

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017751.D
 Acq On : 25 Mar 2024 12:37
 Operator : SY/MD
 Sample : P1847-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-032224

Quant Time: Mar 26 03:34:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

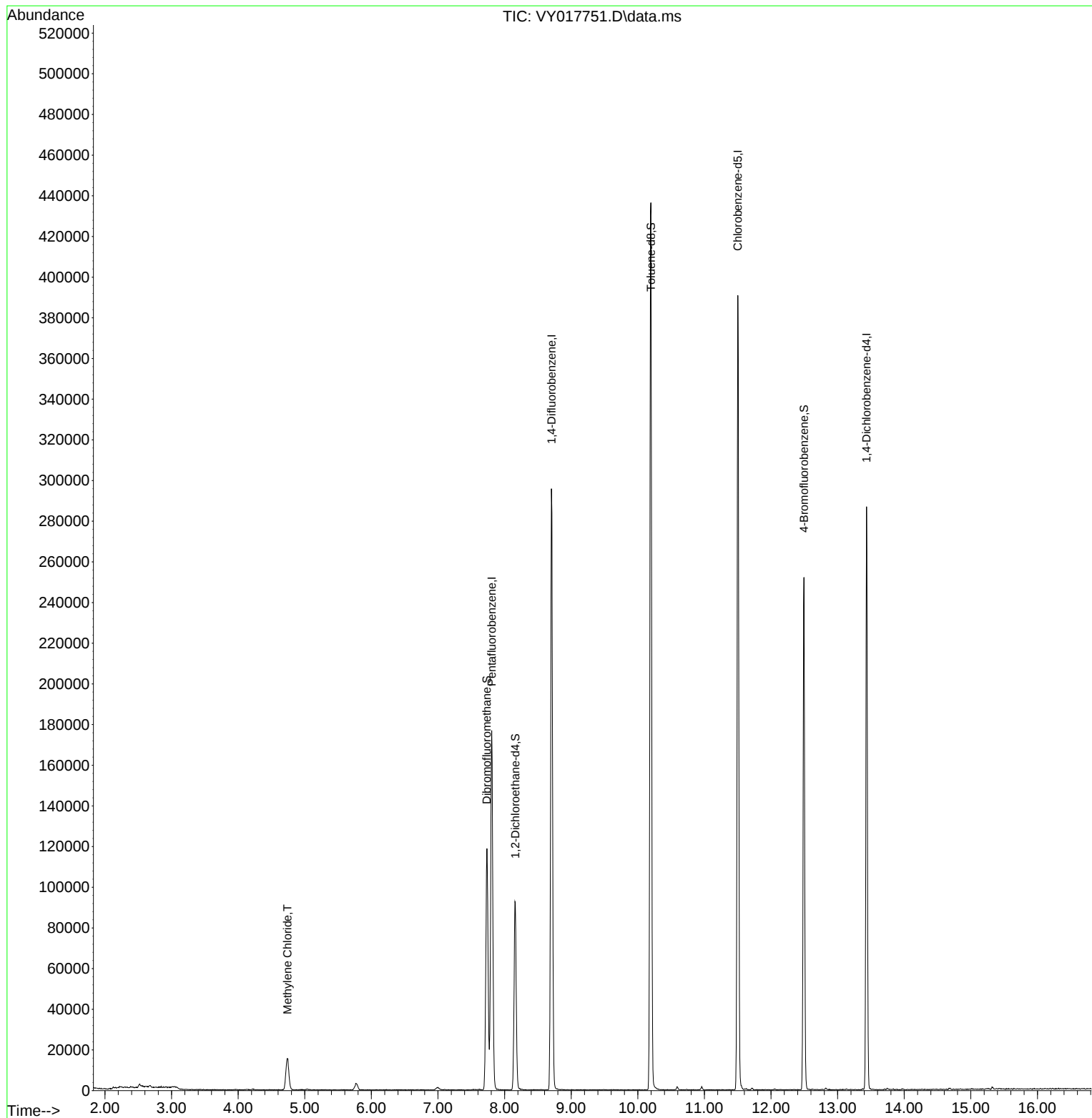
Internal Standards						
1) Pentafluorobenzene	7.807	168	143386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	264214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	224526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73077	58.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.000%
35) Dibromofluoromethane	7.734	113	84528	53.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.040%
50) Toluene-d8	10.197	98	300623	49.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.495	95	76833	42.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.660%
Target Compounds						
20) Methylene Chloride	4.741	84	12727	8.009	ug/l	96

