

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015125.D
 Acq On : 16 Aug 2023 00:32
 Operator : SY/MD
 Sample : 03956-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23B

Quant Time: Aug 16 04:25:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

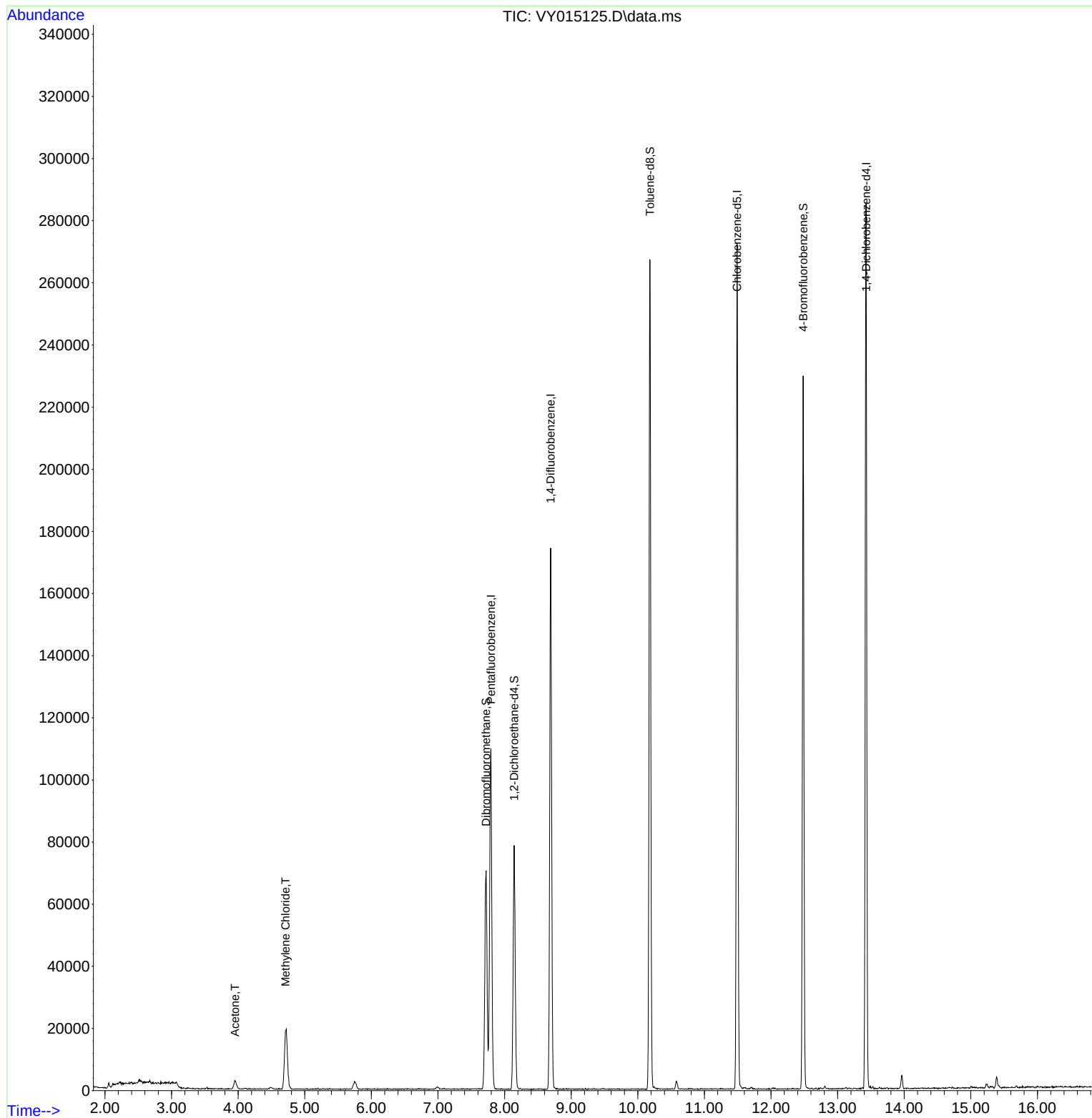
Internal Standards						
1) Pentafluorobenzene	7.795	168	86373	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	149459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57856	55.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.722	113	49096	51.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.185	98	181115	50.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.483	95	67364	51.527	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.060%
Target Compounds						Qvalue
16) Acetone	3.954	43	4877	14.399	ug/l #	86
20) Methylene Chloride	4.710	84	15043	15.546	ug/l #	84

