

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017444.D
 Acq On : 21 Feb 2024 17:39
 Operator : SY/MD
 Sample : P1537-11
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Feb 22 03:41:03 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)

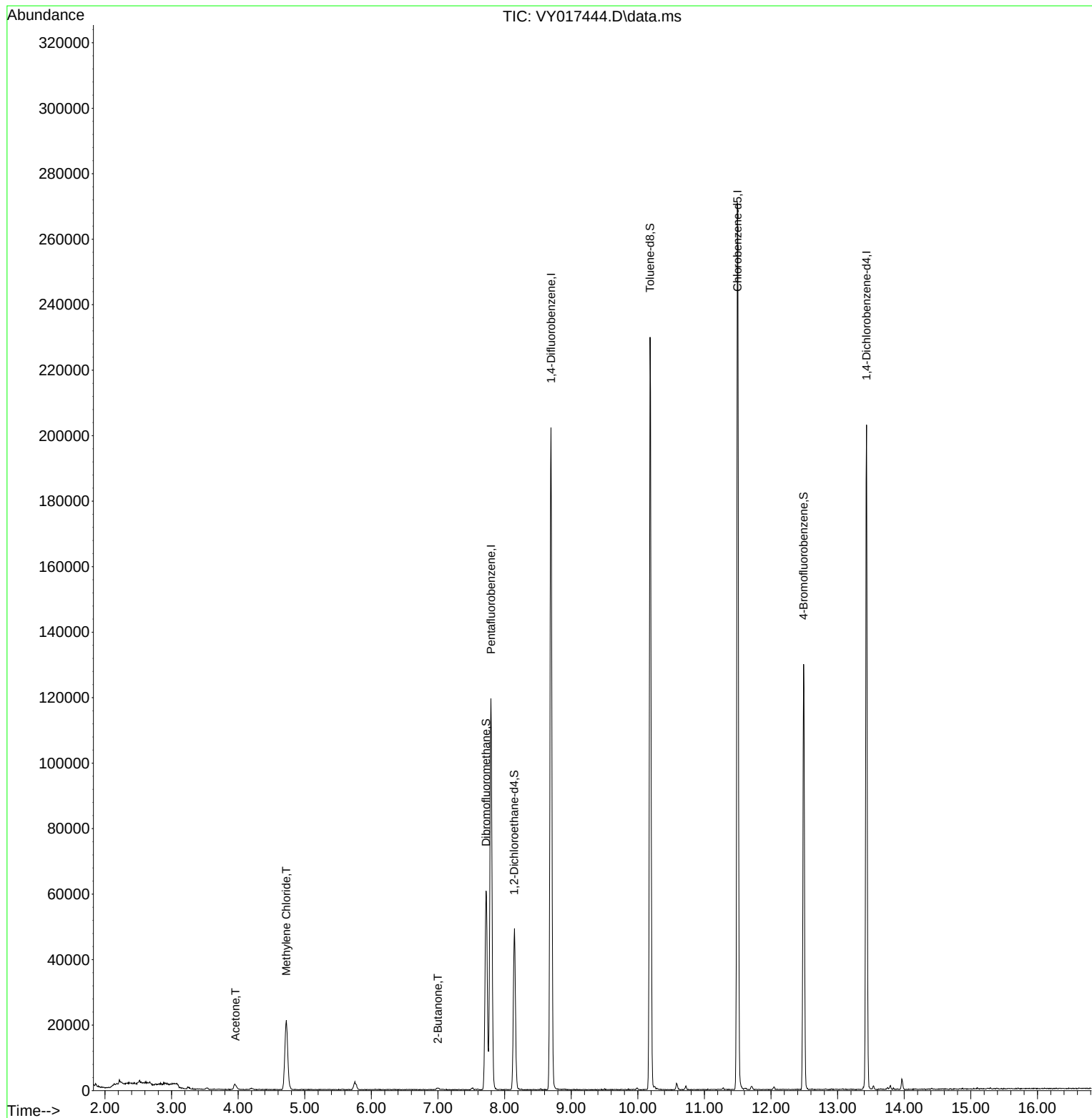
Internal Standards						
1) Pentafluorobenzene	7.795	168	98825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	54912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37590	44.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.040%
35) Dibromofluoromethane	7.722	113	44576	41.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.860%
50) Toluene-d8	10.185	98	155810	37.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.680%
62) 4-Bromofluorobenzene	12.489	95	39037	28.810	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.620%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3113	17.026	ug/l	94
20) Methylene Chloride	4.722	84	17174	10.498	ug/l	96
25) 2-Butanone	6.996	43	1039	4.048	ug/l #	86

