

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017728.D
 Acq On : 20 Mar 2024 15:54
 Operator : SY/MD
 Sample : P1817-03
 Misc : 3.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-148-SB02

Quant Time: Mar 21 03:15:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

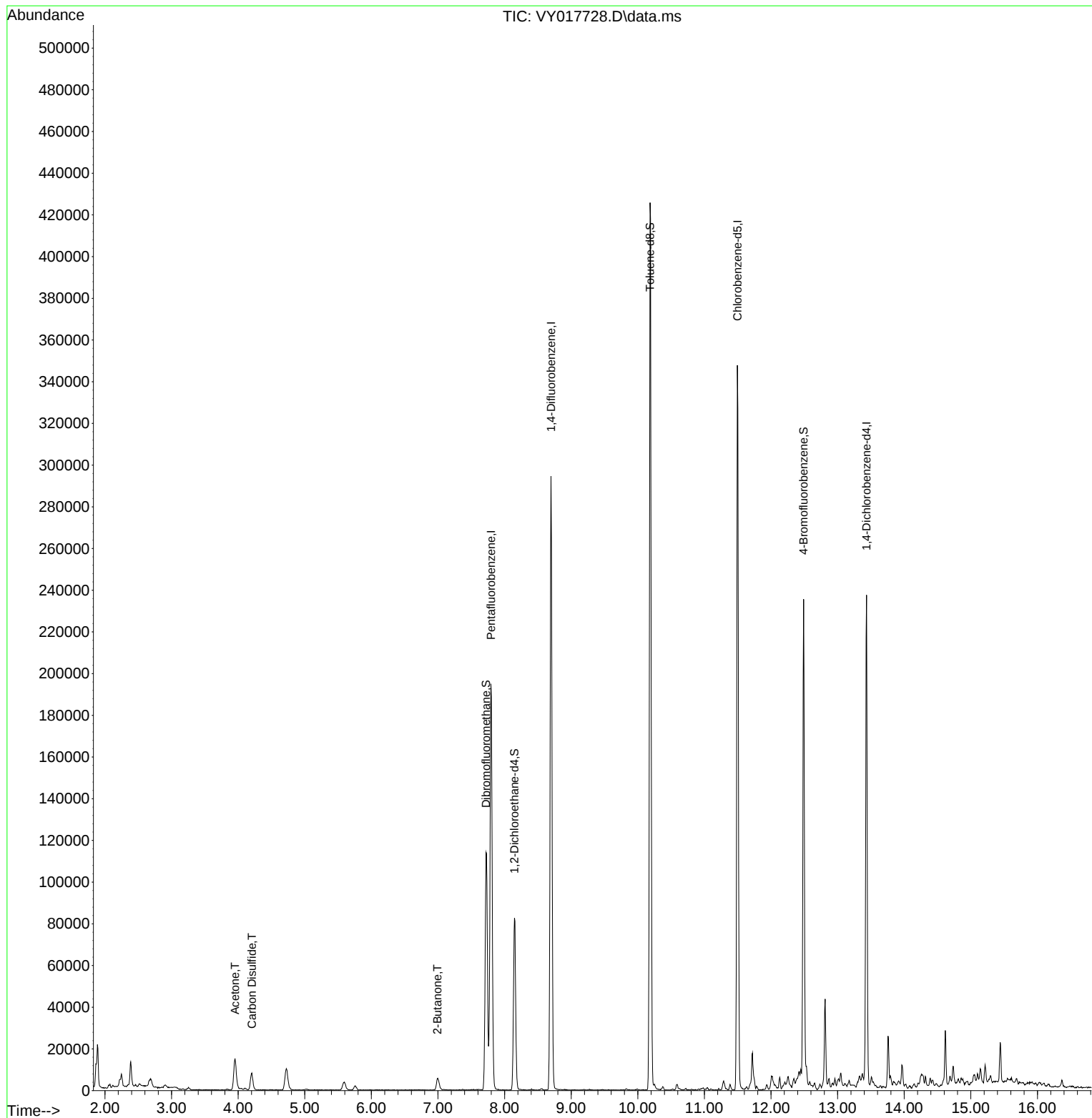
Internal Standards						
1) Pentafluorobenzene	7.795	168	168683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64540	40.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.740%
35) Dibromofluoromethane	7.722	113	83461	43.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.700%
50) Toluene-d8	10.185	98	298367	44.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.489	95	70474	33.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.400%
Target Compounds						
16) Acetone	3.954	43	26356	84.999	ug/l	99
17) Carbon Disulfide	4.204	76	16580	3.466	ug/l #	93
25) 2-Butanone	6.990	43	9717	21.989	ug/l	93

