

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013670.D
 Acq On : 09 May 2023 15:58
 Operator : KP/MD
 Sample : 02624-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WZ-3

Quant Time: May 10 05:38:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2586	113.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	227.260%#
35) Dibromofluoromethane	7.703	113	1681	72.137	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.280%
50) Toluene-d8	10.179	98	4405	53.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.483	95	1272	45.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.040%

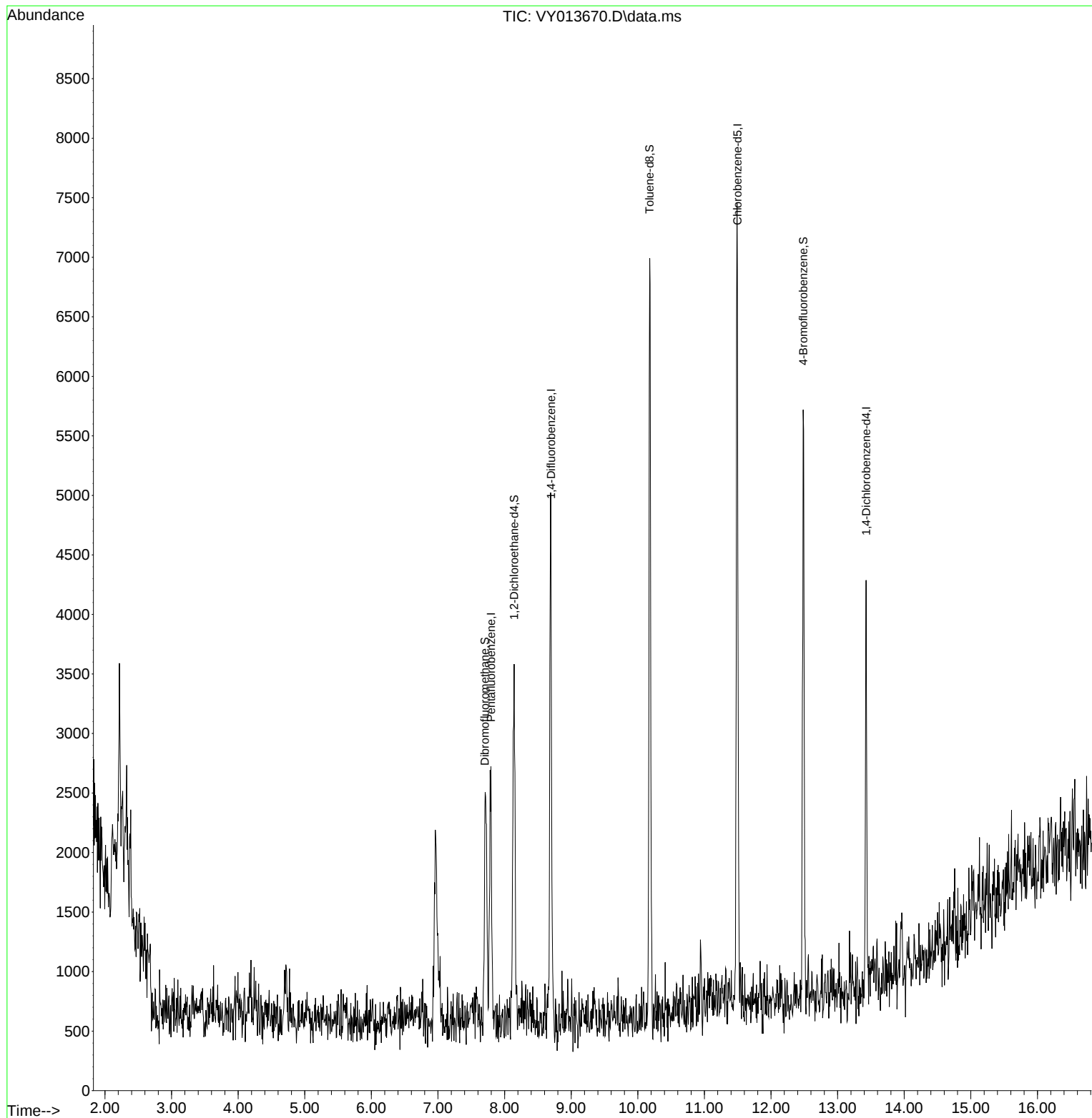
Target Compounds	Qvalue

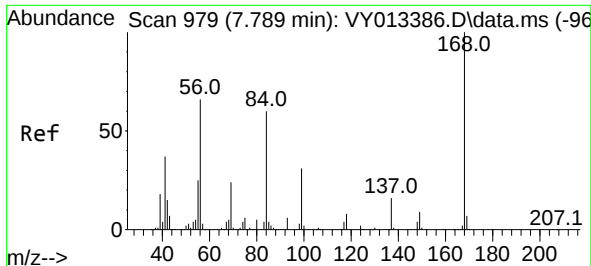
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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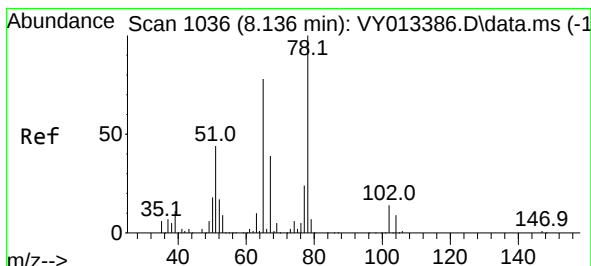
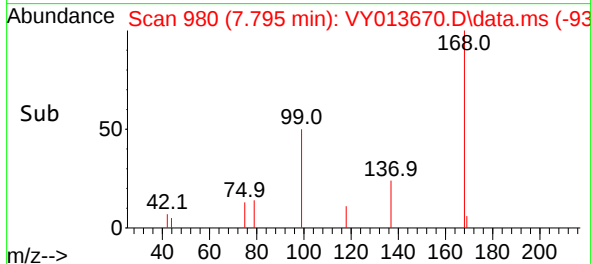
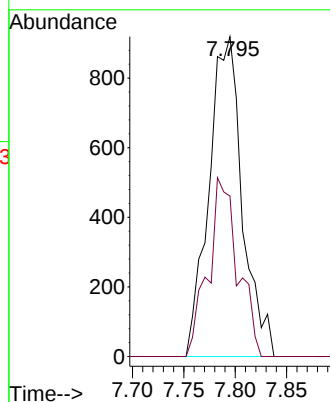
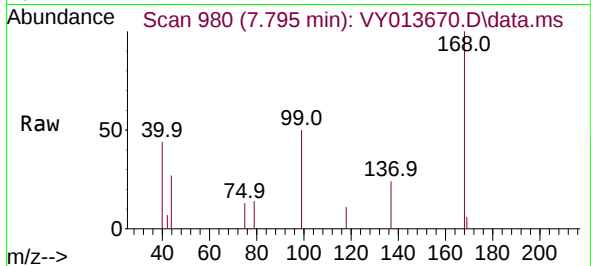




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013670.D
Acq: 09 May 2023 15:58

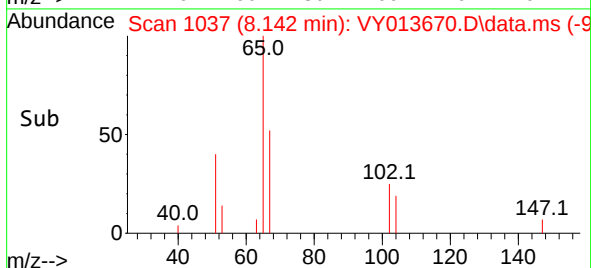
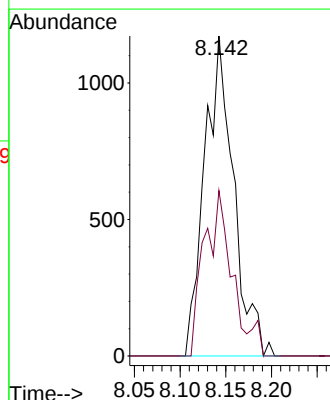
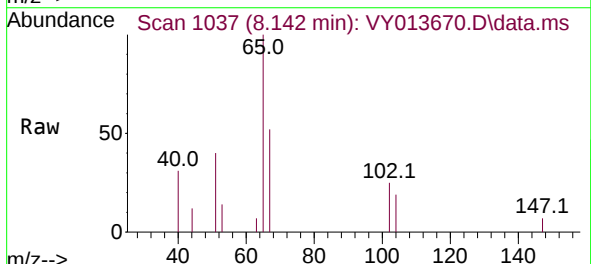
Instrument :
MSVOA_Y
ClientSampleId :
WZ-3

