

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017459.D
 Acq On : 22 Feb 2024 15:37
 Operator : SY/MD
 Sample : P1537-08
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8

Quant Time: Feb 23 00:31:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

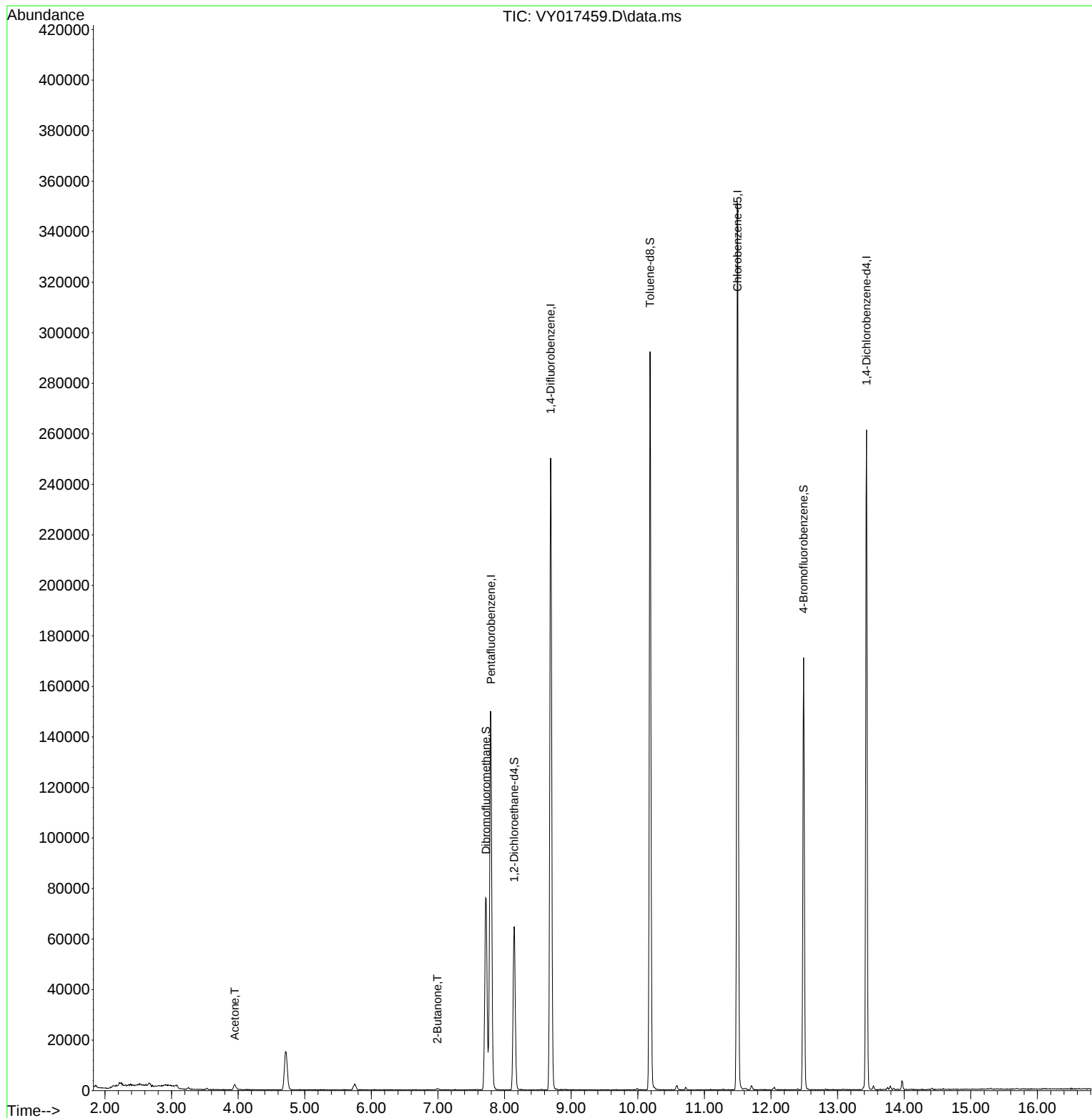
Internal Standards						
1) Pentafluorobenzene	7.795	168	122049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49621	47.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.722	113	56206	41.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.185	98	194849	37.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.500%
62) 4-Bromofluorobenzene	12.489	95	50488	29.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.340%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3577	15.841	ug/l	88
25) 2-Butanone	6.990	43	833	2.628	ug/l	93