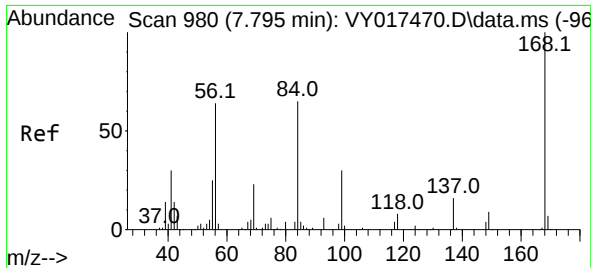
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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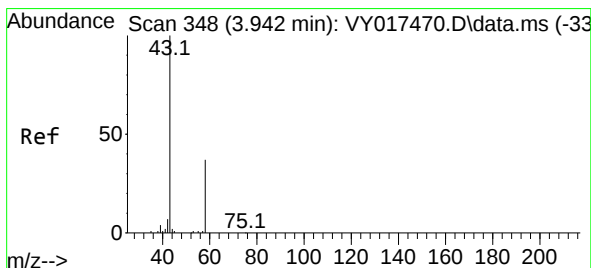
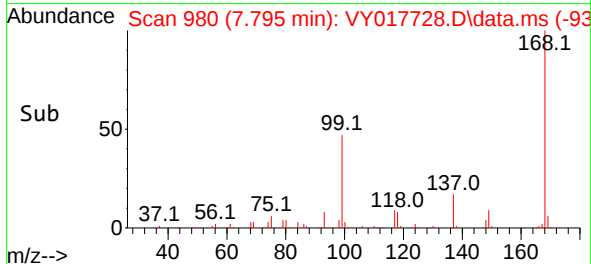
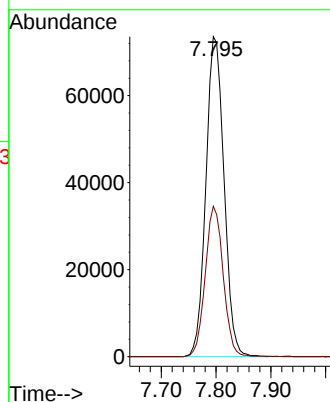
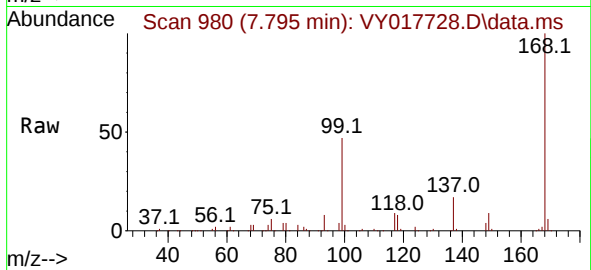




