

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017715.D
 Acq On : 19 Mar 2024 18:30
 Operator : SY/MD
 Sample : P1801-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-031924

Quant Time: Mar 20 03:05:15 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)

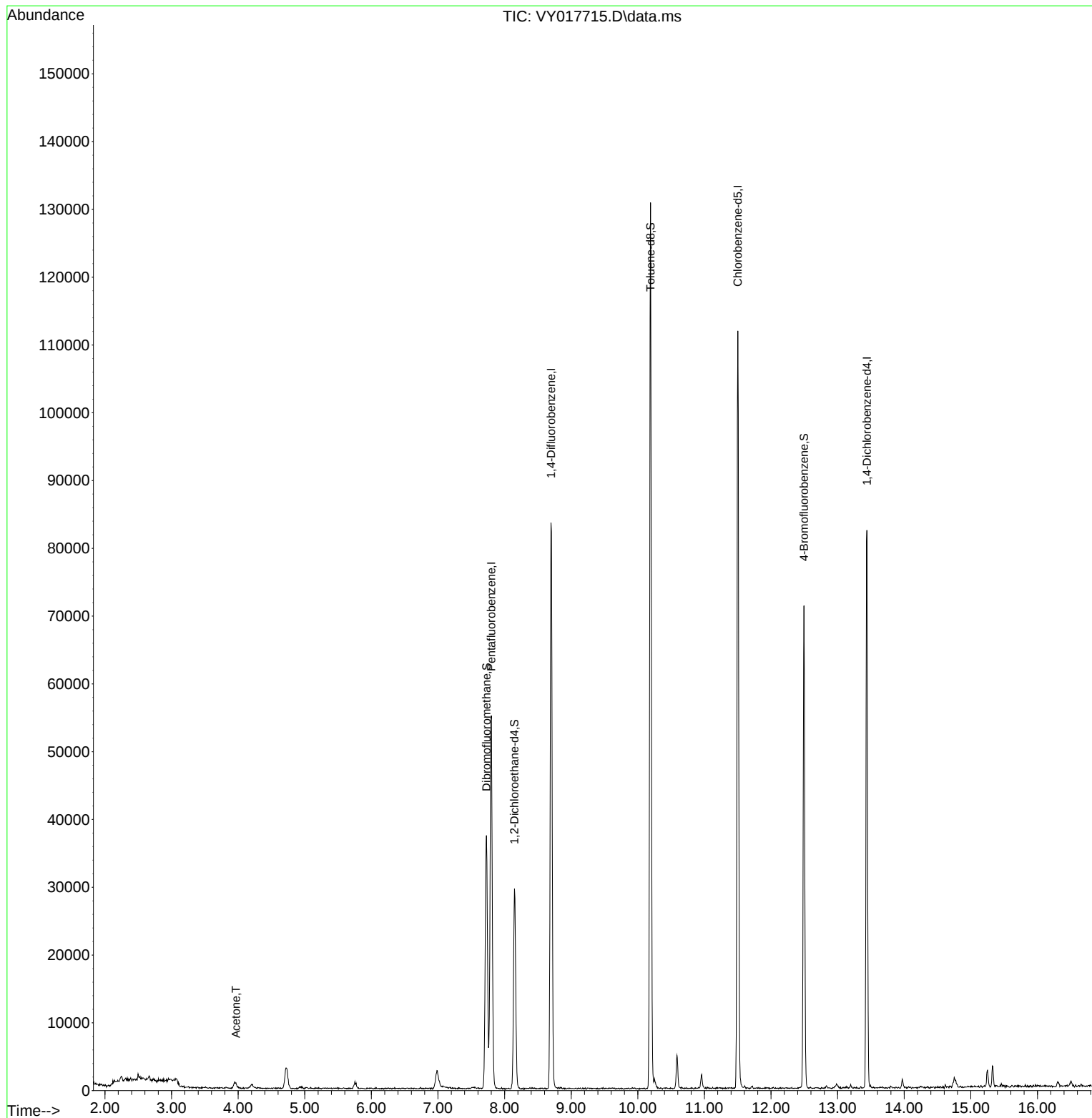
Internal Standards						
1) Pentafluorobenzene	7.801	168	47305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	77911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	69673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	23913	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	22866	51.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.000%	
35) Dibromofluoromethane	7.728	113	28096	51.751	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.191	98	88642	46.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.400%	
62) 4-Bromofluorobenzene	12.495	95	21349	35.787	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.580%	
Target Compounds						Qvalue
16) Acetone	3.966	43	1690	19.435	ug/l	90

