

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042161.D
 Acq On : 17 Mar 2025 17:01
 Operator : SY/MD
 Sample : Q1586-01DL2 600X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 565-SG-1DL2

Quant Time: Mar 18 01:27:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

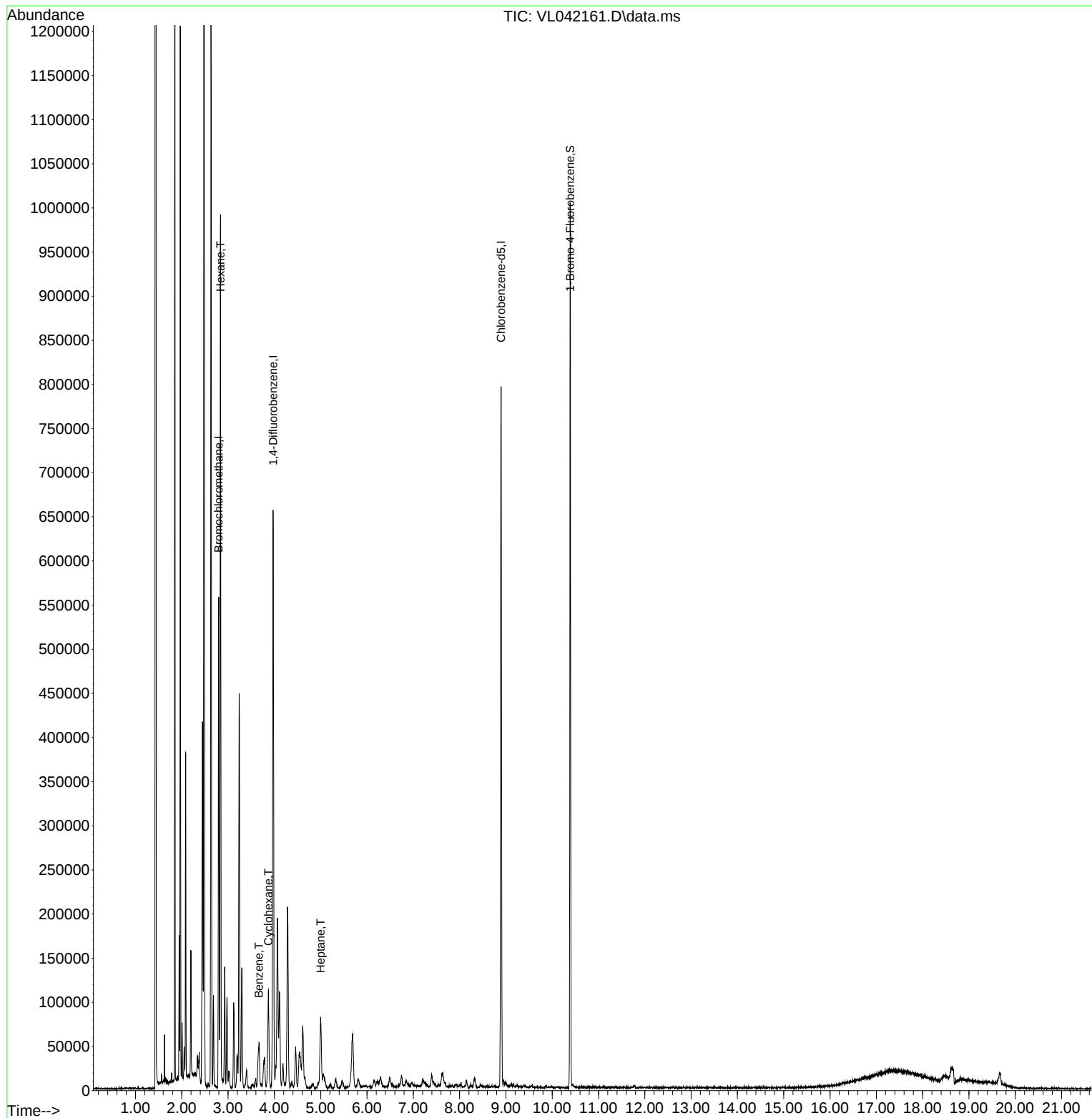
Internal Standards						
1) Bromochloromethane	2.797	49	159357	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	390233	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	317448	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	242589	9.933	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
10) Heptane	4.998	43	29095	0.990	ppbv	91
26) Hexane	2.836	57	235603	10.346	ppbv #	34
30) Cyclohexane	3.872	84	23988	1.298	ppbv #	77
36) Benzene	3.668	78	28676	0.702	ppbv	94

