

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
 Data File : VL042664.D
 Acq On : 23 Jun 2025 09:56
 Operator : SY/MD
 Sample : VL0623ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0623ABL01

Quant Time: Jun 24 06:40:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

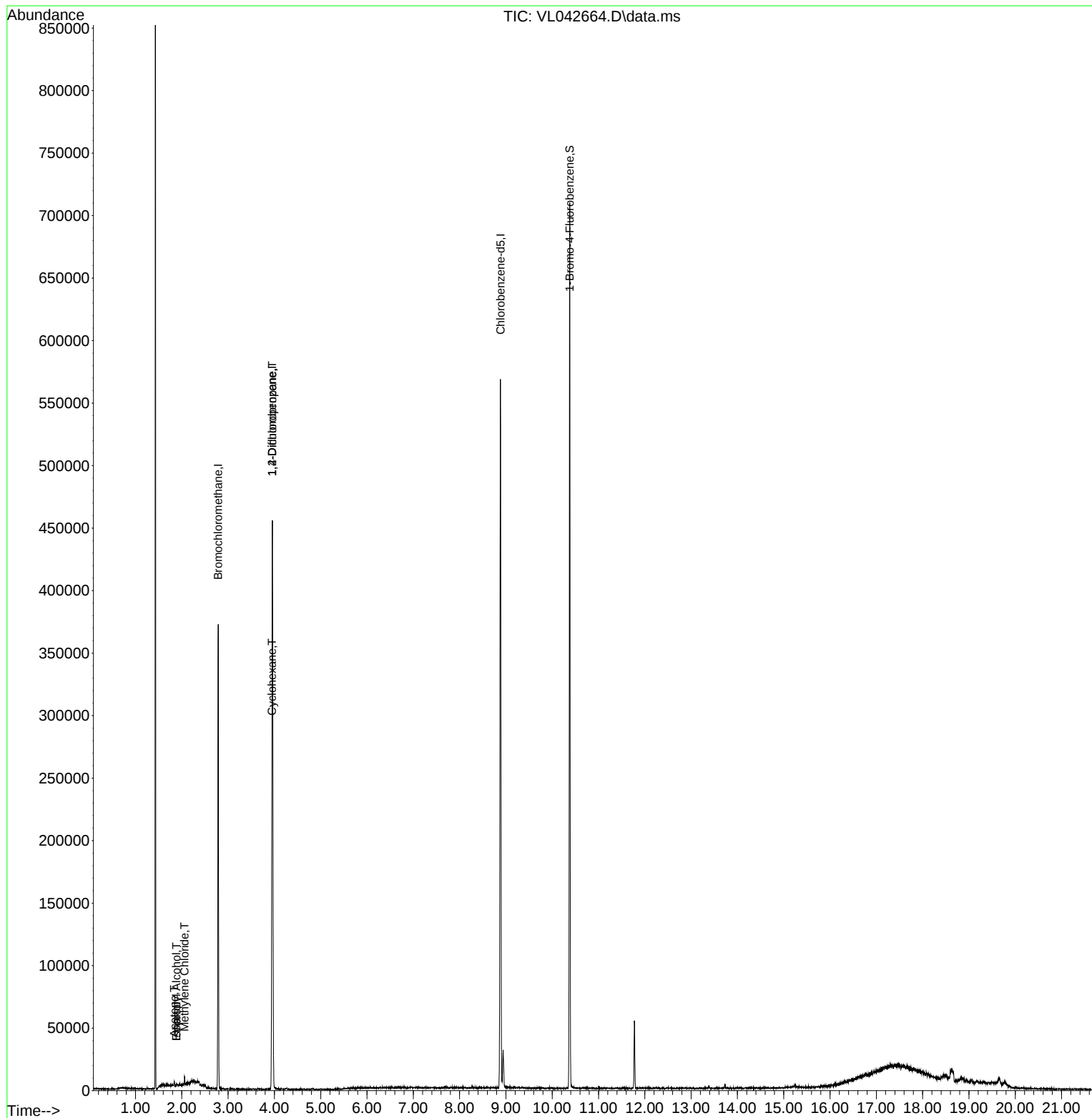
Internal Standards						
1) Bromochloromethane	2.787	49	104996	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	262845	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	229439	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	173734	10.101	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						
					Qvalue	
13) Ethanol	1.884	45	355	0.416	ppbv #	39
15) Acetone	1.836	43	1789	0.141	ppbv	94
19) Isopropyl Alcohol	1.884	45	355	0.047	ppbv #	1
20) Methylene Chloride	2.059	84	915	0.219	ppbv #	80
30) Cyclohexane	3.946	84	518	0.040	ppbv #	6
39) 1,2-Dichloropropane	3.956	63	68701	7.177	ppbv #	23

