

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021222.D
 Acq On : 17 Feb 2025 15:15
 Operator : SY/MD
 Sample : Q1374-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-02142025

Quant Time: Feb 18 00:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

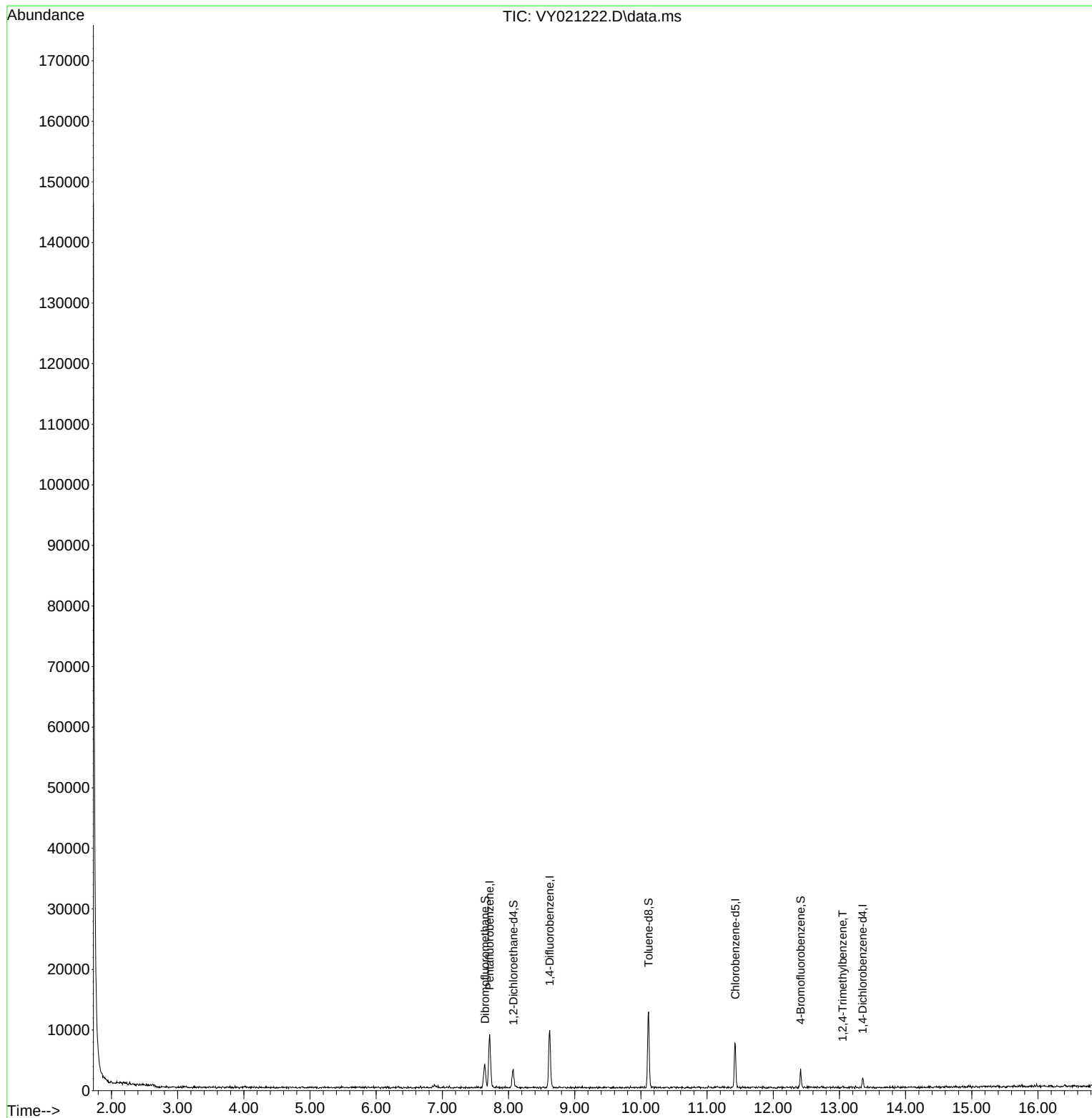
Internal Standards						
1) Pentafluorobenzene	7.713	168	6778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	8200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	4417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	2585	37.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.440%
35) Dibromofluoromethane	7.646	113	2686	51.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.115	98	8493	42.451	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.900%
62) 4-Bromofluorobenzene	12.414	95	929	14.213	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	28.420%#
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.048	105	210	6.002	ug/l	Qvalue # 48

