

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042635.D
 Acq On : 16 Jun 2025 18:38
 Operator : SY/MD
 Sample : Q041825 CAN 33628
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041825 CAN 33628

Quant Time: Jun 17 03:09:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

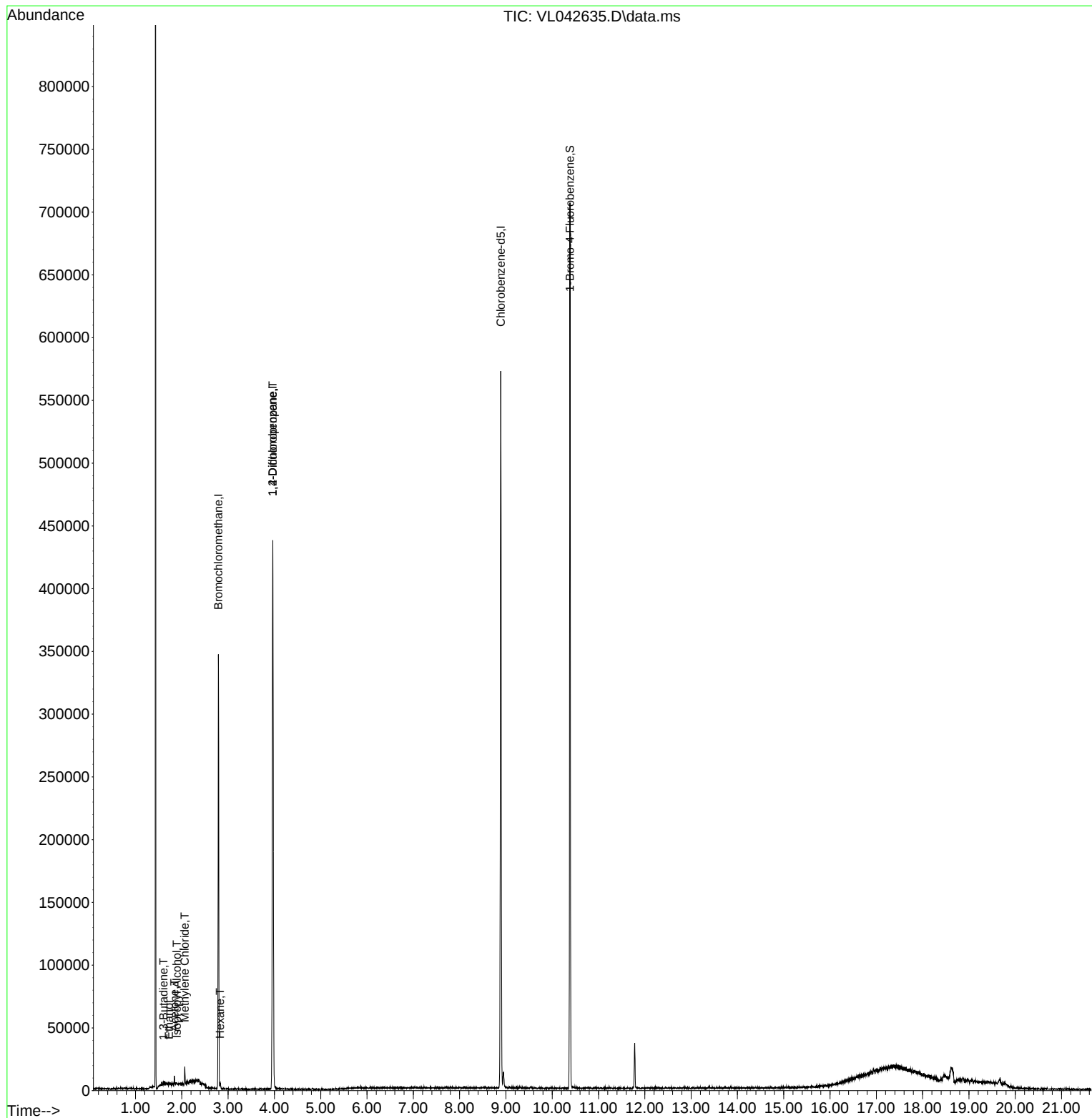
Internal Standards						
1) Bromochloromethane	2.790	49	95799	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	251218	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	221734	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	167623	10.085	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%
Target Compounds						
						Qvalue
13) Ethanol	1.722	45	213	0.274	ppbv #	39
15) Acetone	1.839	43	2708	0.235	ppbv #	87
16) 1,3-Butadiene	1.606	39	349	0.064	ppbv #	13
19) Isopropyl Alcohol	1.890	45	291	0.042	ppbv #	1
20) Methylene Chloride	2.065	84	2039	0.535	ppbv	91
26) Hexane	2.826	57	582	0.041	ppbv #	1
39) 1,2-Dichloropropane	3.965	63	65368	7.145	ppbv #	22

