

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017448.D
 Acq On : 21 Feb 2024 19:14
 Operator : SY/MD
 Sample : P1537-15
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15

Quant Time: Feb 22 03:42:33 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)

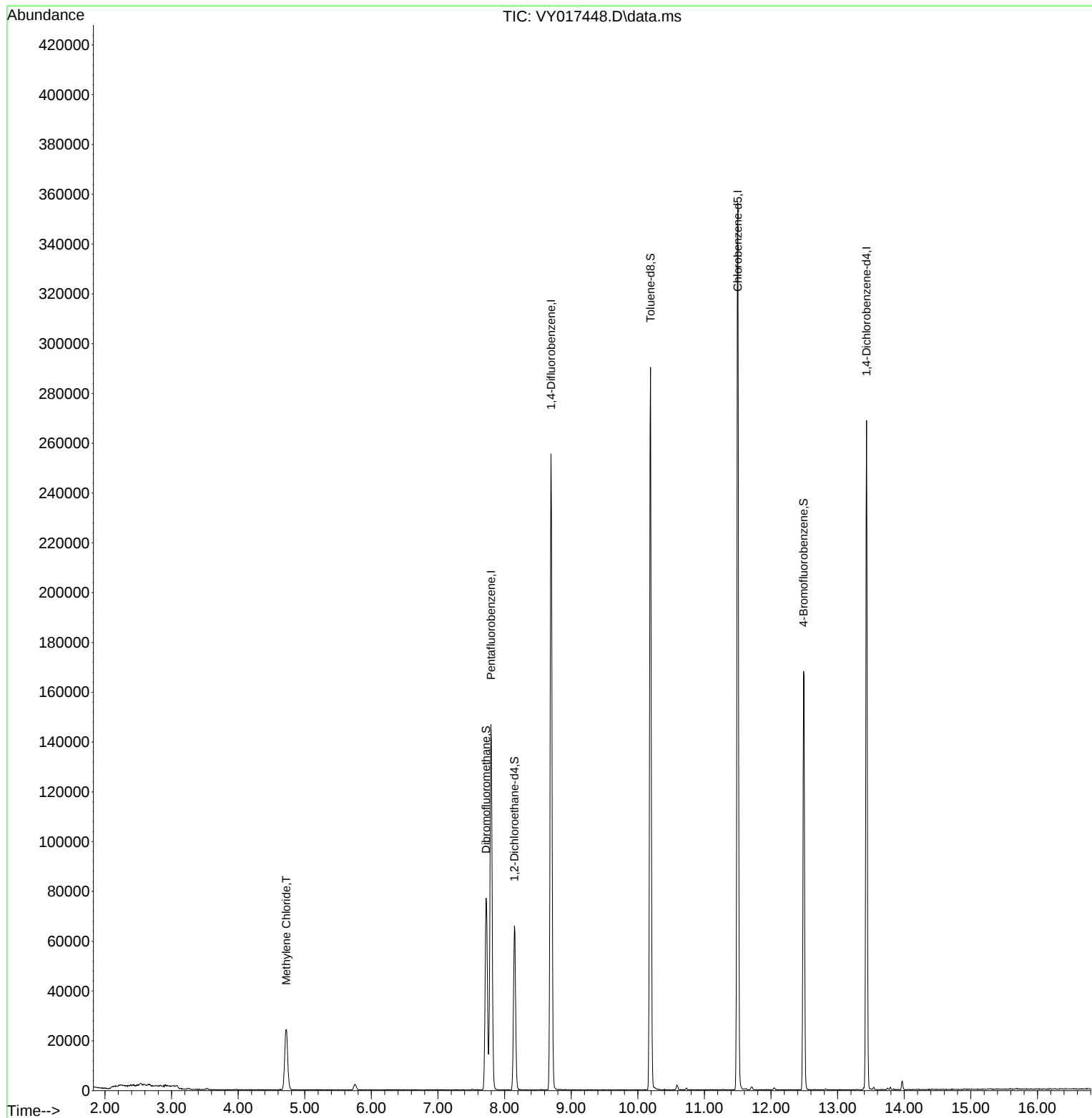
Internal Standards						
1) Pentafluorobenzene	7.795	168	124467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49188	46.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.520%
35) Dibromofluoromethane	7.722	113	56642	41.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.240%
50) Toluene-d8	10.191	98	196828	37.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.580%
62) 4-Bromofluorobenzene	12.489	95	51371	29.902	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.800%
Target Compounds						
20) Methylene Chloride	4.722	84	20446	9.546	ug/l	Qvalue 91