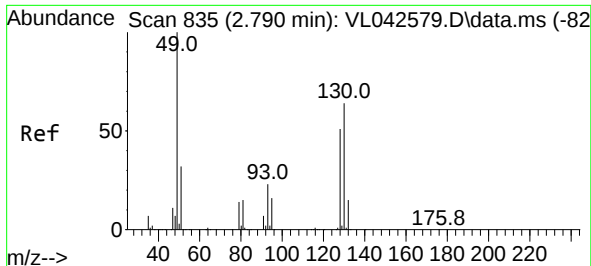
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
Data File : VL042664.D
Acq On : 23 Jun 2025 09:56
Operator : SY/MD
Sample : VL0623ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0623ABL01

Quant Time: Jun 24 06:40:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

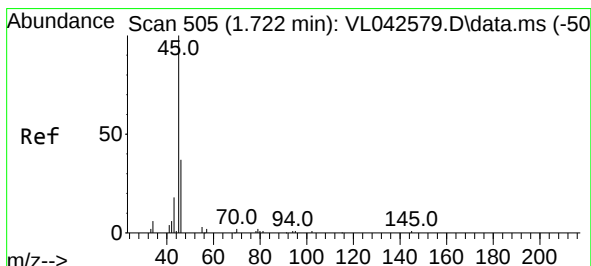
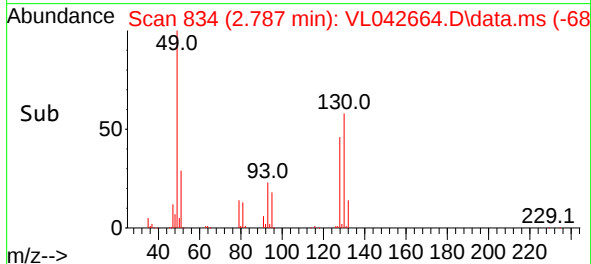
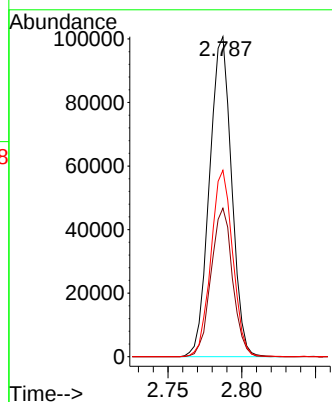
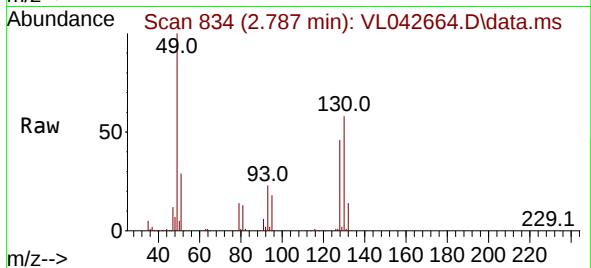