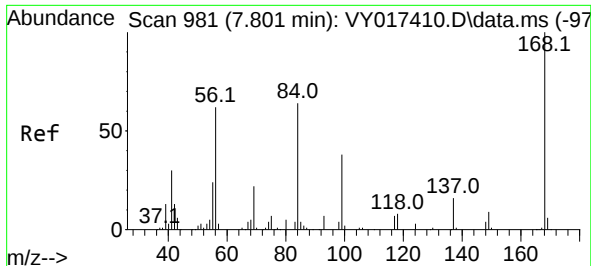
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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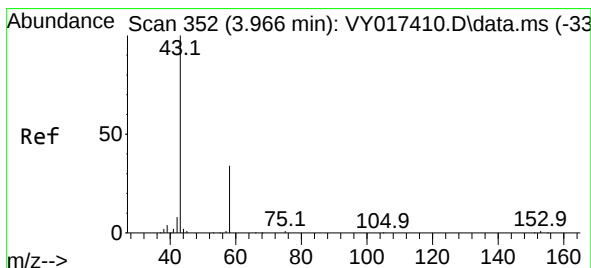
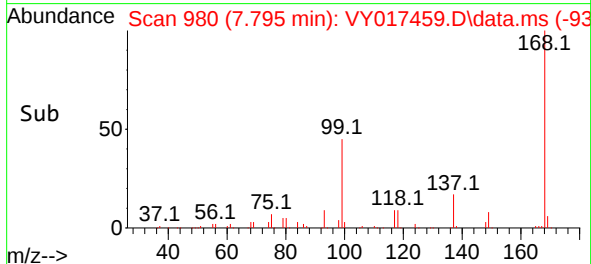
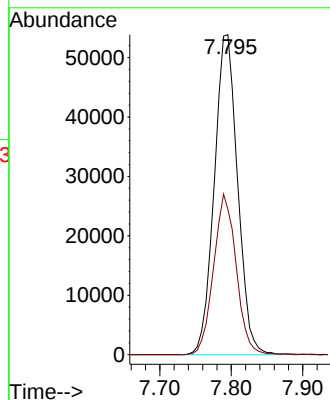
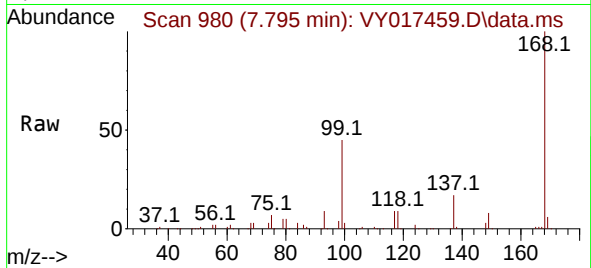




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

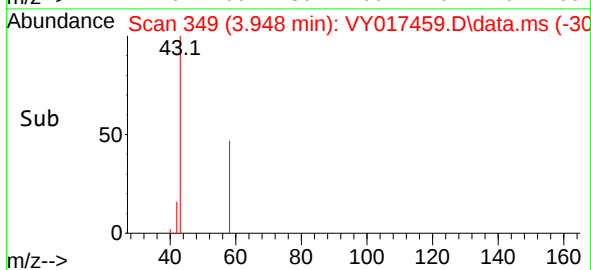
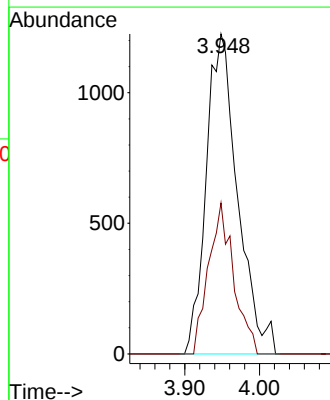
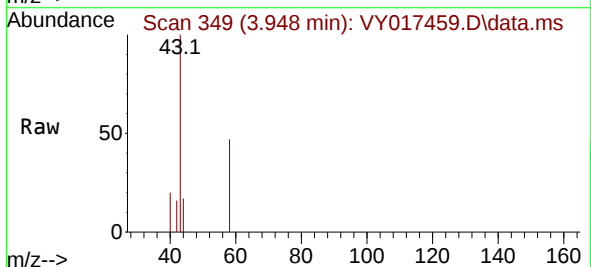
Instrument :
MSVOA_Y
ClientSampleId :
8