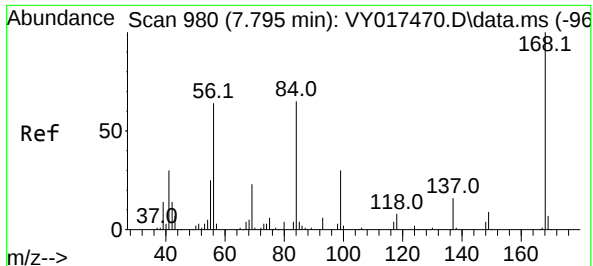
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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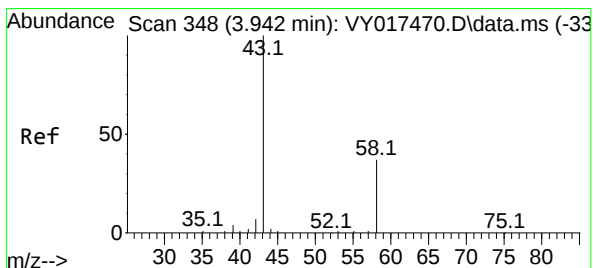
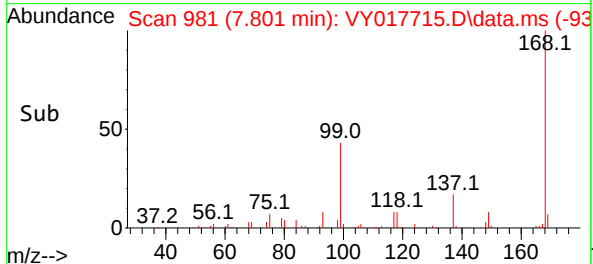
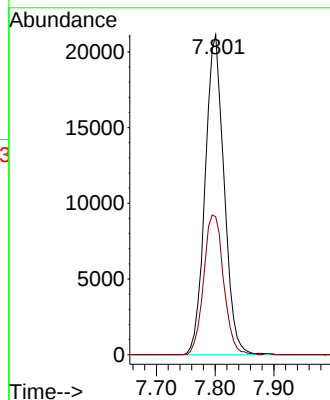
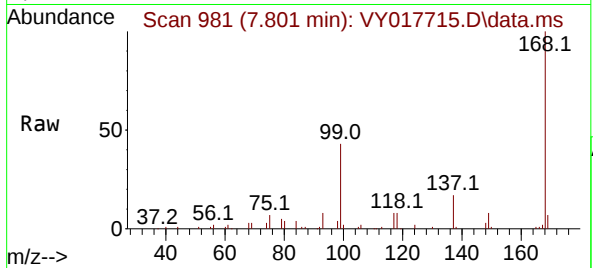