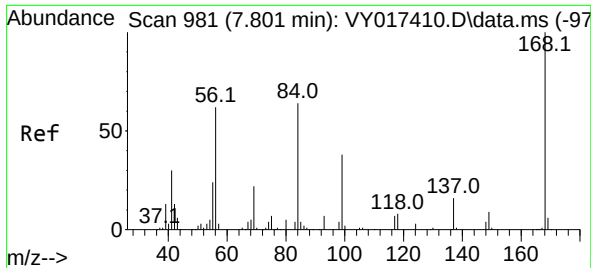
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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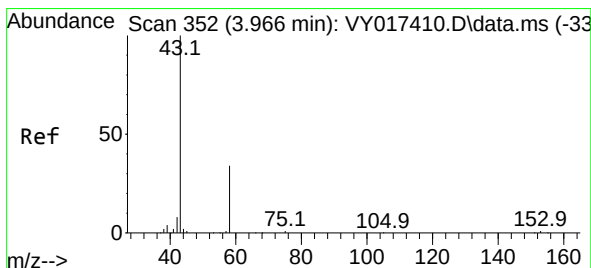
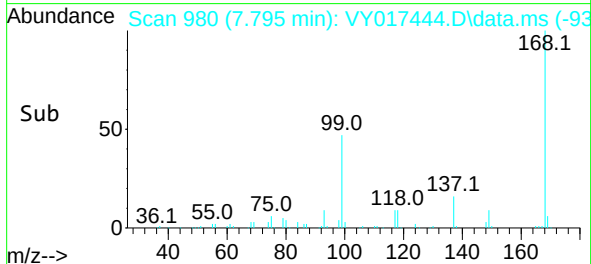
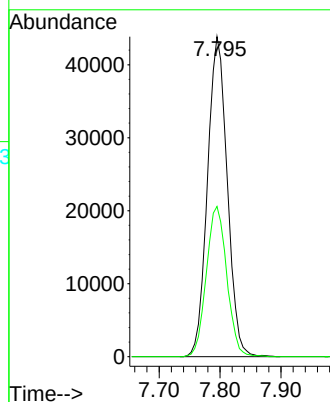
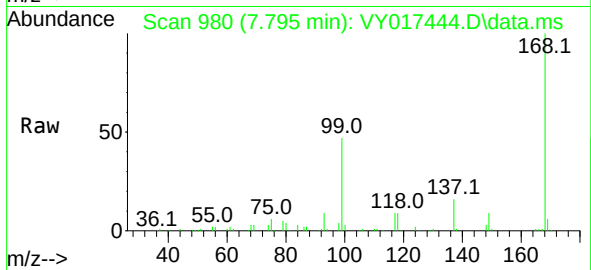




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

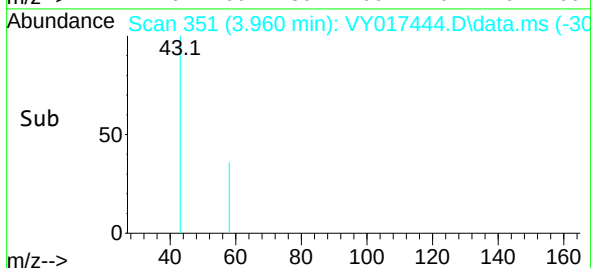
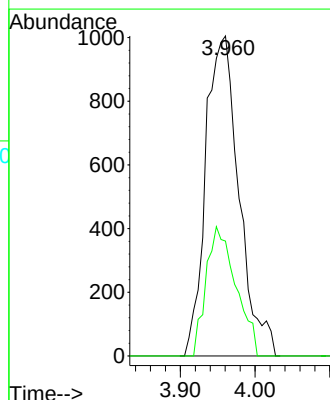
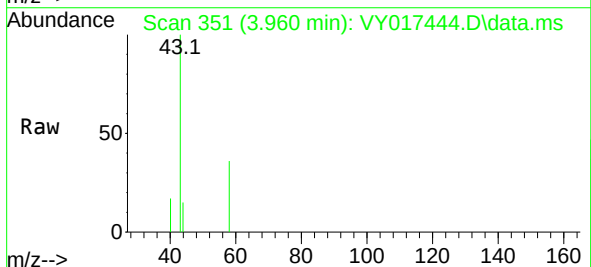
Instrument :
MSVOA_Y
ClientSampleId :
11