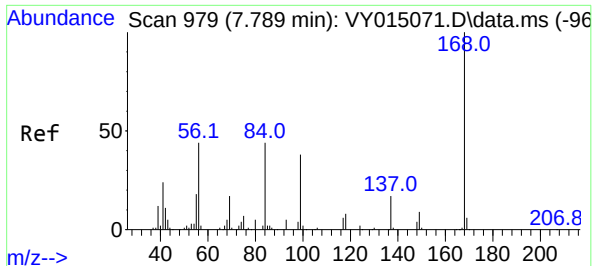
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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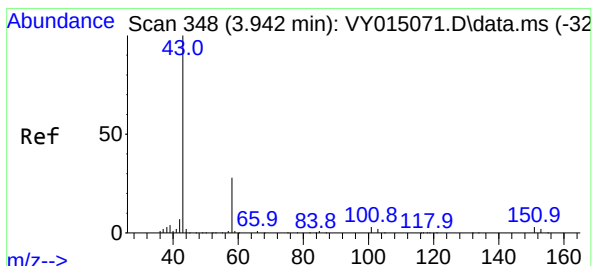
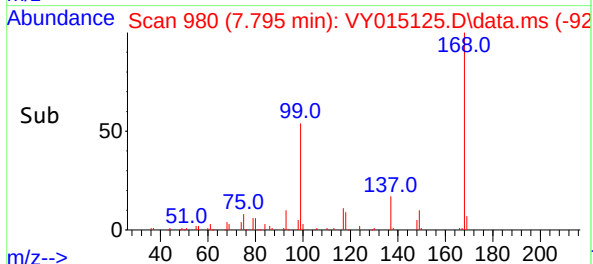
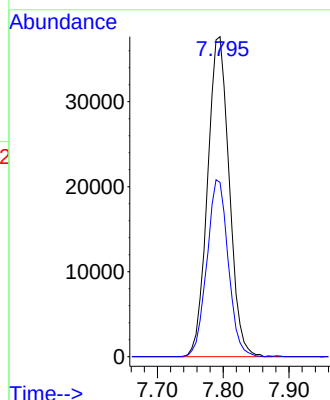
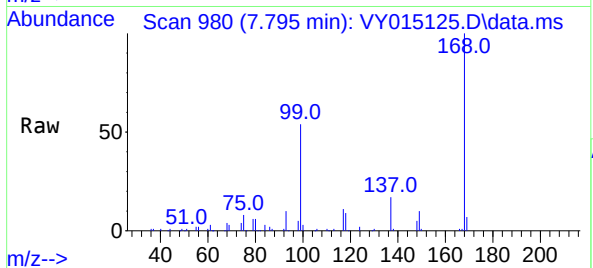




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

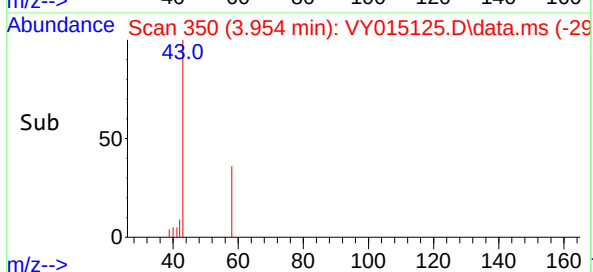
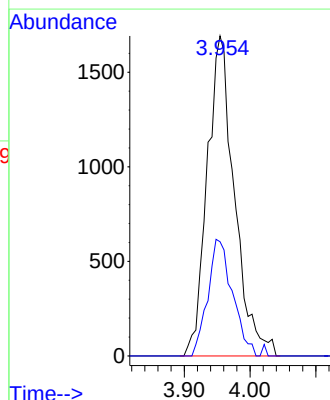
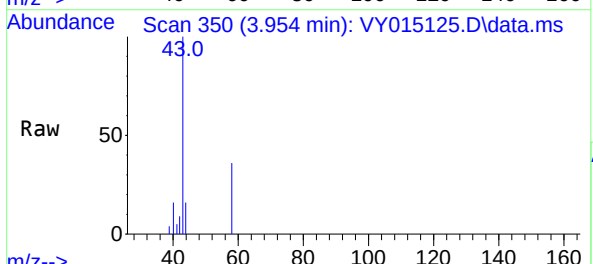
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

