

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022041.D
 Acq On : 28 Apr 2025 18:59
 Operator : SY/MD
 Sample : Q1875-01
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-25-0053

Quant Time: Apr 29 03:56:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

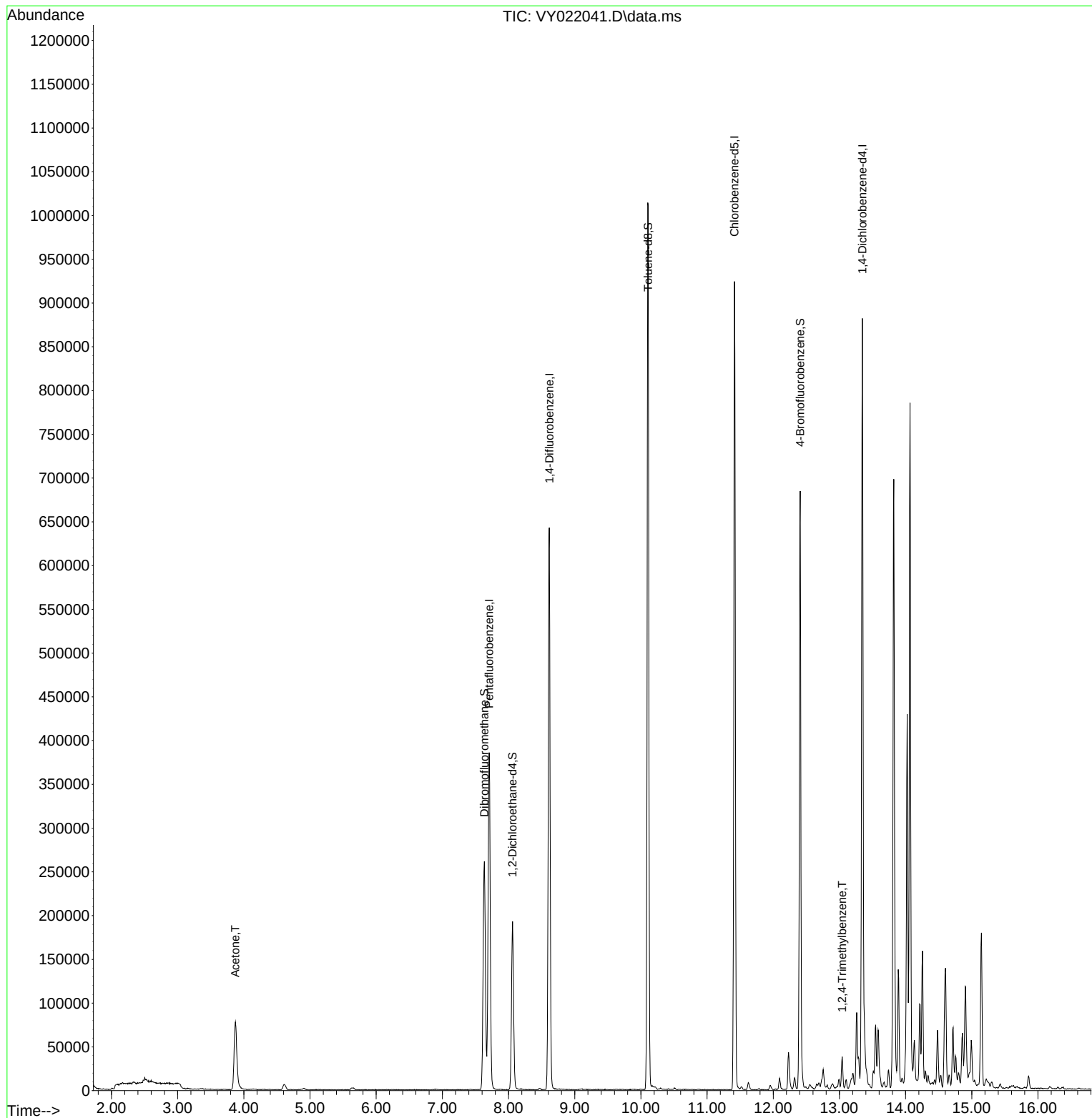
Internal Standards						
1) Pentafluorobenzene	7.707	168	296259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	570380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	222586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146646	53.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.634	113	190798	50.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.260%	
50) Toluene-d8	10.109	98	688311	48.451	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	12.408	95	209262	43.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	140248	404.775	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	16730	1.365	ug/l	96

