

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017270.D
 Acq On : 06 Feb 2024 17:23
 Operator : SY/MD
 Sample : P1358-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24449

Quant Time: Feb 07 00:10:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

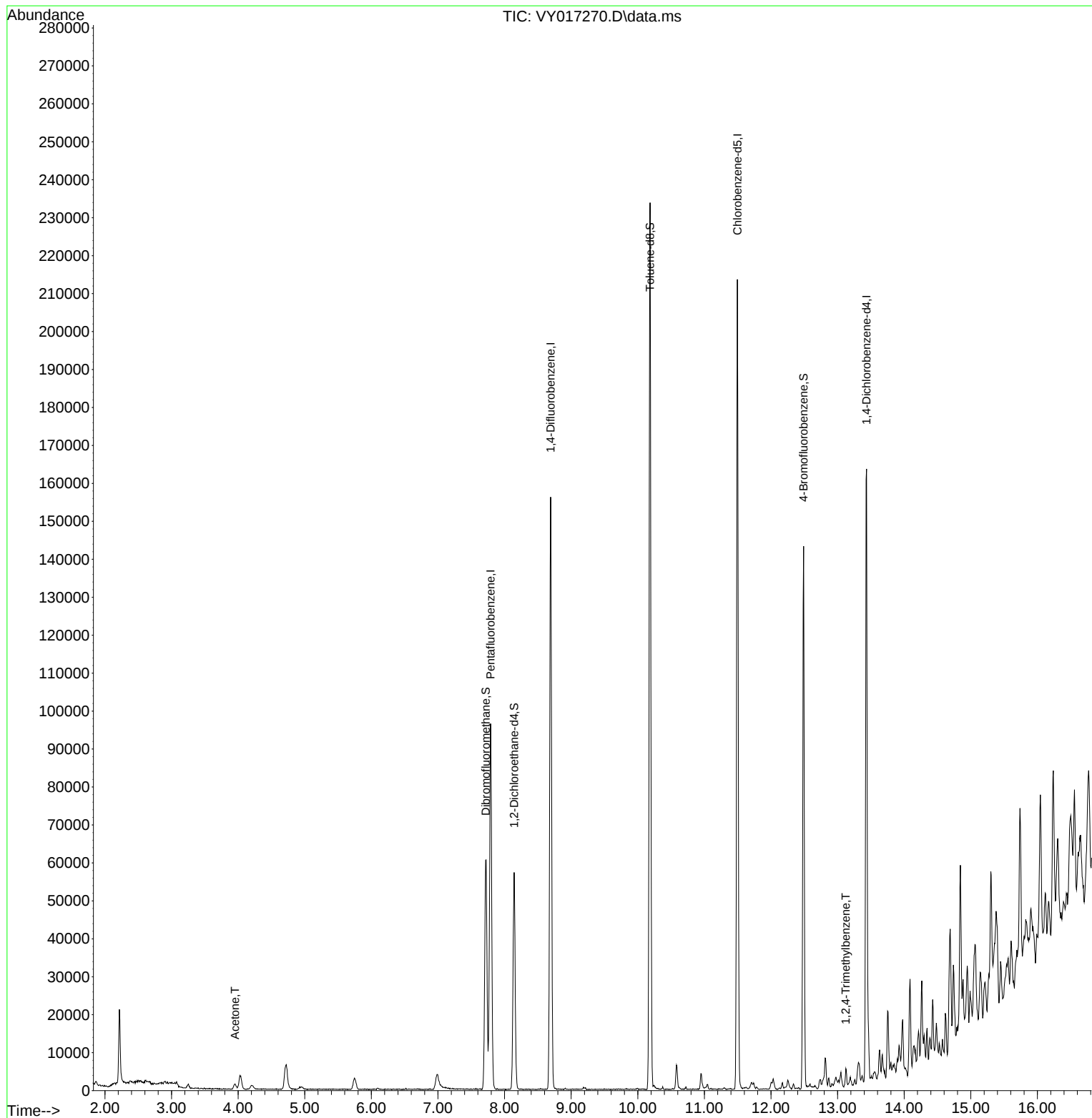
Internal Standards						
1) Pentafluorobenzene	7.789	168	71545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	133328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	114748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	41419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42226	66.067	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 132.140%		
35) Dibromofluoromethane	7.716	113	43408	60.298	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 120.600%		
50) Toluene-d8	10.185	98	154064	58.780	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 117.560%		
62) 4-Bromofluorobenzene	12.489	95	42153	49.095	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 98.180%		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	2626	13.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	2675	1.120	ug/l	99