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

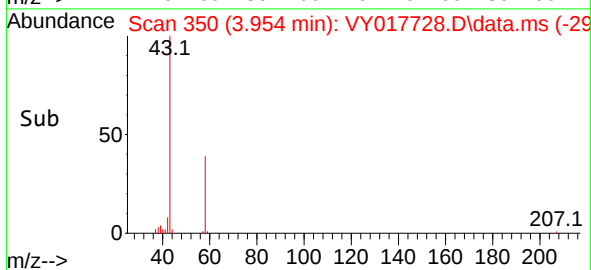
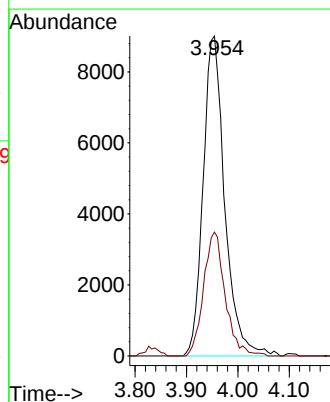
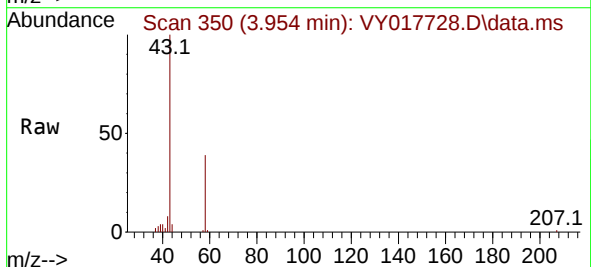
Instrument :
MSVOA_Y
ClientSampleId :
B-148-SB02

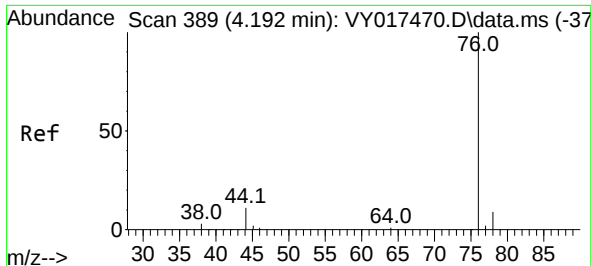
Tgt Ion:168 Resp: 168683
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 84.999 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 43 Resp: 26356
Ion Ratio Lower Upper
43 100
58 38.7 31.7 47.5

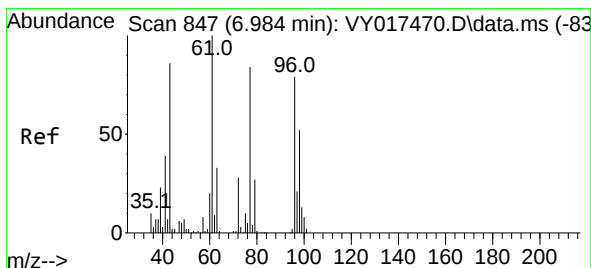
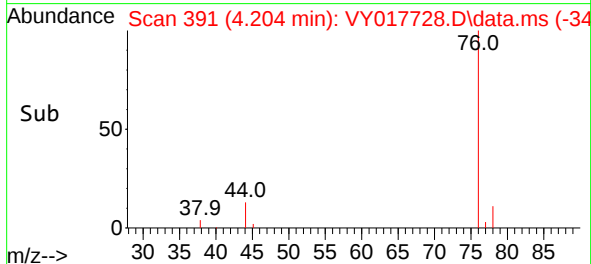
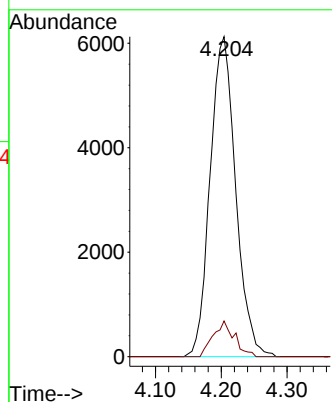
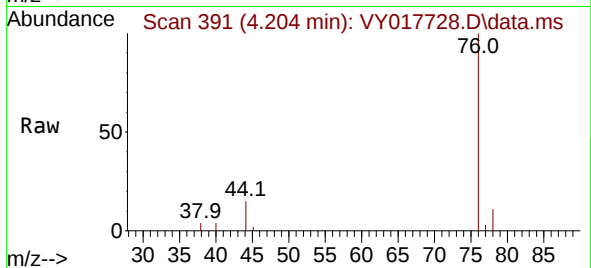




#17
Carbon Disulfide
Concen: 3.466 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