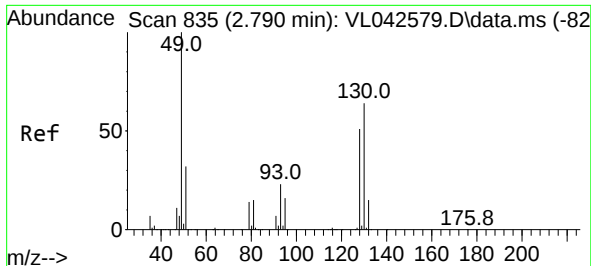
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
Data File : VL042635.D
Acq On : 16 Jun 2025 18:38
Operator : SY/MD
Sample : Q041825 CAN 33628
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

Quant Time: Jun 17 03:09:22 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

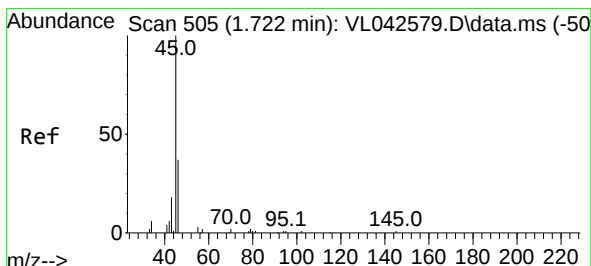
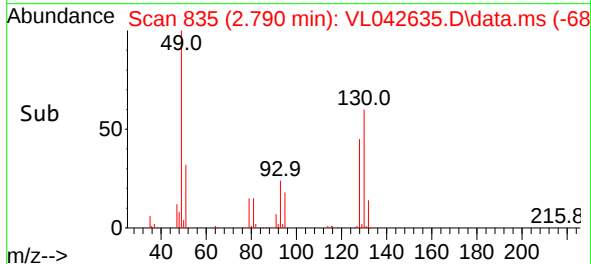
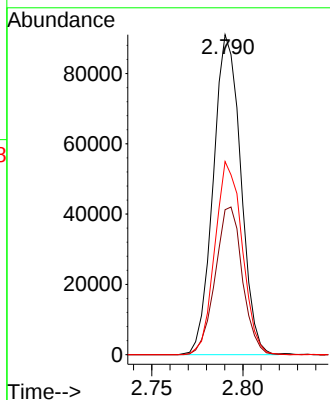
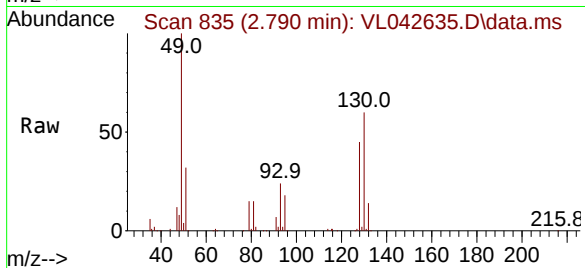