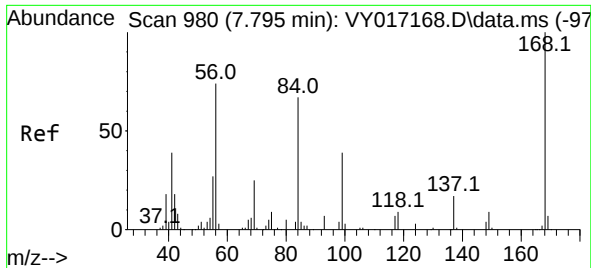
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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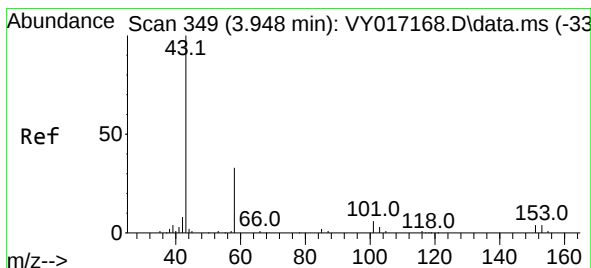
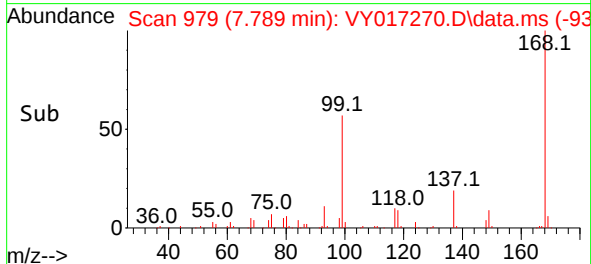
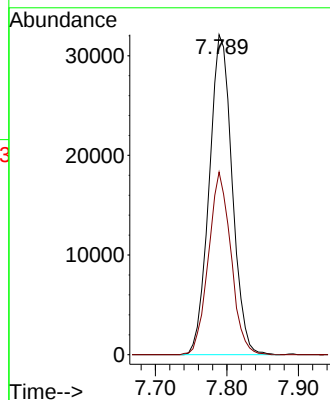
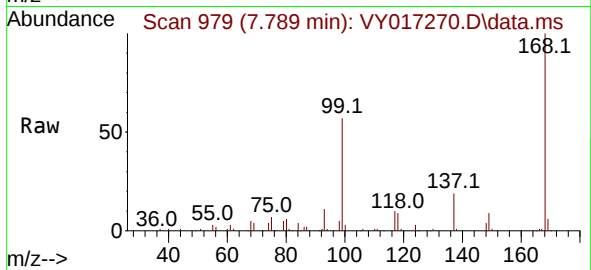




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017270.D
Acq: 06 Feb 2024 17:23

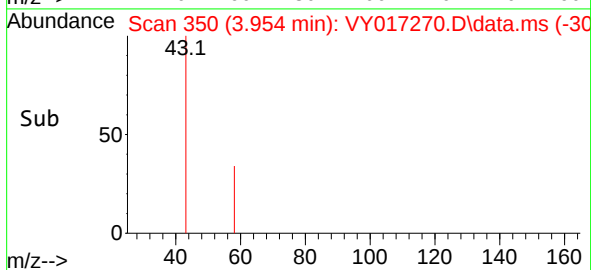
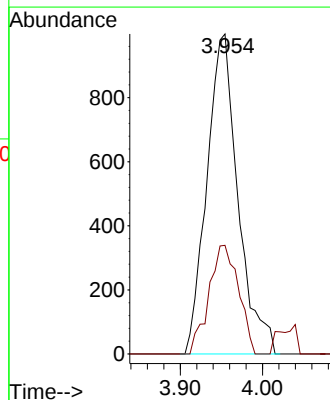
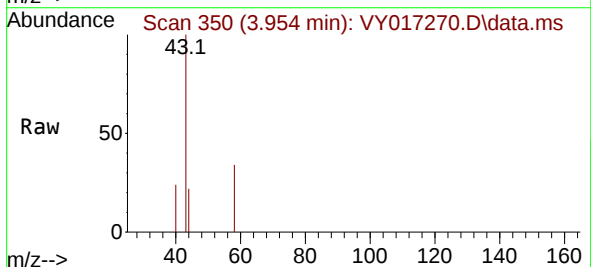
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

