

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061725\
 Data File : VL042645.D
 Acq On : 17 Jun 2025 13:27
 Operator : SY/MD
 Sample : QC041825 CAN33628
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041825 CAN33628

Quant Time: Jun 18 04:24:39 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)

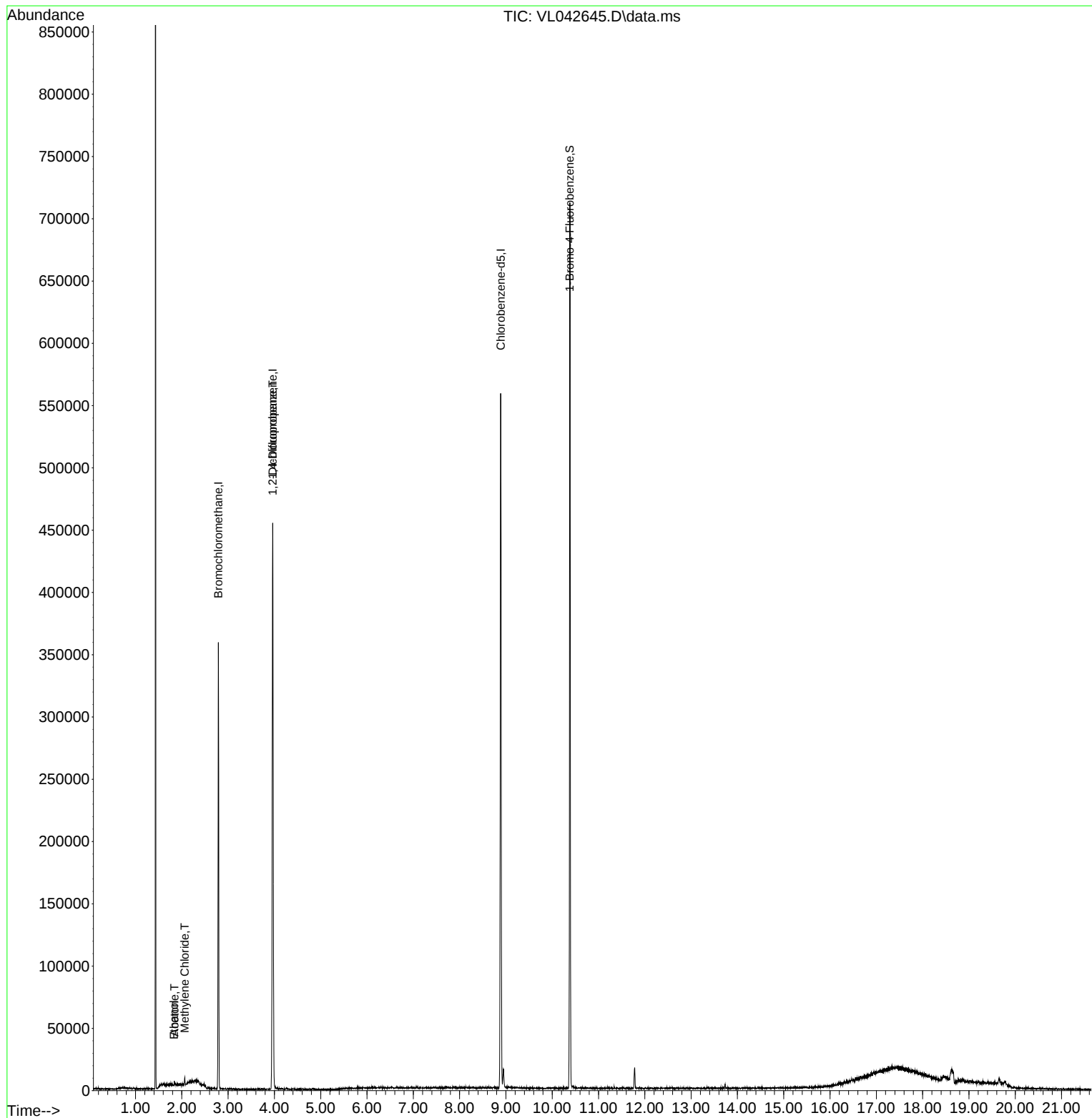
Internal Standards						
1) Bromochloromethane	2.790	49	102838	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	260314	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	228230	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	172608	10.089	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
13) Ethanol	1.832	45	186	0.223	ppbv #	39
15) Acetone	1.839	43	1380	0.111	ppbv	99
20) Methylene Chloride	2.065	84	966	0.236	ppbv #	77
39) 1,2-Dichloropropane	3.965	63	67096	7.078	ppbv #	23

