

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041955.D
 Acq On : 27 Jan 2025 16:42
 Operator : SY/MD
 Sample : QC012125 CAN 10268
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 02:39:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

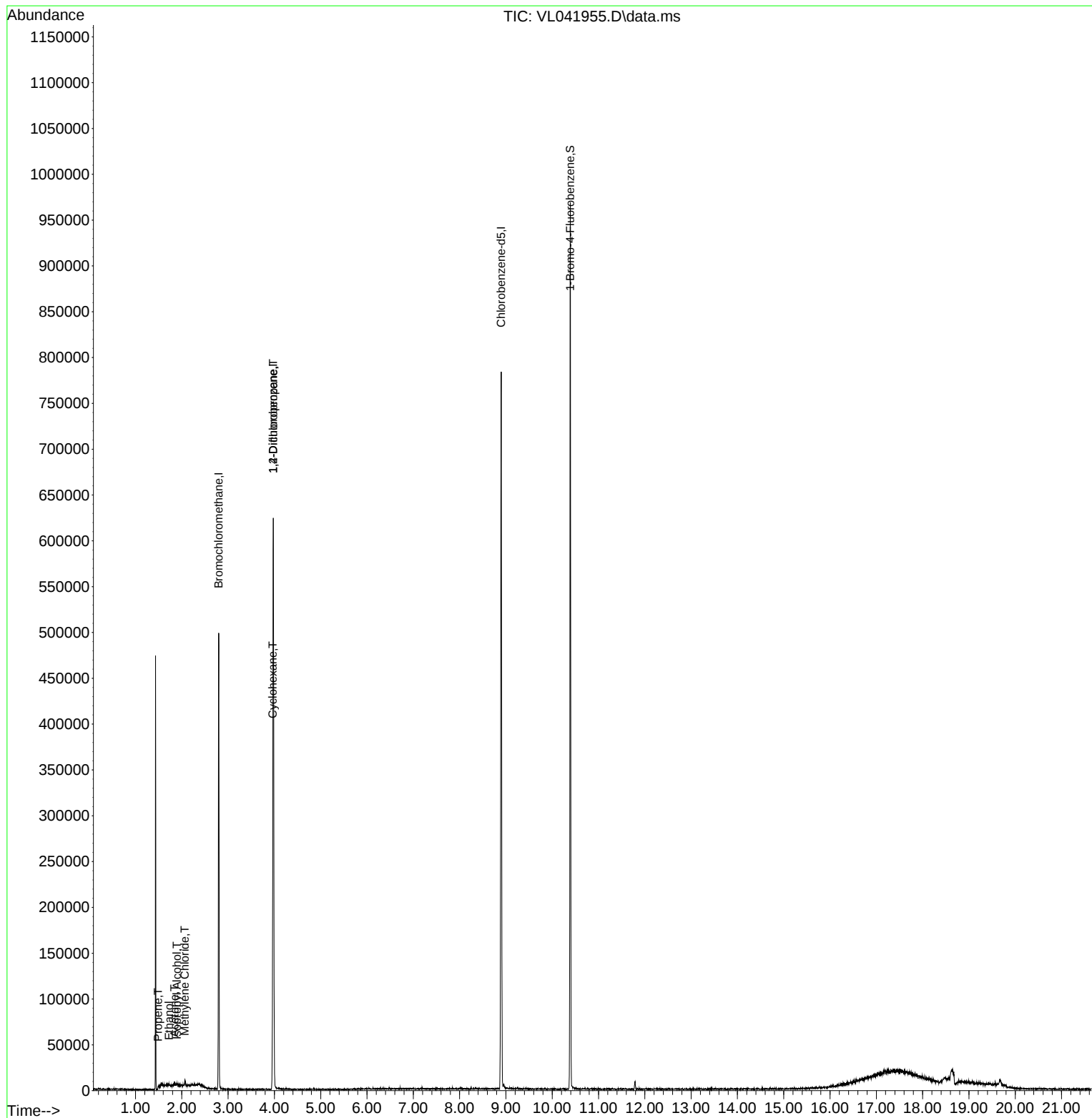
Internal Standards						
1) Bromochloromethane	2.797	49	136545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	361060	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	313747	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	235713	9.538	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
9) Propene	1.489	41	367	0.046	ppbv #	4
13) Ethanol	1.726	45	259	0.441	ppbv #	31
15) Acetone	1.842	43	1589	0.097	ppbv #	87
19) Isopropyl Alcohol	1.894	45	839	0.086	ppbv #	45
20) Methylene Chloride	2.065	84	1020	0.157	ppbv #	83
30) Cyclohexane	3.965	84	2133	0.141	ppbv #	1
39) 1,2-Dichloropropane	3.975	63	89229	7.681	ppbv #	21