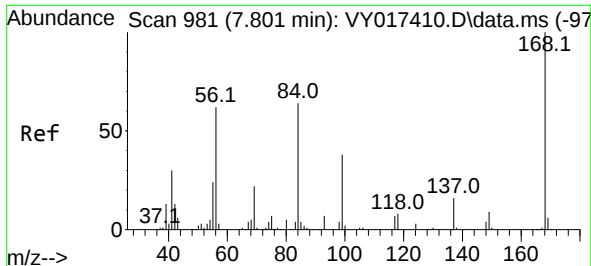
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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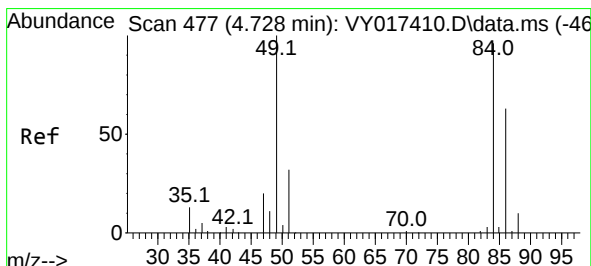
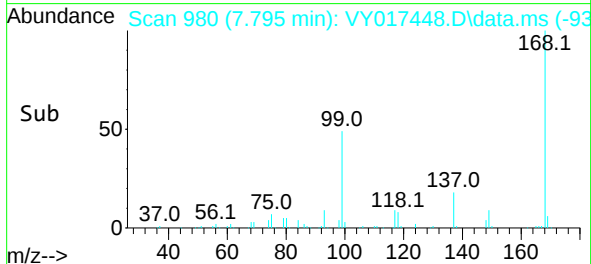
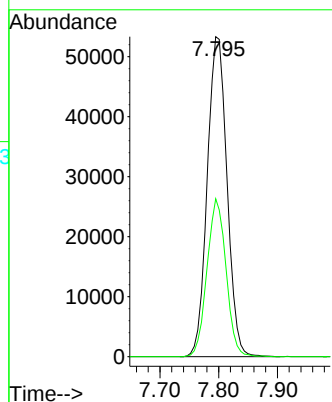
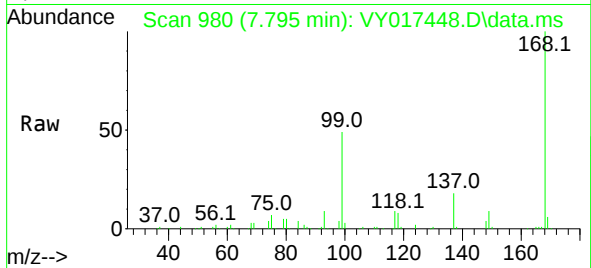




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 915
Delta R.T. -0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