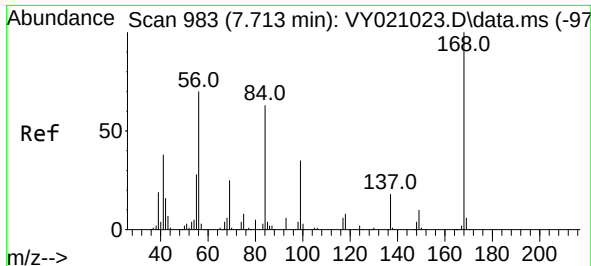
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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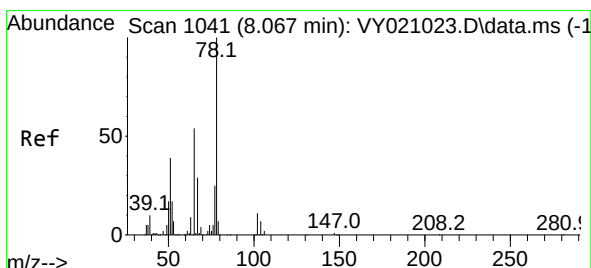
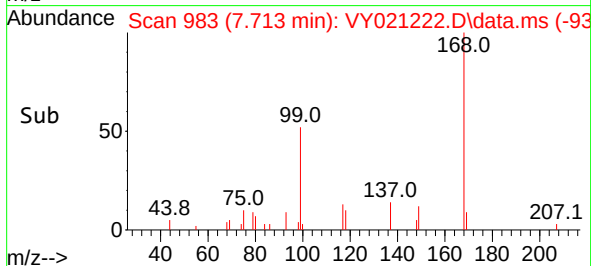
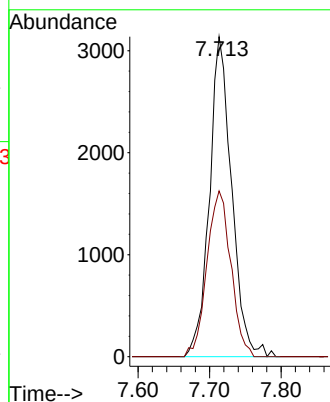
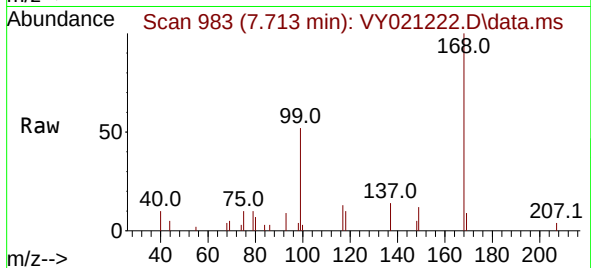




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021222.D
Acq: 17 Feb 2025 15:15

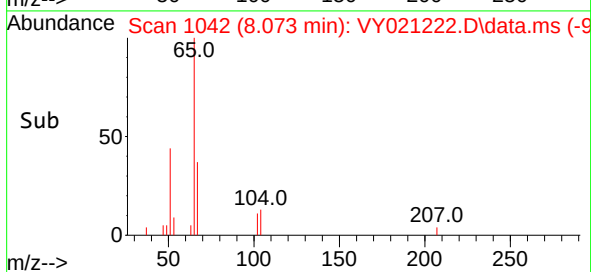
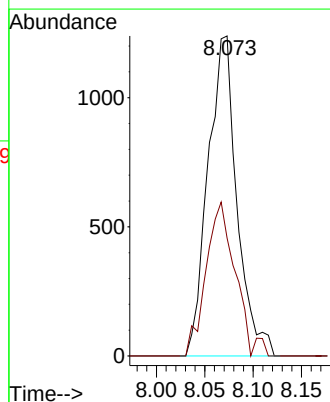
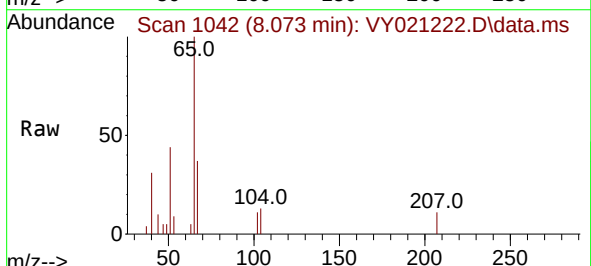
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-02142025

