

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015523.D
 Acq On : 12 Sep 2023 21:21
 Operator : SY/MD
 Sample : 04397-03
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-04(7.5-8)

Quant Time: Sep 13 05:58:13 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)

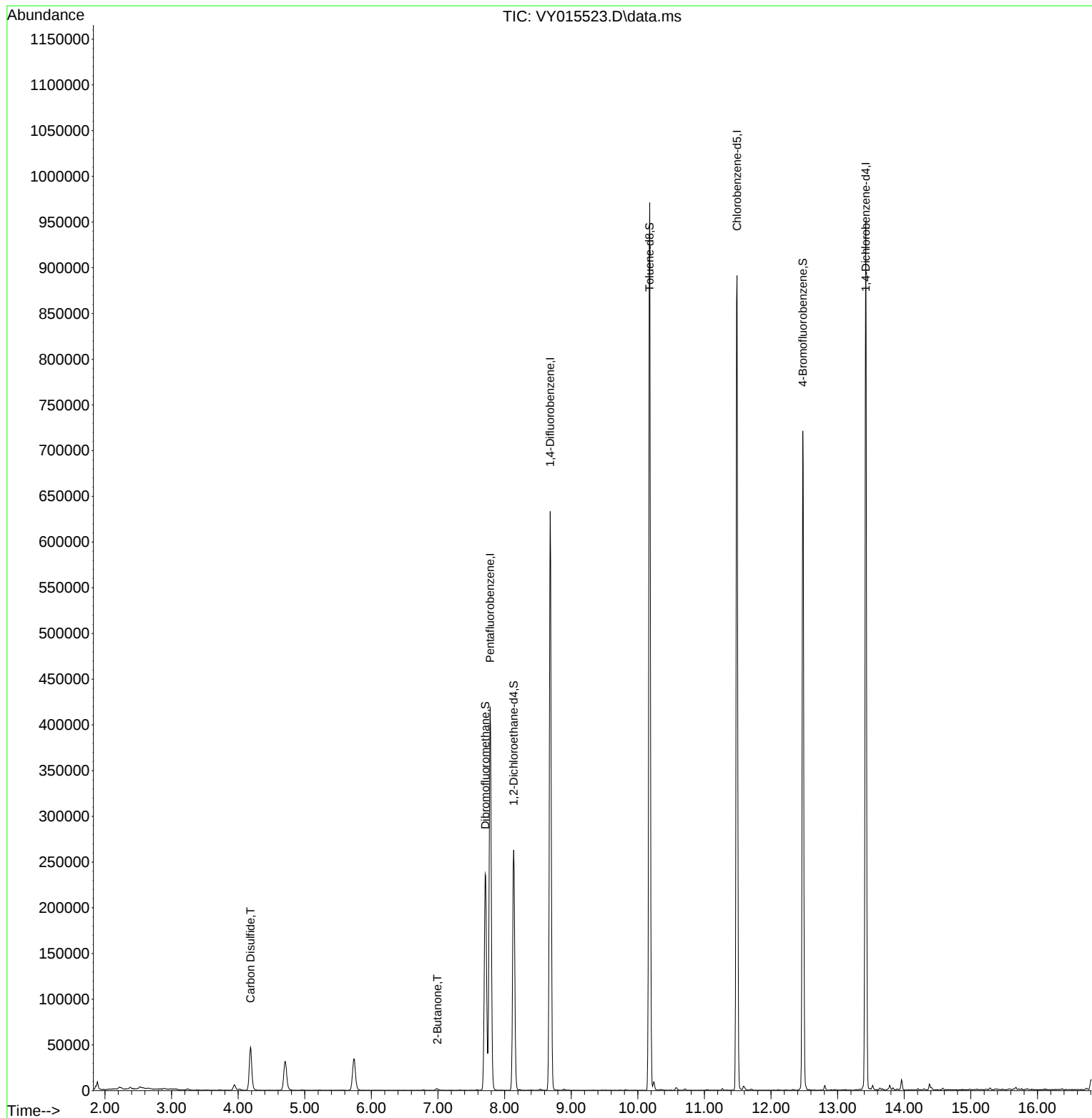
Internal Standards						
1) Pentafluorobenzene	7.783	168	325021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	490265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205876	59.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.710	113	167536	54.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.179	98	633168	56.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.660%	
62) 4-Bromofluorobenzene	12.477	95	217246	52.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.040%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.186	76	94695	9.804	ug/l	97
25) 2-Butanone	6.990	43	3306	1.603	ug/l	96