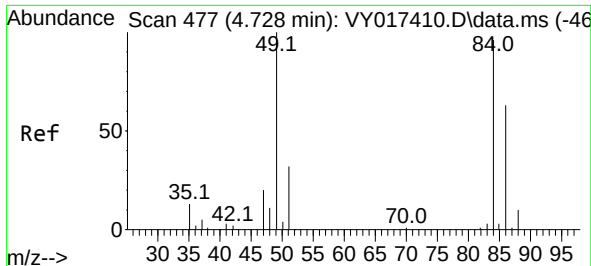
Tgt Ion:168 Resp: 98825
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 17.026 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

Tgt Ion: 43 Resp: 3113
Ion Ratio Lower Upper
43 100
58 35.9 31.7 47.5

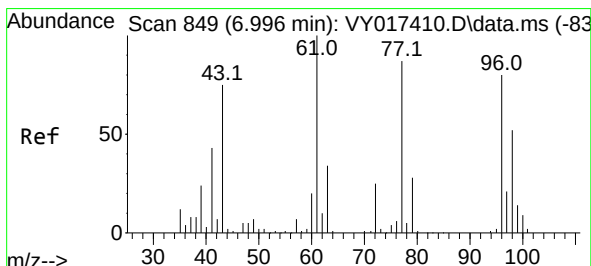
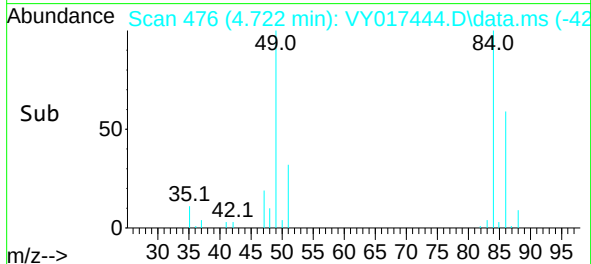
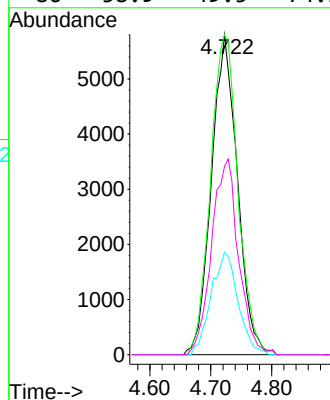
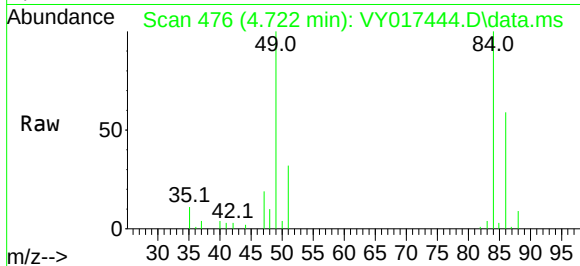




#20
Methylene Chloride
Concen: 10.498 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