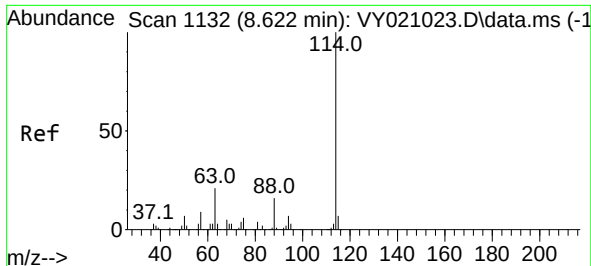
Tgt Ion:168 Resp: 6778
Ion Ratio Lower Upper
168 100
99 51.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 37.223 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021222.D
Acq: 17 Feb 2025 15:15

Tgt Ion: 65 Resp: 2585
Ion Ratio Lower Upper
65 100
67 48.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021222.D

Acq: 17 Feb 2025 15:15

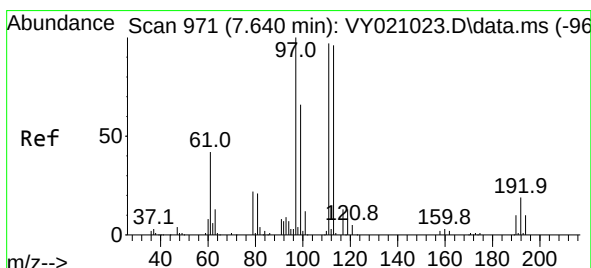
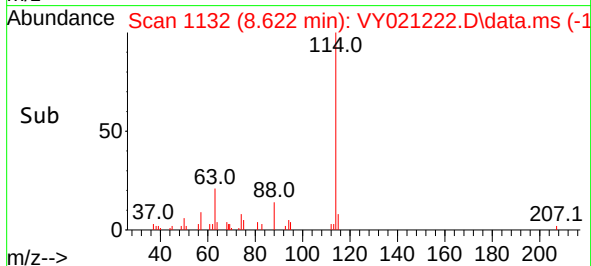
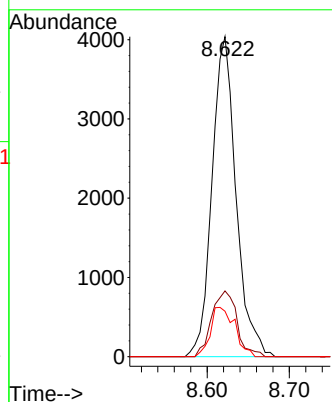
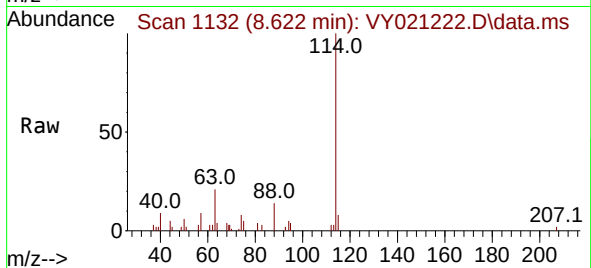
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-02142025

Tgt Ion:114	Resp:	8200
Ion	Ratio	Lower Upper
114	100	
63	20.5	0.0 37.4
88	14.2	0.0 29.0