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

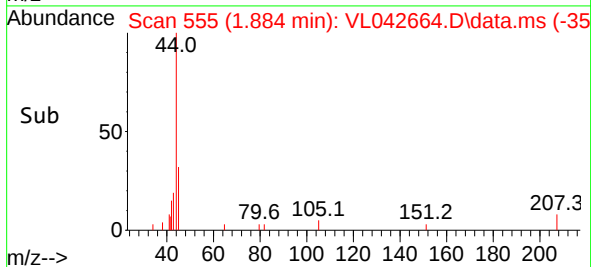
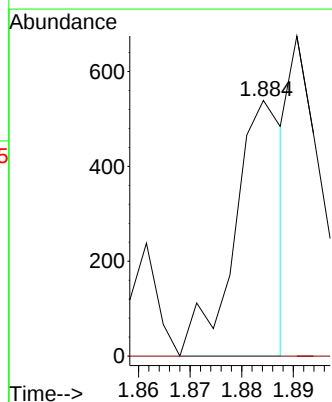
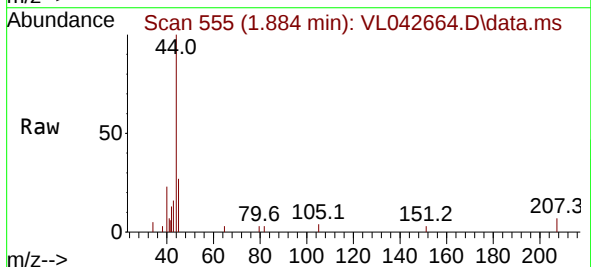
Instrument :
MSVOA_L
ClientSampleId :
VL0623ABL01

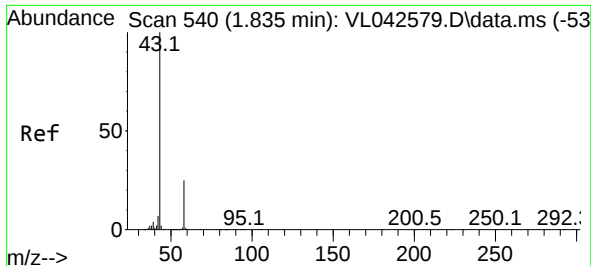
Tgt Ion: 49 Resp: 104996
Ion Ratio Lower Upper
49 100
128 45.2 24.2 72.6
130 57.4 30.4 91.2



#13
Ethanol
Concen: 0.416 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.162 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

Tgt Ion: 45 Resp: 355
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1#

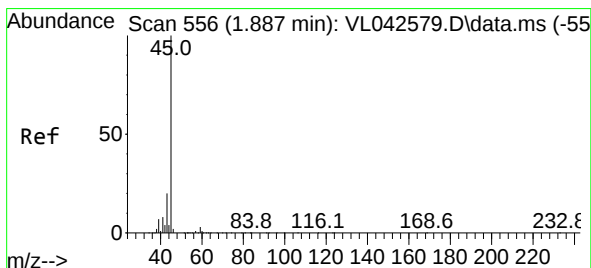
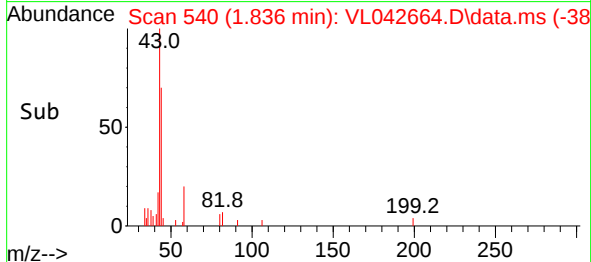
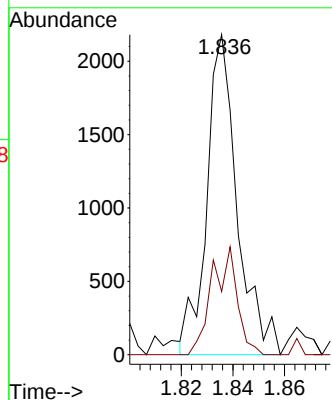
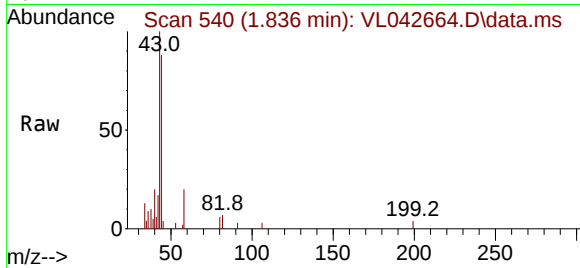