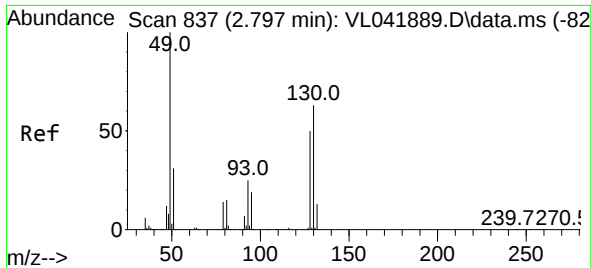
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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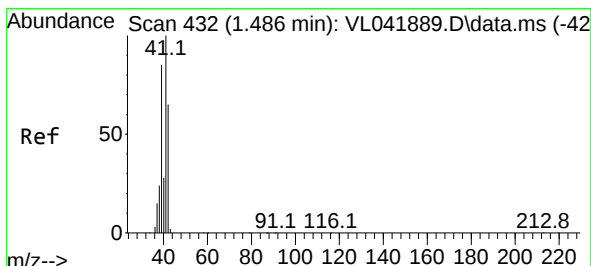
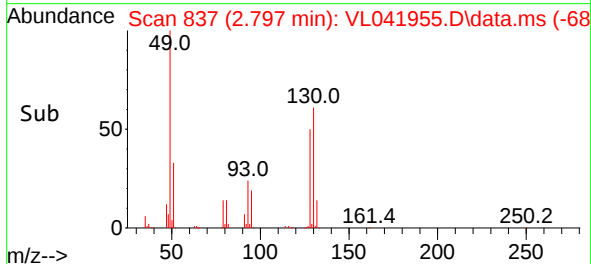
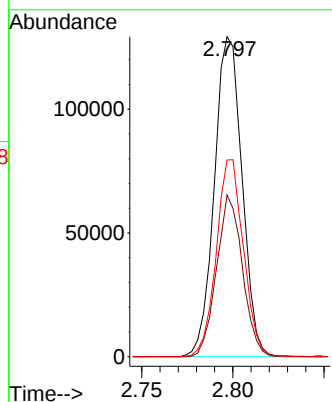
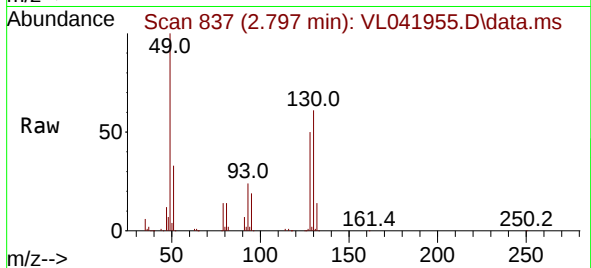




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

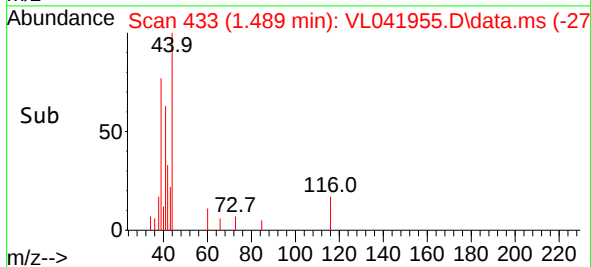
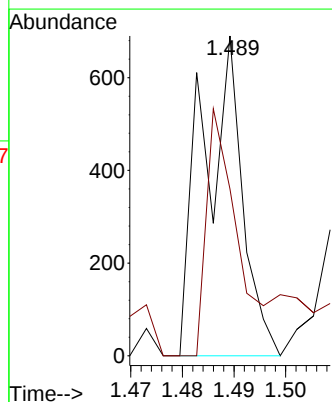
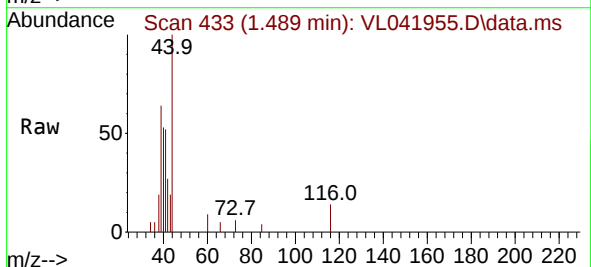
Instrument :
MSVOA_L
ClientSampleId :