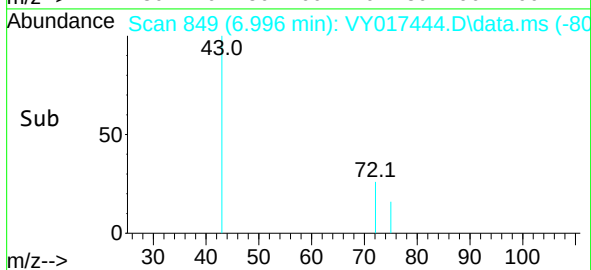
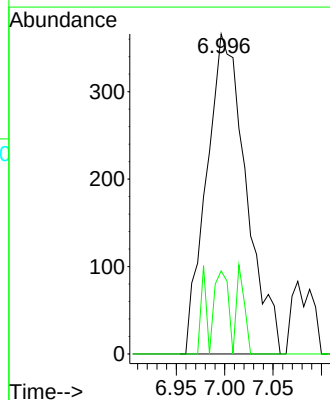
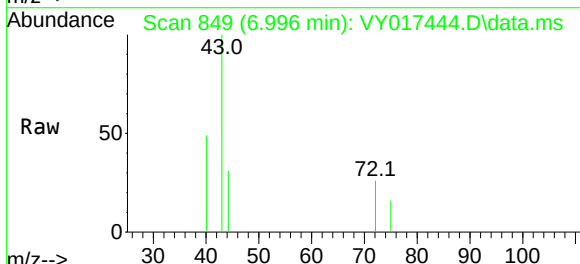
Instrument :
MSVOA_Y
ClientSampleId :
11

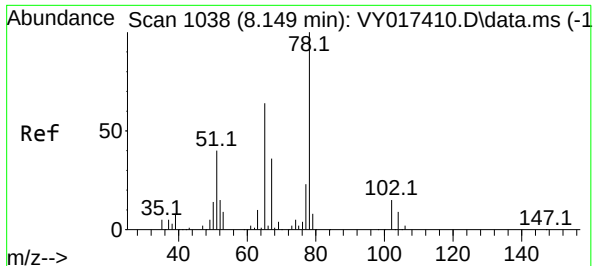
Tgt Ion: 84	Resp: 17174		
Ion	Ratio	Lower	Upper
84	100		
49	100.1	84.4	126.6
51	32.1	26.0	39.0
86	58.9	49.5	74.3



#25
2-Butanone
Concen: 4.048 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

Tgt Ion: 43	Resp: 1039		
Ion Ratio	Lower	Upper	
43 100			
72 26.0	27.3	40.9#	





#33

1,2-Dichloroethane-d4

Concen: 44.525 ug/l

RT: 8.143 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017444.D

Acq: 21 Feb 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

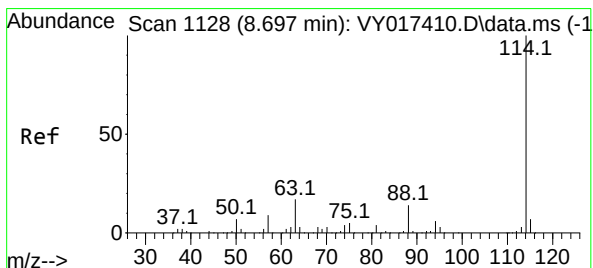
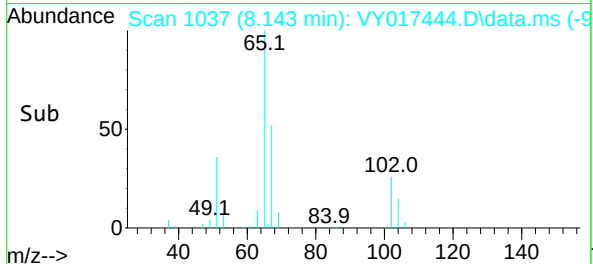
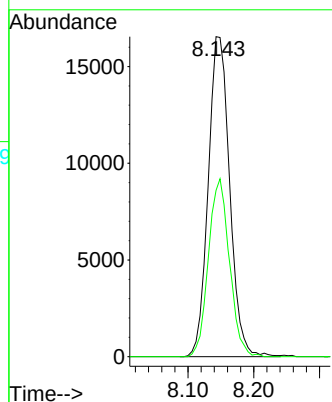
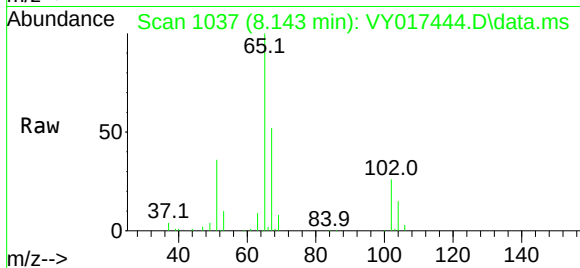
11