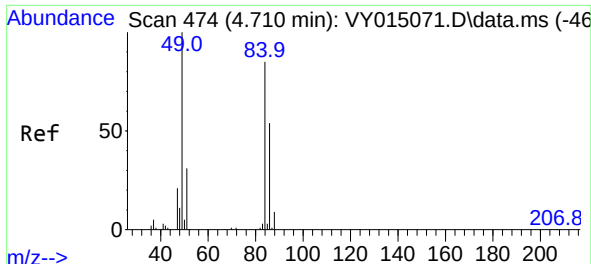
Tgt Ion:168 Resp: 86373
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 14.399 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion: 43 Resp: 4877
Ion Ratio Lower Upper
43 100
58 35.7 22.7 34.1#



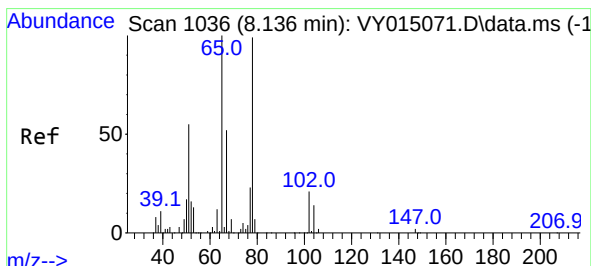
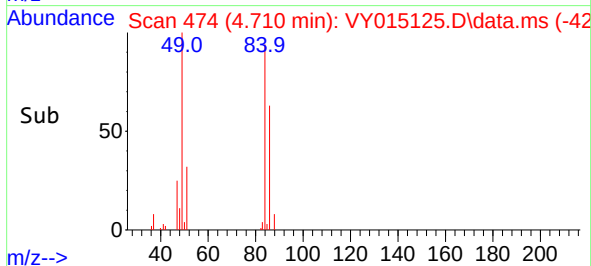
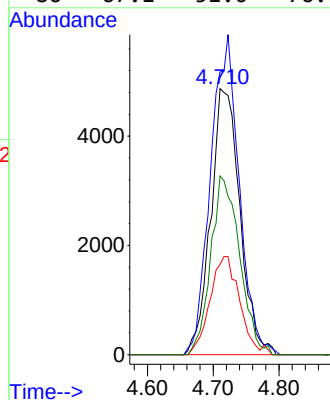
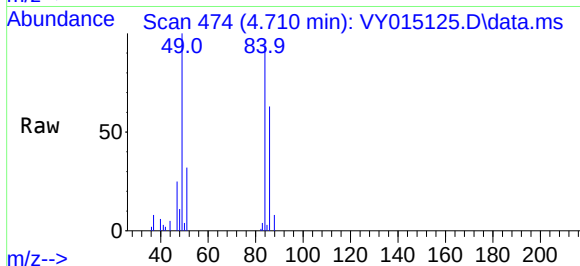


#20
Methylene Chloride
Concen: 15.546 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion: 84 Resp: 15043

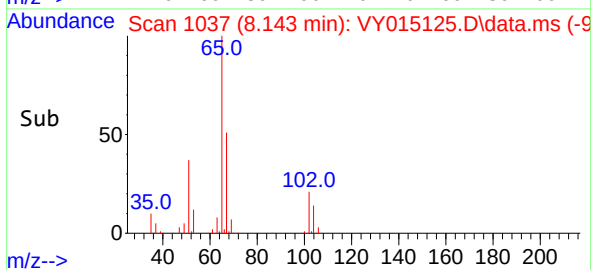
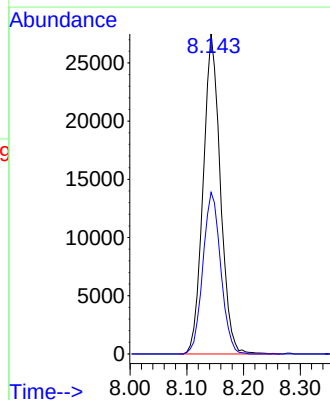
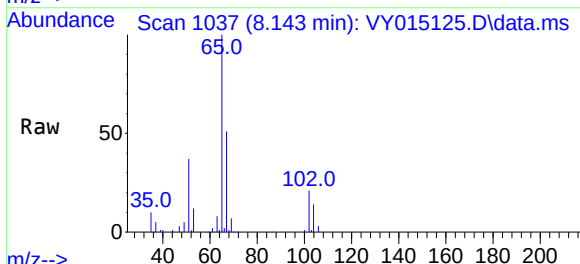
Ion	Ratio	Lower	Upper
84	100		
49	106.3	106.9	160.3#
51	33.9	33.2	49.8
86	67.1	51.0	76.6