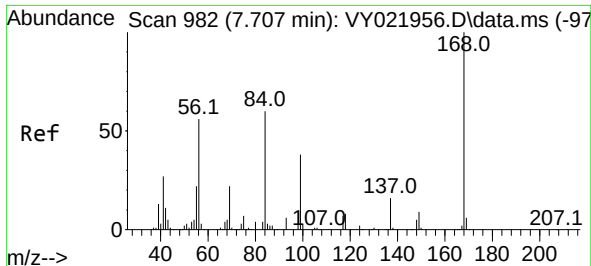
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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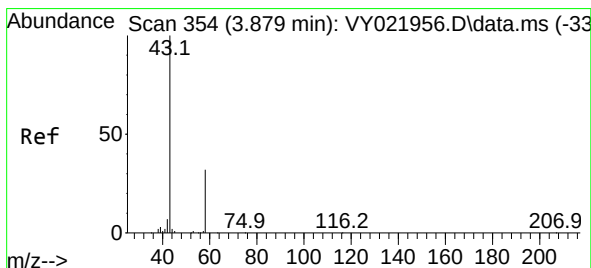
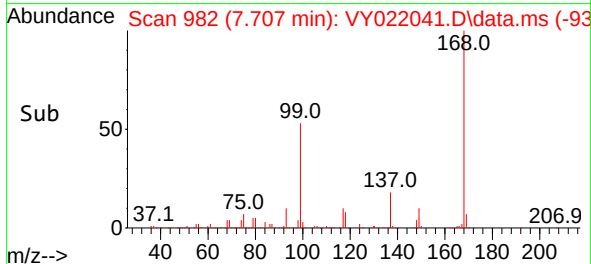
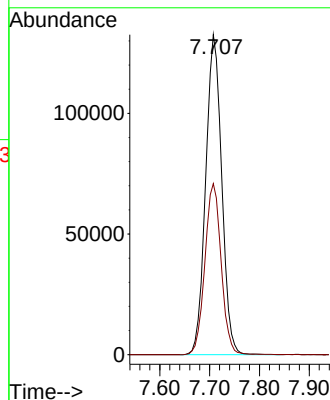
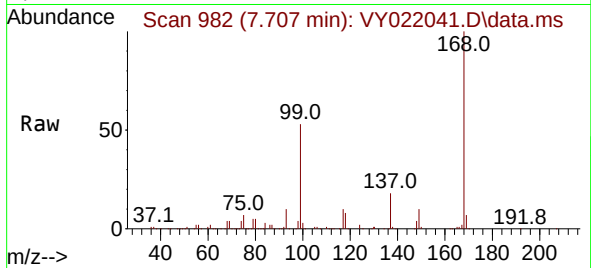




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022041.D
Acq: 28 Apr 2025 18:59

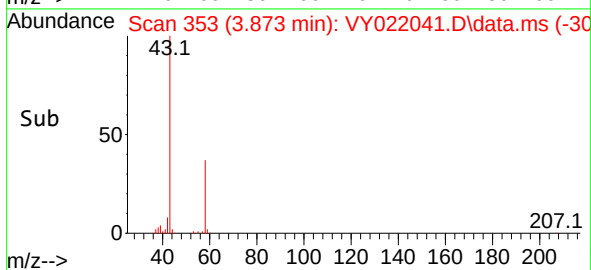
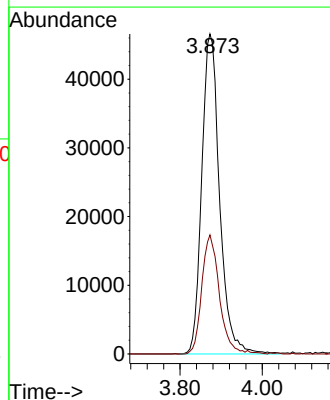
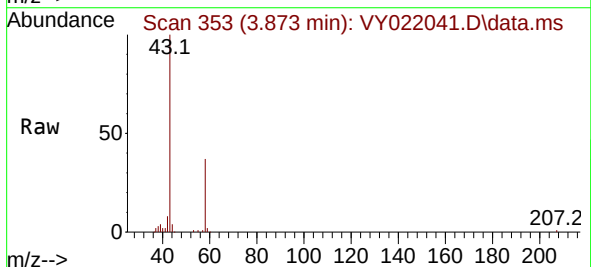
Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