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

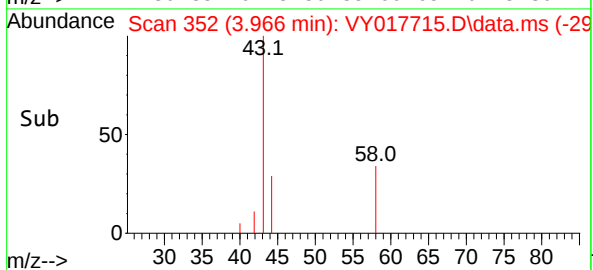
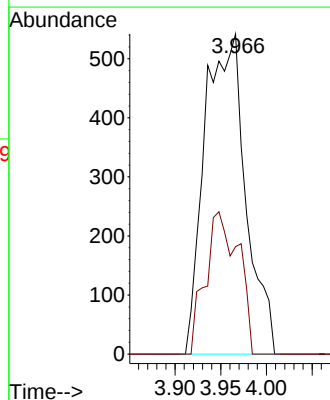
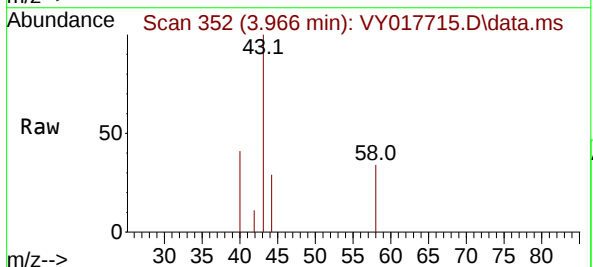
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031924

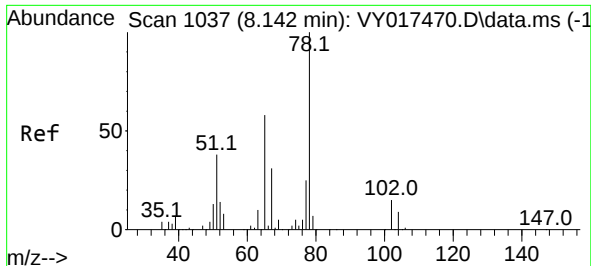
Tgt Ion:168 Resp: 47305
Ion Ratio Lower Upper
168 100
99 43.1 39.1 58.7



#16
Acetone
Concen: 19.435 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 51.003 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

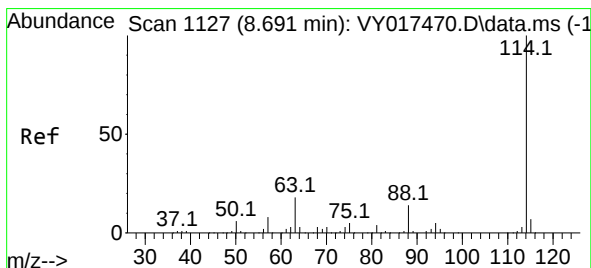
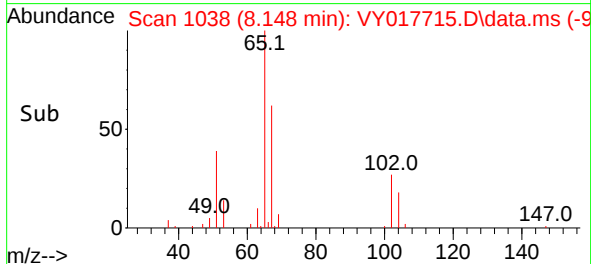
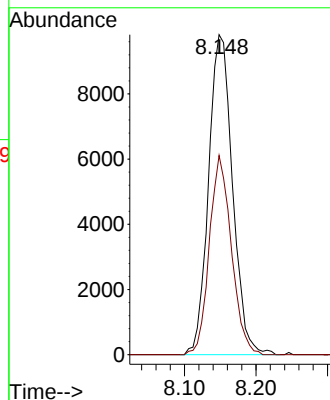
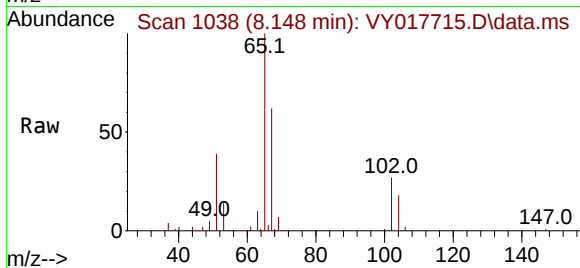
OR-03-031924