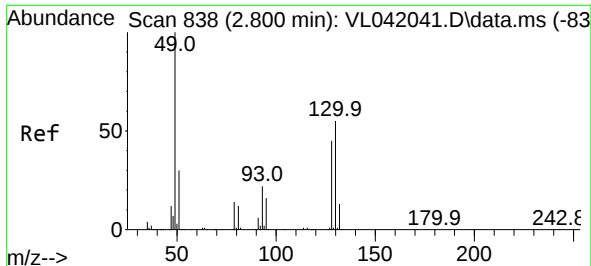
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
Data File : VL042161.D
Acq On : 17 Mar 2025 17:01
Operator : SY/MD
Sample : Q1586-01DL2 600X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2

Quant Time: Mar 18 01:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

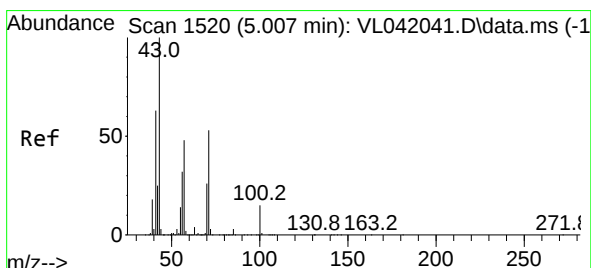
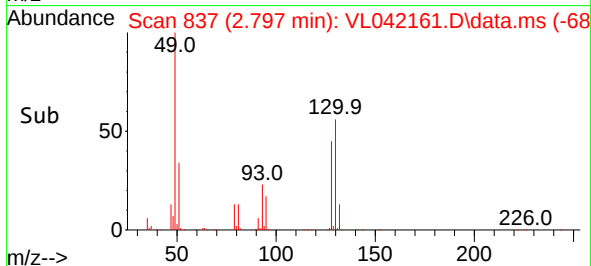
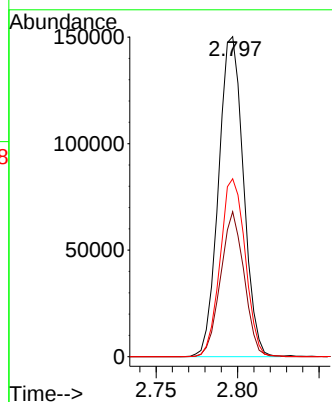
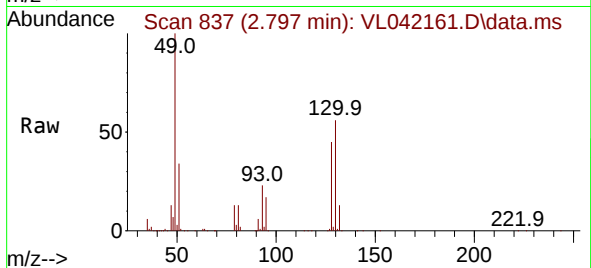




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

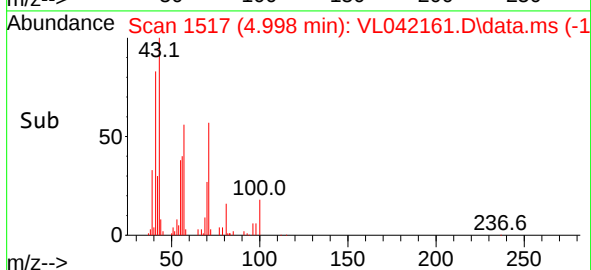
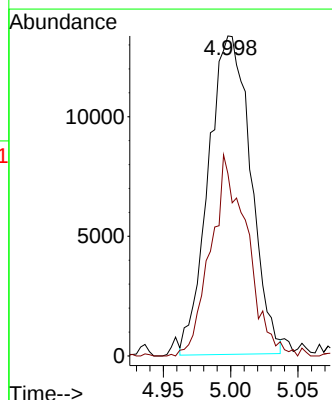
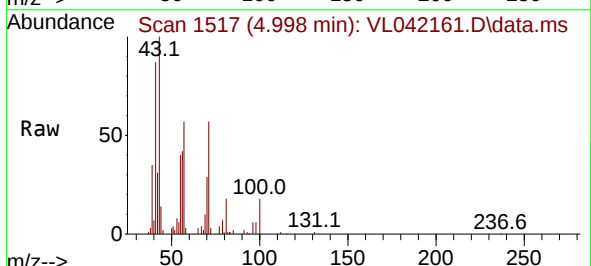
Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2