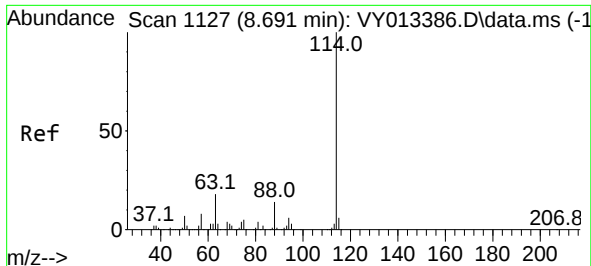
Tgt Ion:168 Resp: 2076
Ion Ratio Lower Upper
168 100
99 50.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 113.633 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013670.D
Acq: 09 May 2023 15:58

Tgt Ion: 65 Resp: 2586
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013670.D

Acq: 09 May 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

WZ-3

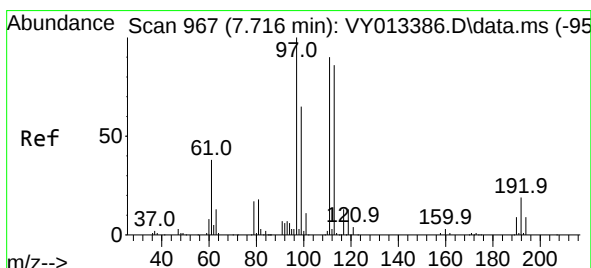
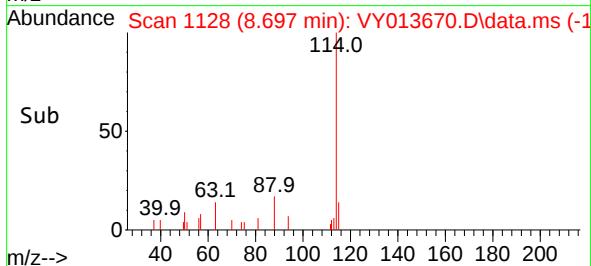
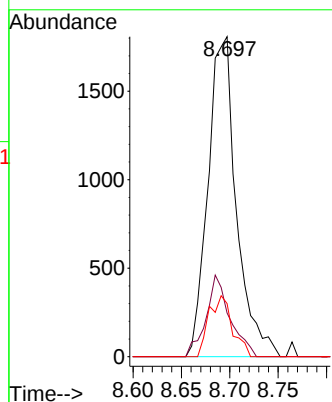
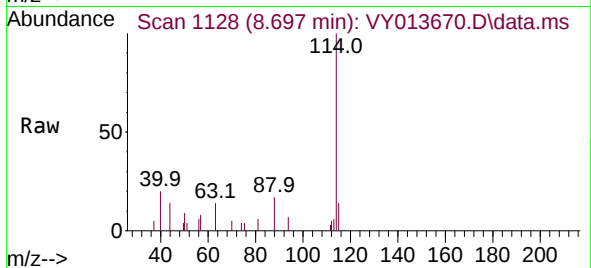
Tgt Ion:114 Resp: 3705

Ion Ratio Lower Upper

114 100

63 13.7 0.0 36.6

88 16.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 72.137 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.013 min

Lab File: VY013670.D

Acq: 09 May 2023 15:58

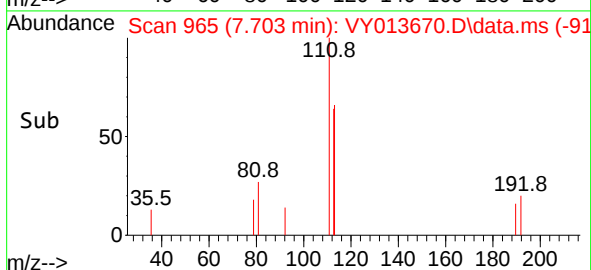
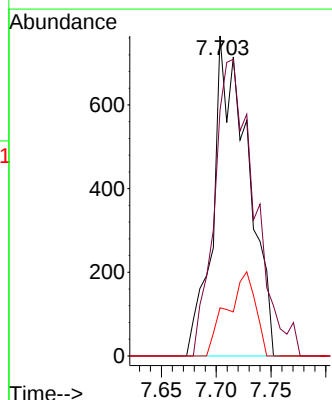
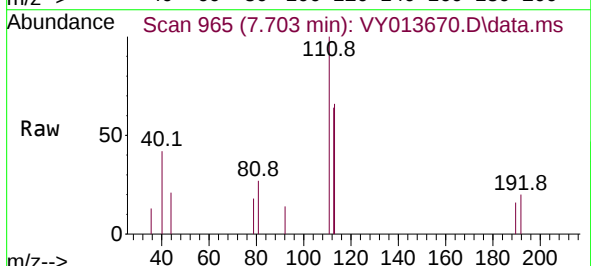
Tgt Ion:113 Resp: 1681