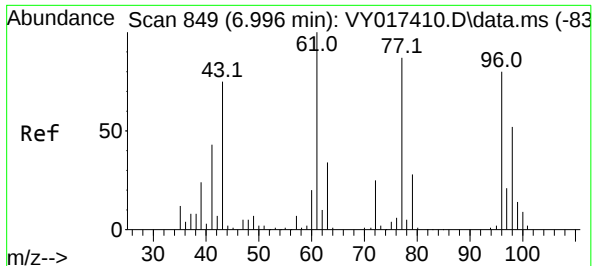
Tgt Ion:168 Resp: 122049
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#16
Acetone
Concen: 15.841 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion: 43 Resp: 3577
Ion Ratio Lower Upper
43 100
58 47.2 31.7 47.5





#25

2-Butanone

Concen: 2.628 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

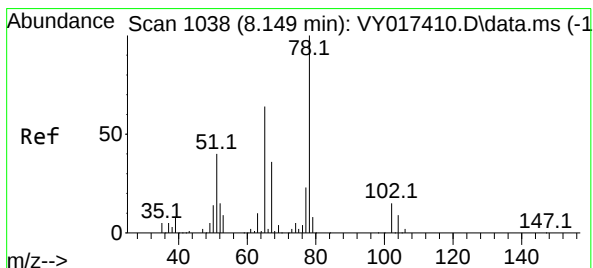
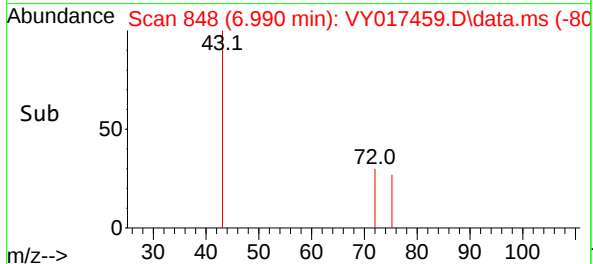
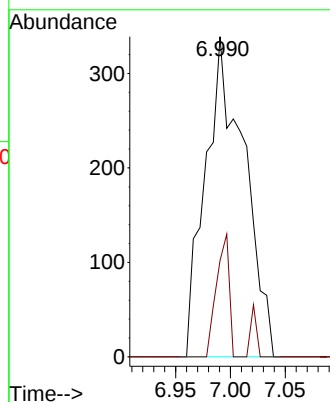
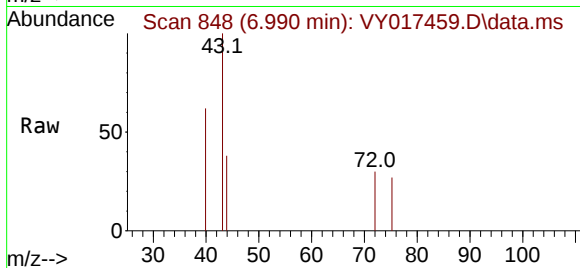
8

Tgt Ion: 43 Resp: 833

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 47.591 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017459.D

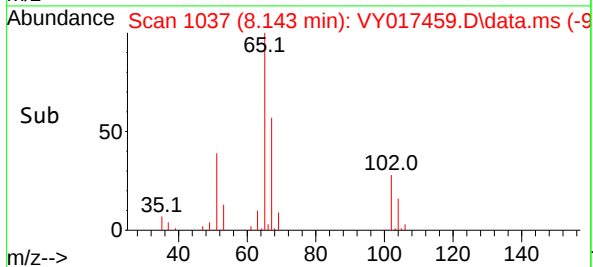
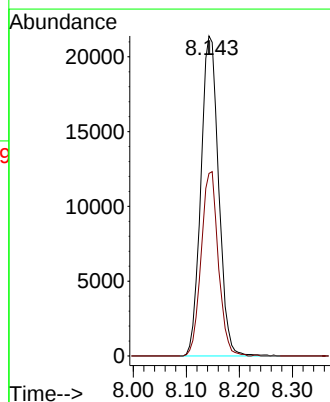
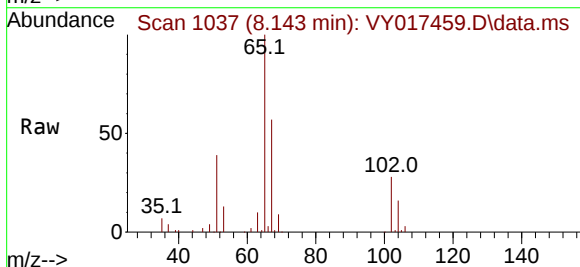
Acq: 22 Feb 2024 15:37