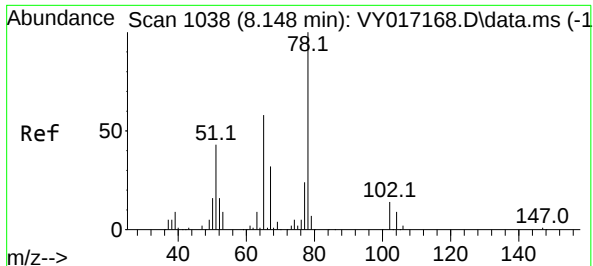
Tgt Ion:168 Resp: 71545
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 13.979 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017270.D
Acq: 06 Feb 2024 17:23

Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
58 33.9 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 66.067 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017270.D

Acq: 06 Feb 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

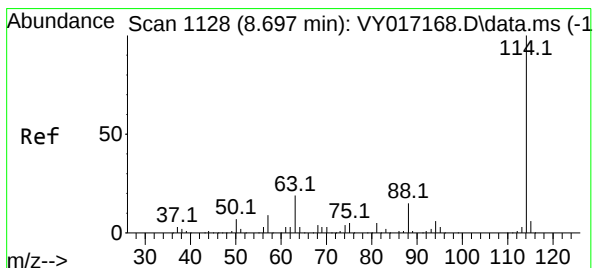
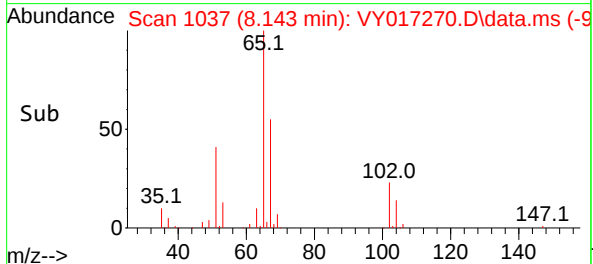
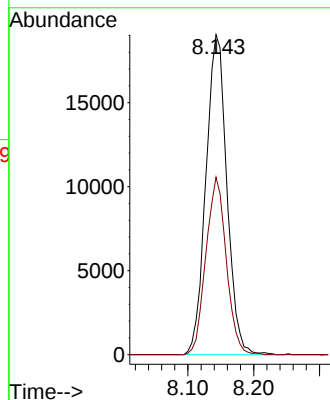
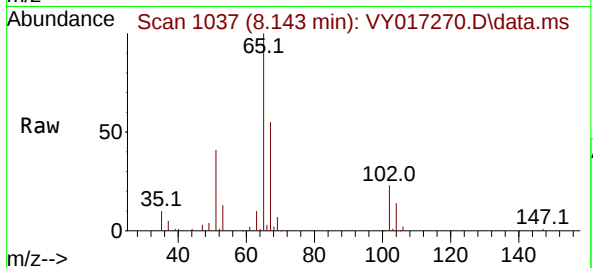
CHRT24449

Tgt Ion: 65 Resp: 42226

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017270.D

Acq: 06 Feb 2024 17:23

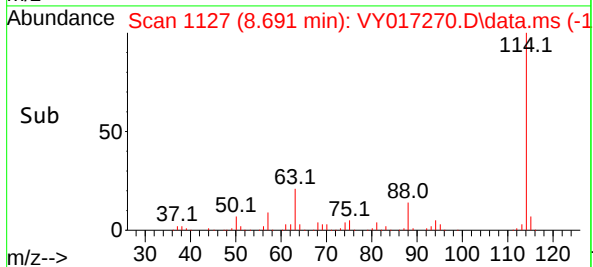
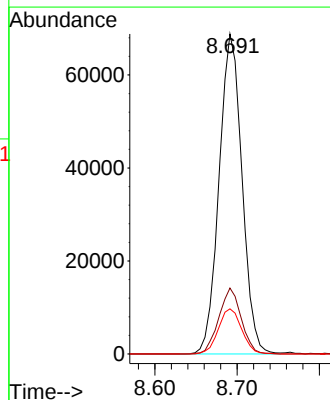
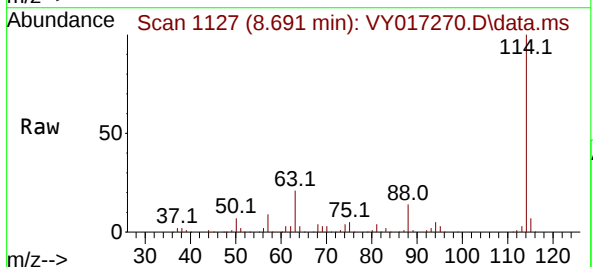
Tgt Ion: 114 Resp: 133328