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

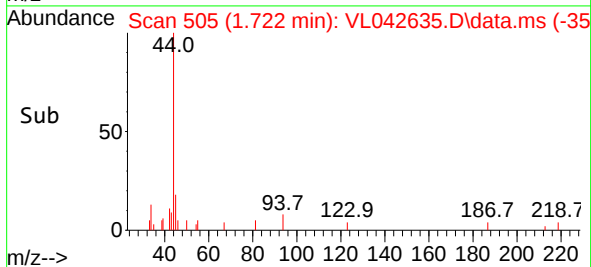
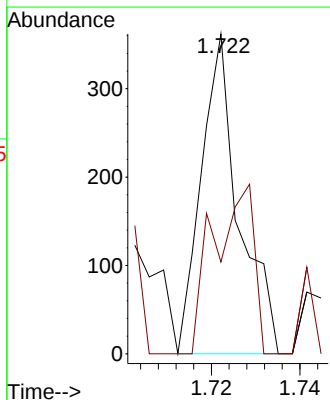
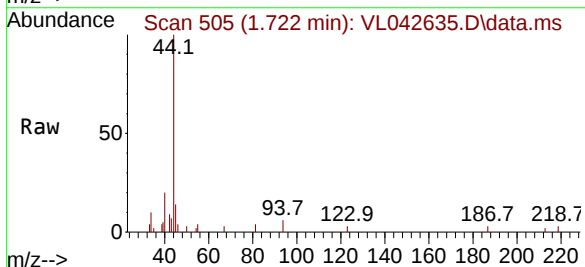
Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

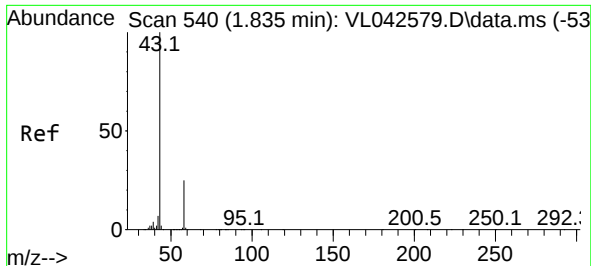
Tgt Ion: 49 Resp: 95799
Ion Ratio Lower Upper
49 100
128 45.5 24.2 72.6
130 59.8 30.4 91.2



#13
Ethanol
Concen: 0.274 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Tgt Ion: 45 Resp: 213
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1#





#15

Acetone

Concen: 0.235 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042635.D

Acq: 16 Jun 2025 18:38

Instrument :

MSVOA_L

ClientSampleId :

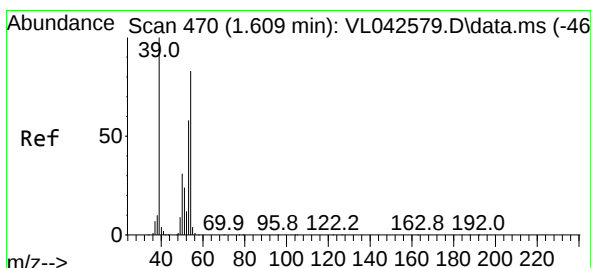
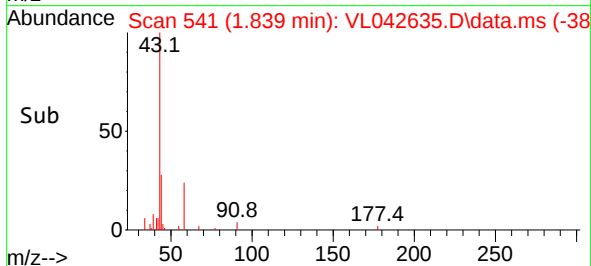
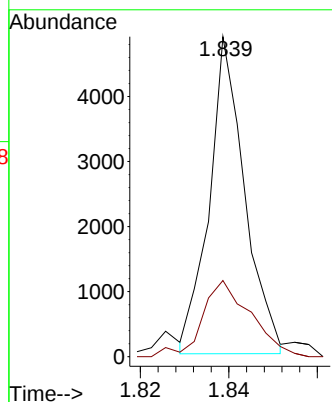
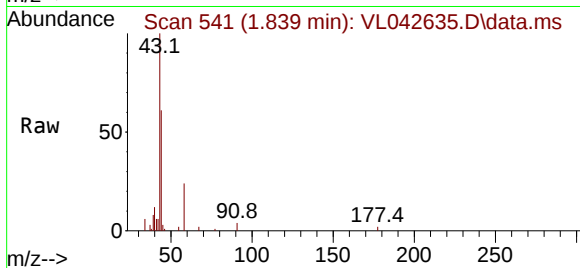
QC041825 CAN 33628