#35

Dibromofluoromethane

Concen: 51.112 ug/l

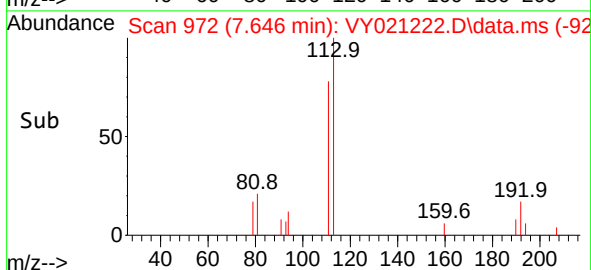
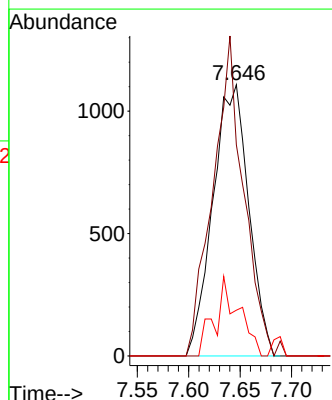
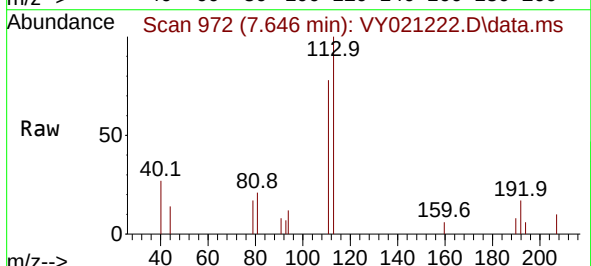
RT: 7.646 min Scan# 972

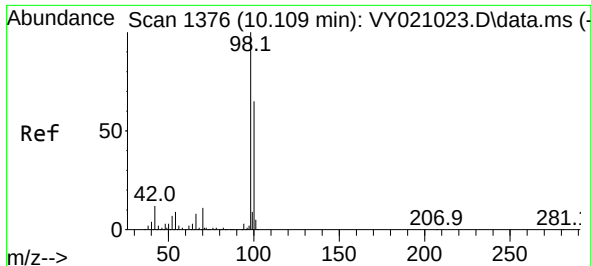
Delta R.T. 0.006 min

Lab File: VY021222.D

Acq: 17 Feb 2025 15:15

Tgt Ion:113	Resp:	2686
Ion	Ratio	Lower Upper
113	100	
111	101.5	83.8 125.6
192	19.6	14.5 21.7

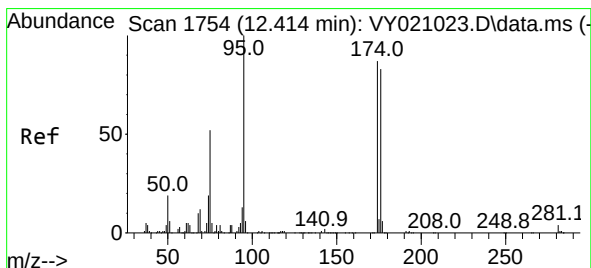
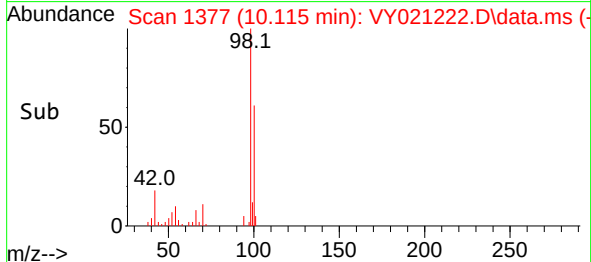
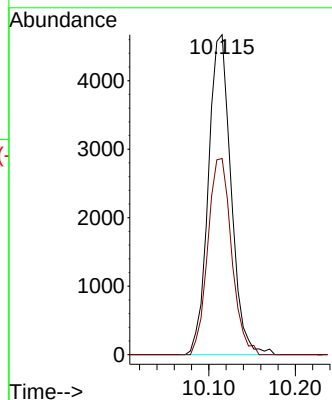
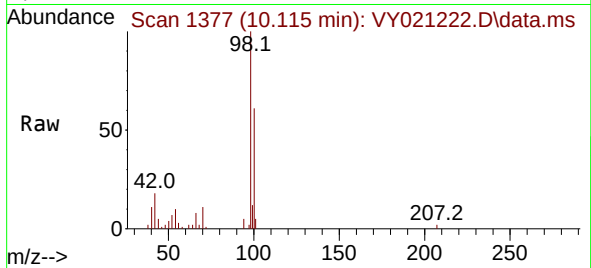