Tgt Ion: 65 Resp: 37590

Ion Ratio Lower Upper

65 100

67 54.3 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: VY017444.D

Acq: 21 Feb 2024 17:39

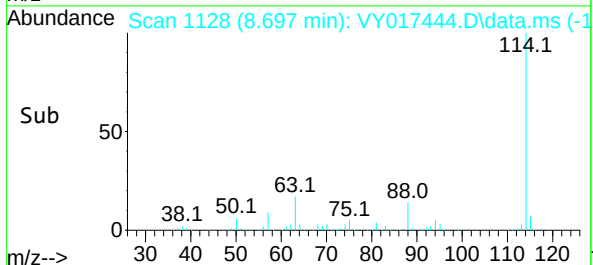
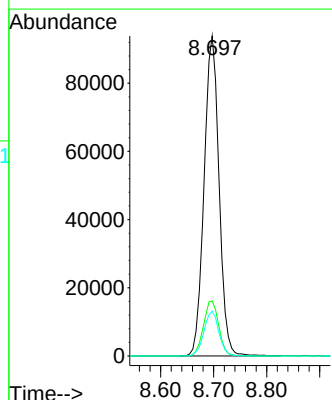
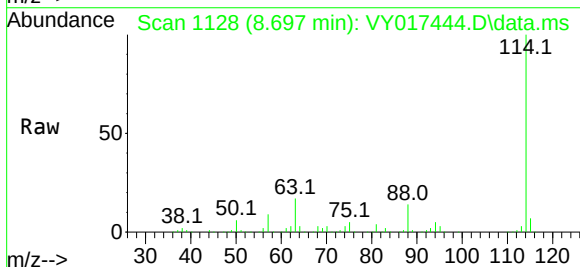
Tgt Ion: 114 Resp: 183792

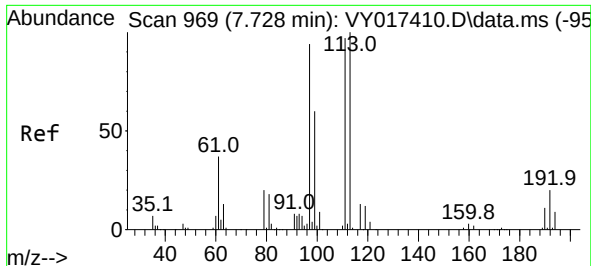
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.9 0.0 27.2

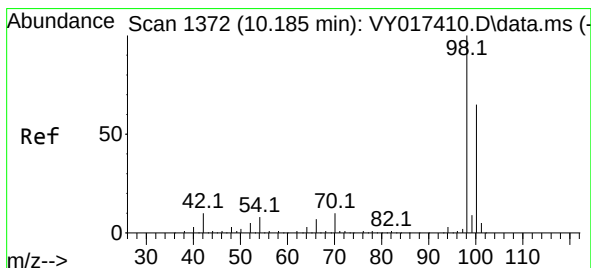
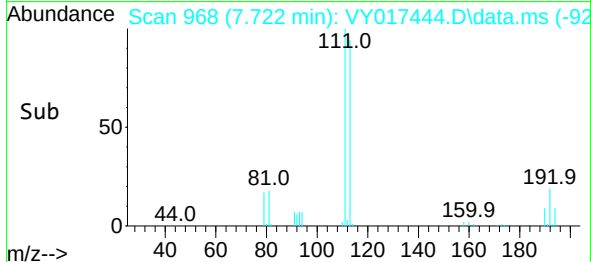
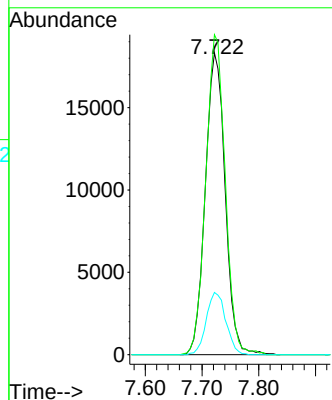
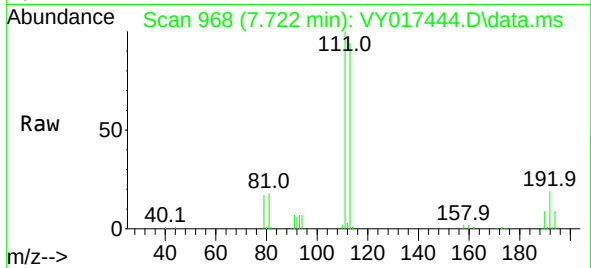