Tgt Ion: 43 Resp: 2708

Ion Ratio Lower Upper

43 100

58 32.9 21.0 31.4#



#16

1,3-Butadiene

Concen: 0.064 ppbv

RT: 1.606 min Scan# 469

Delta R.T. -0.003 min

Lab File: VL042635.D

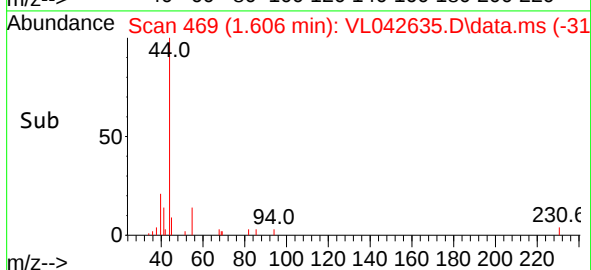
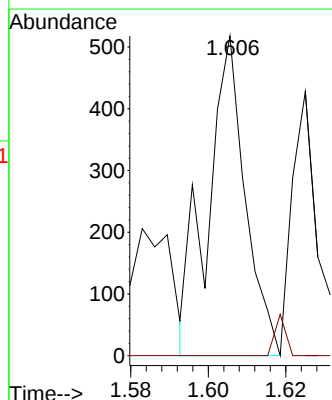
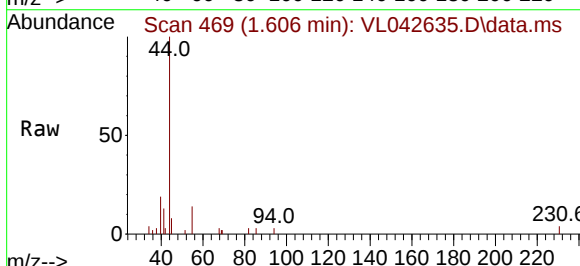
Acq: 16 Jun 2025 18:38

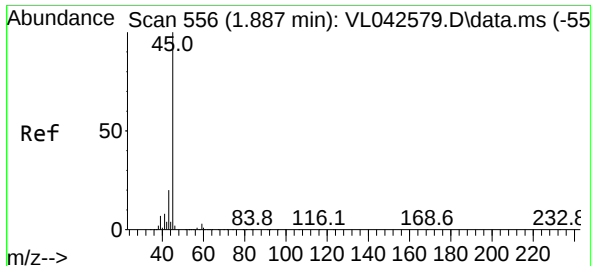
Tgt Ion: 39 Resp: 349

Ion Ratio Lower Upper

39 100

54 0.0 57.9 86.9#

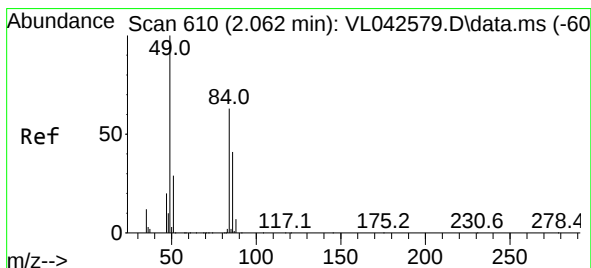
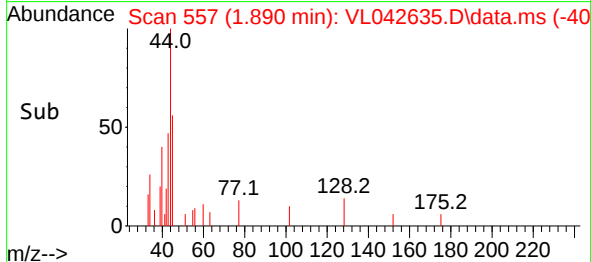
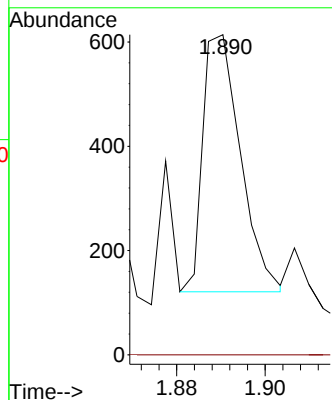
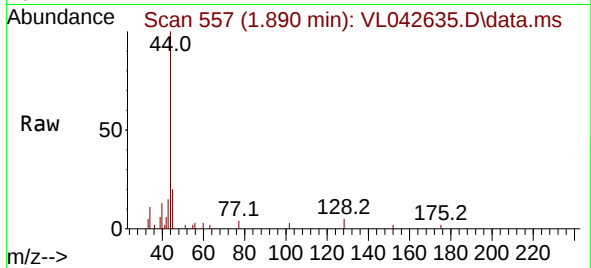