#50
Toluene-d8
Concen: 42.451 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021222.D
Acq: 17 Feb 2025 15:15

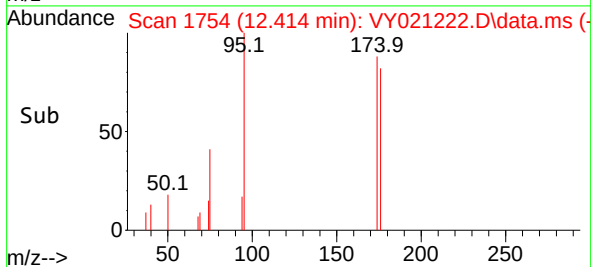
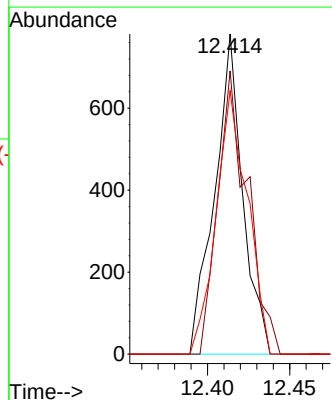
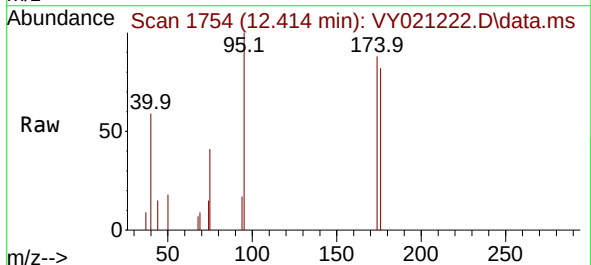
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-02142025

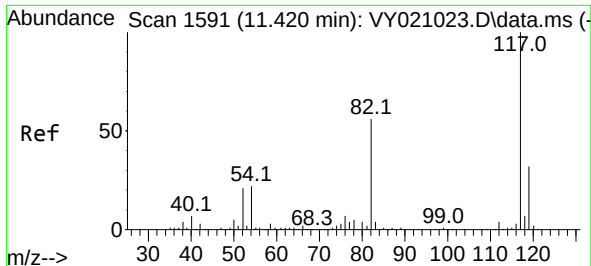
Tgt Ion: 98 Resp: 8493
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 14.213 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021222.D
Acq: 17 Feb 2025 15:15

Tgt Ion: 95 Resp: 929
Ion Ratio Lower Upper
95 100
174 93.6 0.0 160.0
176 91.5 0.0 151.8