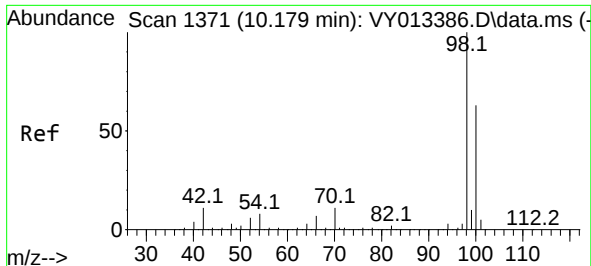
Ion Ratio Lower Upper

113 100

111 106.5 82.2 123.2

192 0.0 16.7 25.1#

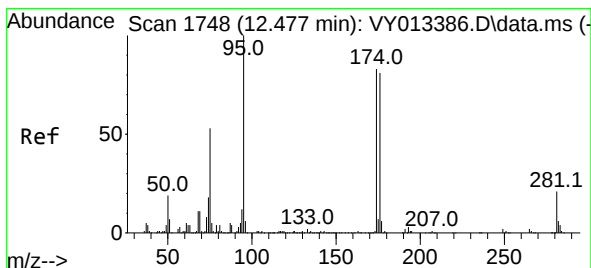
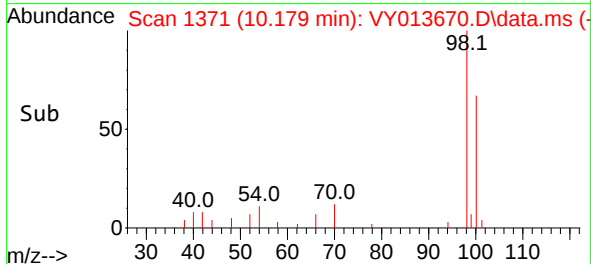
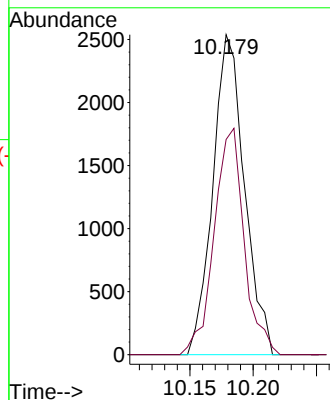
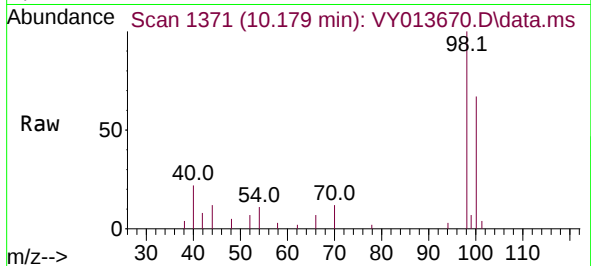




#50
Toluene-d8
Concen: 53.138 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013670.D
Acq: 09 May 2023 15:58