#19
Isopropyl Alcohol
Concen: 0.042 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

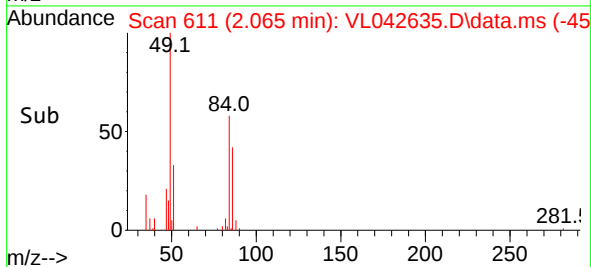
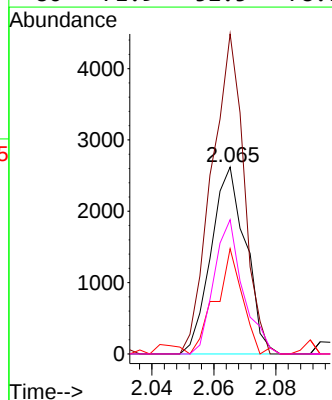
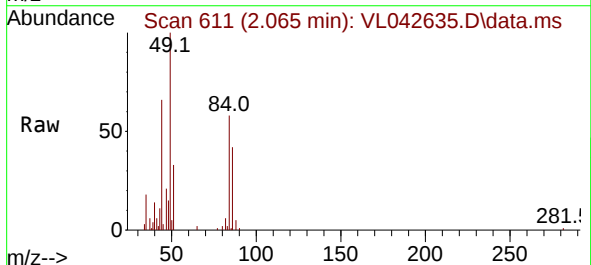
Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

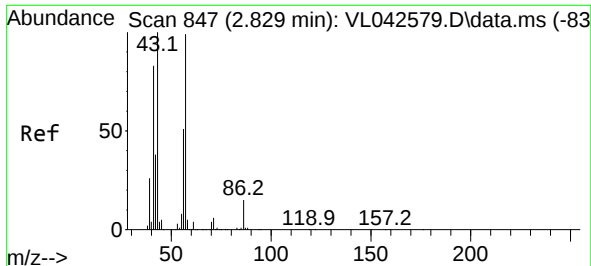
Tgt Ion: 45 Resp: 291
Ion Ratio Lower Upper
45 100
58 305.8 29.4 44.2#



#20
Methylene Chloride
Concen: 0.535 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Tgt Ion: 84 Resp: 2039
Ion Ratio Lower Upper
84 100
49 171.3 128.8 193.2
51 56.4 38.6 57.8
86 71.9 52.5 78.7

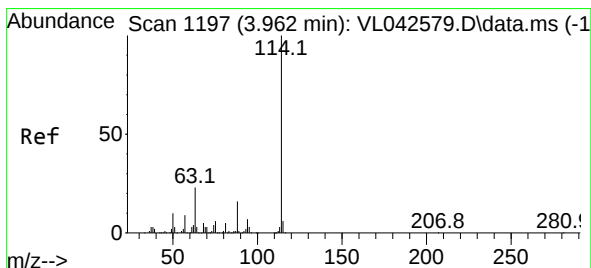
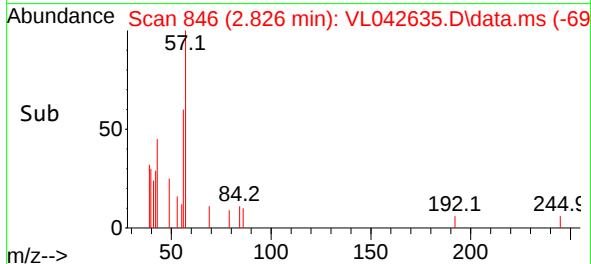
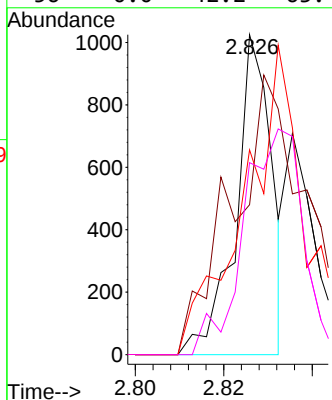
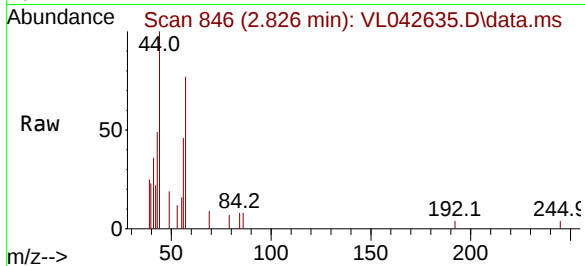