#15
Acetone
Concen: 0.141 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

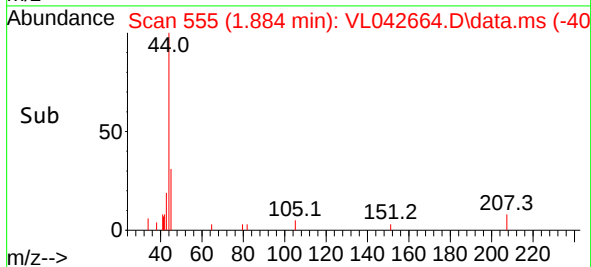
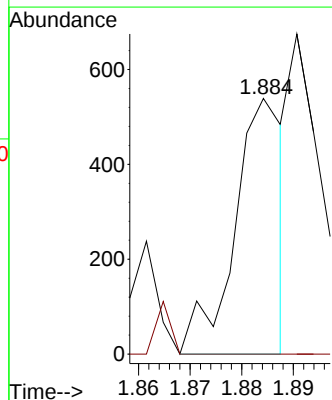
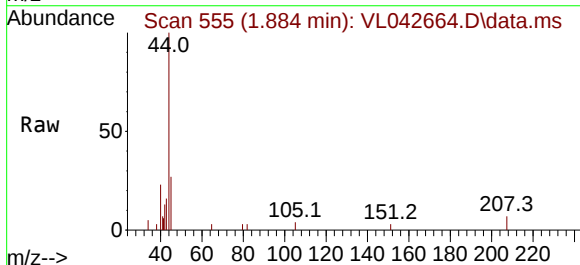
Instrument :
MSVOA_L
ClientSampleId :
VL0623ABL01

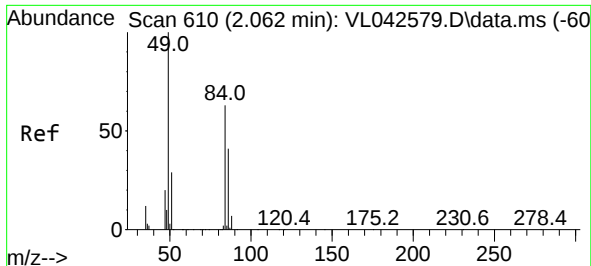
Tgt Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
58 29.2 21.0 31.4



#19
Isopropyl Alcohol
Concen: 0.047 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.003 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