Tgt Ion: 65 Resp: 22866

Ion Ratio Lower Upper

65 100

67 57.1 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: VY017715.D

Acq: 19 Mar 2024 18:30

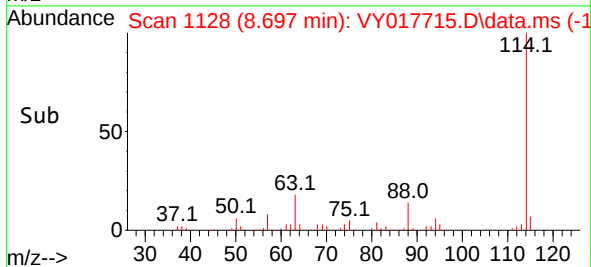
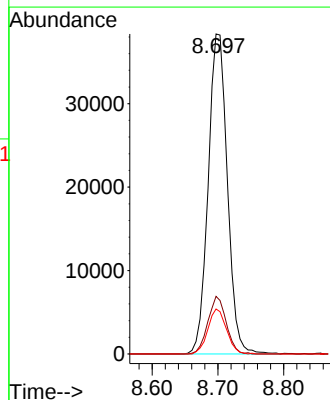
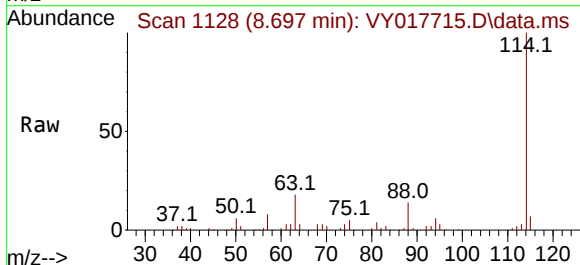
Tgt Ion: 114 Resp: 77911

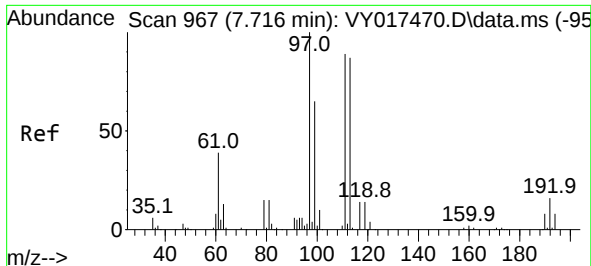
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.1 0.0 27.2

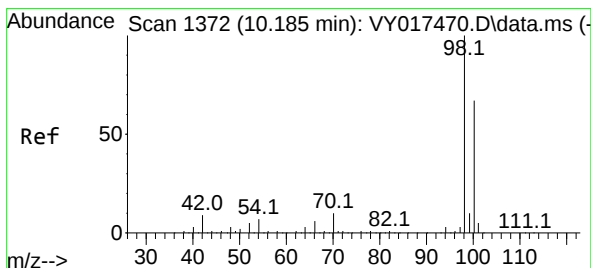
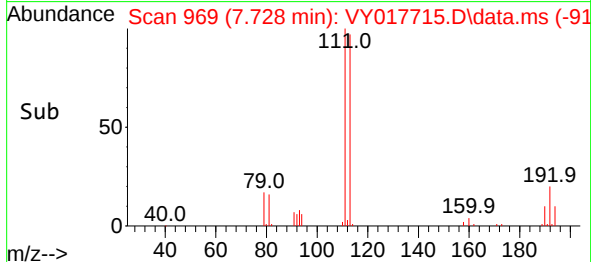
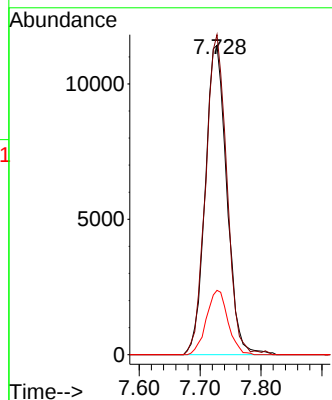
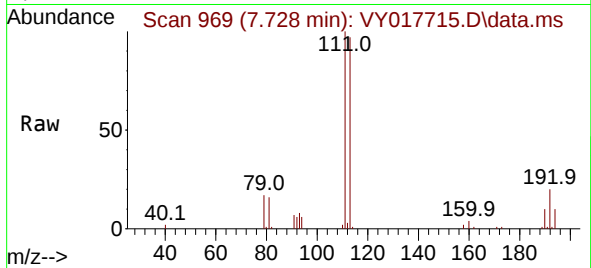