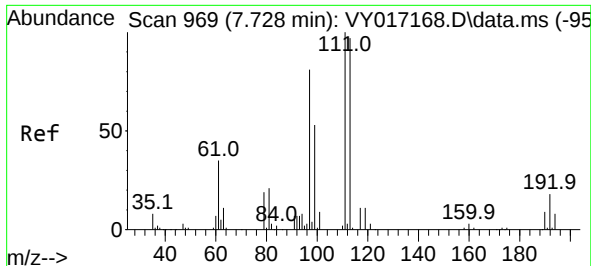
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.1 0.0 29.0

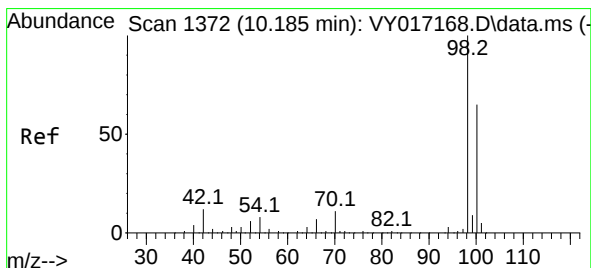
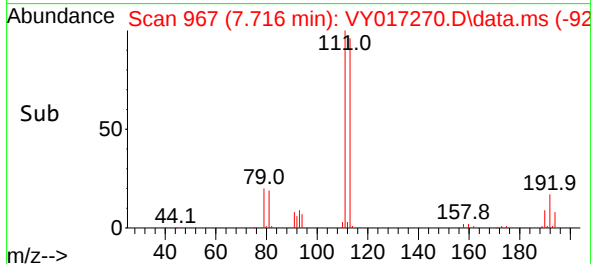
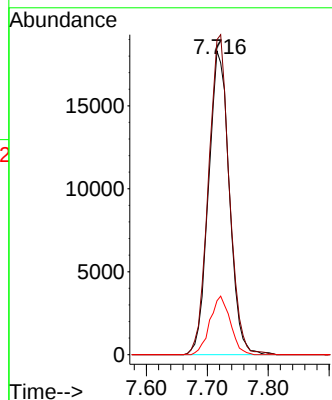
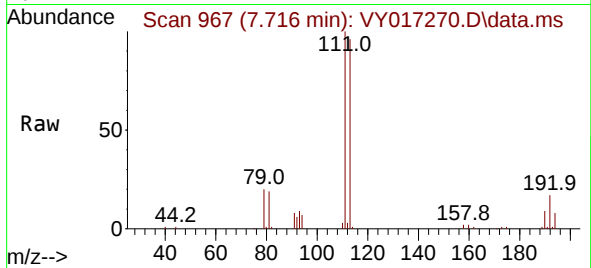




#35
Dibromofluoromethane
Concen: 60.298 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017270.D
Acq: 06 Feb 2024 17:23

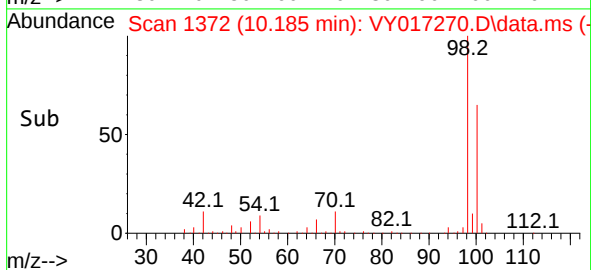
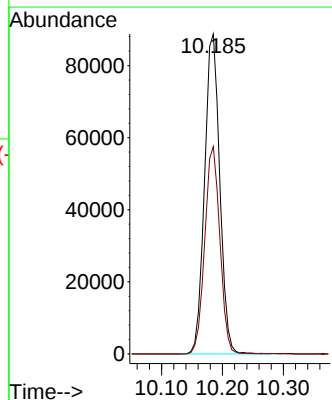
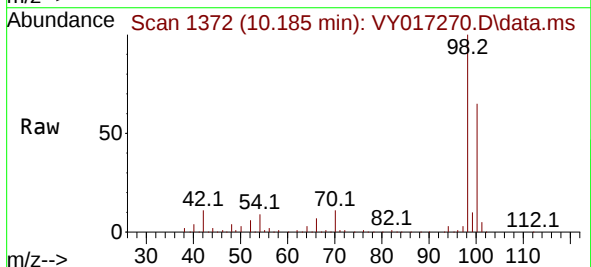
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