Tgt Ion: 45 Resp: 355
Ion Ratio Lower Upper
45 100
58 140.8 29.4 44.2#

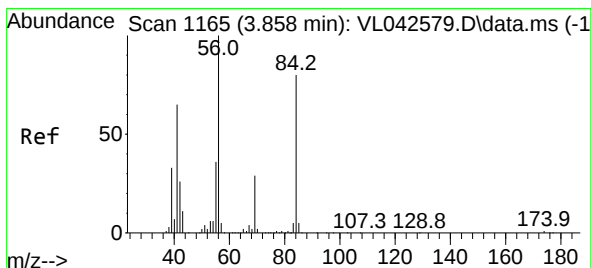
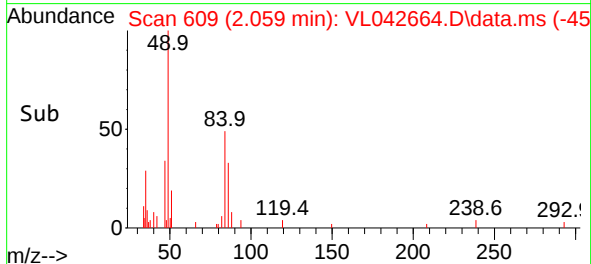
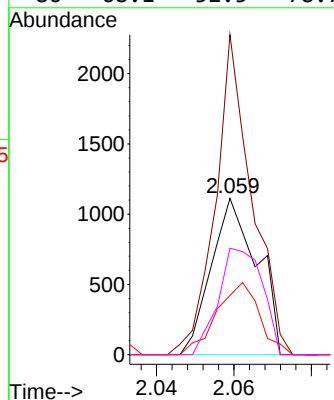
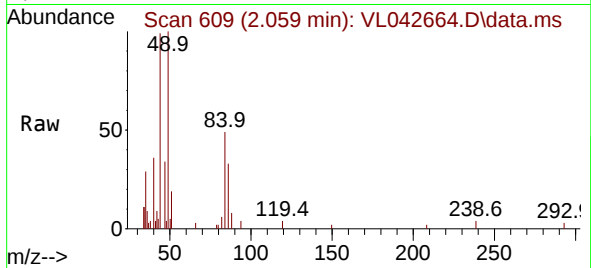




#20
Methylene Chloride
Concen: 0.219 ppbv
RT: 2.059 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

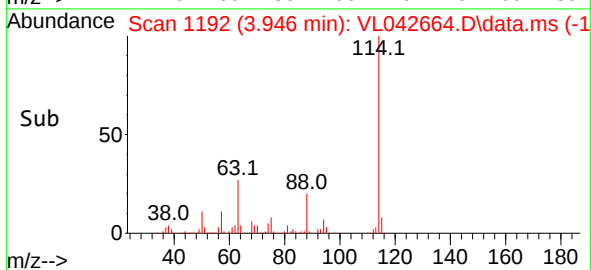
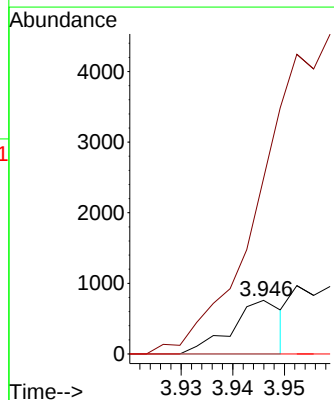
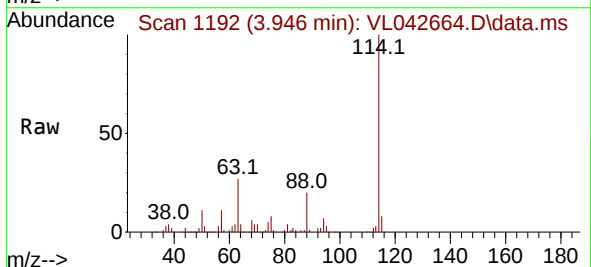
Instrument :
MSVOA_1
ClientSampleId :
VL0623ABL01

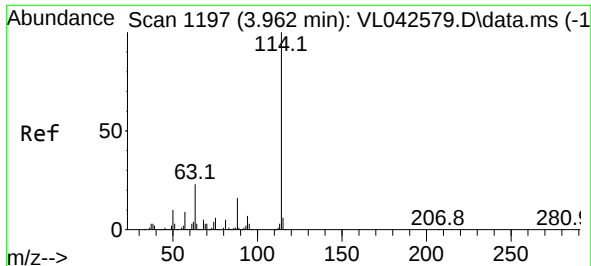
Tgt Ion: 84 Resp: 915
Ion Ratio Lower Upper
84 100
49 197.9 128.8 193.2#
51 37.9 38.6 57.8#
86 68.1 52.5 78.7



#30
Cyclohexane
Concen: 0.040 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. 0.088 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