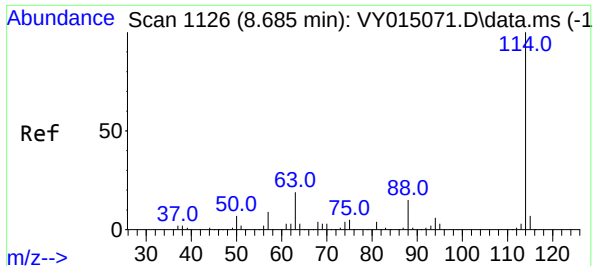


#33
1,2-Dichloroethane-d4
Concen: 55.801 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion: 65 Resp: 57856

Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VY015125.D

Acq: 16 Aug 2023 00:32

Instrument :

MSVOA_Y

ClientSampleId :

B-PP23B

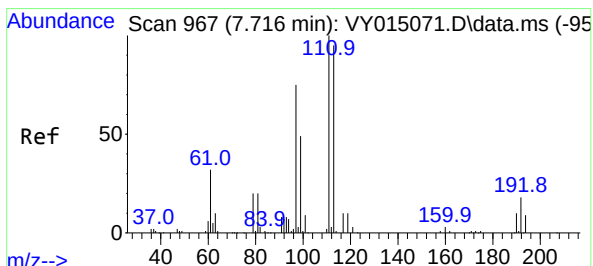
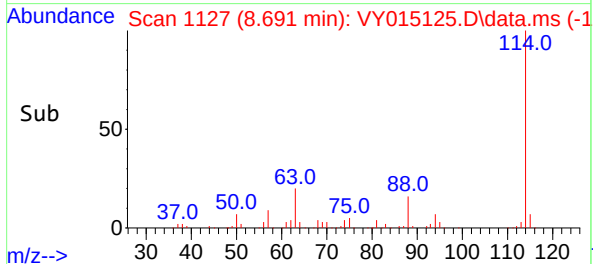
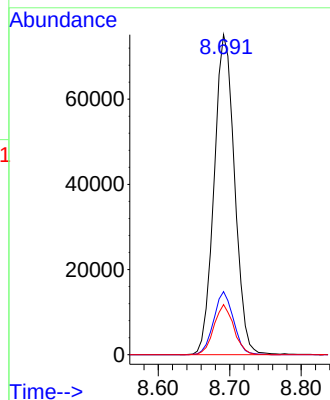
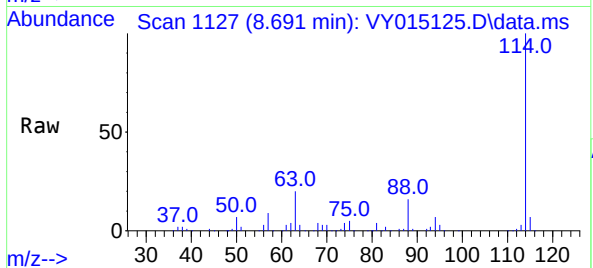
Tgt Ion:114 Resp: 149459