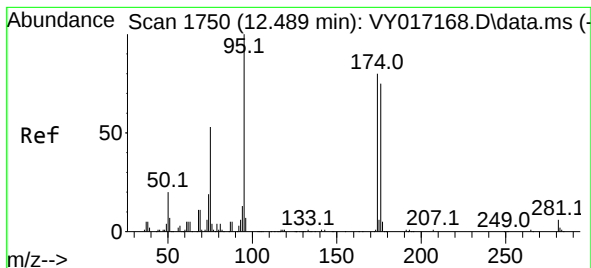
Tgt Ion:113 Resp: 43408
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.6
192 18.8 14.5 21.7



#50
Toluene-d8
Concen: 58.780 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017270.D
Acq: 06 Feb 2024 17:23

Tgt Ion: 98 Resp: 154064
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

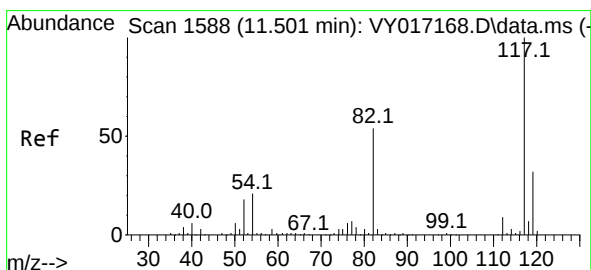
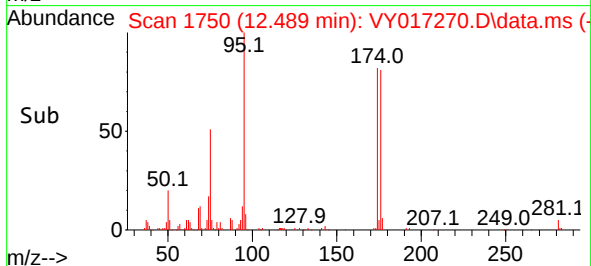
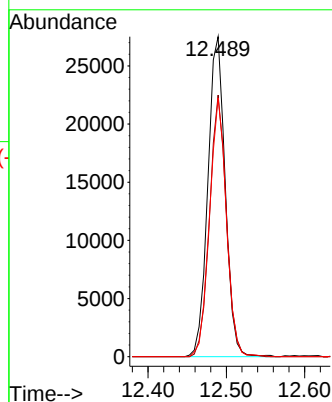
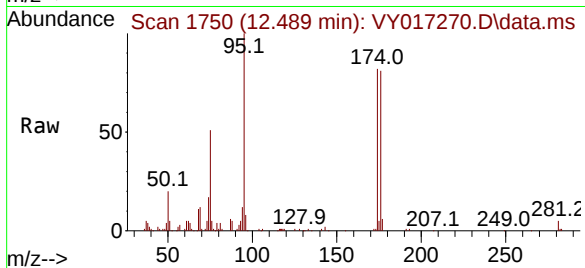




#62
4-Bromofluorobenzene
Concen: 49.095 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017270.D
Acq: 06 Feb 2024 17:23