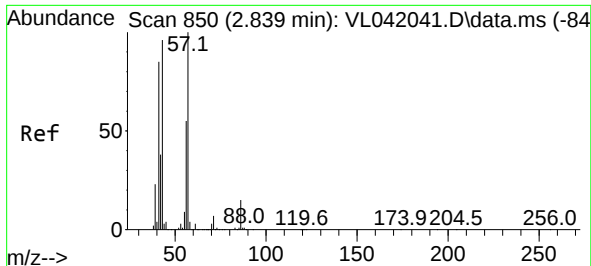
Tgt Ion: 49 Resp: 159357
Ion Ratio Lower Upper
49 100
128 42.8 21.6 64.8
130 56.0 27.8 83.4



#10
Heptane
Concen: 0.990 ppbv
RT: 4.998 min Scan# 1517
Delta R.T. -0.010 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

Tgt Ion: 43 Resp: 29095
Ion Ratio Lower Upper
43 100
57 55.1 39.4 59.0

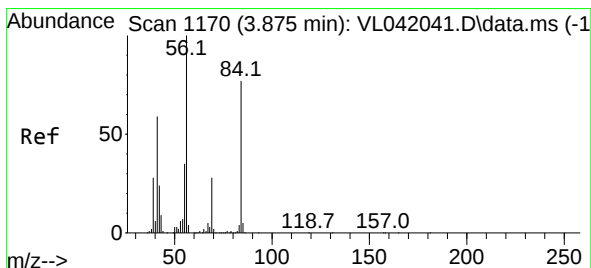
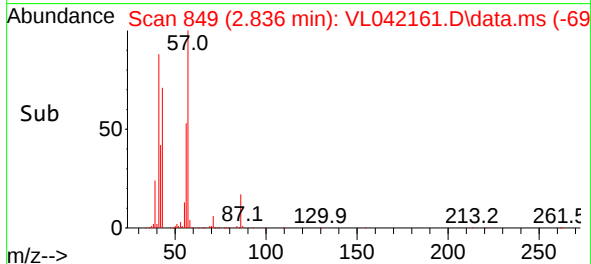
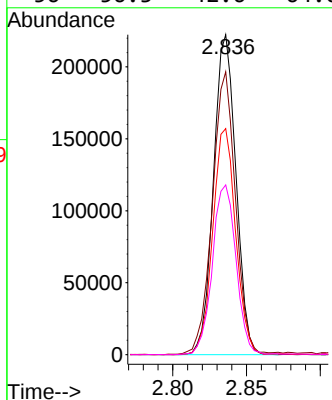
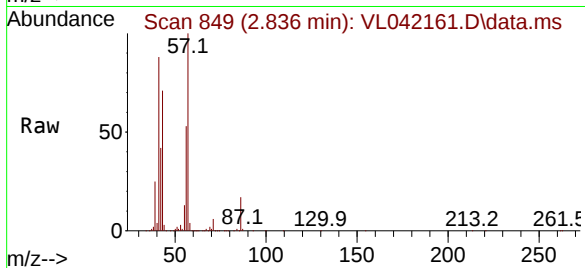




#26
Hexane
Concen: 10.346 ppbv
RT: 2.836 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

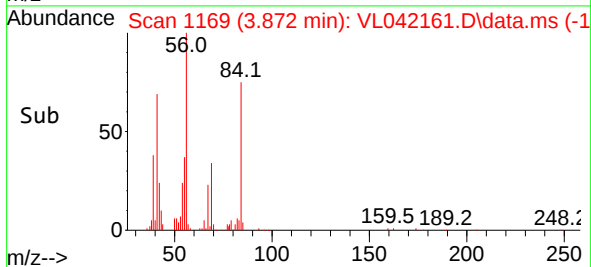
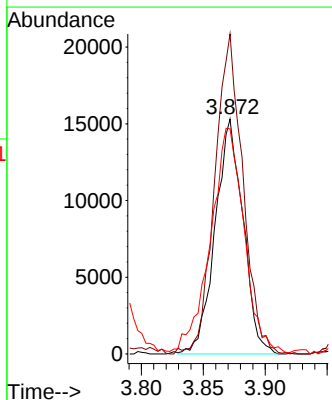
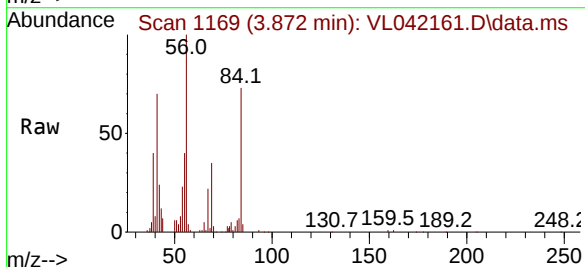
Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2