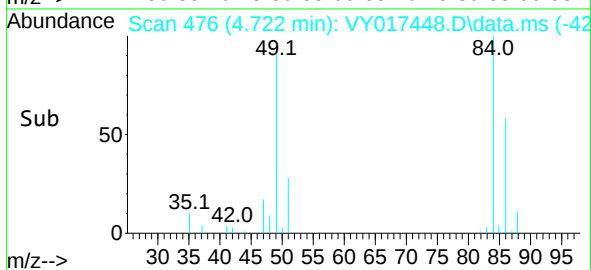
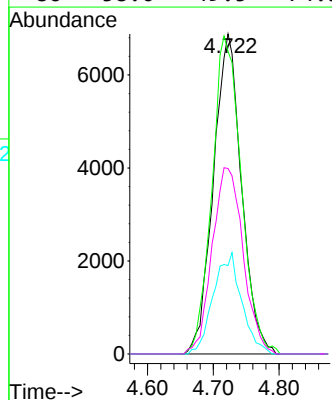
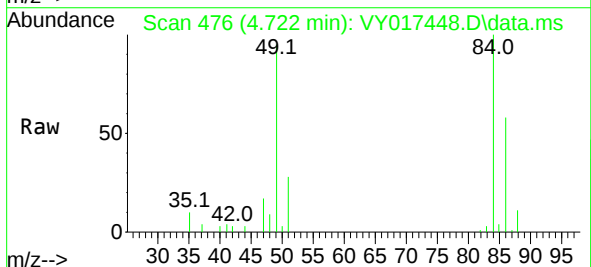
Instrument :
MSVOA_Y
ClientSampleId :
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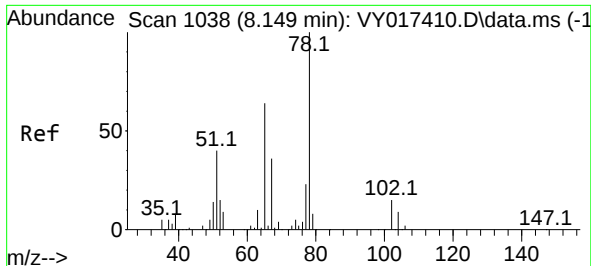
Tgt Ion:168 Resp: 124467
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#20
Methylene Chloride
Concen: 9.546 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion: 84 Resp: 20446
Ion Ratio Lower Upper
84 100
49 94.6 84.4 126.6
51 27.7 26.0 39.0
86 58.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 46.259 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY017448.D

Acq: 21 Feb 2024 19:14

Instrument :

MSVOA_Y

ClientSampleId :

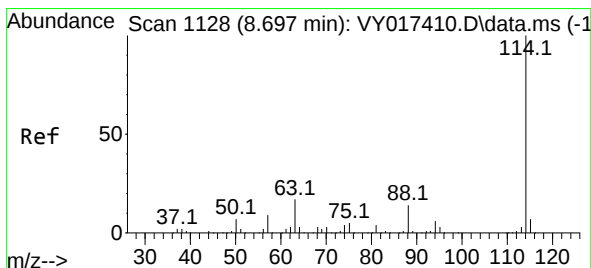
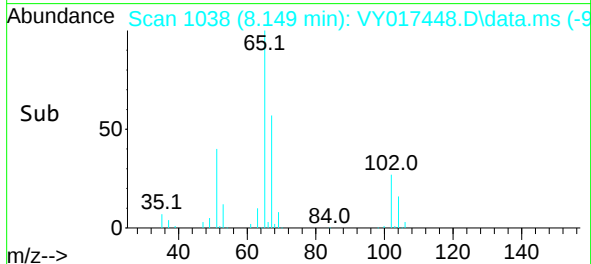
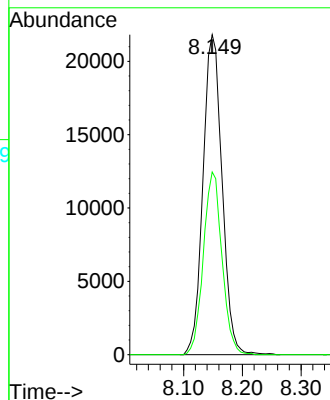
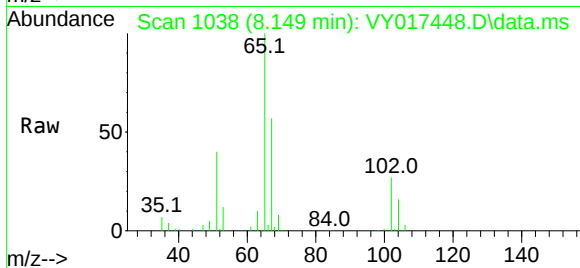
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Tgt Ion: 65 Resp: 49188