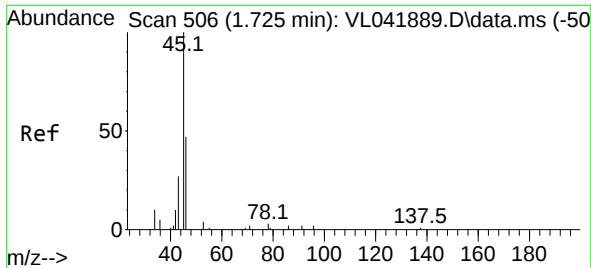
Tgt Ion: 49 Resp: 136545
Ion Ratio Lower Upper
49 100
128 47.2 24.3 73.0
130 60.3 31.1 93.2



#9
Propene
Concen: 0.046 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 41 Resp: 367
Ion Ratio Lower Upper
41 100
42 140.3 52.0 78.0#

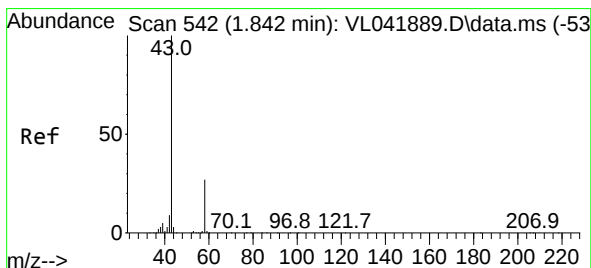
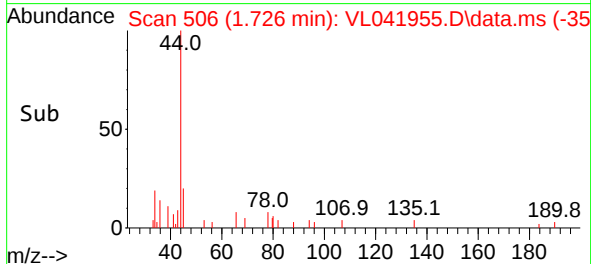
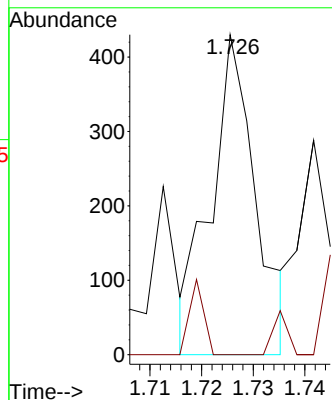
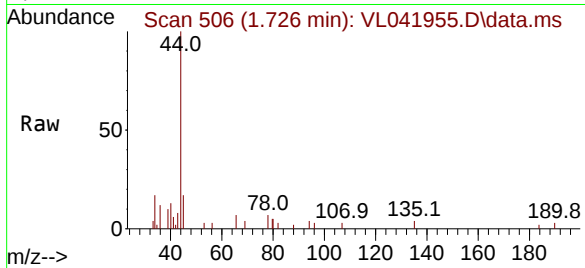




#13
Ethanol
Concen: 0.441 ppbv
RT: 1.726 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

