

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017014.D
 Acq On : 17 Jan 2024 16:32
 Operator : SY/MD
 Sample : P1117-05RE
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-TOTAL-VOC-GRAB-1RE

Quant Time: Jan 17 16:53:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	32853	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	55997	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	41477	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	11477	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	10415	32.075	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.160%
35) Dibromofluoromethane	7.746	113	12681	35.538	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.080%
50) Toluene-d8	10.203	98	46351	37.722	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.440%
62) 4-Bromofluorobenzene	12.502	95	10071	24.293	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.580%

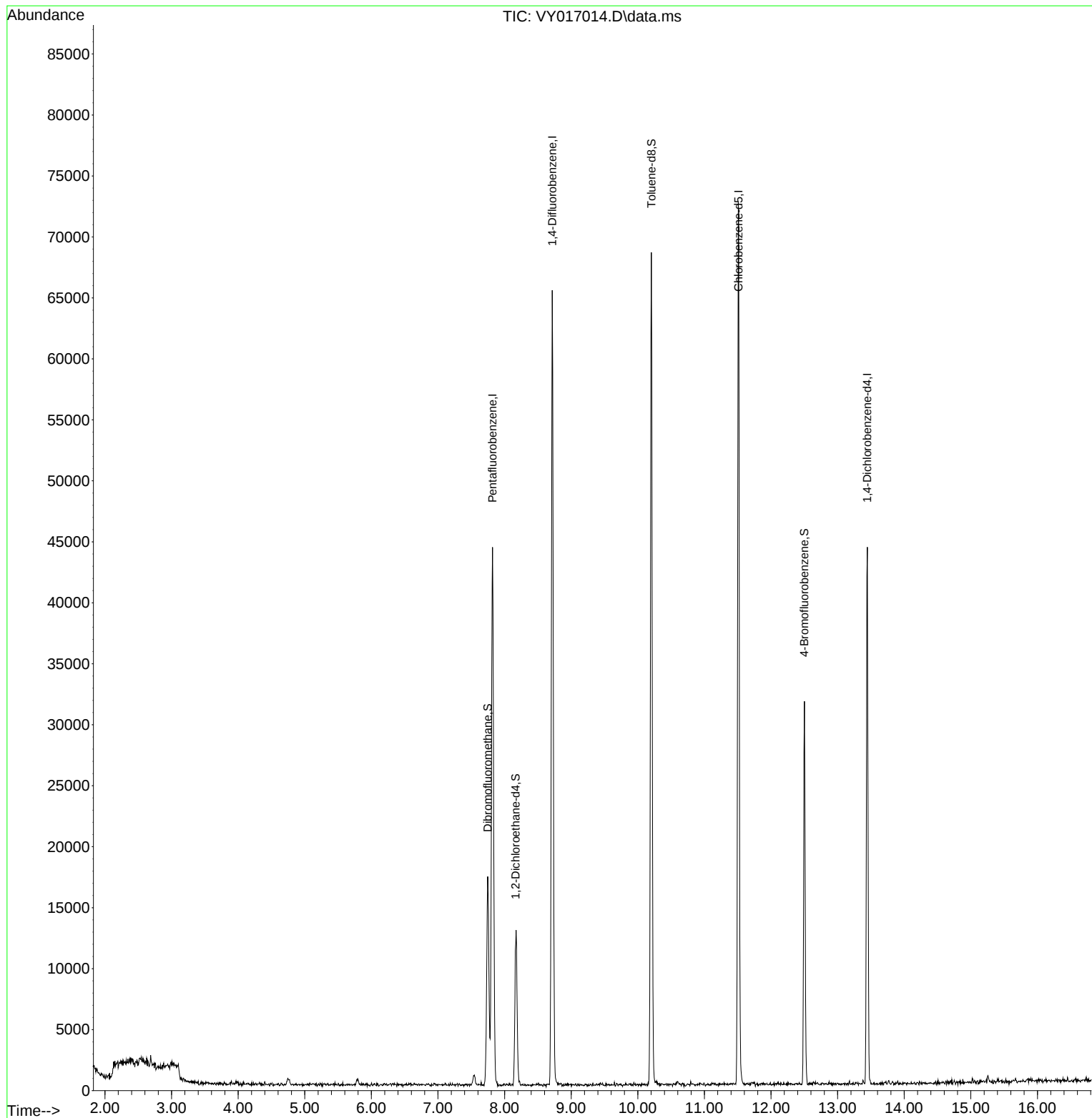
Target Compounds	Qvalue

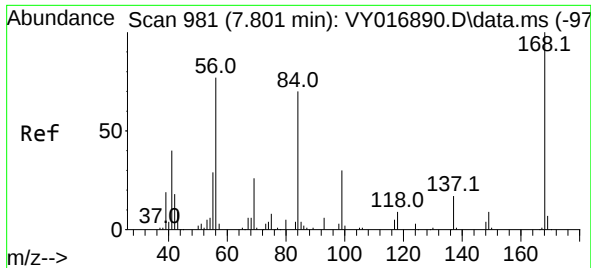
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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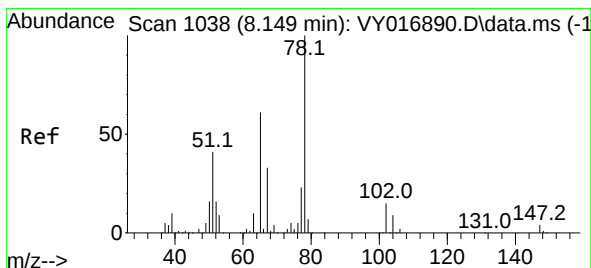
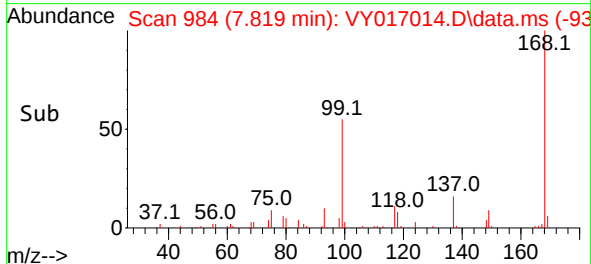
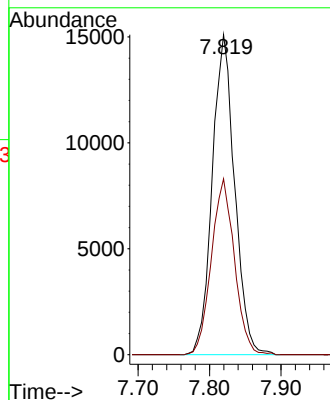
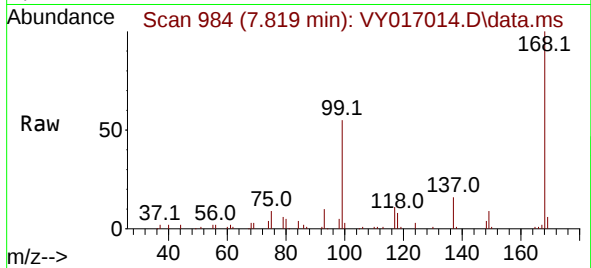




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017014.D
Acq: 17 Jan 2024 16:32

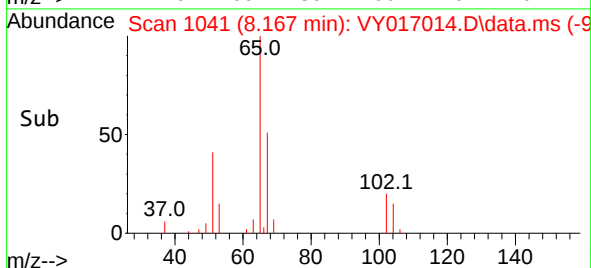
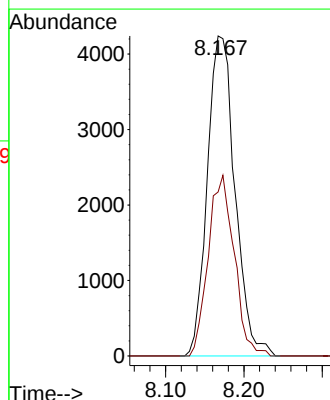
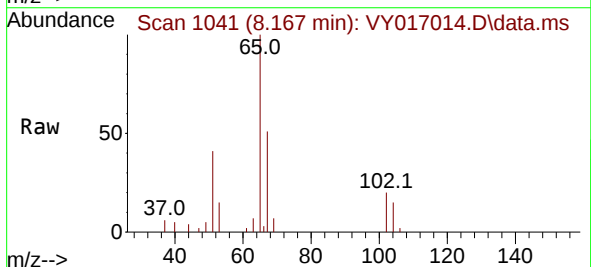
Instrument :
MSVOA_Y
ClientSampleId :
S1-TOTAL-VOC-GRAB-1RE