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015125.D

Acq: 16 Aug 2023 00:32

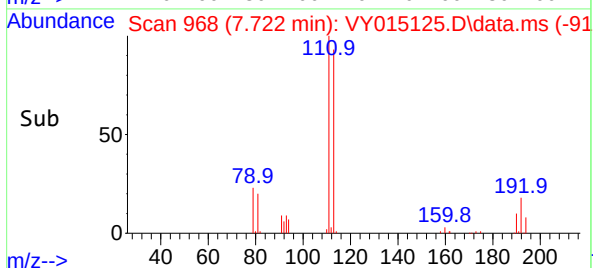
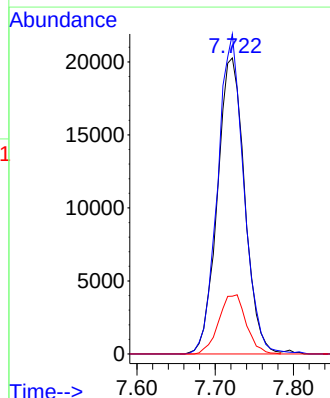
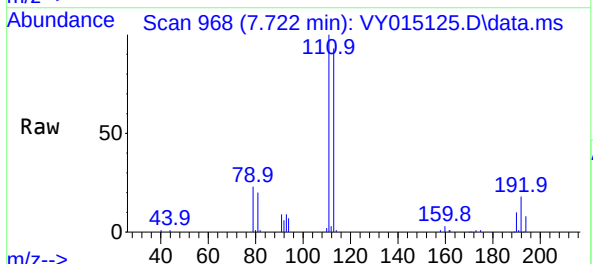
Tgt Ion:113 Resp: 49096

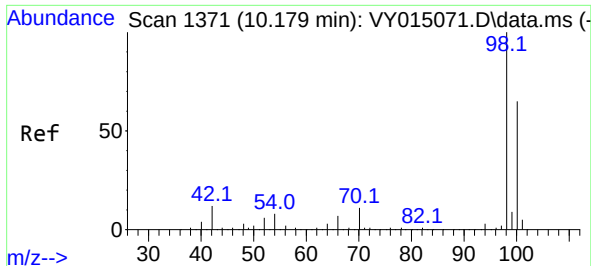
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 20.1 16.9 25.3

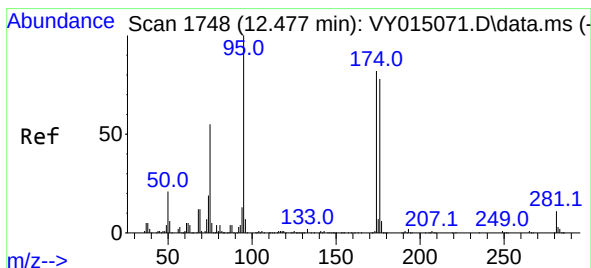
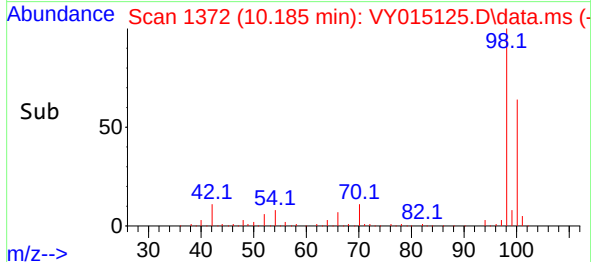
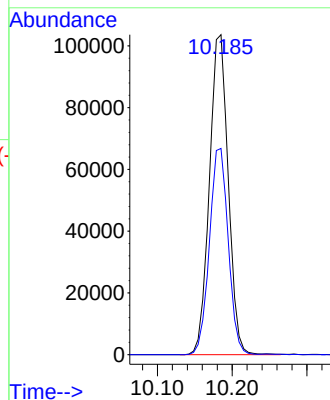
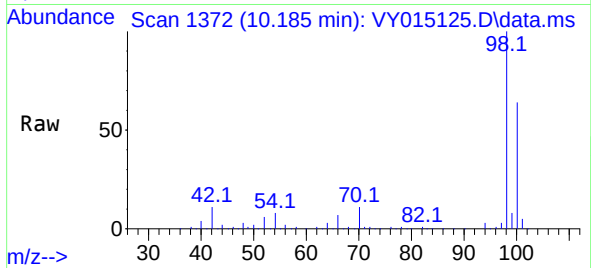




#50
Toluene-d8
Concen: 50.600 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