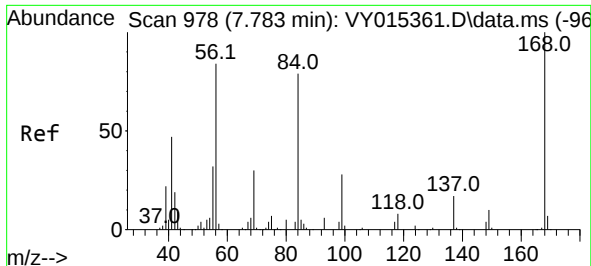
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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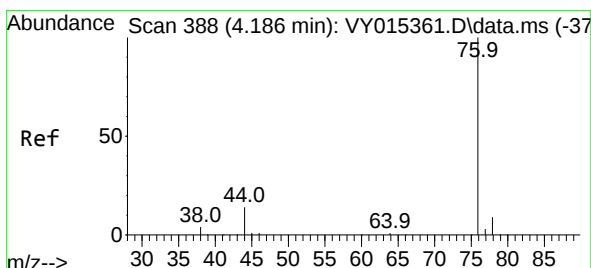
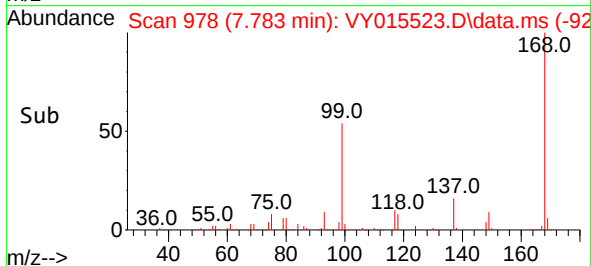
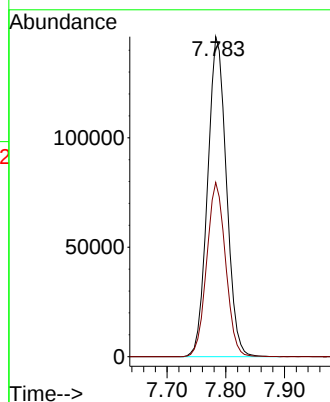
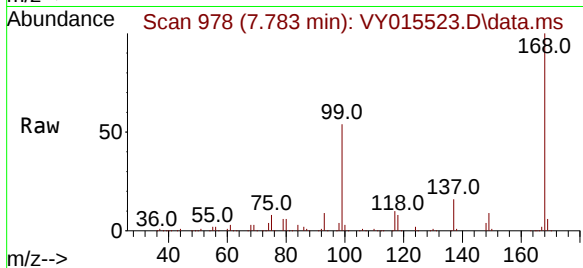




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

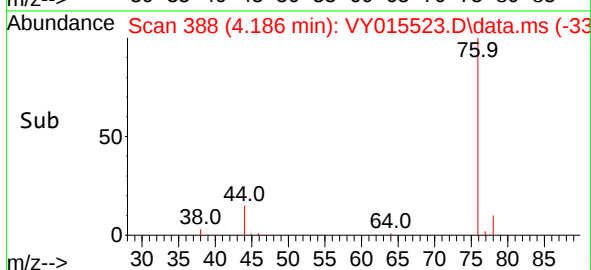
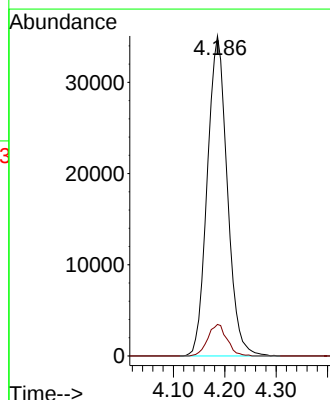
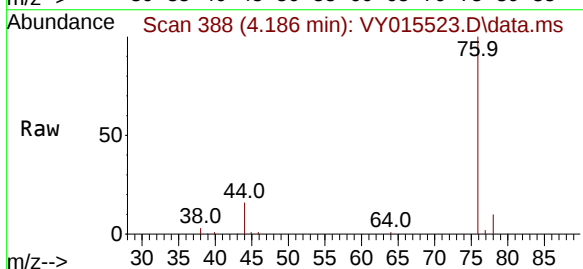
Instrument :
MSVOA_Y
ClientSampleId :
B103-04(7.5-8)