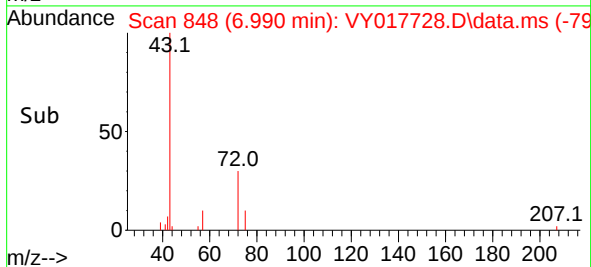
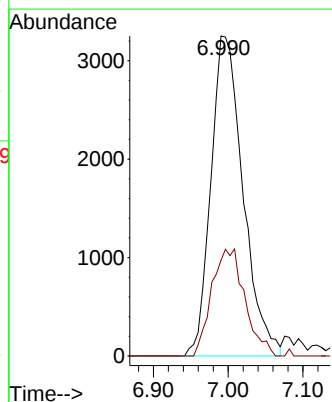
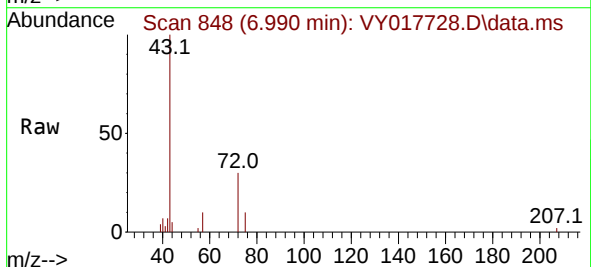
Instrument :
MSVOA_Y
ClientSampleId :
B-148-SB02

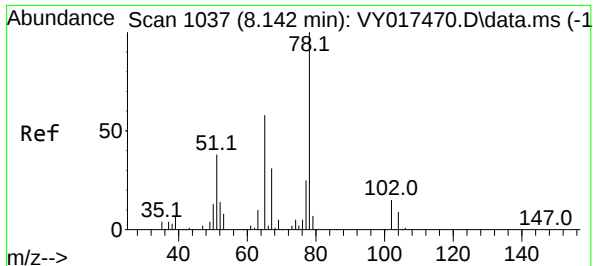
Tgt Ion: 76 Resp: 16580
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#



#25
2-Butanone
Concen: 21.989 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
72 29.8 27.3 40.9





#33

1,2-Dichloroethane-d4

Concen: 40.371 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

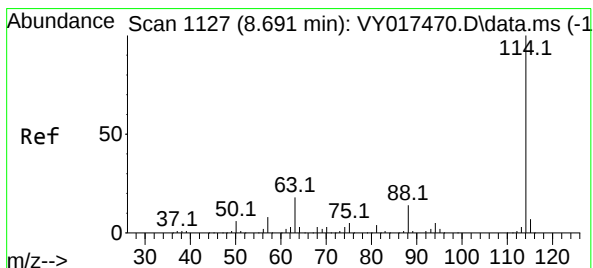
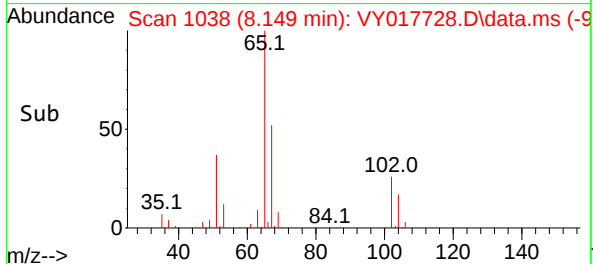
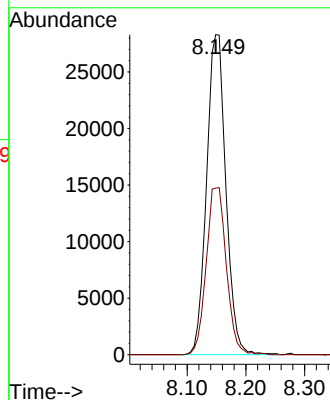
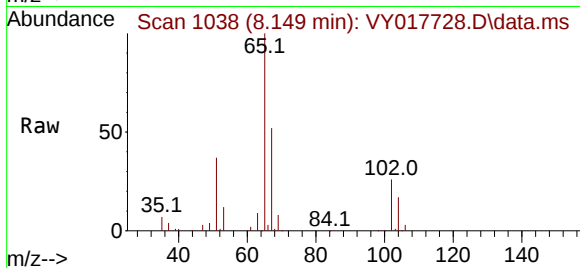
B-148-SB02