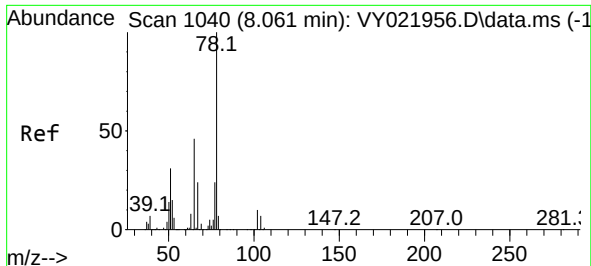
Tgt Ion:168 Resp: 296259
Ion Ratio Lower Upper
168 100
99 53.5 43.1 64.7



#16
Acetone
Concen: 404.775 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022041.D
Acq: 28 Apr 2025 18:59

Tgt Ion: 43 Resp: 140248
Ion Ratio Lower Upper
43 100
58 37.2 27.0 40.4





#33

1,2-Dichloroethane-d4

Concen: 53.589 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022041.D

Acq: 28 Apr 2025 18:59

Instrument :

MSVOA_Y

ClientSampleId :

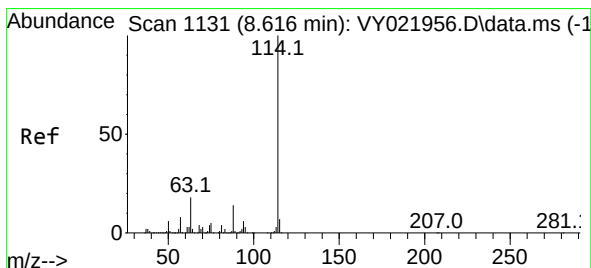
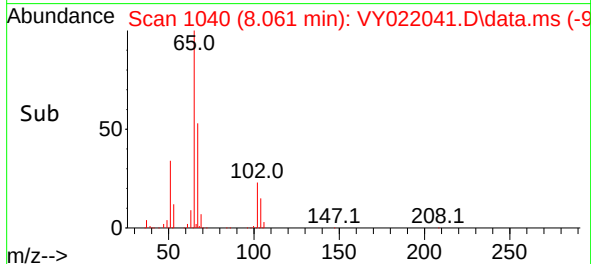
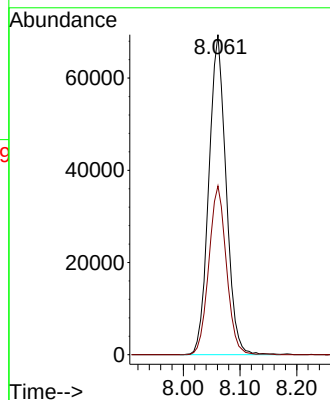
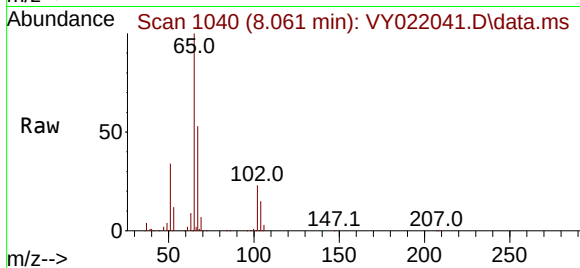
AUD-25-0053

Tgt Ion: 65 Resp: 146646

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022041.D

Acq: 28 Apr 2025 18:59

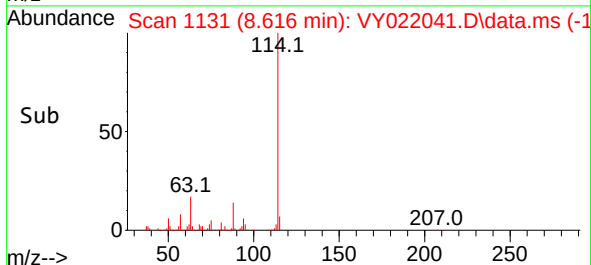
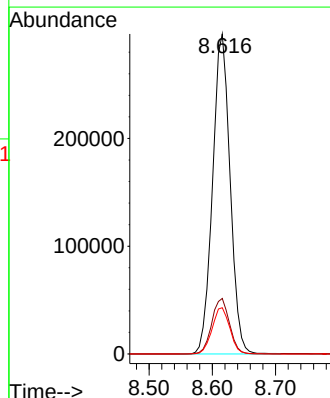
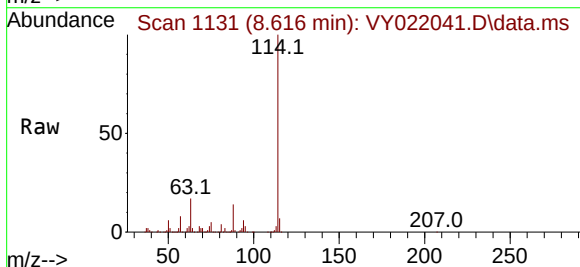
Tgt Ion: 114 Resp: 570380