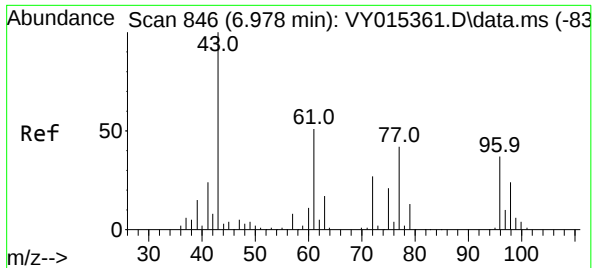
Tgt Ion:168 Resp: 325021
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#17
Carbon Disulfide
Concen: 9.804 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Tgt Ion: 76 Resp: 94695
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4





#25

2-Butanone

Concen: 1.603 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015523.D

Acq: 12 Sep 2023 21:21

Instrument :

MSVOA_Y

ClientSampleId :

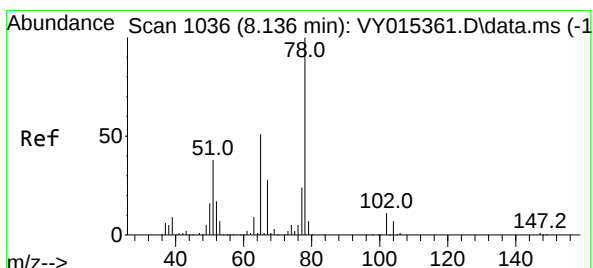
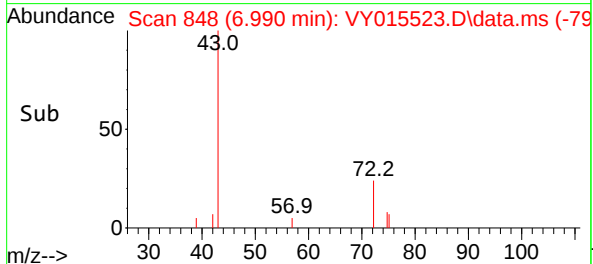
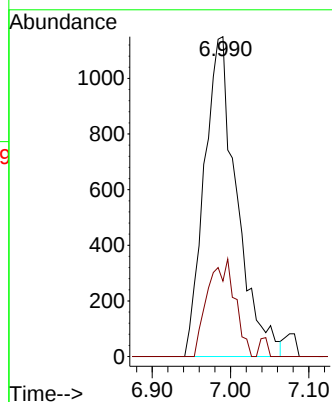
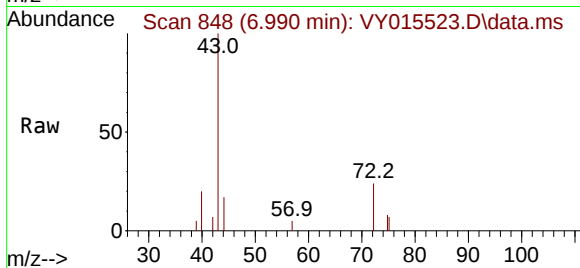
B103-04(7.5-8)

Tgt Ion: 43 Resp: 3306

Ion Ratio Lower Upper

43 100

72 23.6 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 59.089 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015523.D