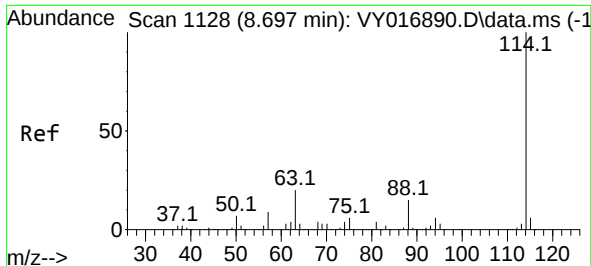
Tgt Ion:168 Resp: 32853
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 32.075 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017014.D
Acq: 17 Jan 2024 16:32

Tgt Ion: 65 Resp: 10415
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017014.D

Acq: 17 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

S1-TOTAL-VOC-GRAB-1RE

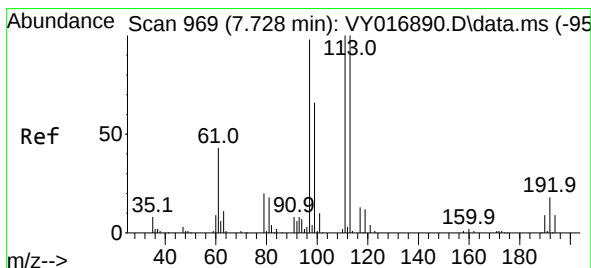
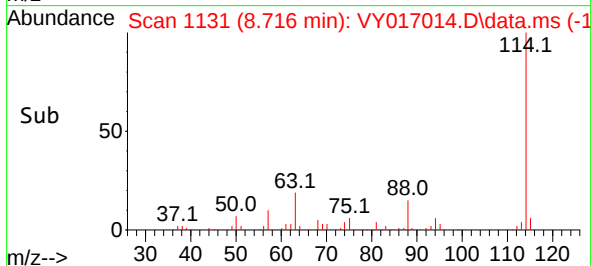
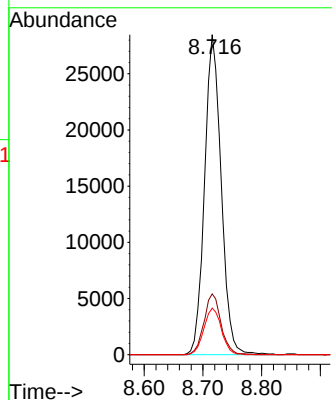
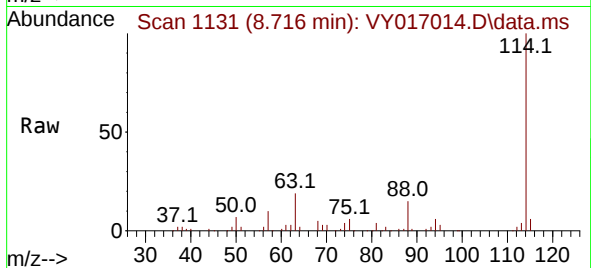
Tgt Ion:114 Resp: 55997

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 35.538 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017014.D