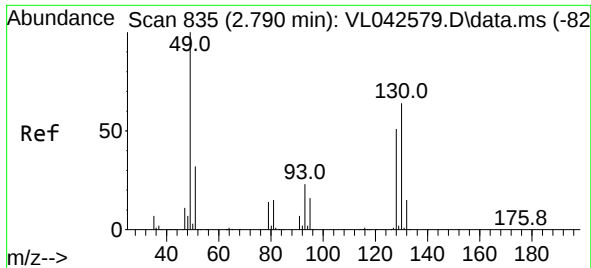
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061725\
Data File : VL042645.D
Acq On : 17 Jun 2025 13:27
Operator : SY/MD
Sample : QC041825 CAN33628
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN33628

Quant Time: Jun 18 04:24:39 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

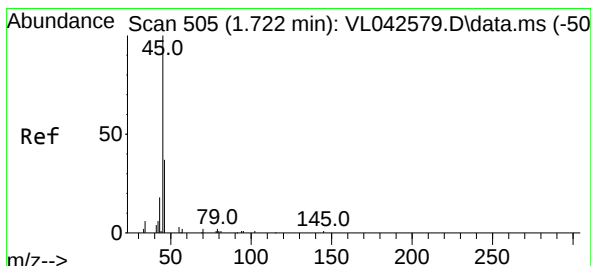
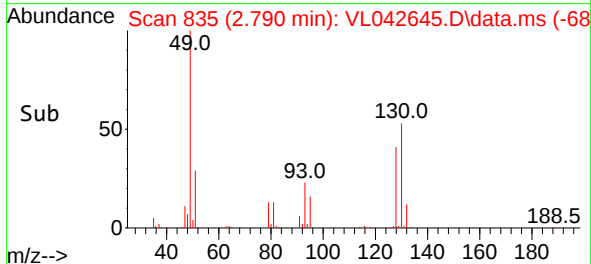
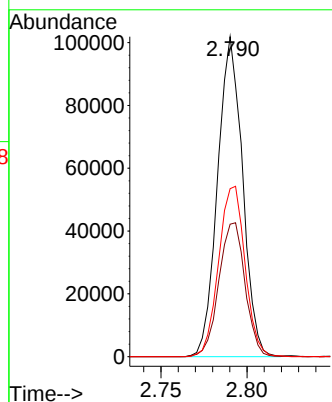
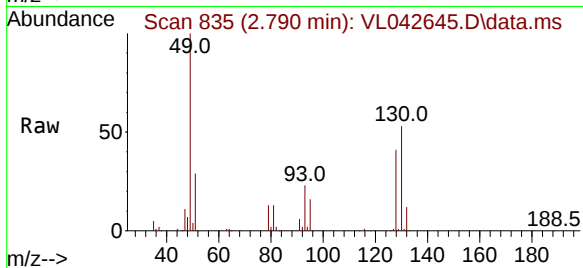




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042645.D
Acq: 17 Jun 2025 13:27

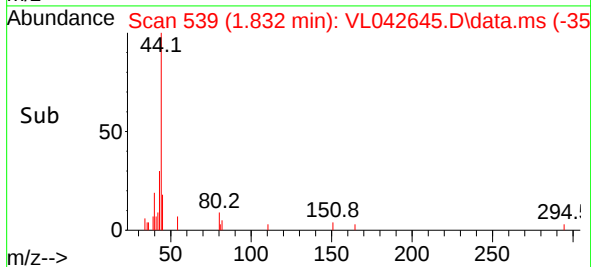
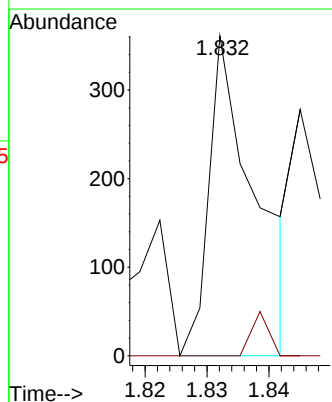
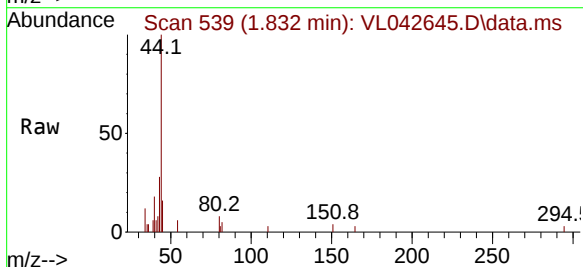
Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN33628