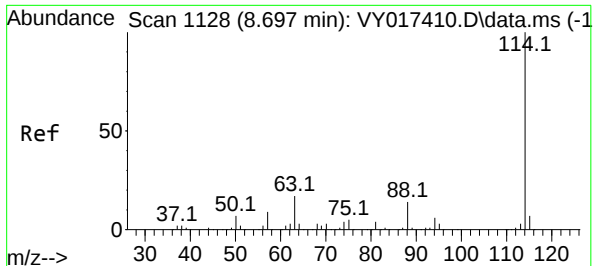
Tgt Ion: 65 Resp: 49621

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

8

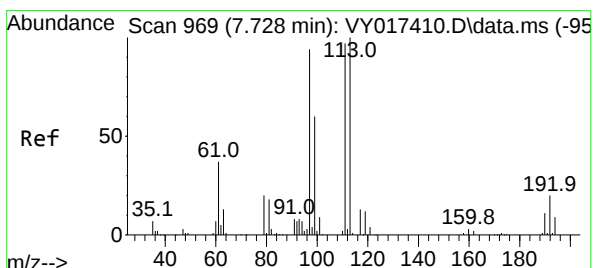
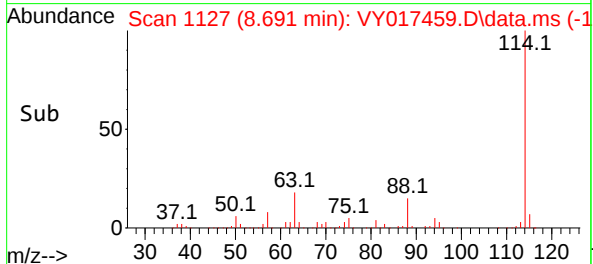
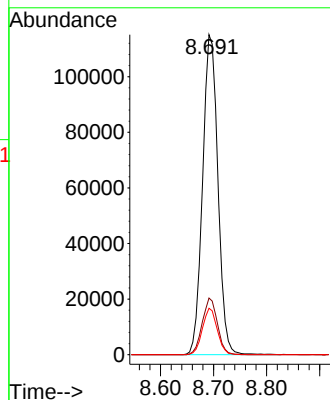
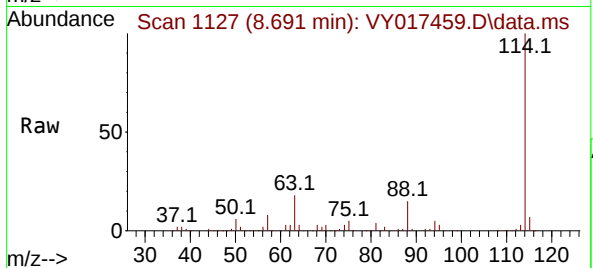
Tgt Ion:114 Resp: 230414

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.672 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017459.D