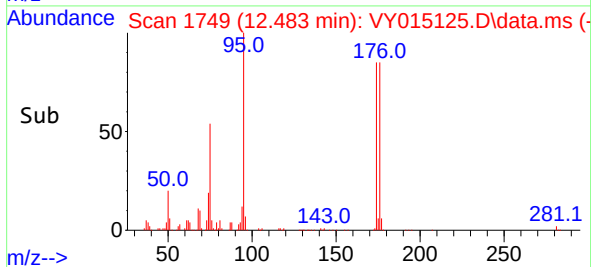
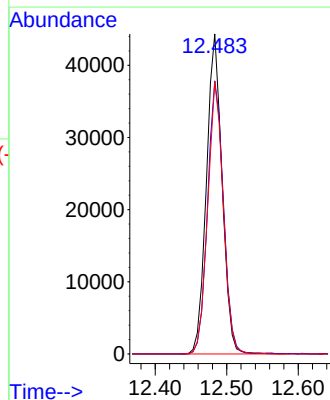
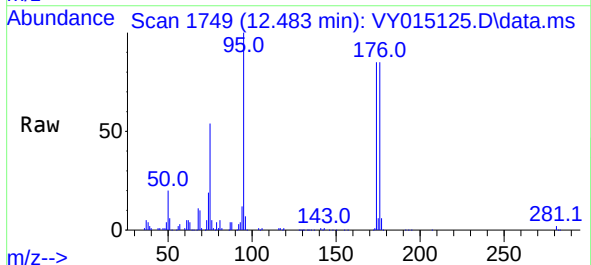
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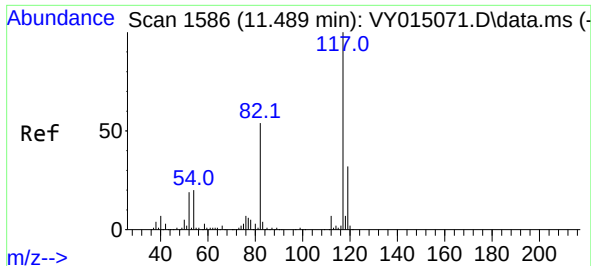
Tgt Ion: 98 Resp: 181115
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion: 95 Resp: 67364
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 84.9 0.0 173.8

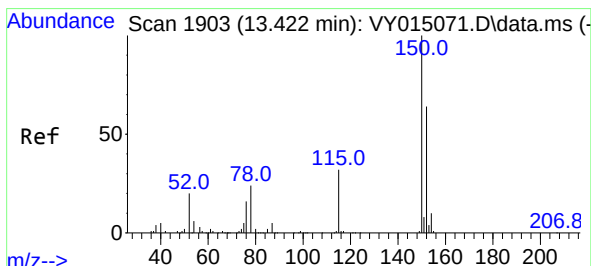
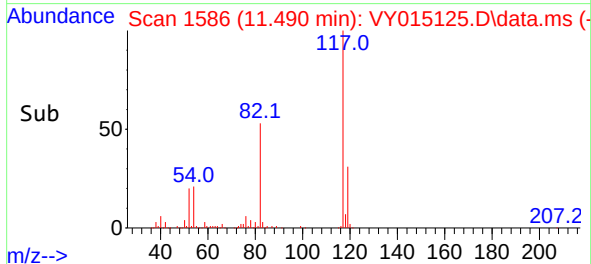
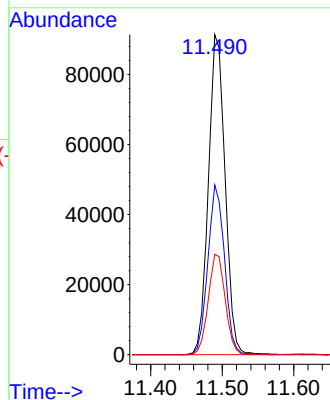
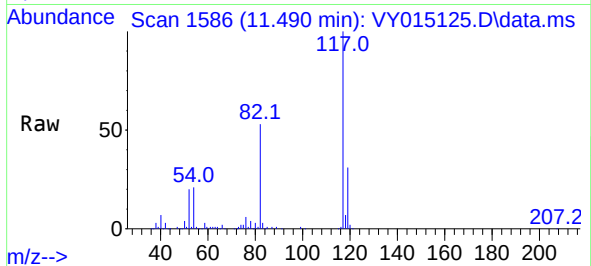




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:117 Resp: 148520
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015125.D
Acq: 16 Aug 2023 00:32

Tgt Ion:152 Resp: 74320
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 160.2 0.0 348.8