#35
 Dibromofluoromethane
 Concen: 51.751 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY017715.D
 Acq: 19 Mar 2024 18:30

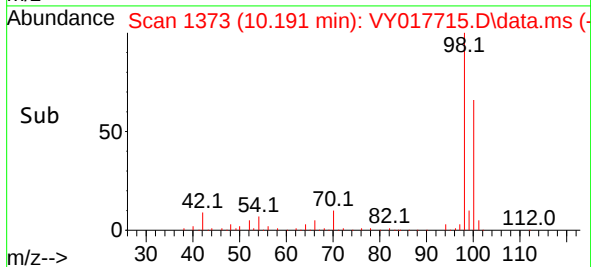
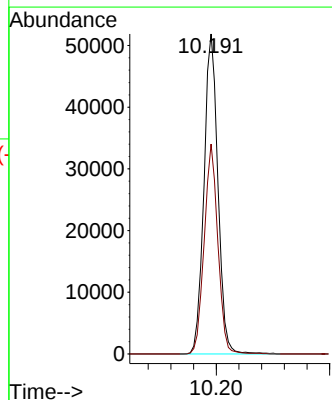
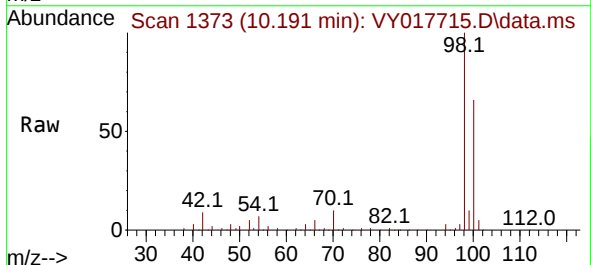
Instrument :
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 ClientSampleId :
 OR-03-031924

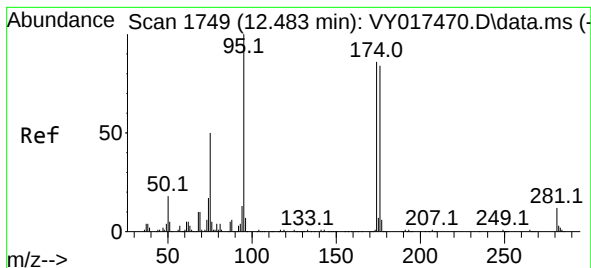
Tgt Ion:113 Resp: 28096
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 20.7 15.9 23.9



#50
 Toluene-d8
 Concen: 46.698 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY017715.D
 Acq: 19 Mar 2024 18:30

Tgt Ion: 98 Resp: 88642
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.0 78.0