Tgt Ion: 84 Resp: 518
Ion Ratio Lower Upper
84 100
56 0.0 103.7 155.5#
41 21.6 65.1 97.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. -0.006 min

Lab File: VL042664.D

Acq: 23 Jun 2025 09:56

Instrument :

MSVOA_1

ClientSampleId :

VL0623ABL01

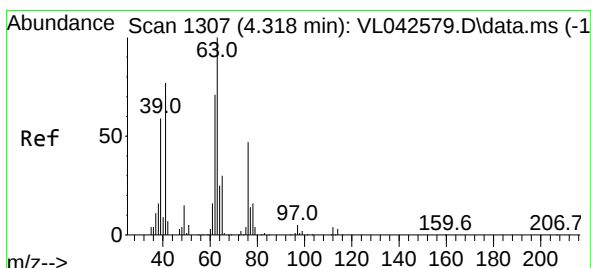
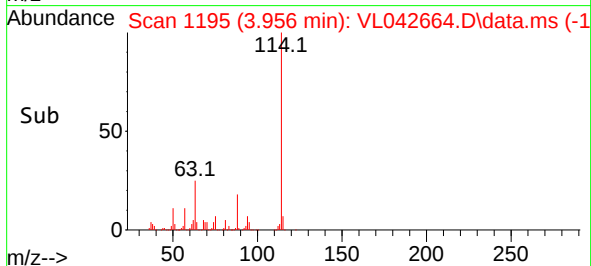
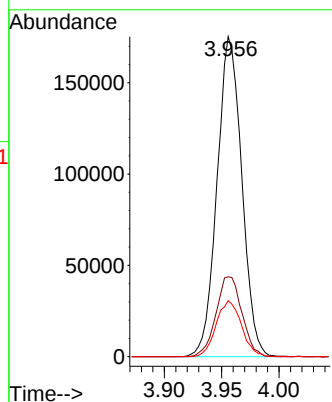
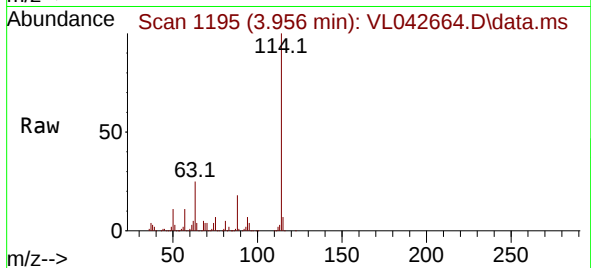
Tgt Ion:114 Resp: 262845

Ion Ratio Lower Upper

114 100

63 26.2 19.0 28.6

88 17.9 13.6 20.4



#39

1,2-Dichloropropane

Concen: 7.177 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. -0.362 min

Lab File: VL042664.D

Acq: 23 Jun 2025 09:56

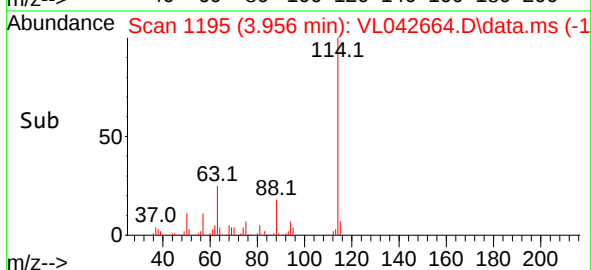
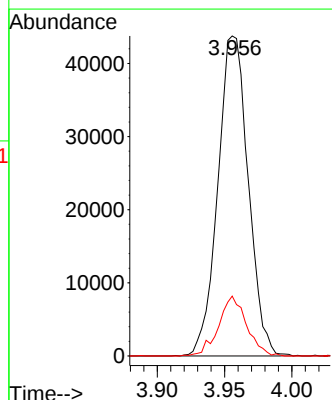
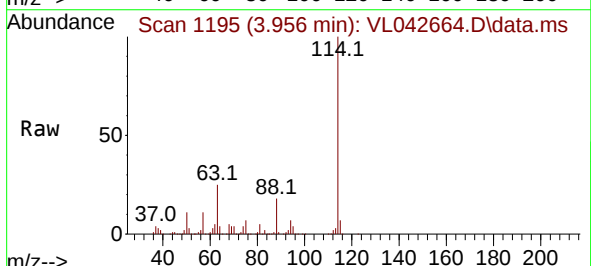
Tgt Ion: 63 Resp: 68701