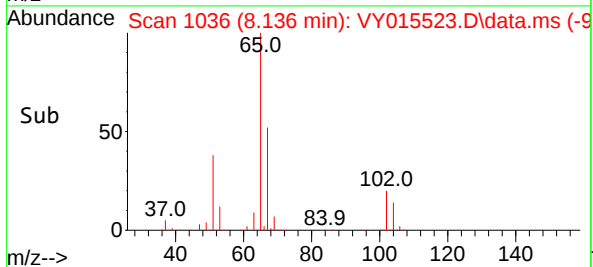
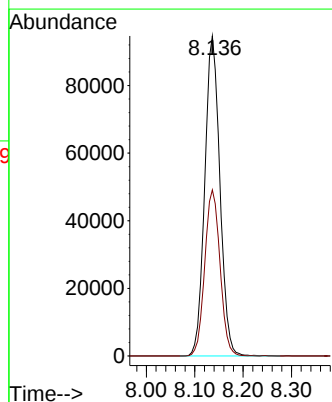
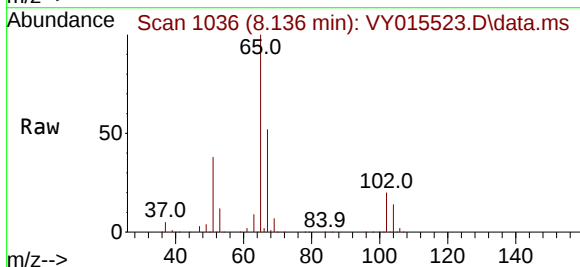
Acq: 12 Sep 2023 21:21

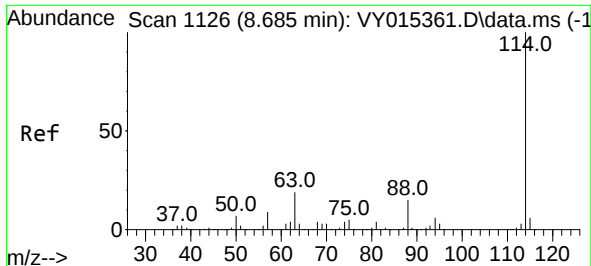
Tgt Ion: 65 Resp: 205876

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015523.D

Acq: 12 Sep 2023 21:21

Instrument :

MSVOA_Y

ClientSampleId :

B103-04(7.5-8)

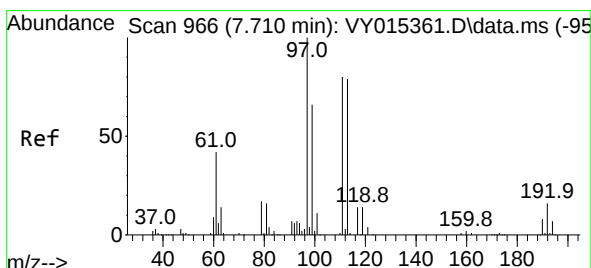
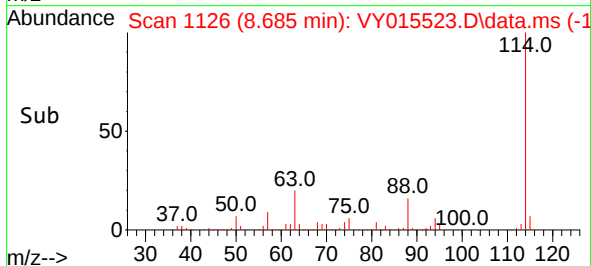
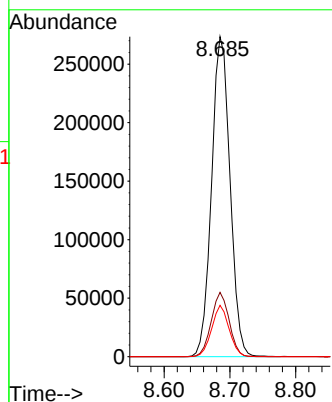
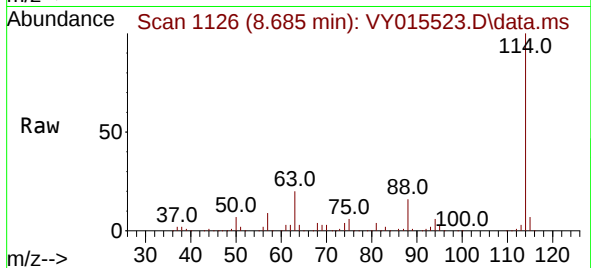
Tgt Ion:114 Resp: 534189

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.451 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015523.D