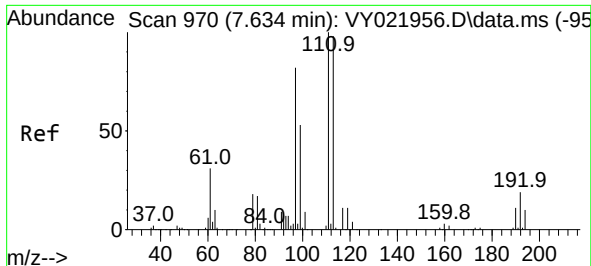
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

88 14.4 0.0 28.2

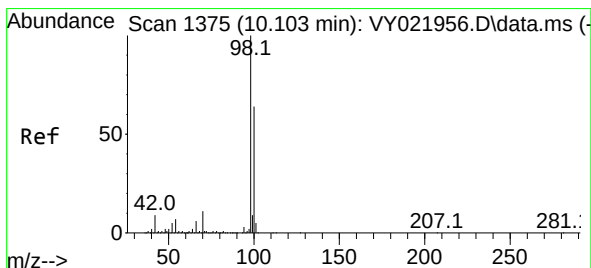
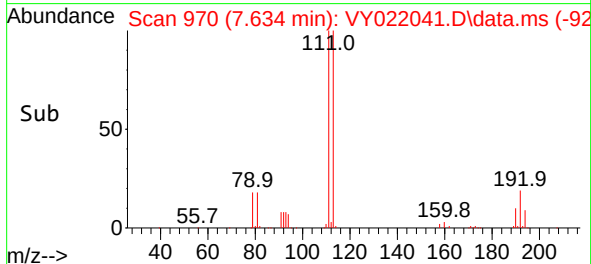
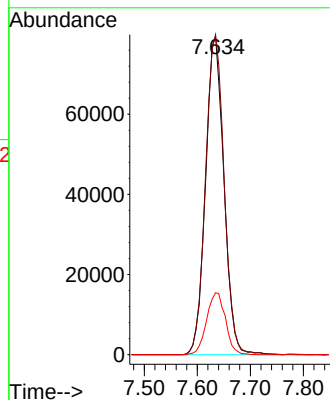
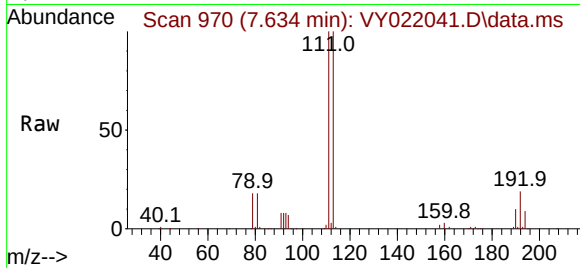




#35
Dibromofluoromethane
Concen: 50.633 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022041.D
Acq: 28 Apr 2025 18:59

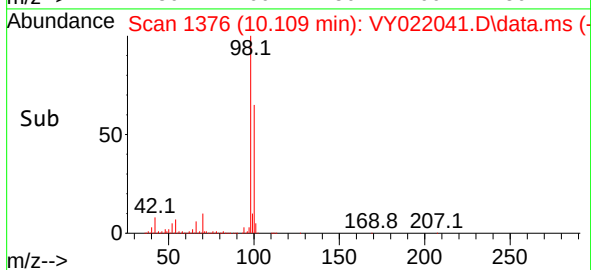
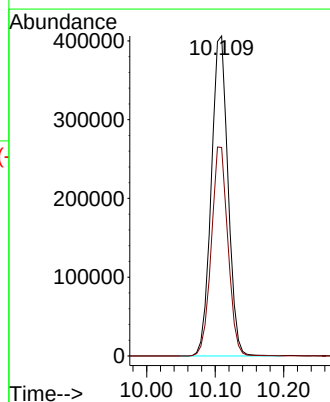
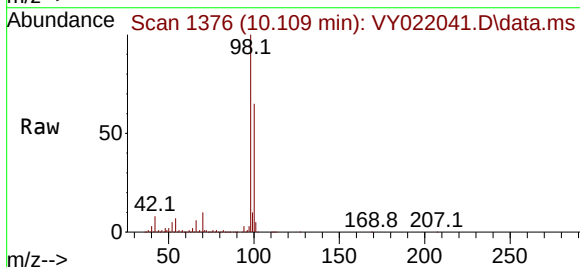
Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