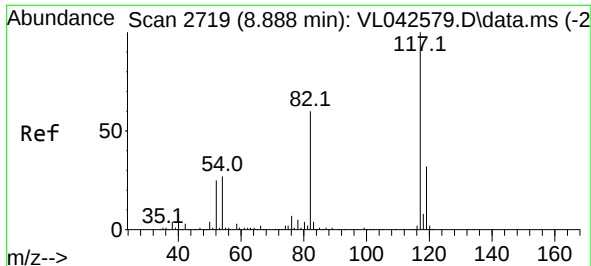
Ion Ratio Lower Upper

63 100

41 0.0 61.8 92.6#

62 18.7 56.6 85.0#

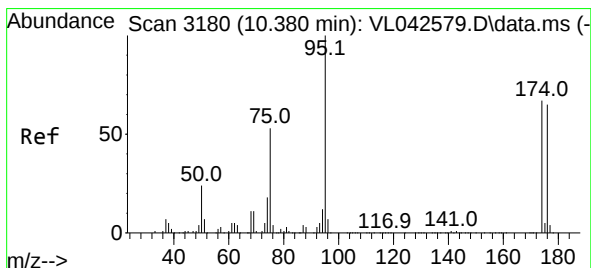
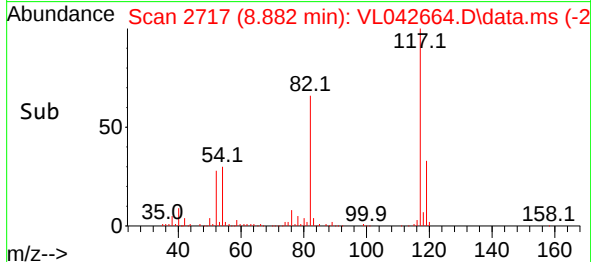
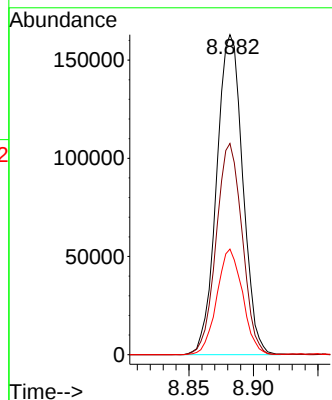
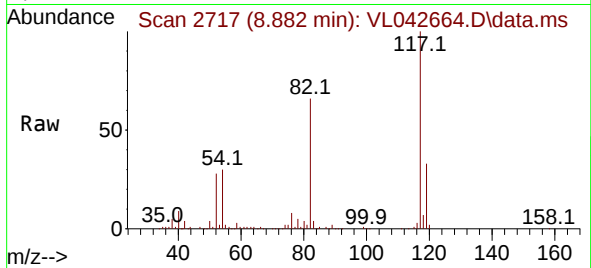




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 211
Delta R.T. -0.006 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

Instrument :
MSVOA_1
ClientSampleId :
VL0623ABL01

Tgt Ion:117 Resp: 229439
Ion Ratio Lower Upper
117 100
82 65.7 51.2 76.8
119 32.5 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.101 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VL042664.D
Acq: 23 Jun 2025 09:56

Tgt Ion: 95 Resp: 173734
Ion Ratio Lower Upper
95 100
174 62.0 53.1 79.7
175 4.6 4.2 6.2