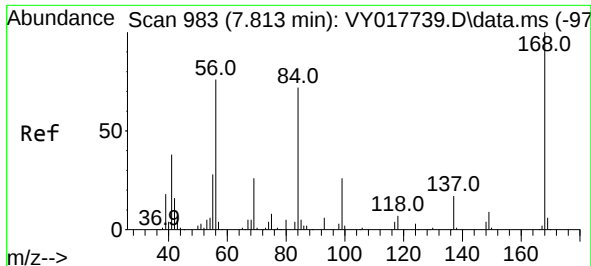
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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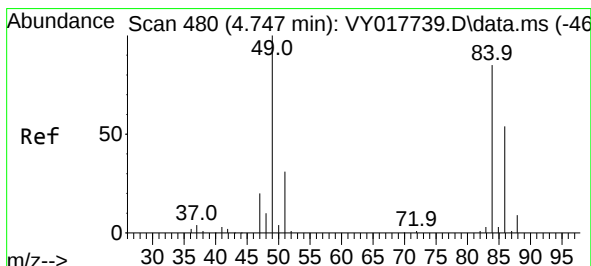
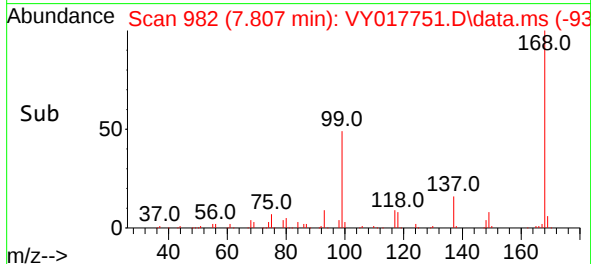
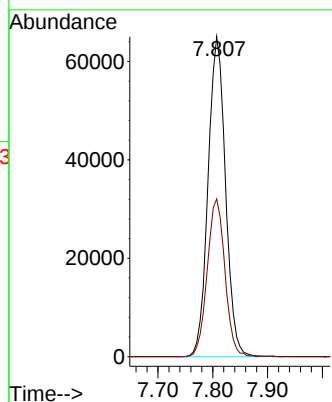
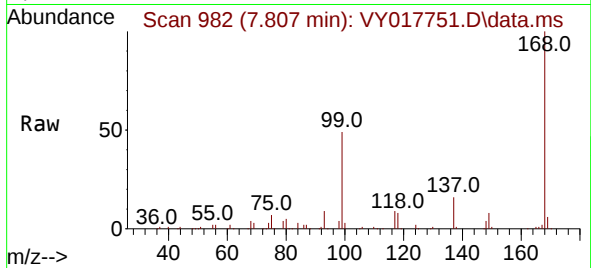




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017751.D
Acq: 25 Mar 2024 12:37

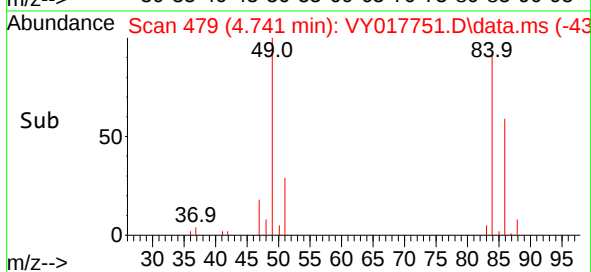
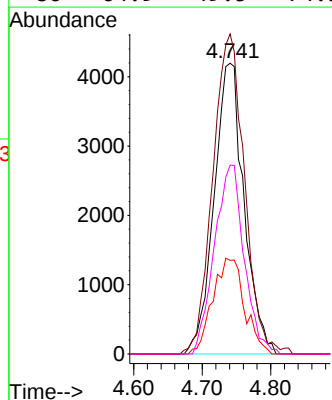
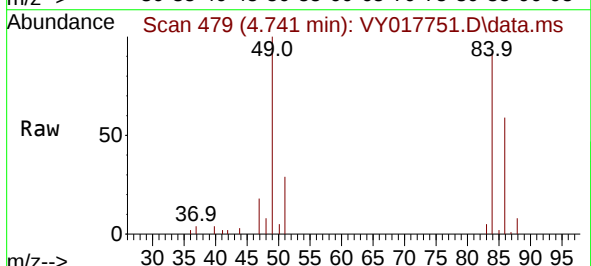
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-032224