#26
Hexane
Concen: 0.041 ppbv
RT: 2.826 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

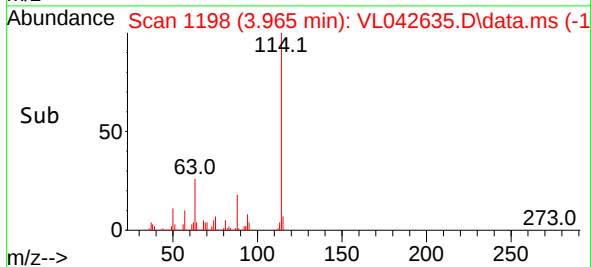
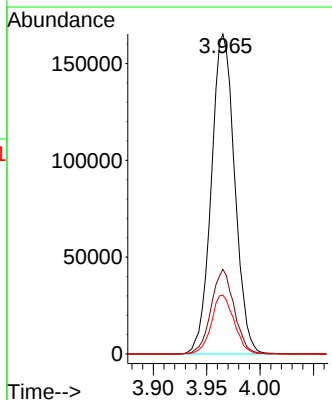
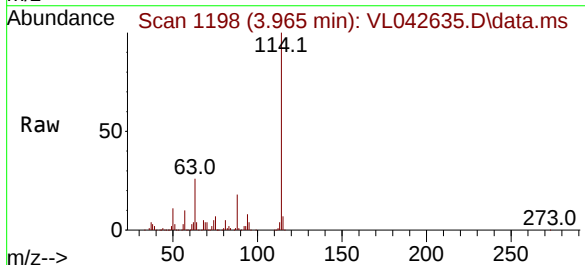
Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

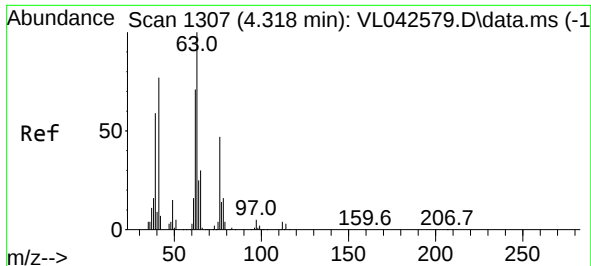
Tgt Ion: 57 Resp: 582
Ion Ratio Lower Upper
57 100
41 173.5 70.6 106.0#
43 0.0 181.1 271.7#
56 0.0 42.2 63.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Tgt Ion: 114 Resp: 251218
Ion Ratio Lower Upper
114 100
63 26.1 19.0 28.6
88 18.0 13.6 20.4





#39

1,2-Dichloropropane

Concen: 7.145 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.353 min

Lab File: VL042635.D

Acq: 16 Jun 2025 18:38

Instrument :

MSVOA_L

ClientSampleId :