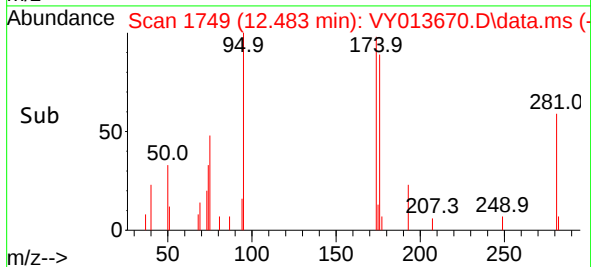
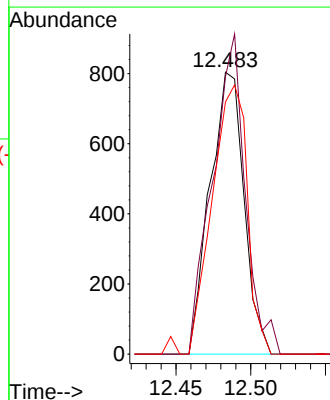
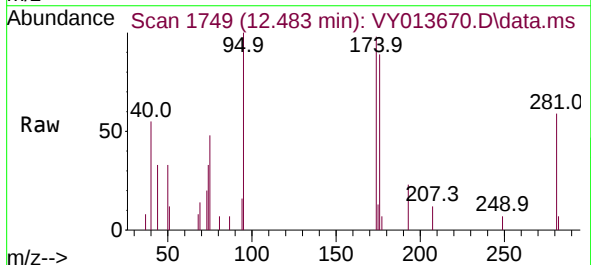
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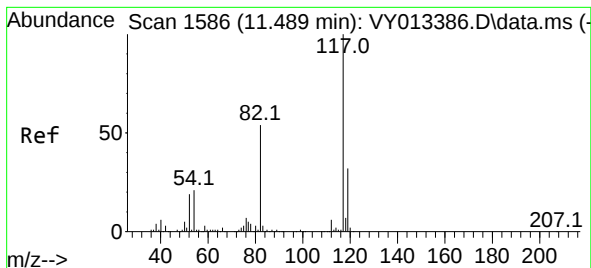
Tgt Ion: 98 Resp: 4405
Ion Ratio Lower Upper
98 100
100 67.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.515 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013670.D
Acq: 09 May 2023 15:58

Tgt Ion: 95 Resp: 1272
Ion Ratio Lower Upper
95 100
174 109.4 0.0 182.0
176 99.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013670.D

Acq: 09 May 2023 15:58

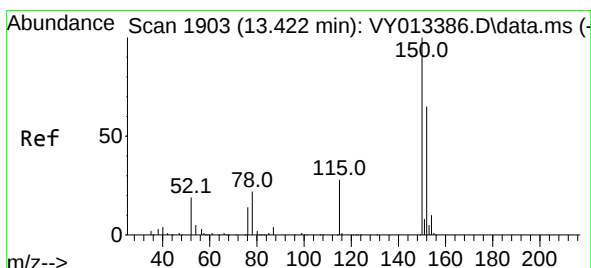
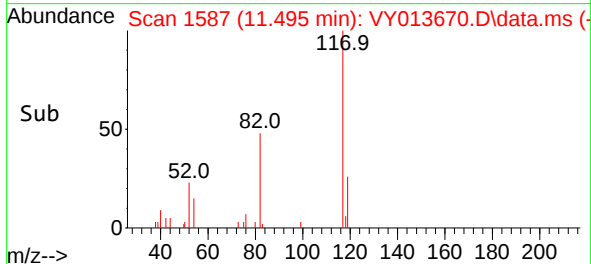
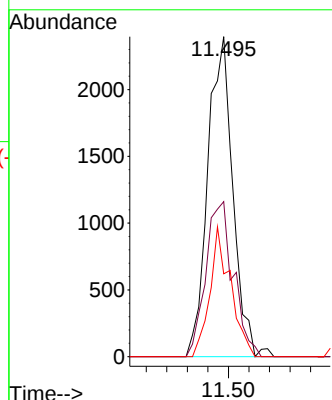
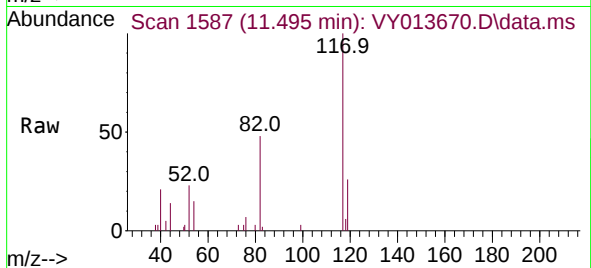
Instrument :

MSVOA_Y

ClientSampleId :

WZ-3

Tgt Ion:117	Resp:	4061
Ion	Ratio	Lower Upper
117	100	
82	48.5	43.0 64.6
119	25.9	25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013670.D

Acq: 09 May 2023 15:58

Tgt Ion:152	Resp:	928
Ion	Ratio	Lower Upper
152	100	
115	53.4	28.1 84.2
150	161.4	0.0 352.0