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY017448.D

Acq: 21 Feb 2024 19:14

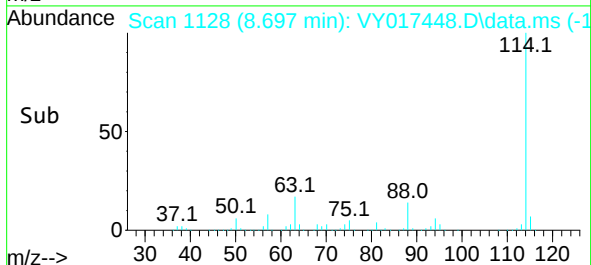
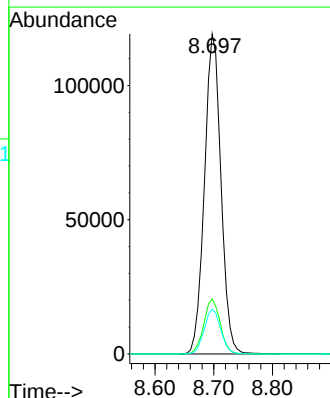
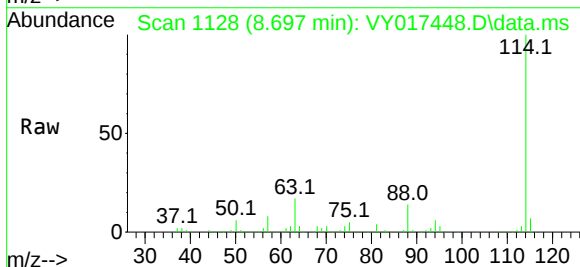
Tgt Ion: 114 Resp: 232490

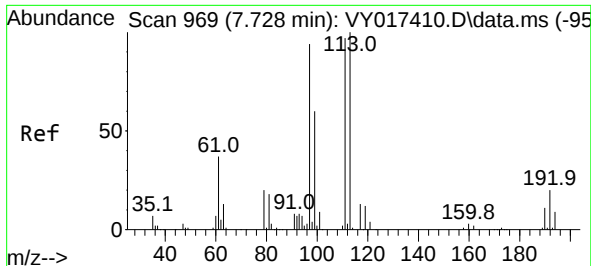
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.0 0.0 27.2

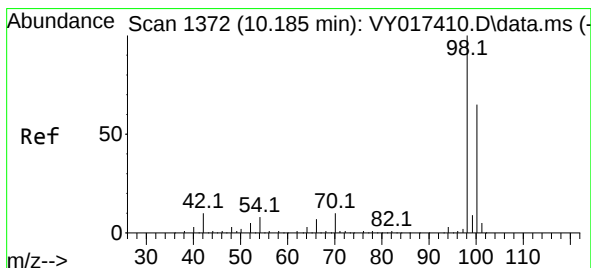
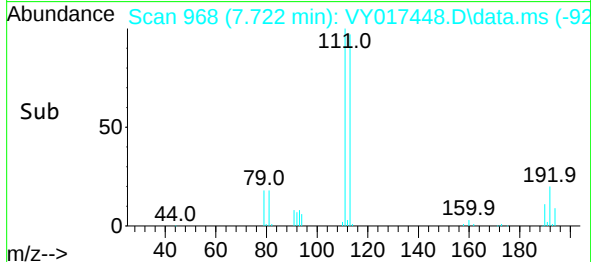
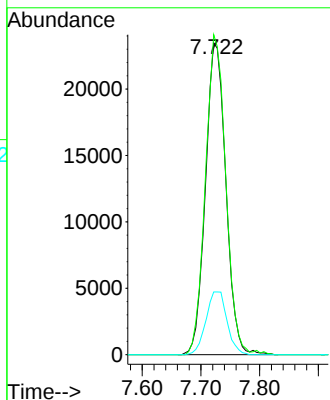
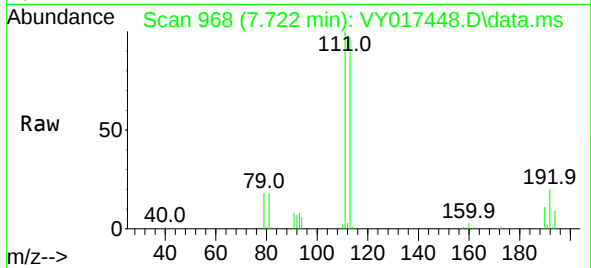