Acq: 17 Jan 2024 16:32

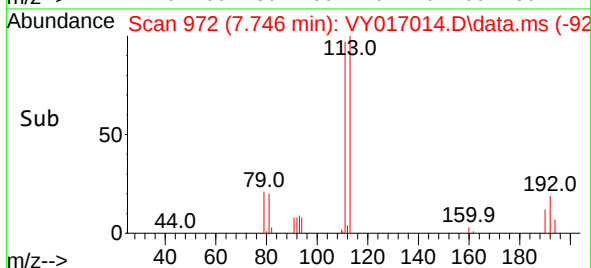
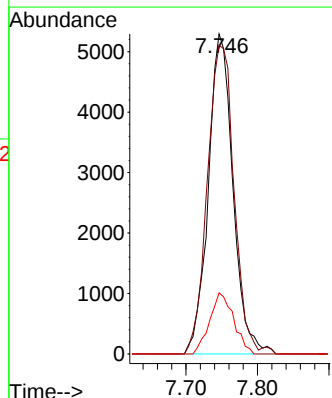
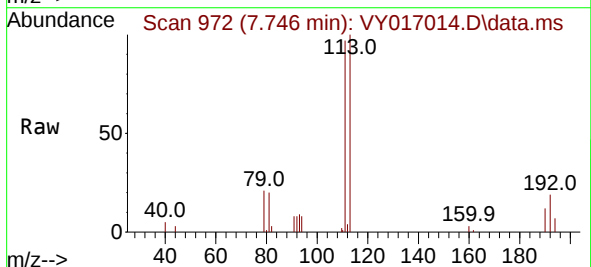
Tgt Ion:113 Resp: 12681

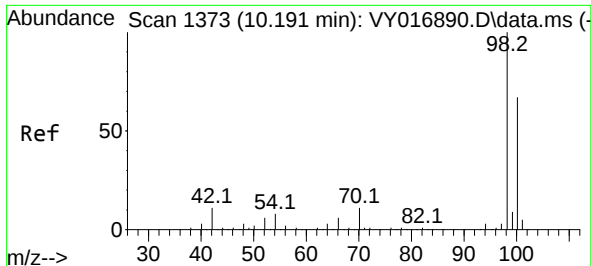
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.6 14.5 21.7

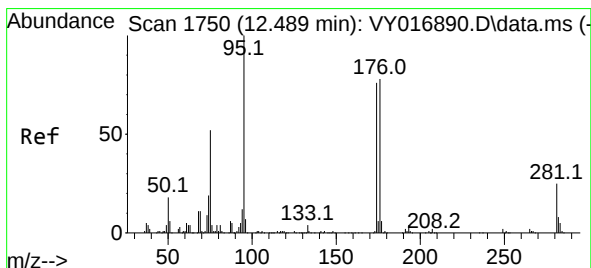
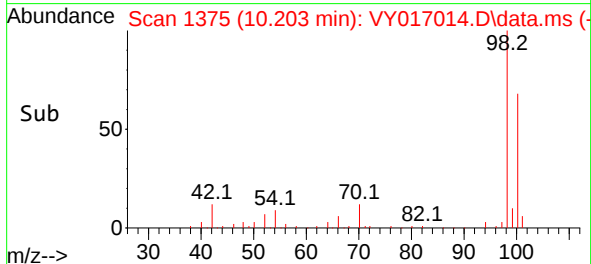
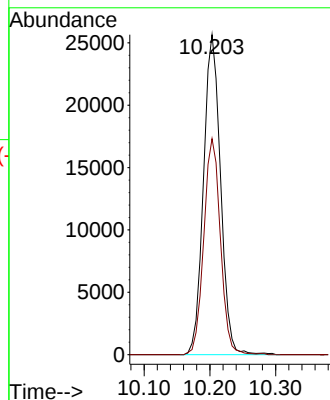
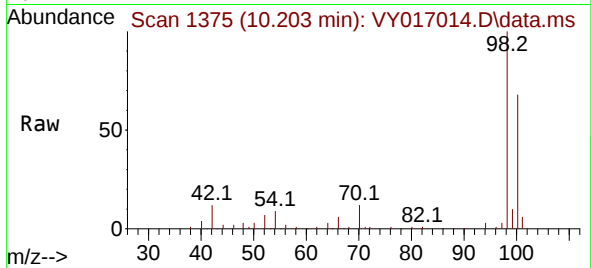




#50
Toluene-d8
Concen: 37.722 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017014.D
Acq: 17 Jan 2024 16:32