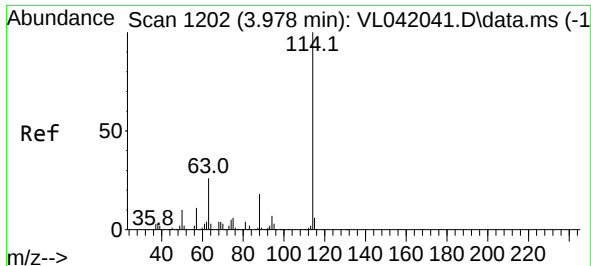
Tgt Ion: 57 Resp: 235603
Ion Ratio Lower Upper
57 100
41 92.1 70.6 106.0
43 72.4 199.4 299.0#
56 56.3 42.6 64.0



#30
Cyclohexane
Concen: 1.298 ppbv
RT: 3.872 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

Tgt Ion: 84 Resp: 23988
Ion Ratio Lower Upper
84 100
56 137.5 101.5 152.3
41 118.0 62.6 93.8#

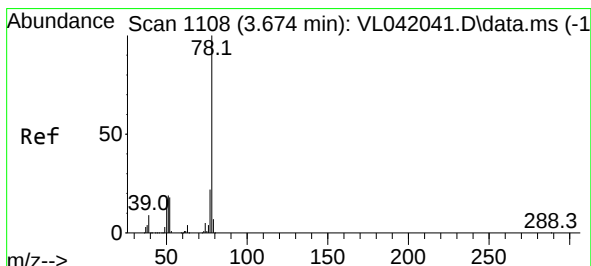
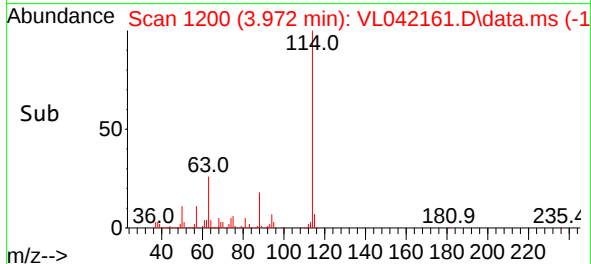
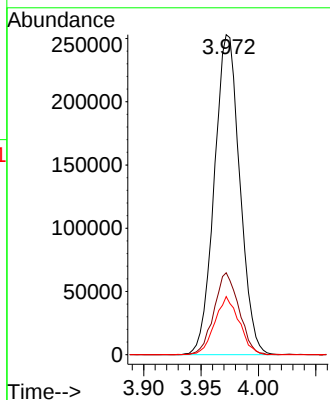
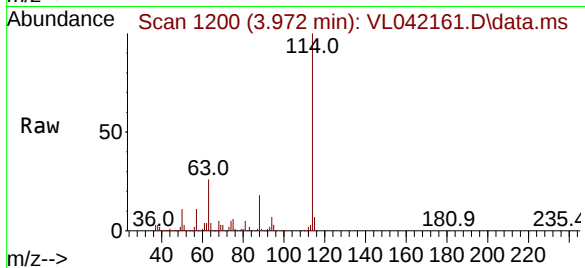