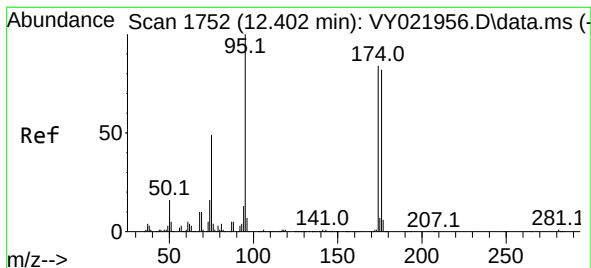
Tgt Ion:113 Resp: 190798
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 20.0 15.6 23.4



#50
Toluene-d8
Concen: 48.451 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022041.D
Acq: 28 Apr 2025 18:59

Tgt Ion: 98 Resp: 688311
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4

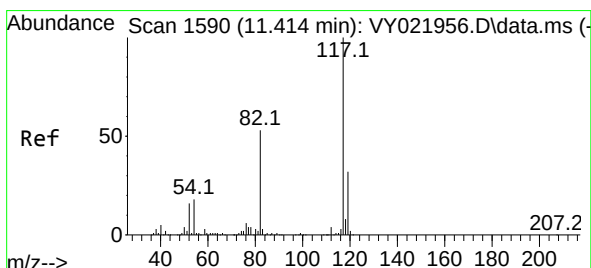
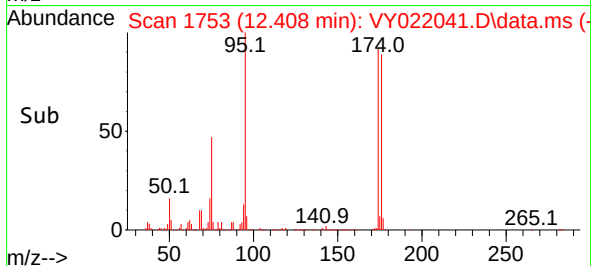
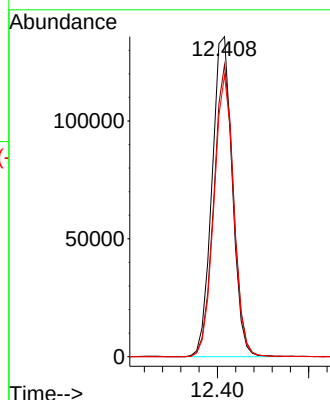
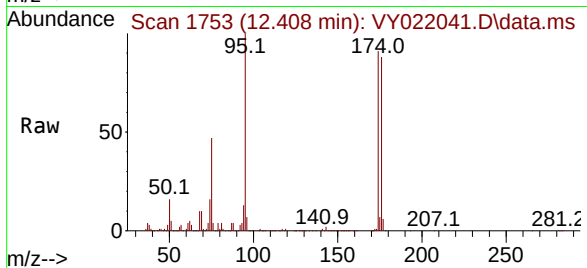




#62
4-Bromofluorobenzene
Concen: 43.757 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022041.D
Acq: 28 Apr 2025 18:59