Tgt Ion: 65 Resp: 64540

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

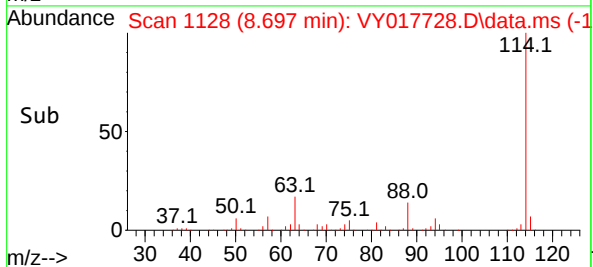
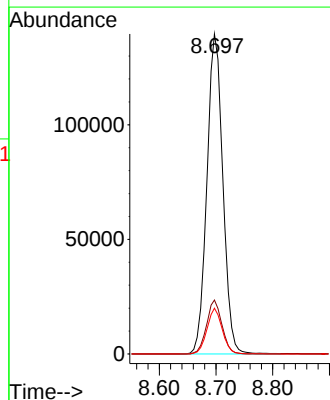
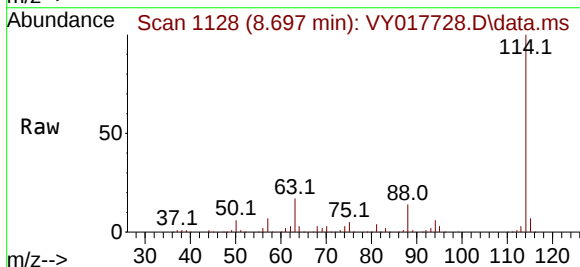
Tgt Ion: 114 Resp: 273115

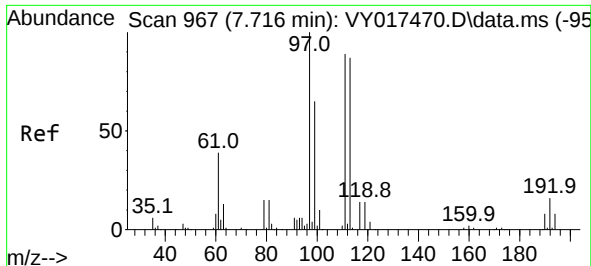
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 43.854 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017728.D

Acq: 20 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

B-148-SB02

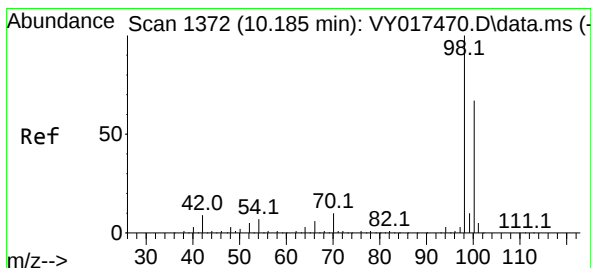
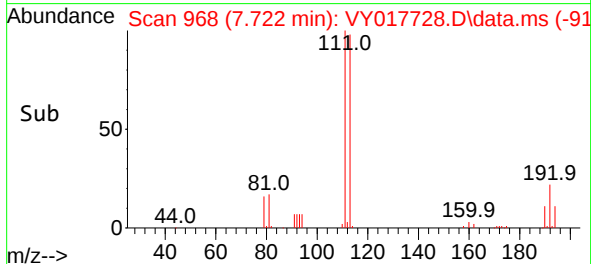
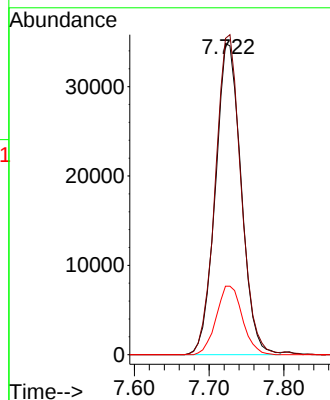
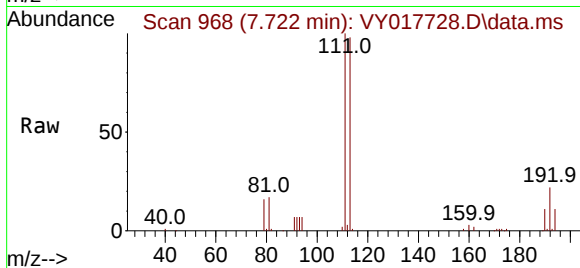
Tgt Ion:113 Resp: 83461