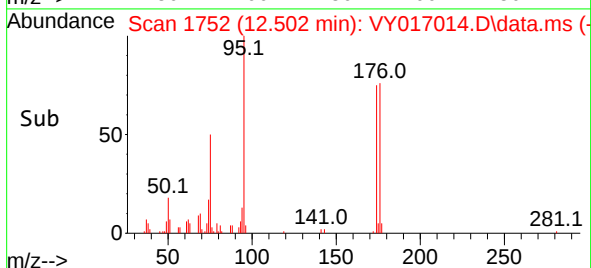
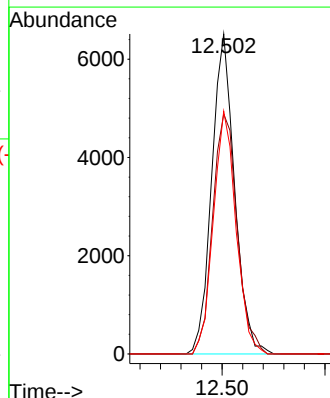
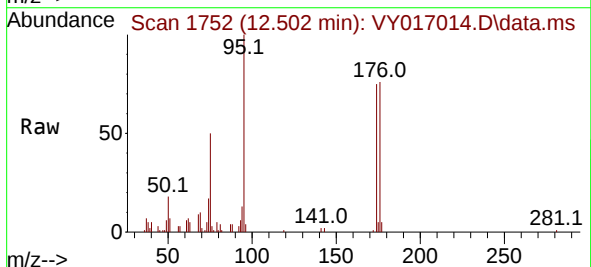
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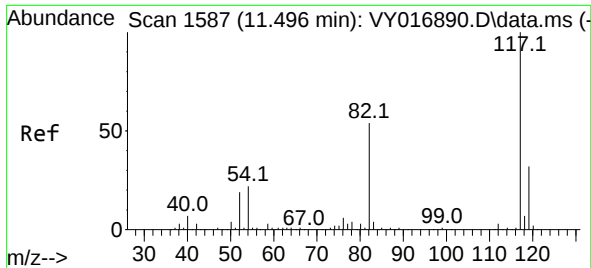
Tgt Ion: 98 Resp: 46351
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.293 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017014.D
Acq: 17 Jan 2024 16:32

Tgt Ion: 95 Resp: 10071
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.0
176 75.3 0.0 151.8

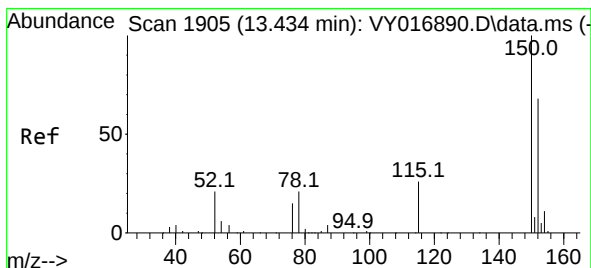
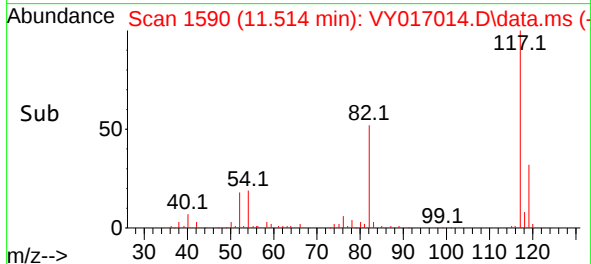
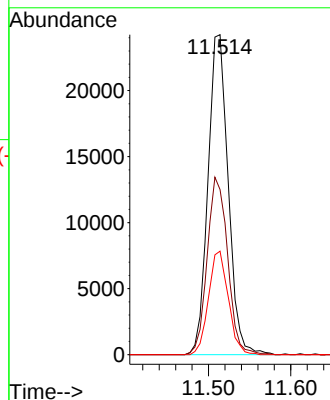
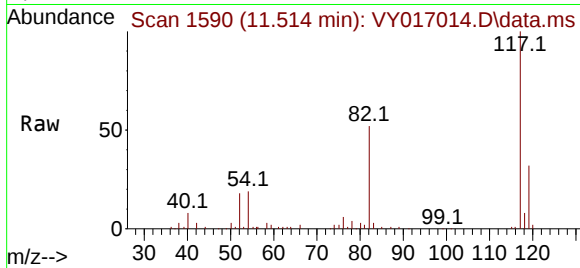




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017014.D
Acq: 17 Jan 2024 16:32

Instrument :
MSVOA_Y
ClientSampleId :
S1-TOTAL-VOC-GRAB-1RE

Tgt Ion:	117	Resp:	41477
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.8	65.8
119	32.3	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY017014.D
Acq: 17 Jan 2024 16:32

Tgt Ion:	152	Resp:	11477
Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.0	90.0
150	158.4	0.0	344.6