QC041825 CAN 33628

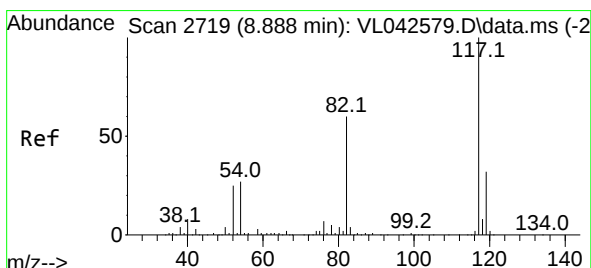
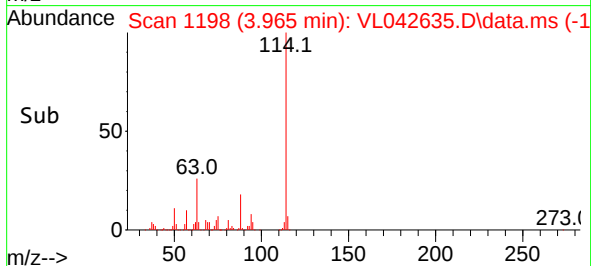
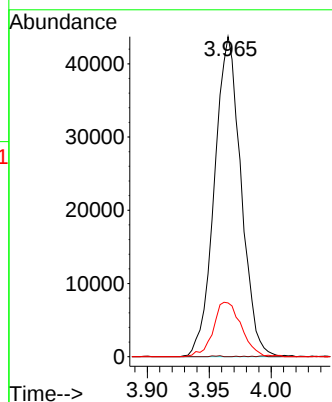
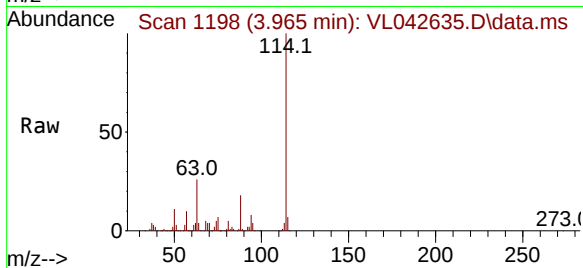
Tgt Ion: 63 Resp: 65368

Ion Ratio Lower Upper

63 100

41 0.0 61.8 92.6#

62 16.8 56.6 85.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.000 min

Lab File: VL042635.D

Acq: 16 Jun 2025 18:38

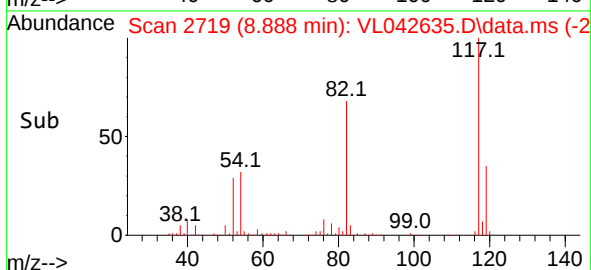
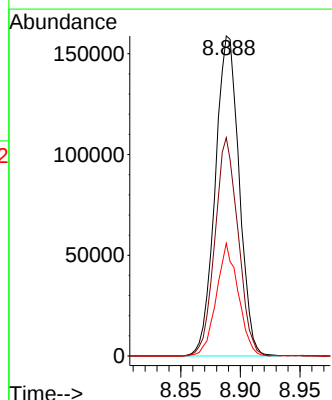
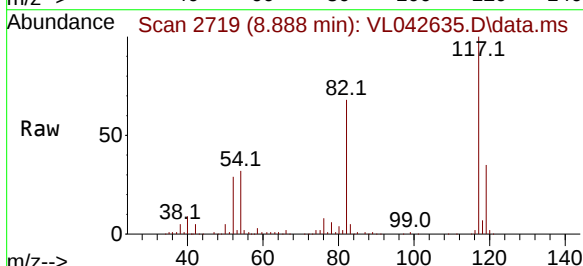
Tgt Ion: 117 Resp: 221734

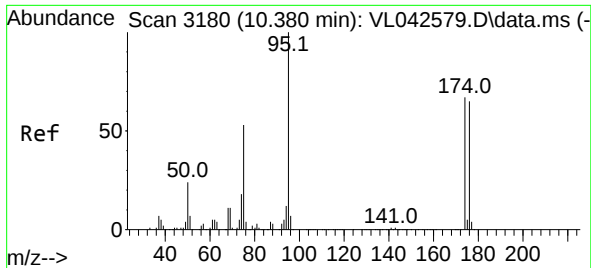
Ion Ratio Lower Upper

117 100

82 66.1 51.2 76.8

119 32.3 26.3 39.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.085 ppbv
 RT: 10.383 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL042635.D
 Acq: 16 Jun 2025 18:38

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041825 CAN 33628

Tgt Ion: 95 Resp: 167623
 Ion Ratio Lower Upper
 95 100
 174 63.3 53.1 79.7
 175 4.6 4.2 6.2