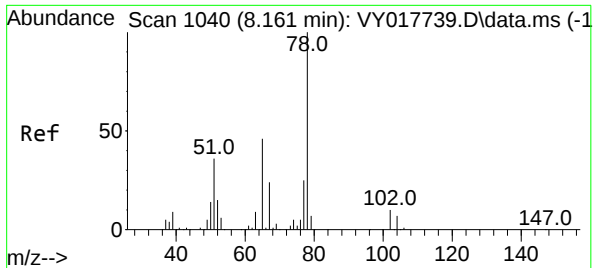
Tgt Ion:168 Resp: 143386
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#20
Methylene Chloride
Concen: 8.009 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.006 min
Lab File: VY017751.D
Acq: 25 Mar 2024 12:37

Tgt Ion: 84 Resp: 12727
Ion Ratio Lower Upper
84 100
49 110.1 84.4 126.6
51 32.2 26.0 39.0
86 64.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.501 ug/l

RT: 8.161 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY017751.D

Acq: 25 Mar 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

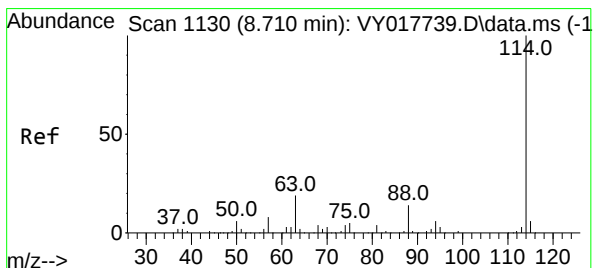
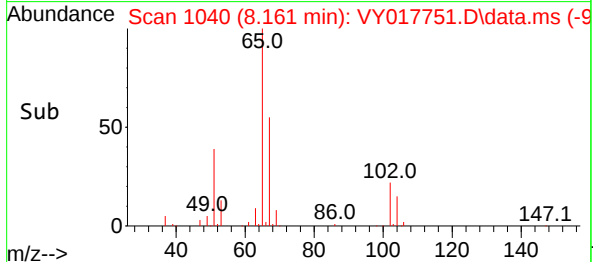
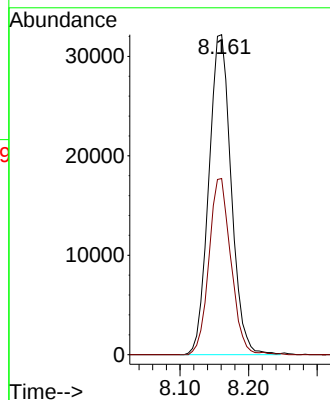
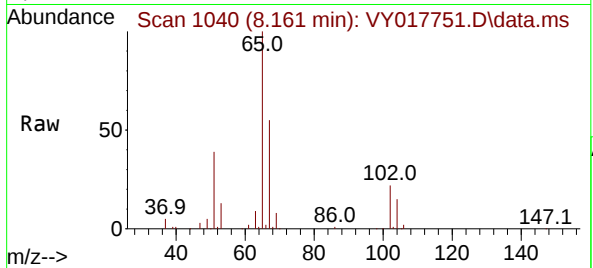
SU-02-032224