Acq: 22 Feb 2024 15:37

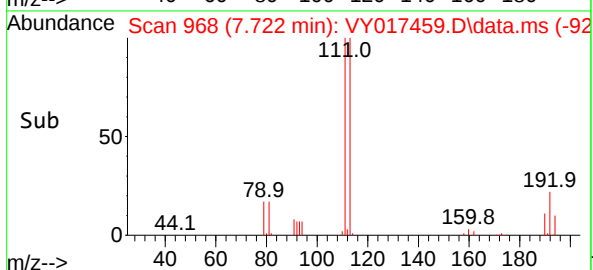
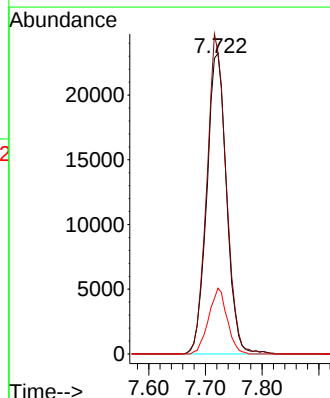
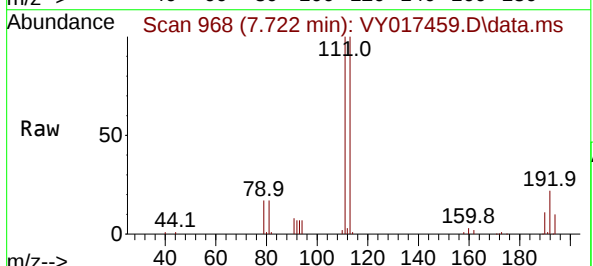
Tgt Ion:113 Resp: 56206

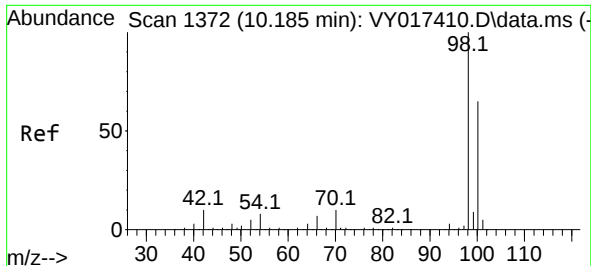
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 20.5 15.9 23.9

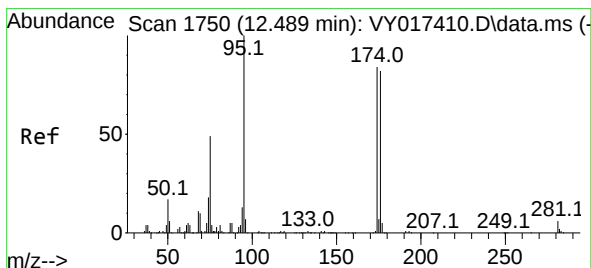
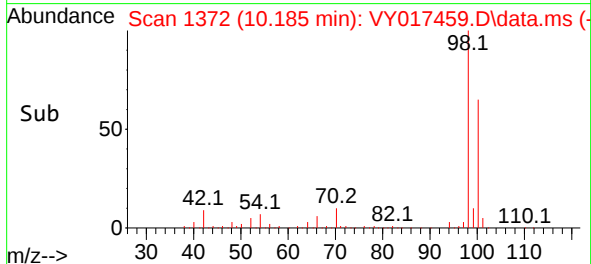
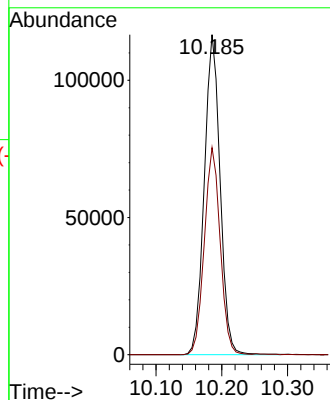
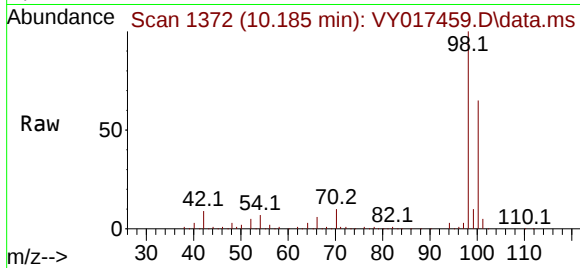




#50
Toluene-d8
Concen: 37.249 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