#35
Dibromofluoromethane
Concen: 41.433 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

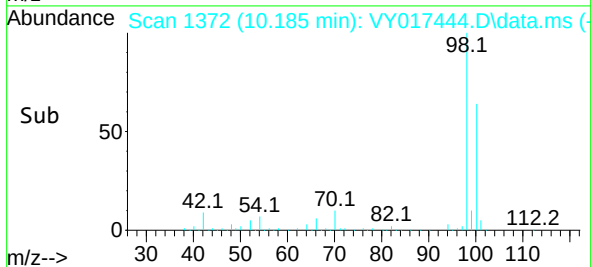
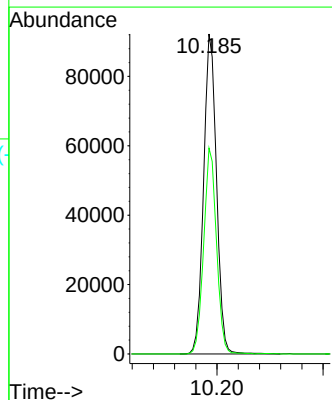
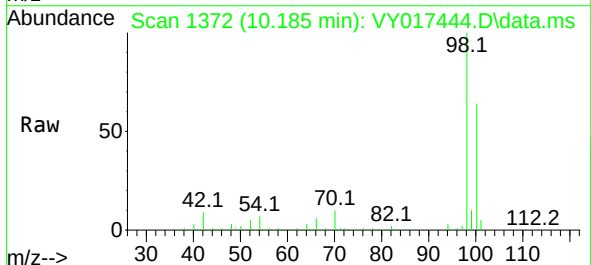
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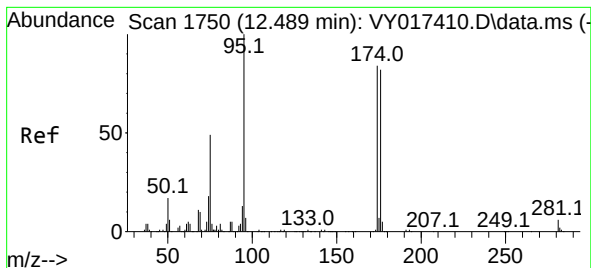
Tgt Ion:113 Resp: 44576
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 37.342 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

Tgt Ion: 98 Resp: 155810
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

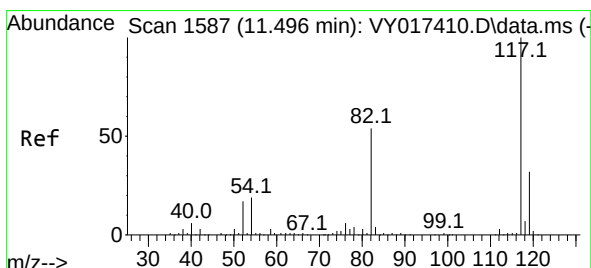
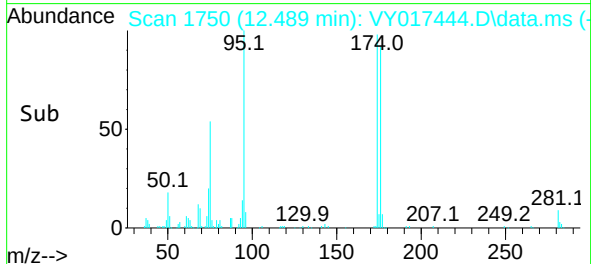
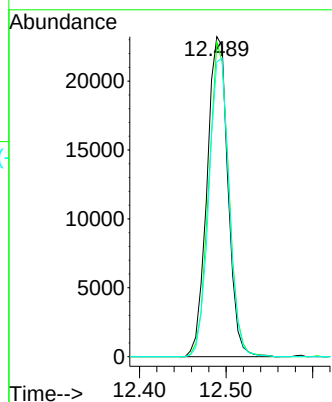
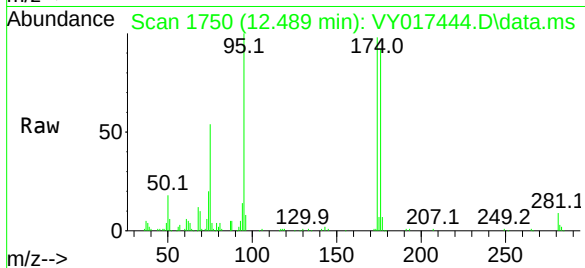