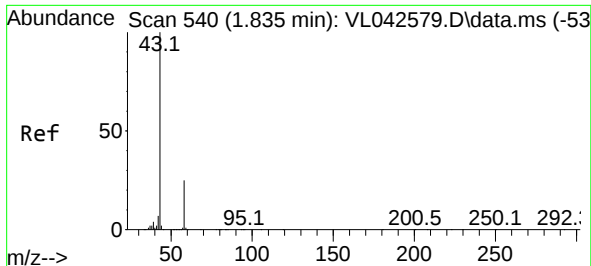
Tgt Ion: 49 Resp: 102838
Ion Ratio Lower Upper
49 100
128 44.0 24.2 72.6
130 56.3 30.4 91.2



#13
Ethanol
Concen: 0.223 ppbv
RT: 1.832 min Scan# 539
Delta R.T. 0.110 min
Lab File: VL042645.D
Acq: 17 Jun 2025 13:27

Tgt Ion: 45 Resp: 186
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1#





#15

Acetone

Concen: 0.111 ppbv

RT: 1.839 min Scan# 540

Delta R.T. 0.003 min

Lab File: VL042645.D

Acq: 17 Jun 2025 13:27

Instrument :

MSVOA_L

ClientSampleId :

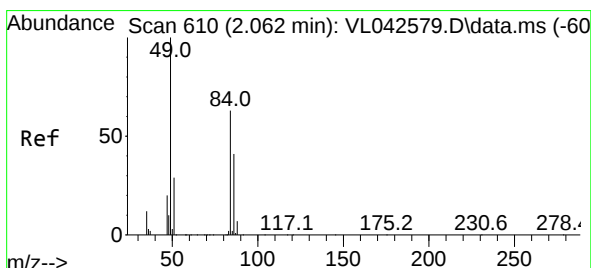
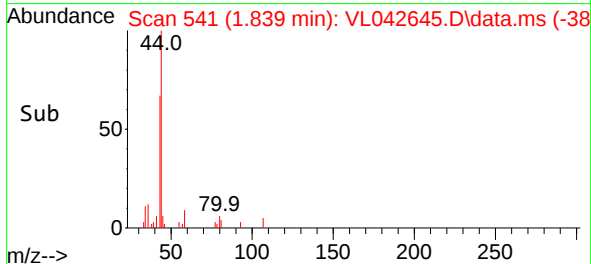
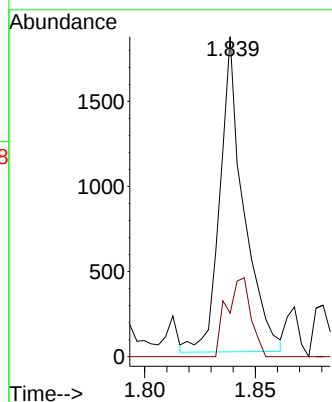
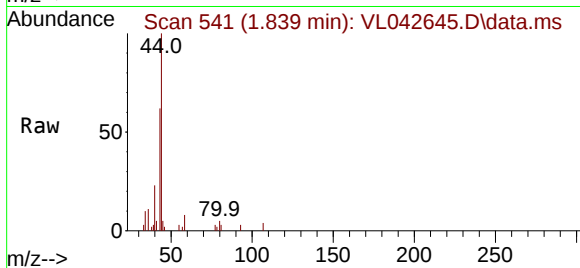
QC041825 CAN33628

Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

43 100

58 25.4 21.0 31.4



#20

Methylene Chloride

Concen: 0.236 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.003 min

Lab File: VL042645.D

Acq: 17 Jun 2025 13:27

Tgt Ion: 84 Resp: 966

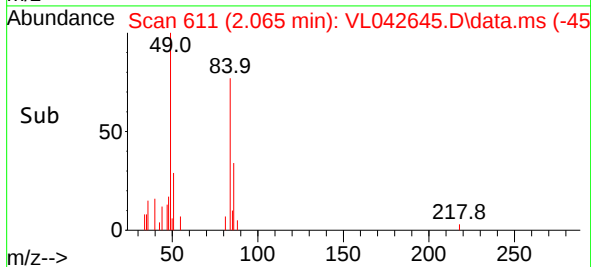
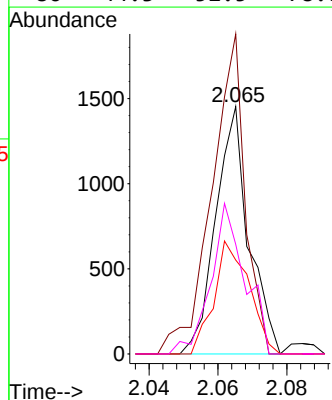
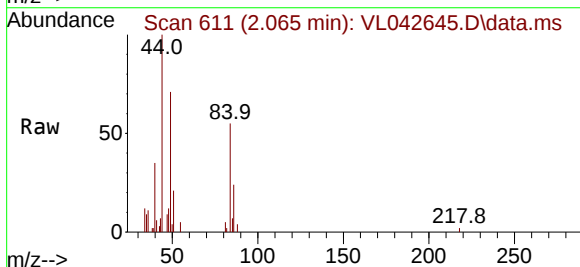
Ion Ratio Lower Upper

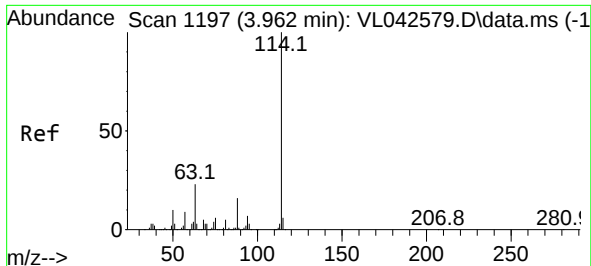
84 100

49 129.3 128.8 193.2

51 38.0 38.6 57.8#

86 44.3 52.5 78.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.000 min

Lab File: VL042645.D

Acq: 17 Jun 2025 13:27

Instrument :

MSVOA_L

ClientSampleId :

QC041825 CAN33628

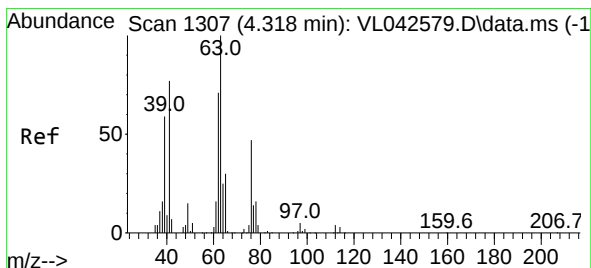
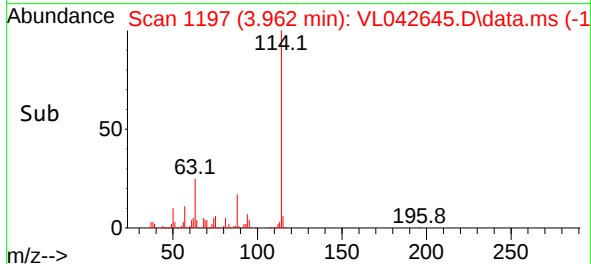
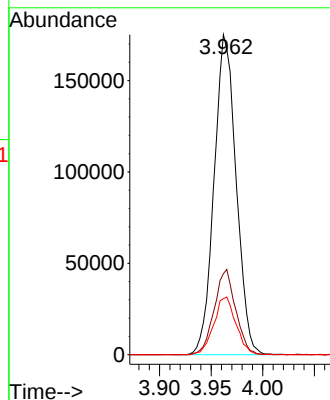
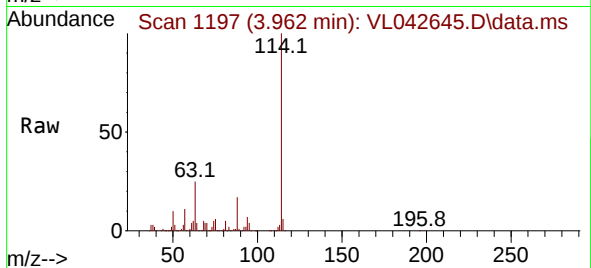
Tgt Ion:114 Resp: 260314