#35
Dibromofluoromethane
Concen: 41.621 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

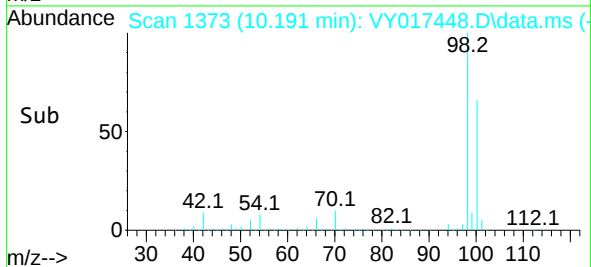
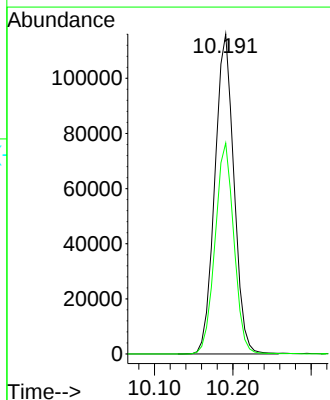
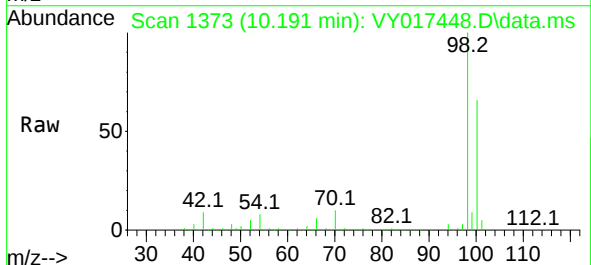
Instrument :
MSVOA_Y
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15

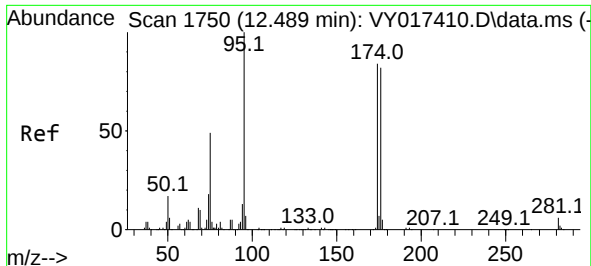
Tgt Ion:113 Resp: 56642
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.8 15.9 23.9



#50
Toluene-d8
Concen: 37.292 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion: 98 Resp: 196828
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

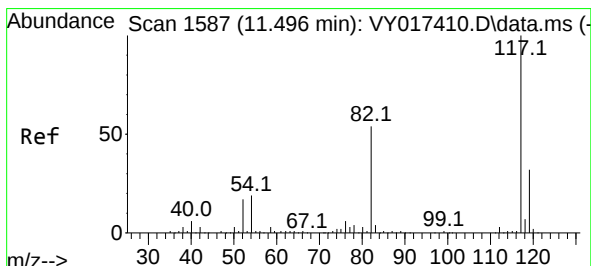
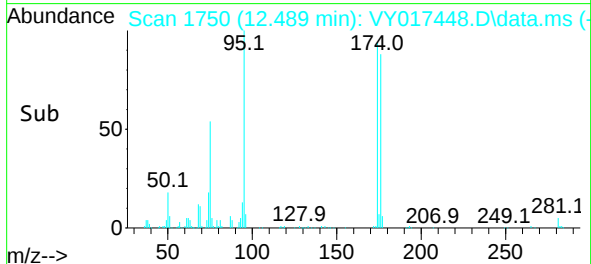
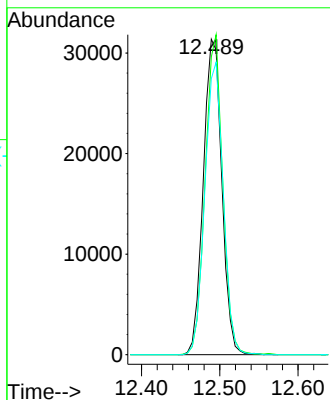
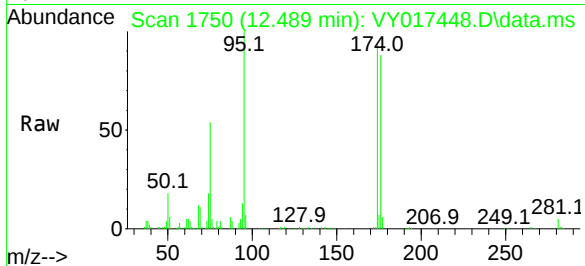