Acq: 12 Sep 2023 21:21

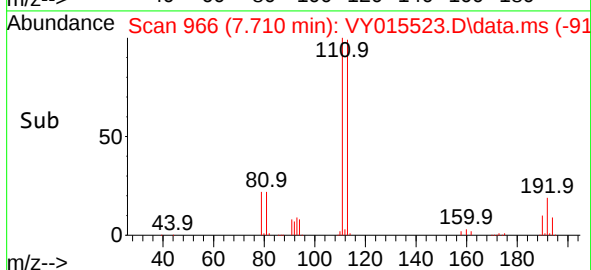
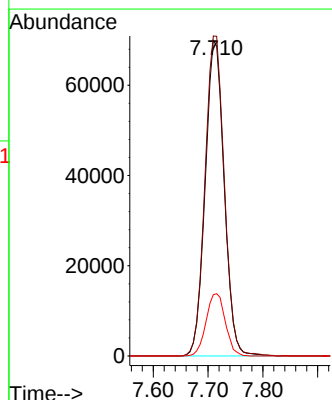
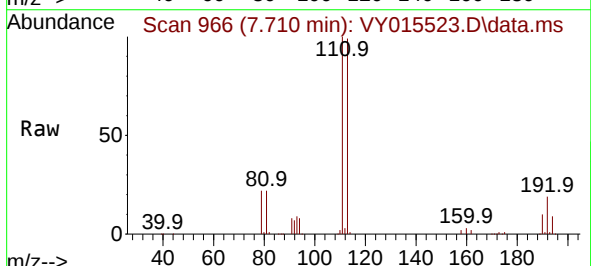
Tgt Ion:113 Resp: 167536

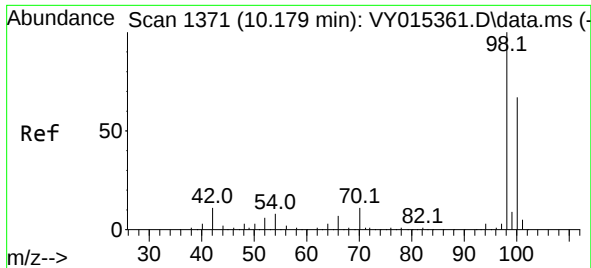
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 20.0 16.9 25.3

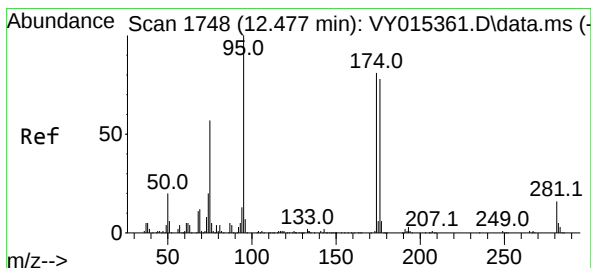
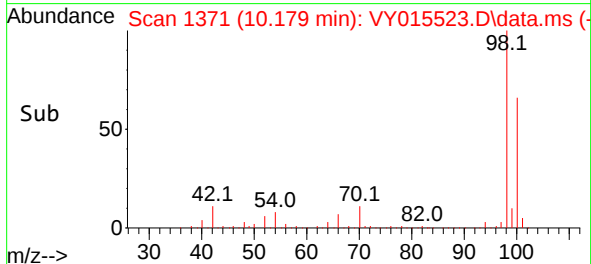
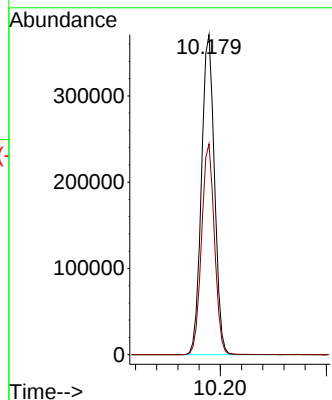
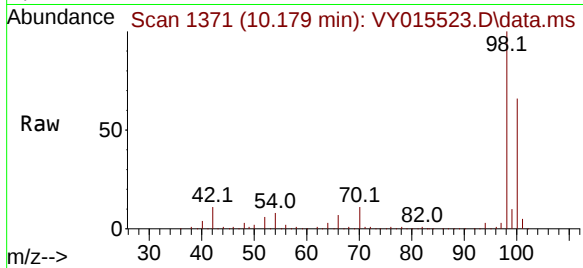