Ion Ratio Lower Upper

114 100

63 25.9 19.0 28.6

88 18.1 13.6 20.4



#39

1,2-Dichloropropane

Concen: 7.078 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.353 min

Lab File: VL042645.D

Acq: 17 Jun 2025 13:27

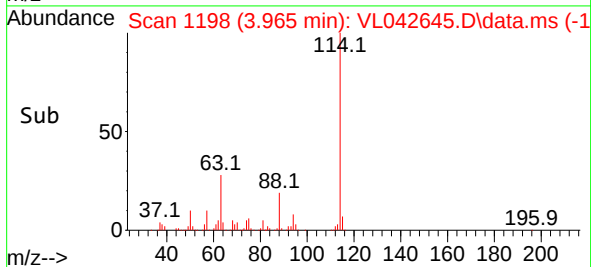
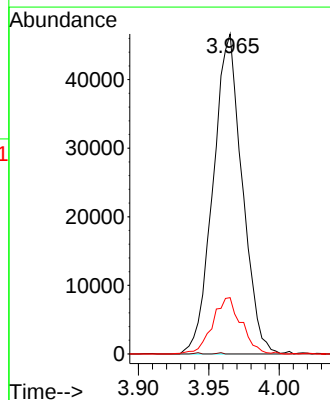
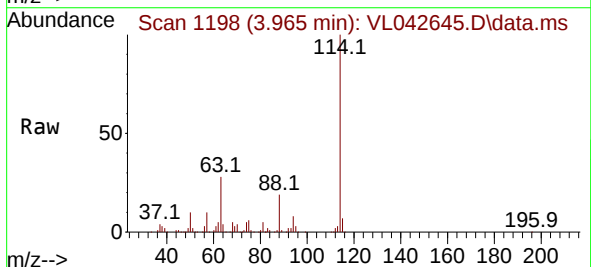
Tgt Ion: 63 Resp: 67096

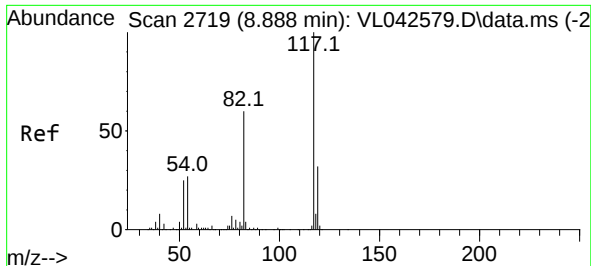
Ion Ratio Lower Upper

63 100

41 0.0 61.8 92.6#

62 17.5 56.6 85.0#

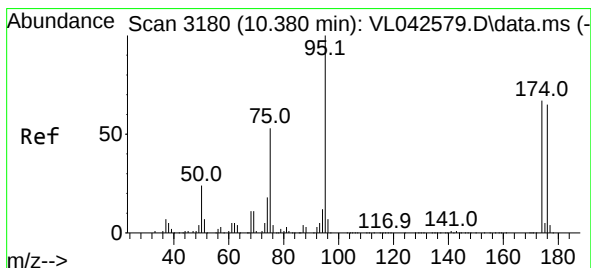
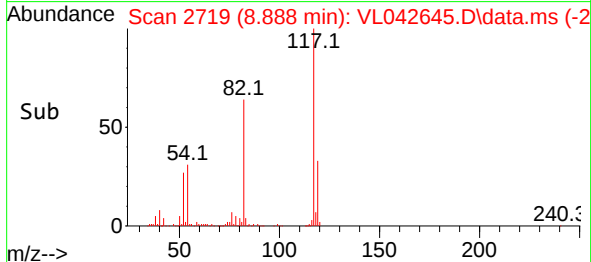
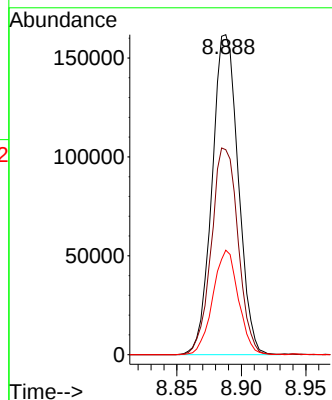
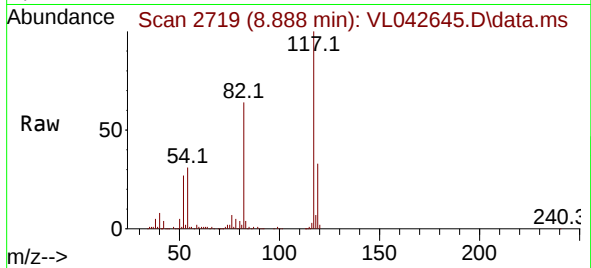




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL042645.D
Acq: 17 Jun 2025 13:27

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN33628

Tgt Ion:117 Resp: 228230
Ion Ratio Lower Upper
117 100
82 66.0 51.2 76.8
119 32.1 26.3 39.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.089 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VL042645.D
Acq: 17 Jun 2025 13:27

Tgt Ion: 95 Resp: 172608
Ion Ratio Lower Upper
95 100
174 61.9 53.1 79.7
175 4.6 4.2 6.2