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

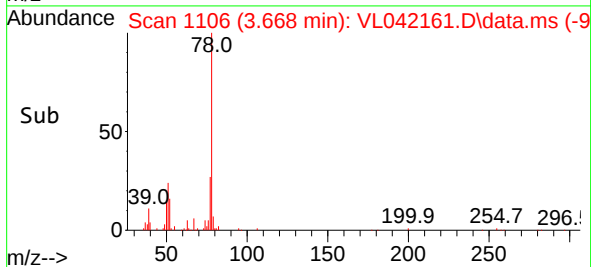
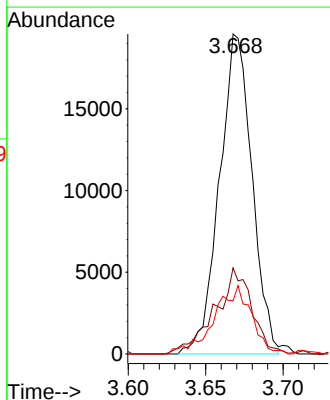
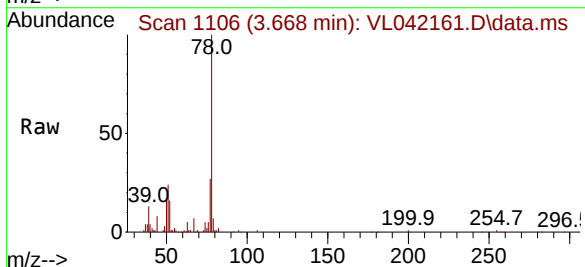
Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2

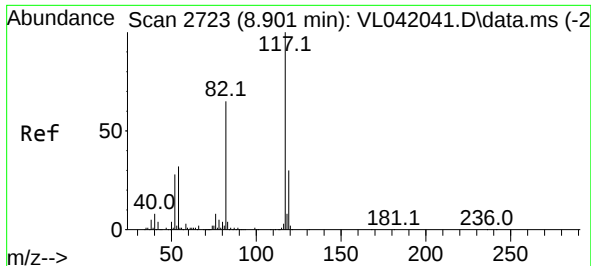
Tgt Ion:114 Resp: 390233
Ion Ratio Lower Upper
114 100
63 25.2 20.1 30.1
88 17.5 14.3 21.5



#36
Benzene
Concen: 0.702 ppbv
RT: 3.668 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

Tgt Ion: 78 Resp: 28676
Ion Ratio Lower Upper
78 100
77 25.3 17.7 26.5
50 15.5 13.9 20.9

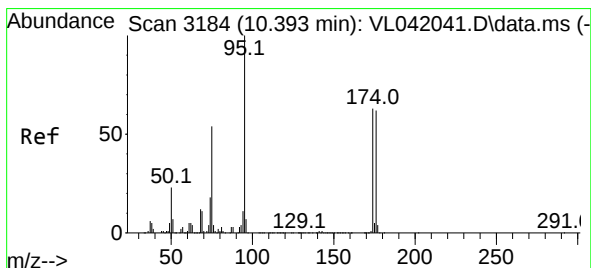
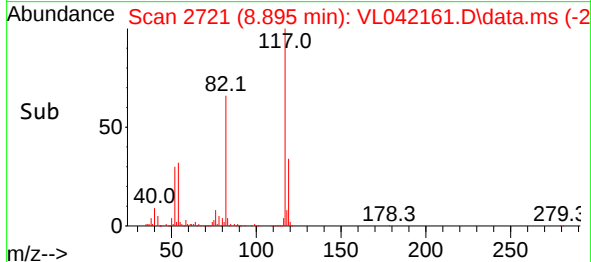
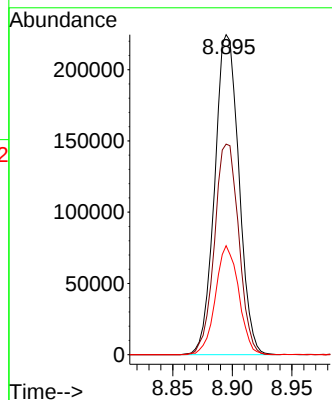
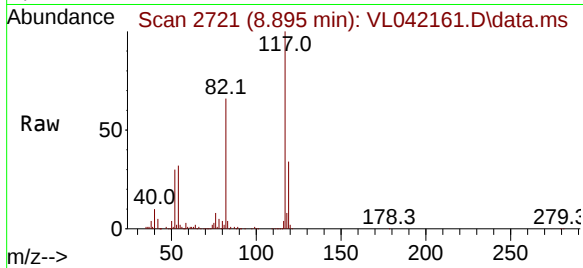




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

Instrument :
MSVOA_L
ClientSampleId :
565-SG-1DL2

Tgt Ion:117 Resp: 317448
Ion Ratio Lower Upper
117 100
82 66.1 55.0 82.6
119 32.8 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.933 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.006 min
Lab File: VL042161.D
Acq: 17 Mar 2025 17:01

Tgt Ion: 95 Resp: 242589
Ion Ratio Lower Upper
95 100
174 65.0 51.8 77.6
175 4.7 3.9 5.9