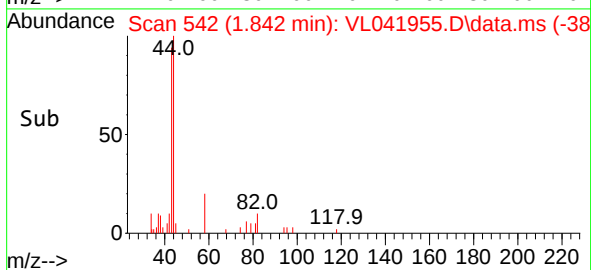
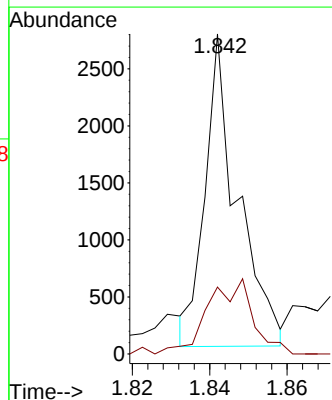
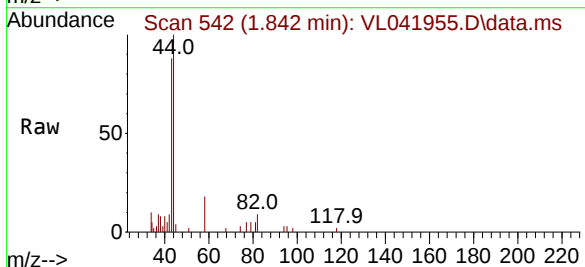
Instrument :
MSVOA_L
ClientSampleId :

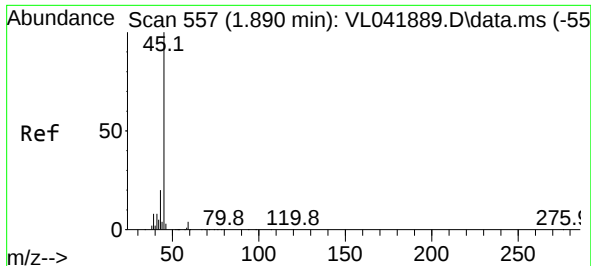
Tgt Ion: 45 Resp: 259
Ion Ratio Lower Upper
45 100
46 0.0 18.1 72.5#



#15
Acetone
Concen: 0.097 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#

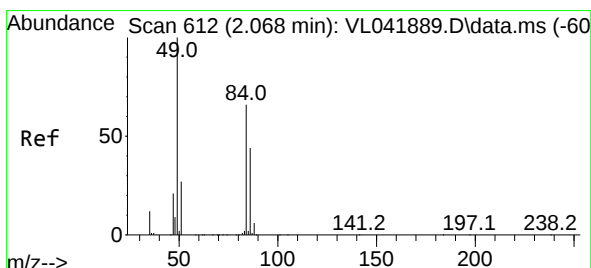
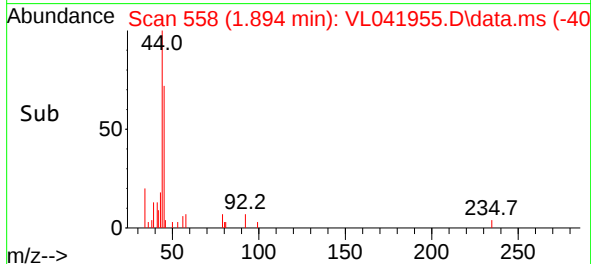
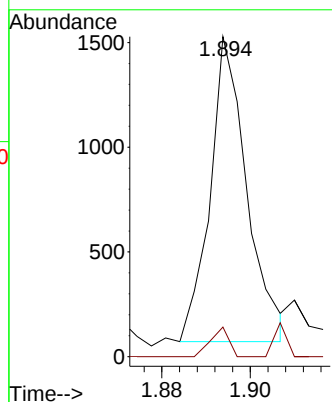
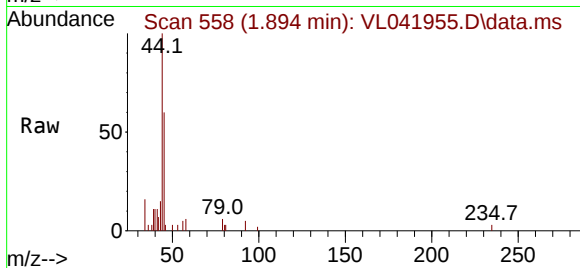




#19
Isopropyl Alcohol
Concen: 0.086 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

