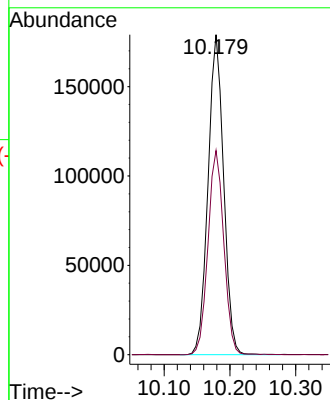
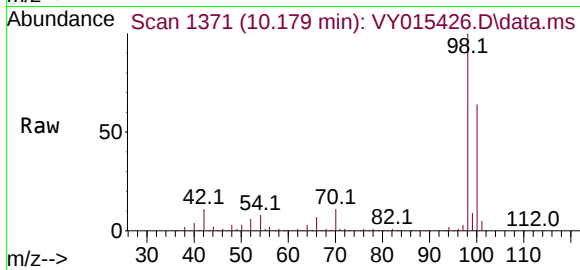




#50
Toluene-d8
Concen: 56.687 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015426.D
Acq: 01 Sep 2023 19:26

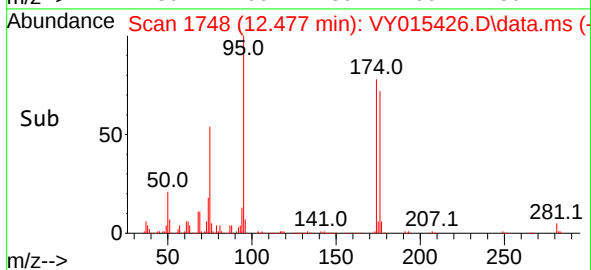
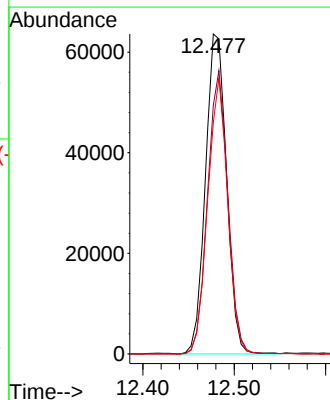
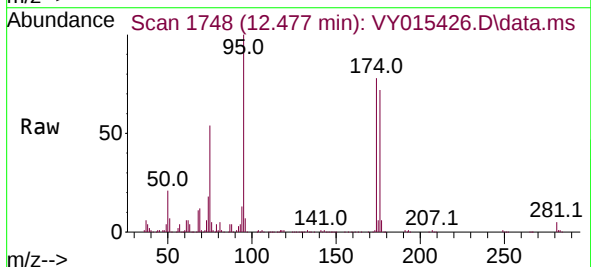
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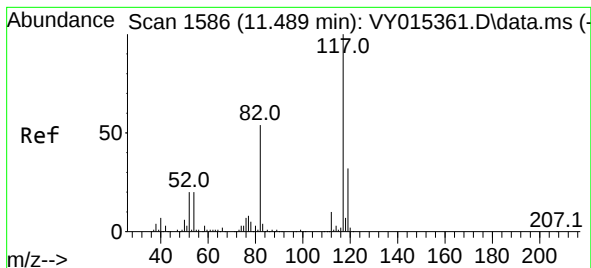
Tgt Ion: 98 Resp: 294935
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.789 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015426.D
Acq: 01 Sep 2023 19:26

Tgt Ion: 95 Resp: 101963
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015426.D

Acq: 01 Sep 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

C-2

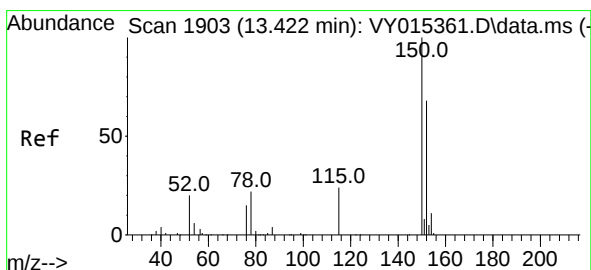
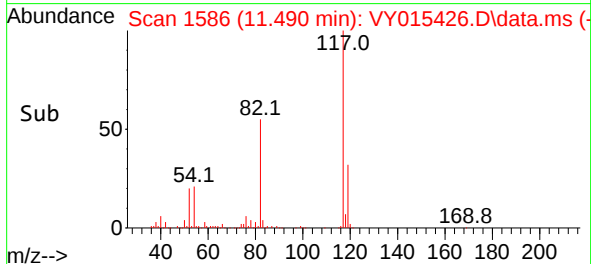
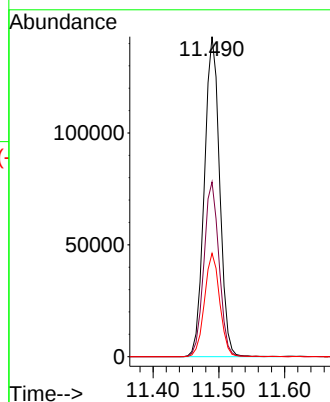
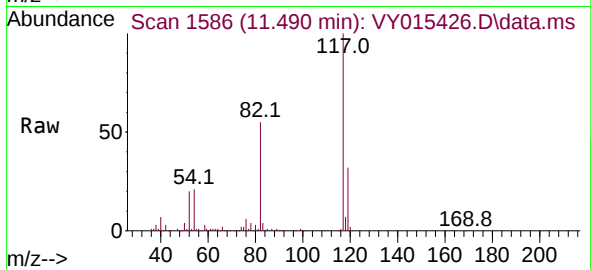
Tgt Ion:117 Resp: 231639

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.3 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: VY015426.D

Acq: 01 Sep 2023 19:26

Tgt Ion:152 Resp: 111453

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.2 0.0 348.8