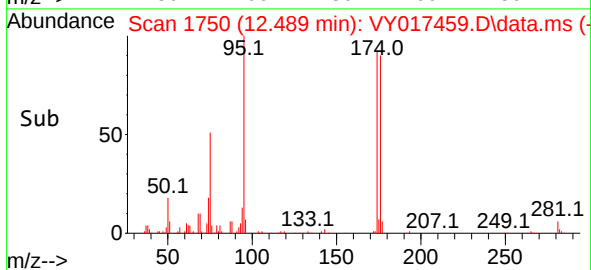
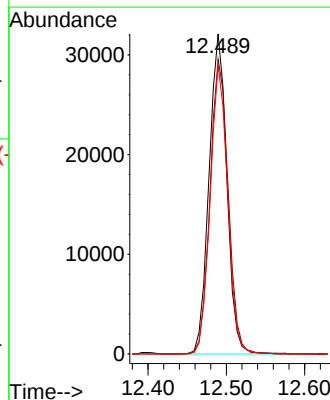
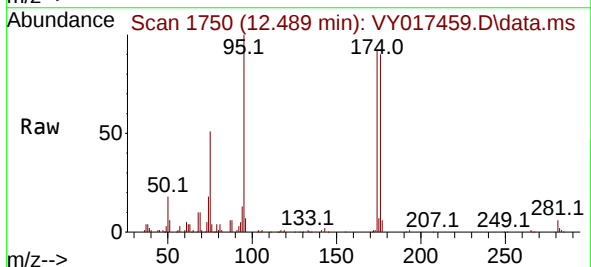
Instrument :
MSVOA_Y
ClientSampleId :
8

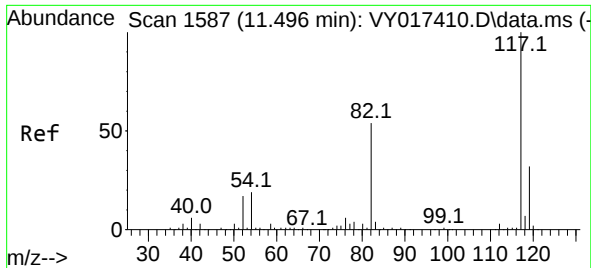
Tgt Ion: 98 Resp: 194849
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.667 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion: 95 Resp: 50488
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 89.0 0.0 171.4

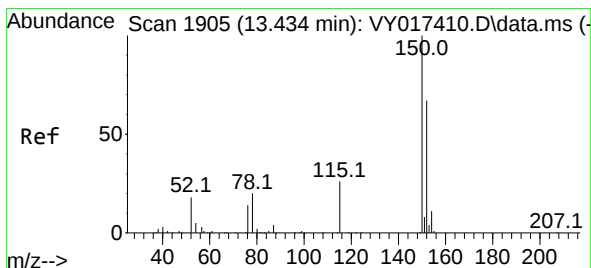
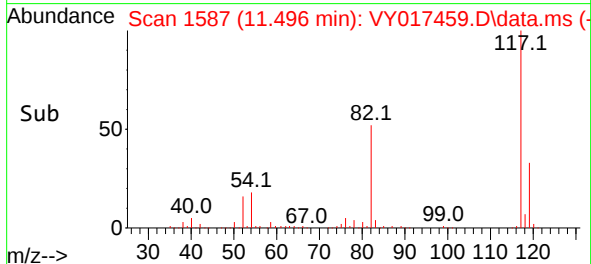
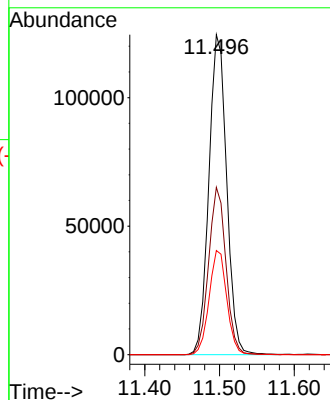
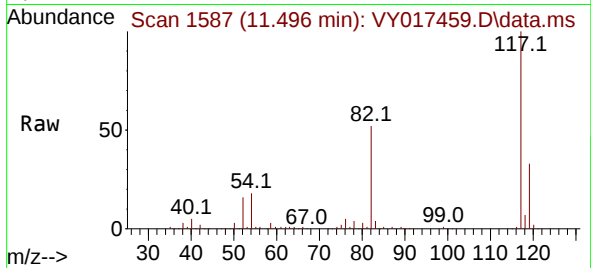




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
8

Tgt Ion:117 Resp: 206066
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017459.D
Acq: 22 Feb 2024 15:37

Tgt Ion:152 Resp: 69981
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 155.2 0.0 345.6