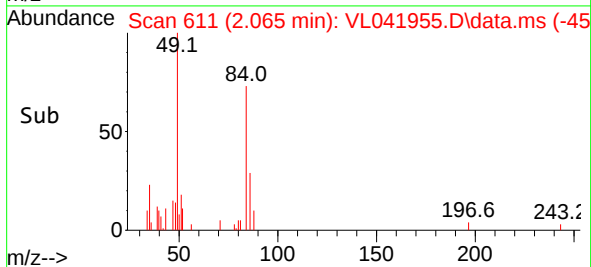
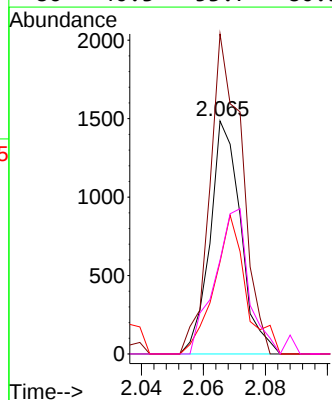
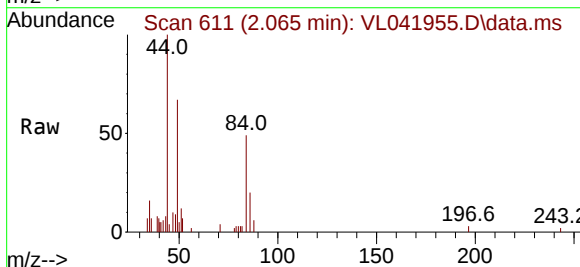
Instrument :
MSVOA_L
ClientSampleId :

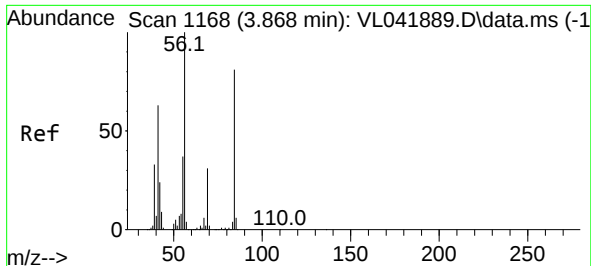
Tgt Ion: 45 Resp: 839
Ion Ratio Lower Upper
45 100
58 8.6 35.0 52.6#



#20
Methylene Chloride
Concen: 0.157 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

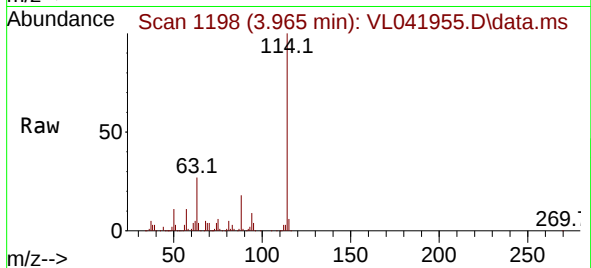
Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 137.4 123.1 184.7
51 39.6 35.8 53.8
86 40.3 53.7 80.5#



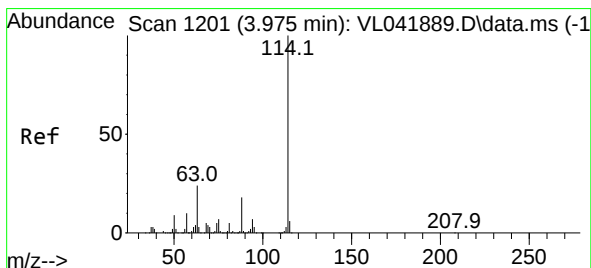
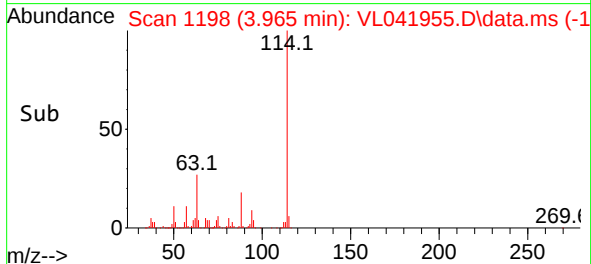
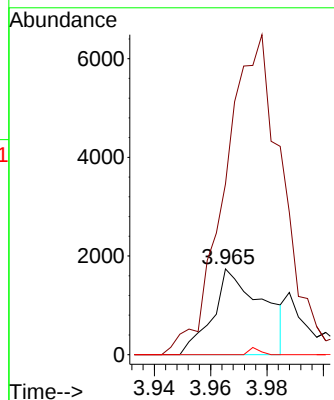