#50
Toluene-d8
Concen: 56.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

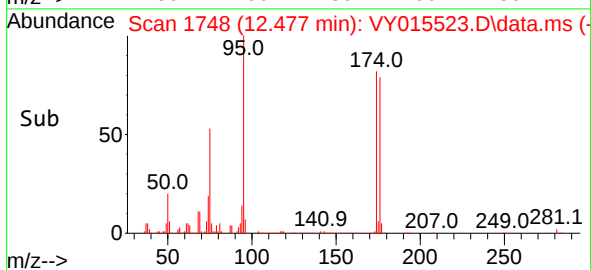
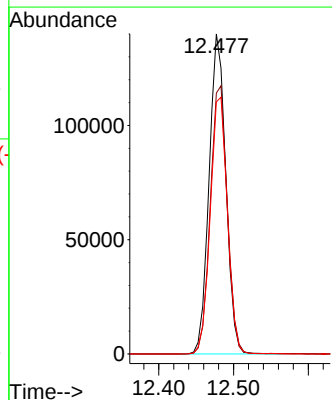
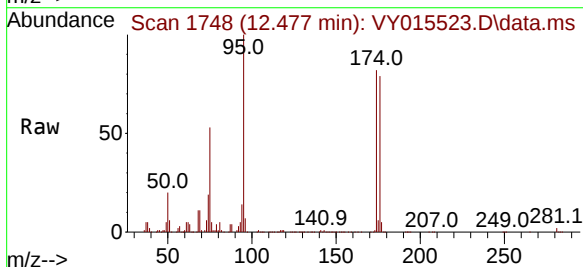
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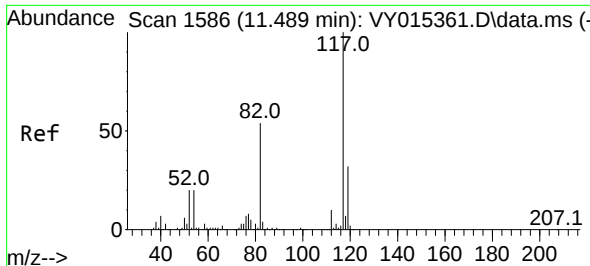
Tgt Ion: 98 Resp: 633168
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.520 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Tgt Ion: 95 Resp: 217246
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.5 0.0 173.8

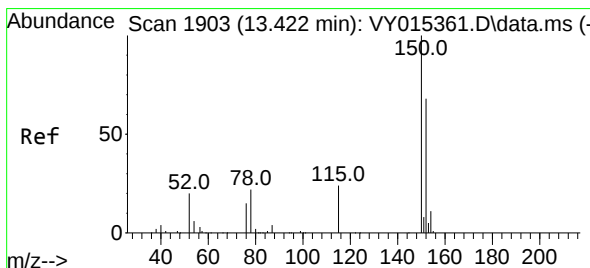
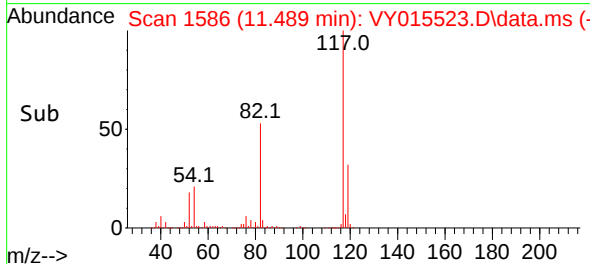
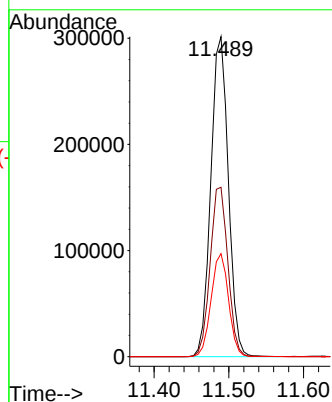
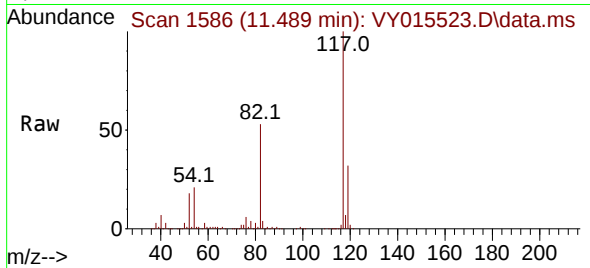




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Instrument :
MSVOA_Y
ClientSampleId :
B103-04(7.5-8)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.0
119	32.2	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: VY015523.D
Acq: 12 Sep 2023 21:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	155.2	0.0	348.8