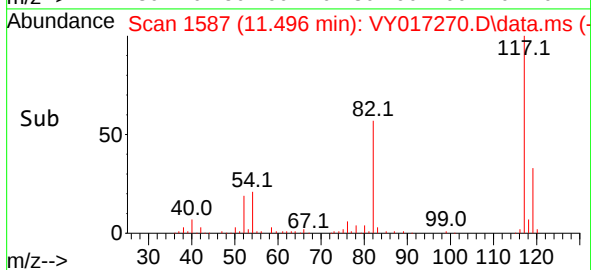
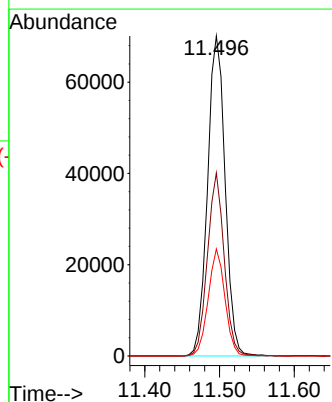
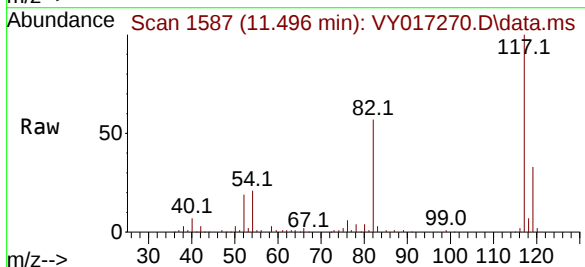
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24449

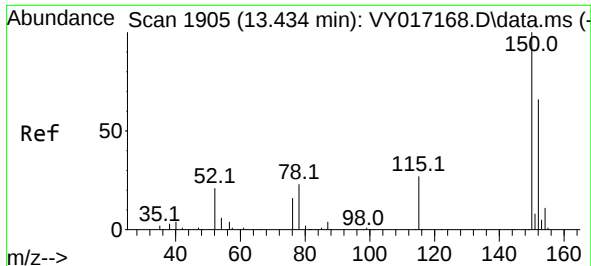
Tgt Ion:	95	Resp:	42153
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	160.0
176	78.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017270.D
Acq: 06 Feb 2024 17:23

Tgt Ion:	117	Resp:	114748
Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.8	65.8
119	33.5	26.5	39.7

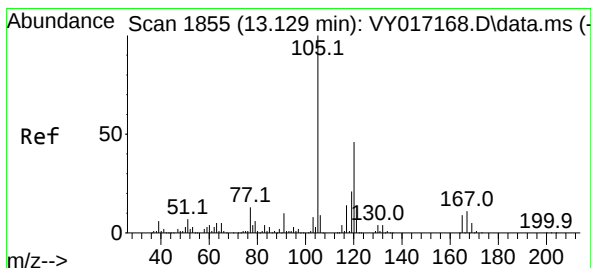
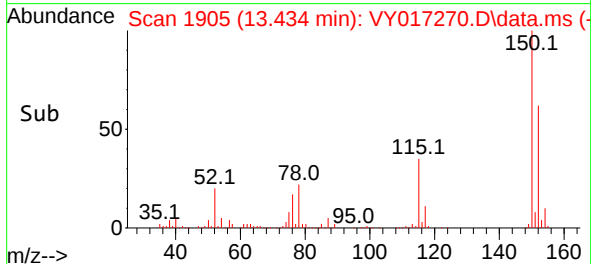
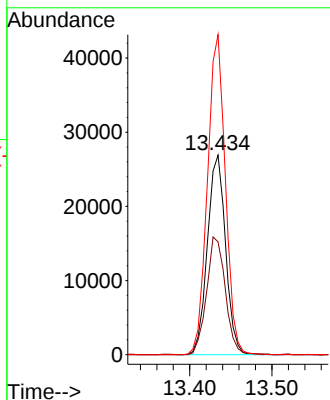
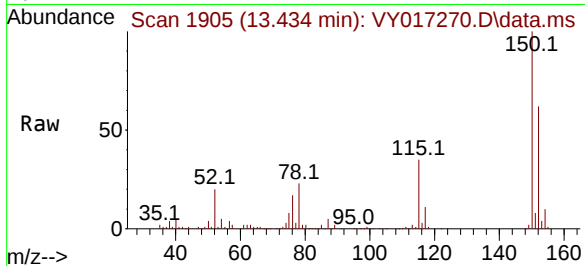




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017270.D
 Acq: 06 Feb 2024 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24449

Tgt Ion:152 Resp: 41419
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.0 90.0
 150 157.5 0.0 344.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.120 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: VY017270.D
 Acq: 06 Feb 2024 17:23

Tgt Ion:105 Resp: 2675
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.3