#30
Cyclohexane
Concen: 0.141 ppbv
RT: 3.965 min Scan# 1168
Delta R.T. 0.097 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :

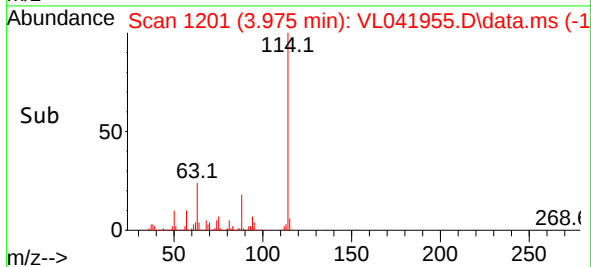
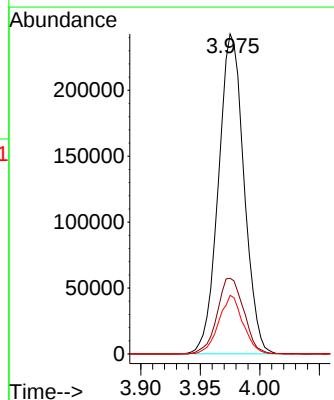
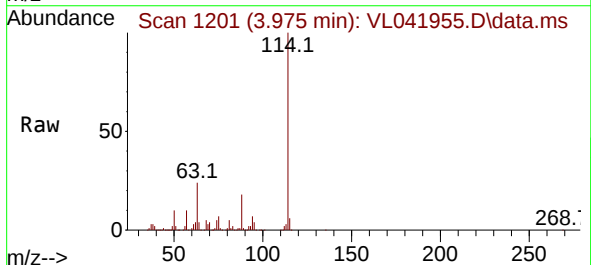


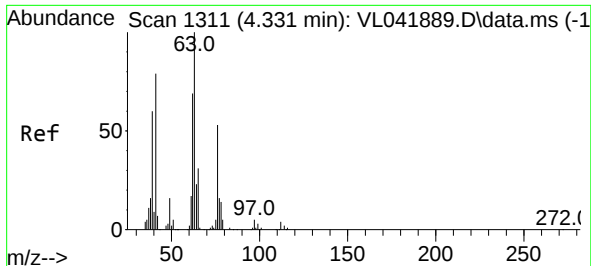
Tgt Ion: 84 Resp: 2133
Ion Ratio Lower Upper
84 100
56 0.0 99.3 148.9#
41 1.5 64.3 96.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:114 Resp: 361060
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.6
88 17.4 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.681 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.356 min

Lab File: VL041955.D

Acq: 27 Jan 2025 16:42

Instrument :

MSVOA_L

ClientSampleId :

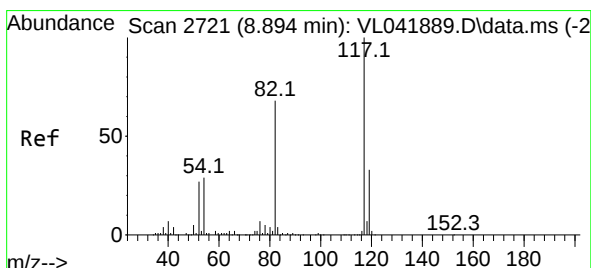
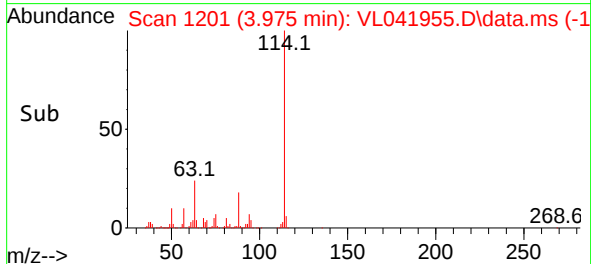
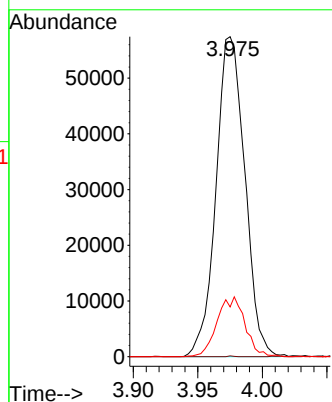
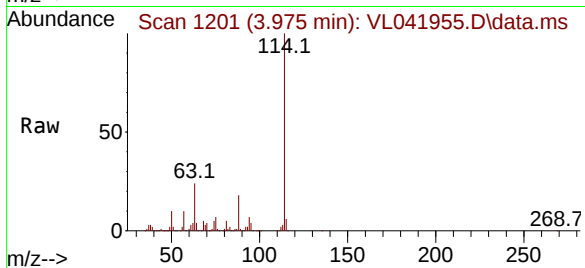
Tgt Ion: 63 Resp: 89229