Tgt Ion: 65 Resp: 73077

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017751.D

Acq: 25 Mar 2024 12:37

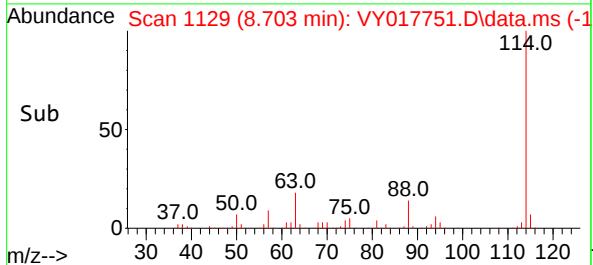
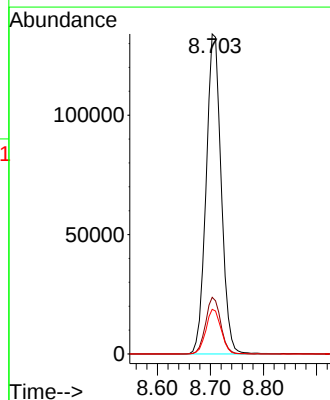
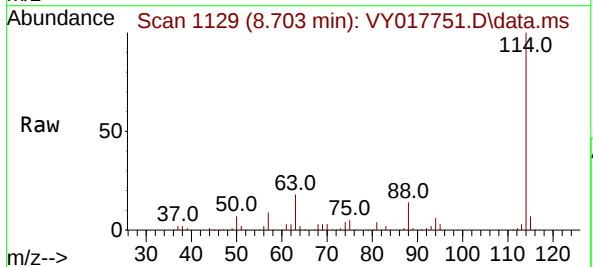
Tgt Ion:114 Resp: 264214

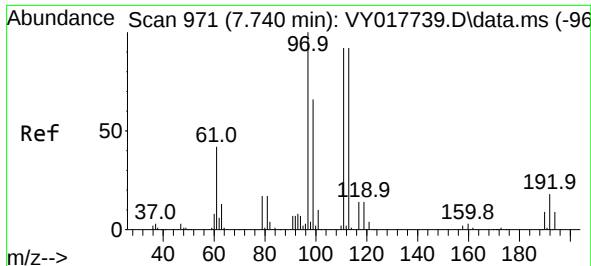
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

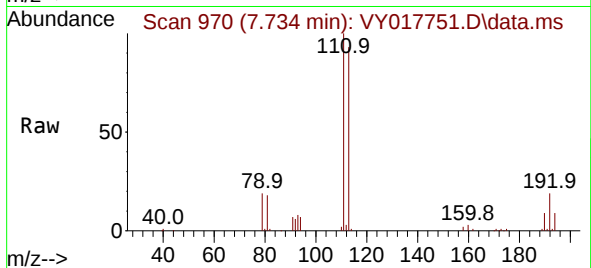
88 13.9 0.0 27.2



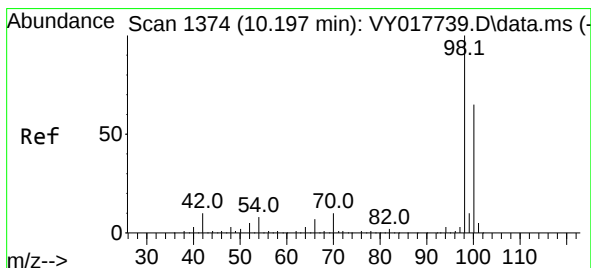
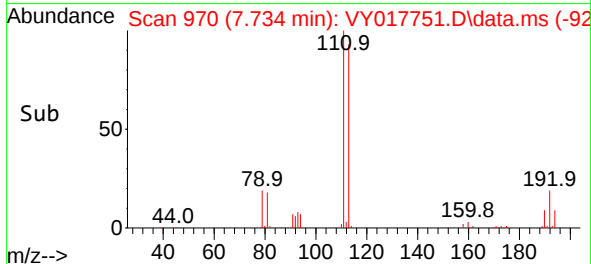
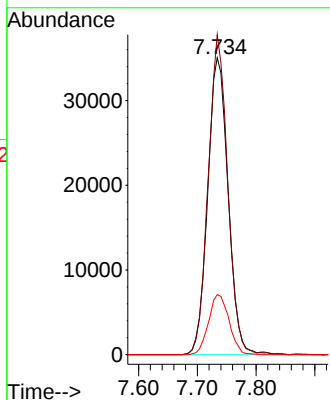