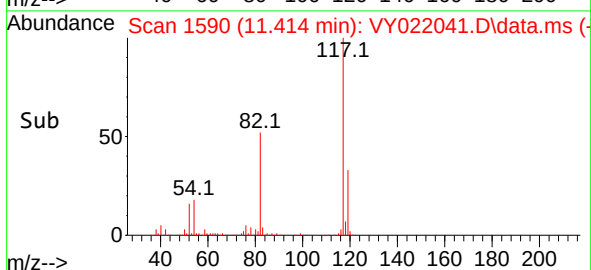
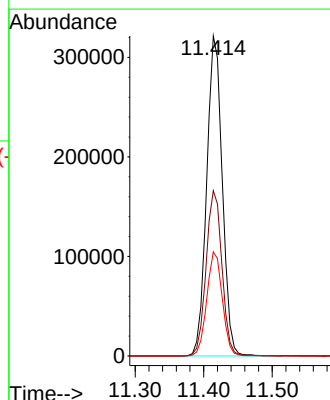
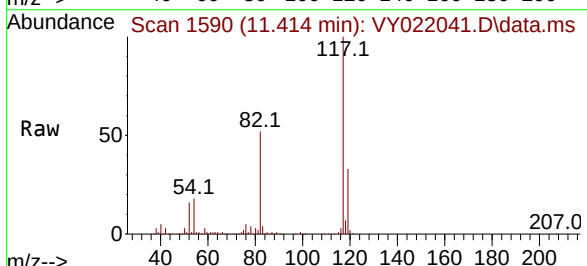
Instrument :
MSVOA_Y
ClientSampleId :
AUD-25-0053

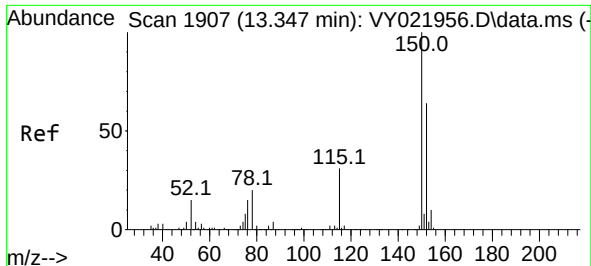
Tgt Ion: 95 Resp: 209262
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.0
176 85.4 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022041.D
Acq: 28 Apr 2025 18:59

Tgt Ion: 117 Resp: 510534
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.6 25.7 38.5

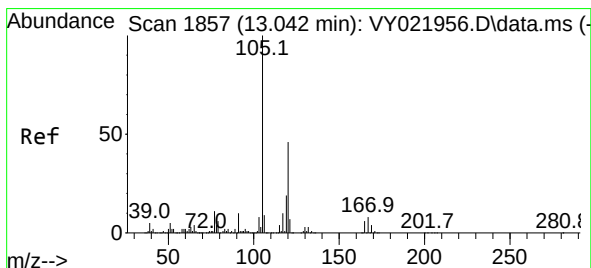
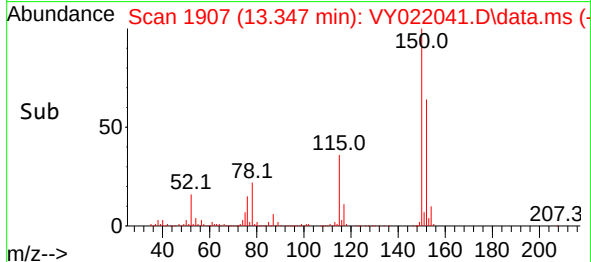
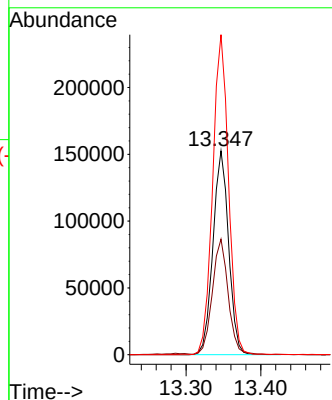
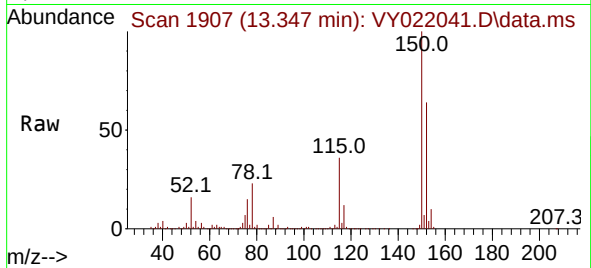




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022041.D
 Acq: 28 Apr 2025 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-25-0053

Tgt Ion:152 Resp: 222586
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.0 84.0
 150 158.8 0.0 345.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.365 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022041.D
 Acq: 28 Apr 2025 18:59

Tgt Ion:105 Resp: 16730
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.4 70.0