Ion Ratio Lower Upper

63 100

41 0.3 63.7 95.5#

62 15.5 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2722

Delta R.T. 0.003 min

Lab File: VL041955.D

Acq: 27 Jan 2025 16:42

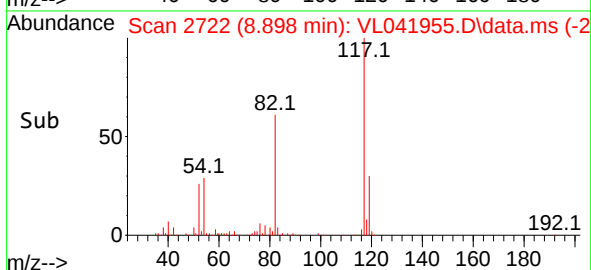
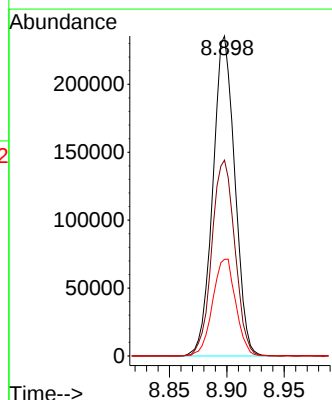
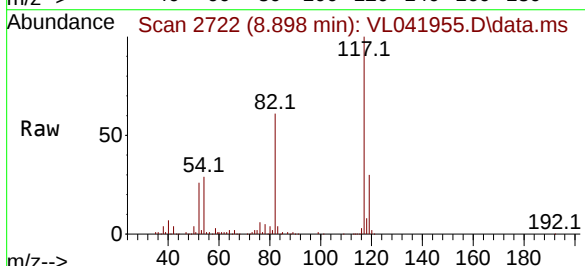
Tgt Ion: 117 Resp: 313747

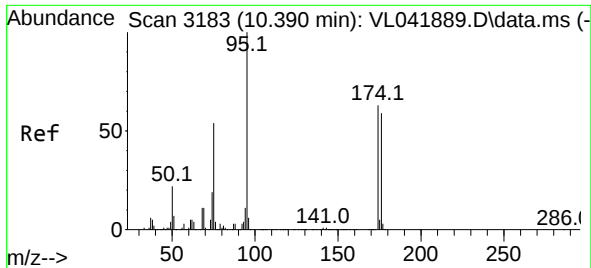
Ion Ratio Lower Upper

117 100

82 64.2 54.2 81.4

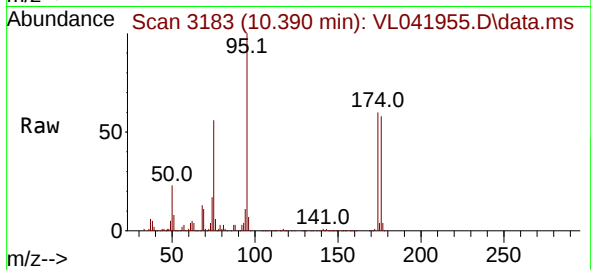
119 31.9 25.0 37.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.538 ppbv
RT: 10.390 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 235713
Ion Ratio Lower Upper
95 100
174 58.9 49.0 73.4
175 4.3 3.8 5.8