#35
Dibromofluoromethane
Concen: 53.521 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017751.D
Acq: 25 Mar 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-032224

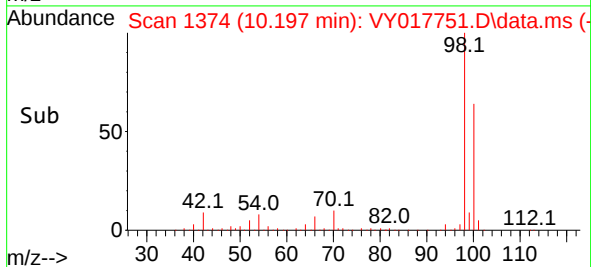
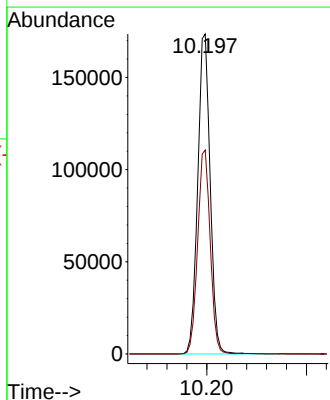
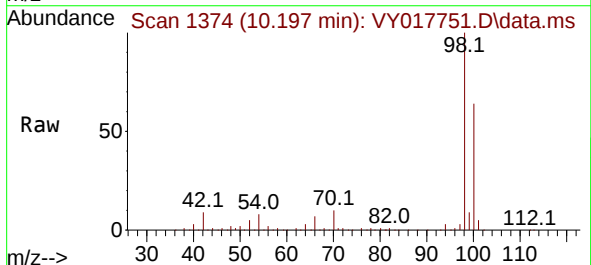


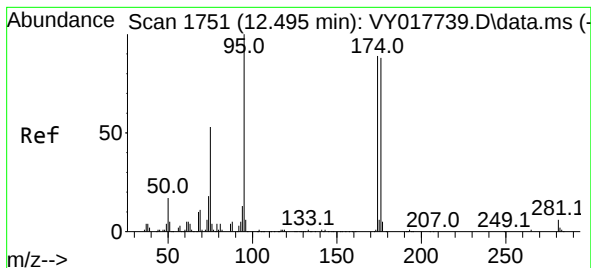
Tgt Ion:113 Resp: 84528
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.4 15.9 23.9



#50
Toluene-d8
Concen: 49.734 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. -0.000 min
Lab File: VY017751.D
Acq: 25 Mar 2024 12:37

Tgt Ion: 98 Resp: 300623
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

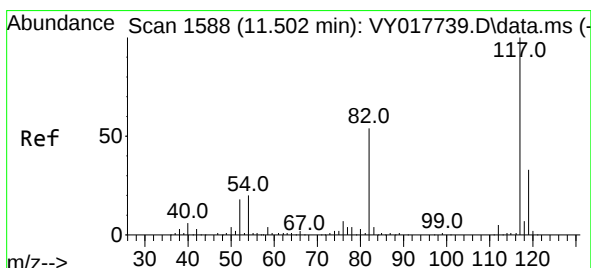
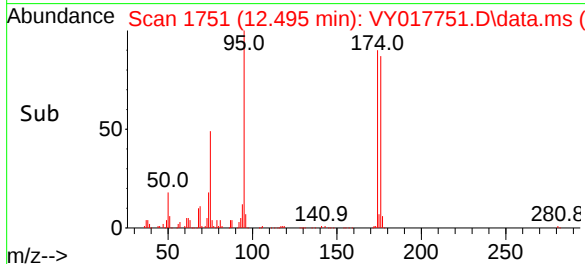
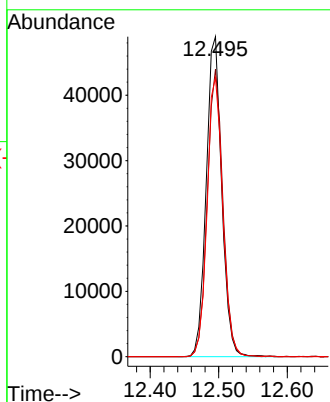
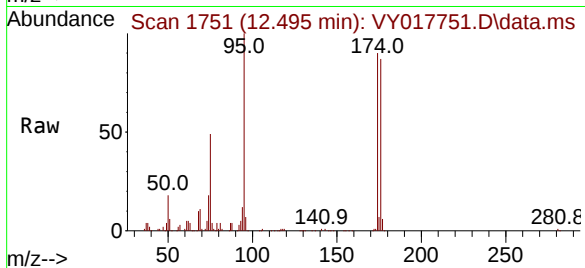