#62
4-Bromofluorobenzene
Concen: 29.902 ug/l
RT: 12.489 min Scan# 115
Delta R.T. 0.000 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

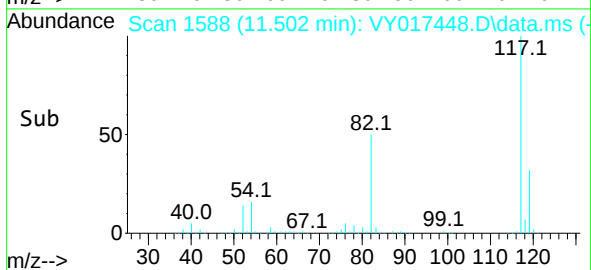
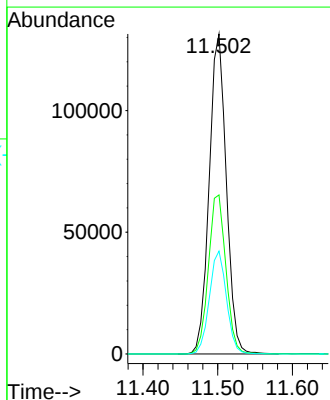
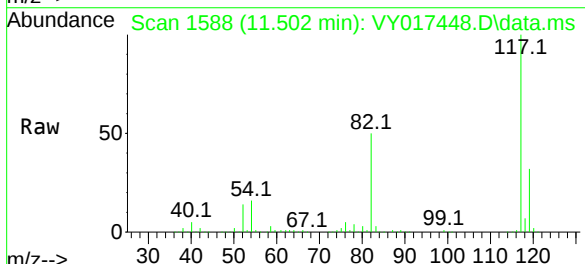
Instrument :
MSVOA_Y
ClientSampleId :
15

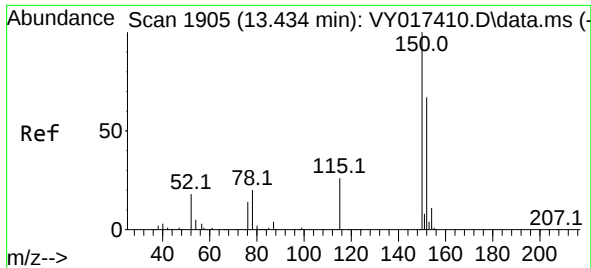
Tgt Ion:	95	Resp:	51371
Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	175.6
176	92.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017448.D
Acq: 21 Feb 2024 19:14

Tgt Ion:	117	Resp:	209071
Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.4	63.6
119	32.2	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY017448.D

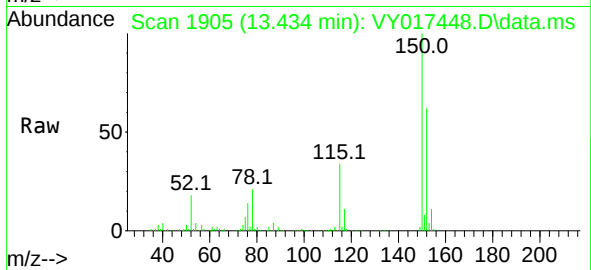
Acq: 21 Feb 2024 19:14

Instrument :

MSVOA_Y

ClientSampleId :

15



Tgt Ion:152 Resp: 72662

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 158.3 0.0 345.6