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 22.3 15.9 23.9



#50

Toluene-d8

Concen: 44.839 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017728.D

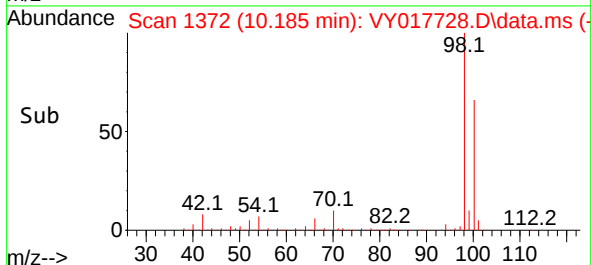
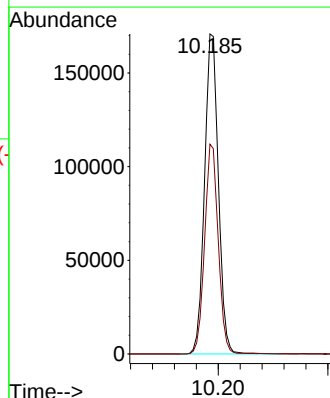
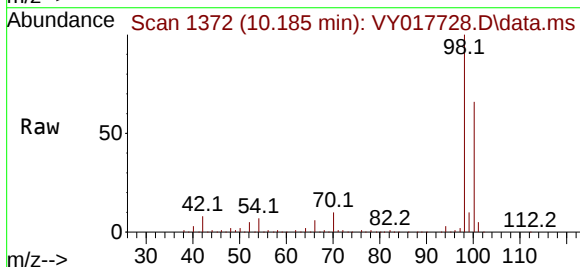
Acq: 20 Mar 2024 15:54

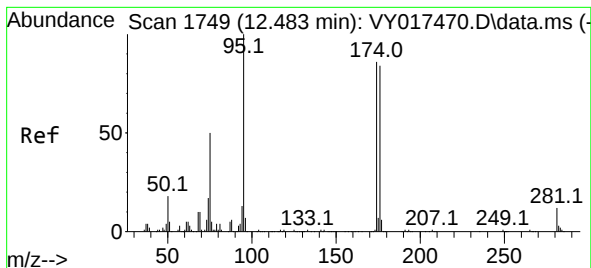
Tgt Ion: 98 Resp: 298367

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

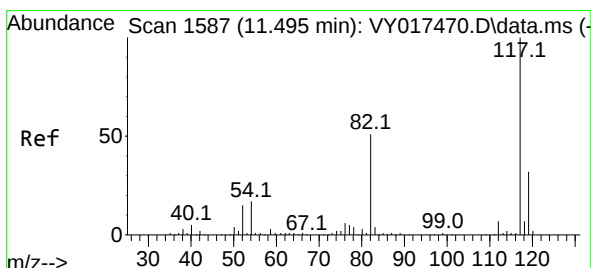
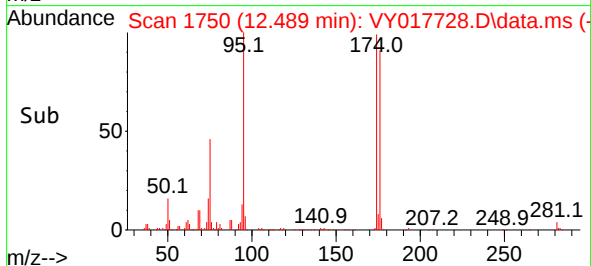
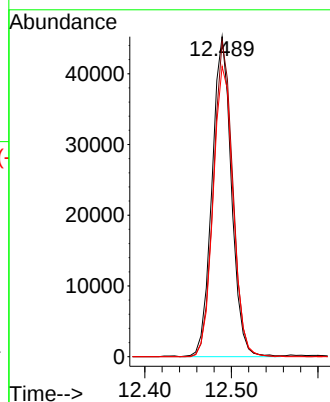
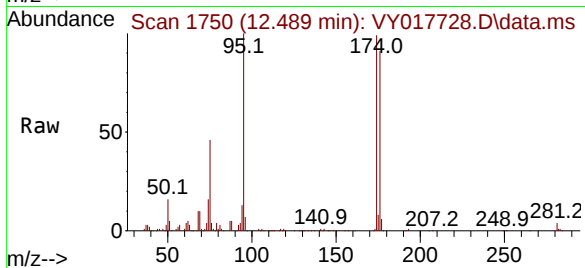