#62
4-Bromofluorobenzene
Concen: 42.331 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017751.D
Acq: 25 Mar 2024 12:37

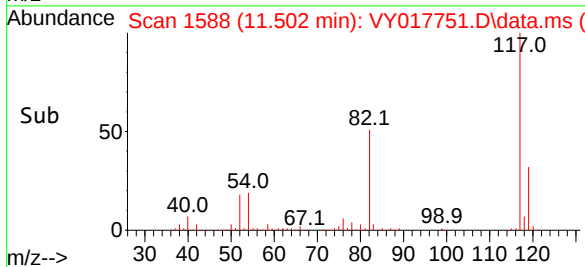
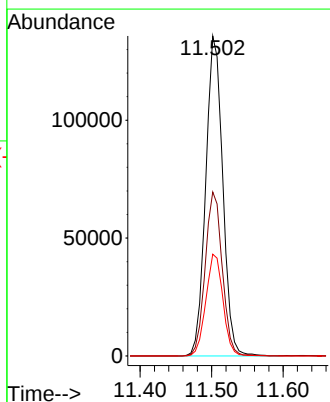
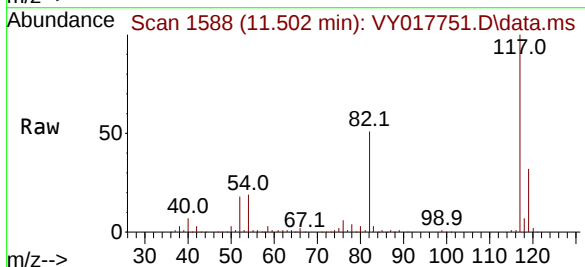
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-032224

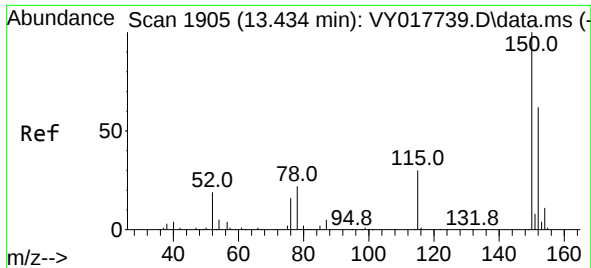
Tgt Ion: 95 Resp: 76833
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 88.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017751.D
Acq: 25 Mar 2024 12:37

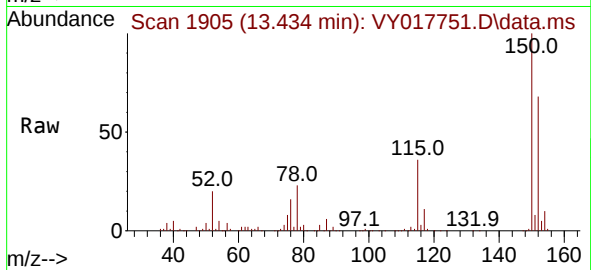
Tgt Ion: 117 Resp: 224526
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY017751.D
 Acq: 25 Mar 2024 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-032224



Tgt Ion:	152	Resp:	77274
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	156.5	0.0	345.6