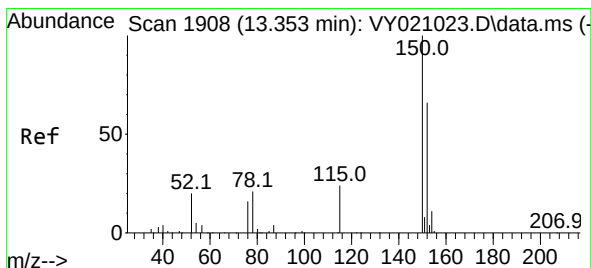
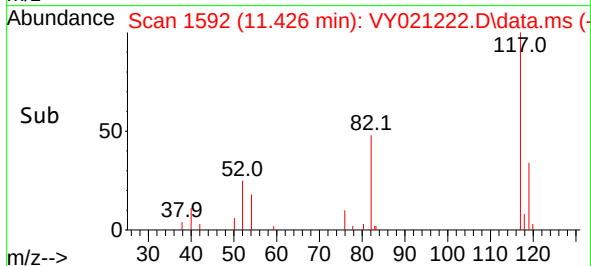
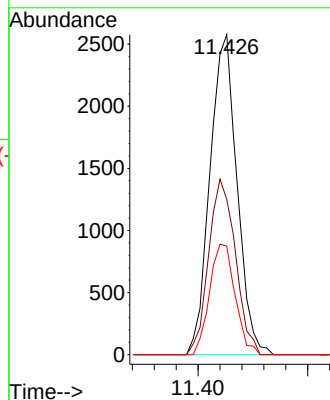
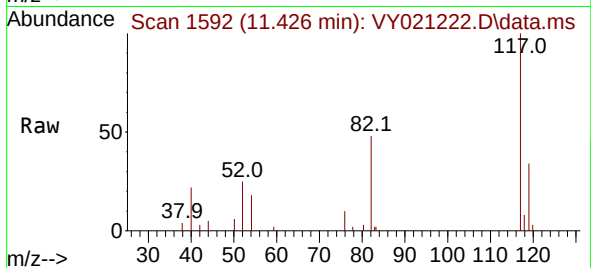




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021222.D
Acq: 17 Feb 2025 15:15

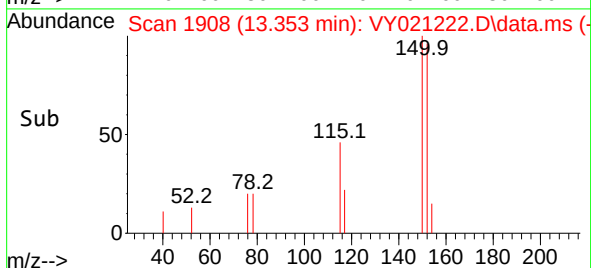
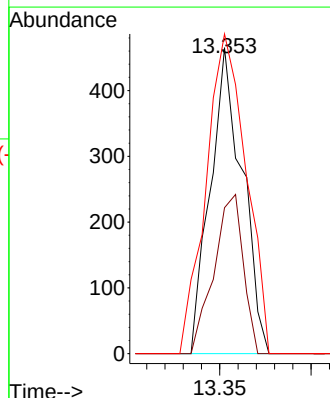
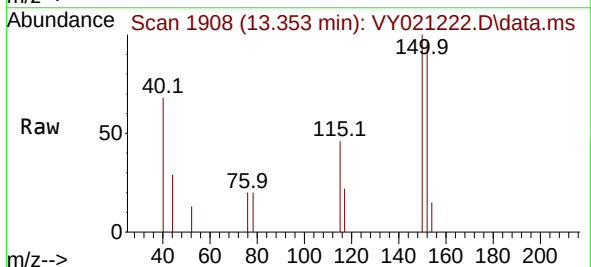
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-02142025

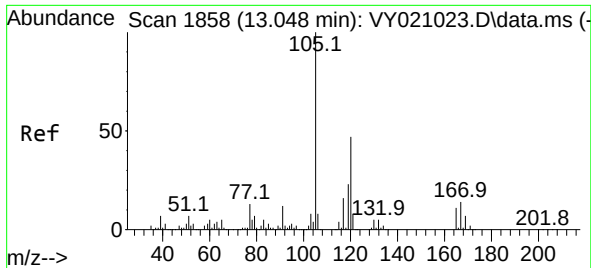
Tgt Ion:117 Resp: 4417
Ion Ratio Lower Upper
117 100
82 48.5 43.8 65.8
119 33.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021222.D
Acq: 17 Feb 2025 15:15

Tgt Ion:152 Resp: 565
Ion Ratio Lower Upper
152 100
115 47.8 30.0 90.0
150 130.8 0.0 344.6





#84
 1,2,4-Trimethylbenzene
 Concen: 6.002 ug/l
 RT: 13.048 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY021222.D
 Acq: 17 Feb 2025 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-02142025

Tgt Ion:105 Resp: 210
 Ion Ratio Lower Upper
 105 100
 120 10.5 22.1 66.3#