#62
4-Bromofluorobenzene
Concen: 28.810 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

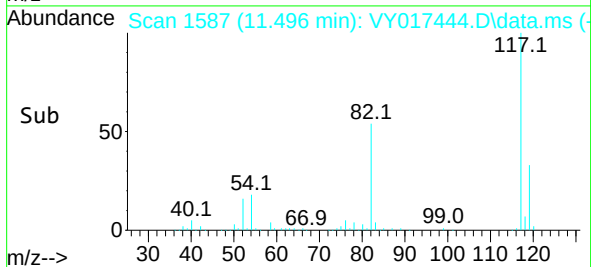
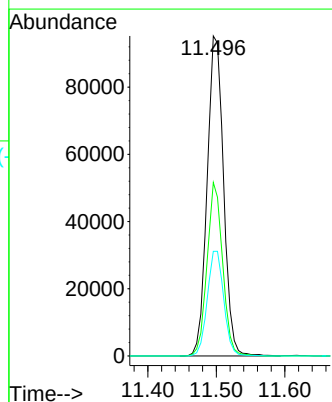
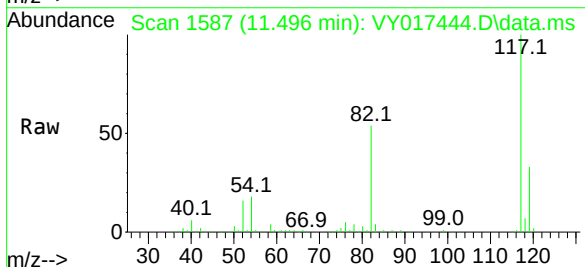
Instrument :
MSVOA_Y
ClientSampleId :
11

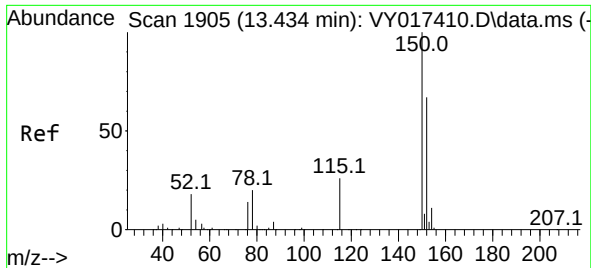
Tgt Ion: 95 Resp: 39037
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 90.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017444.D
Acq: 21 Feb 2024 17:39

Tgt Ion: 117 Resp: 158921
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 32.7 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: VY017444.D

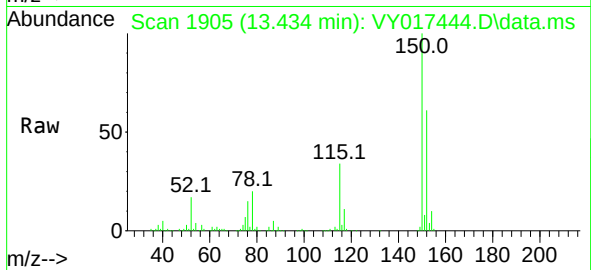
Acq: 21 Feb 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

11



Tgt Ion:152 Resp: 54912

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 158.1 0.0 345.6