#62
4-Bromofluorobenzene
Concen: 33.700 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

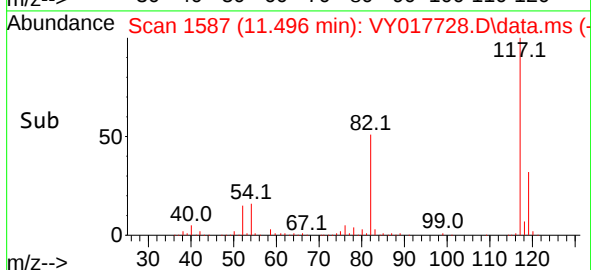
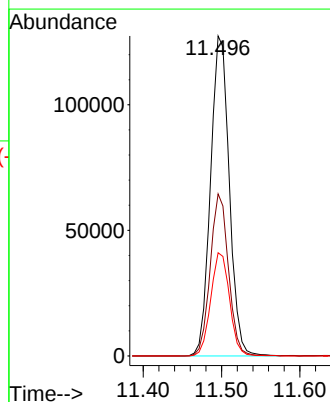
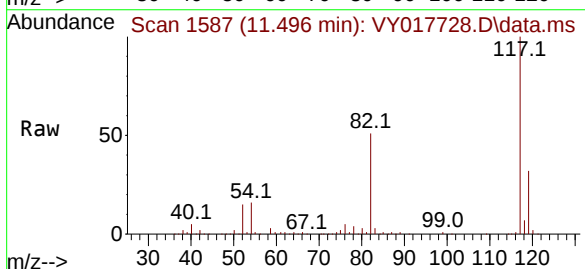
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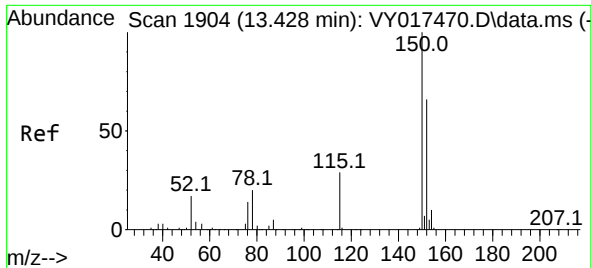
Tgt Ion: 95 Resp: 70474
Ion Ratio Lower Upper
95 100
174 98.1 0.0 175.6
176 93.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017728.D
Acq: 20 Mar 2024 15:54

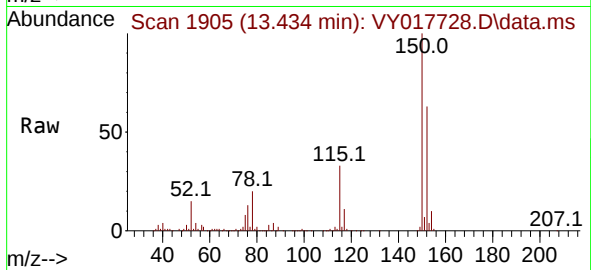
Tgt Ion: 117 Resp: 211610
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017728.D
 Acq: 20 Mar 2024 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-148-SB02



Tgt Ion:152 Resp: 66417
 Ion Ratio Lower Upper
 152 100
 115 52.6 28.2 84.7
 150 154.0 0.0 345.6