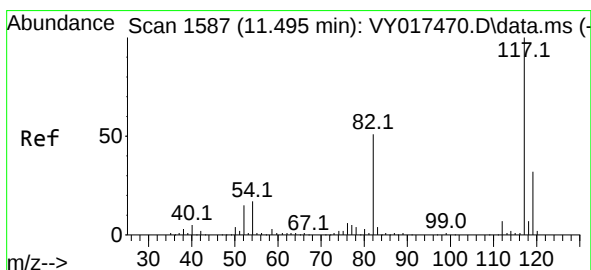
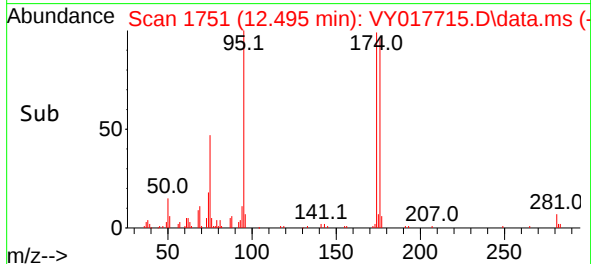
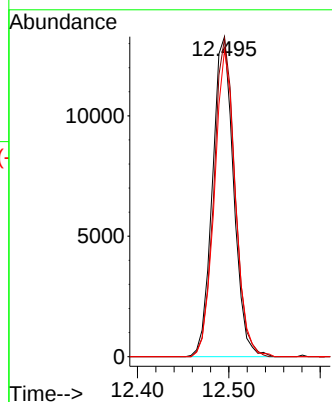
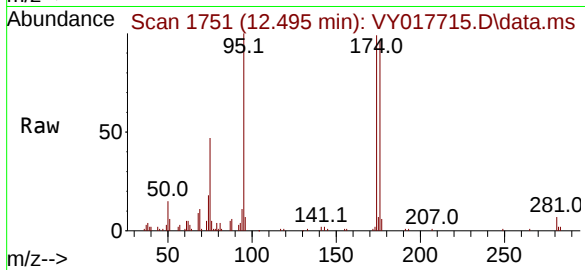




#62
4-Bromofluorobenzene
Concen: 35.787 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

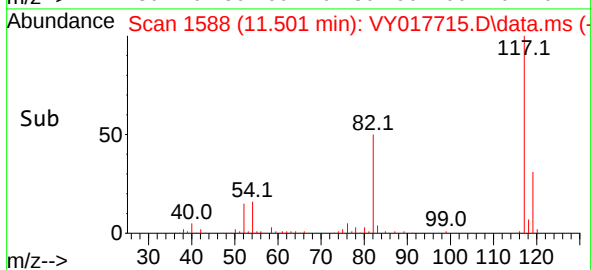
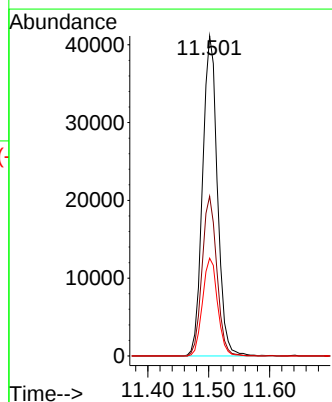
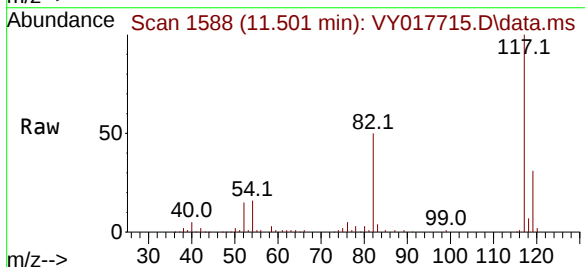
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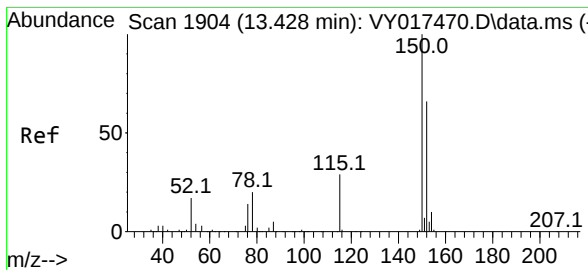
Tgt Ion: 95 Resp: 21349
Ion Ratio Lower Upper
95 100
174 99.0 0.0 175.6
176 94.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Tgt Ion: 117 Resp: 69673
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 30.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.012 min
 Lab File: VY017715.D
 Acq: 19 Mar 2024 18:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-031924

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.7	28.2	84.7
150	156.1	0.0	345.6

