

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042310.D
 Acq On : 10 Apr 2025 15:54
 Operator : SY/MD
 Sample : CAN10607
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN10607

Quant Time: Apr 11 01:59:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

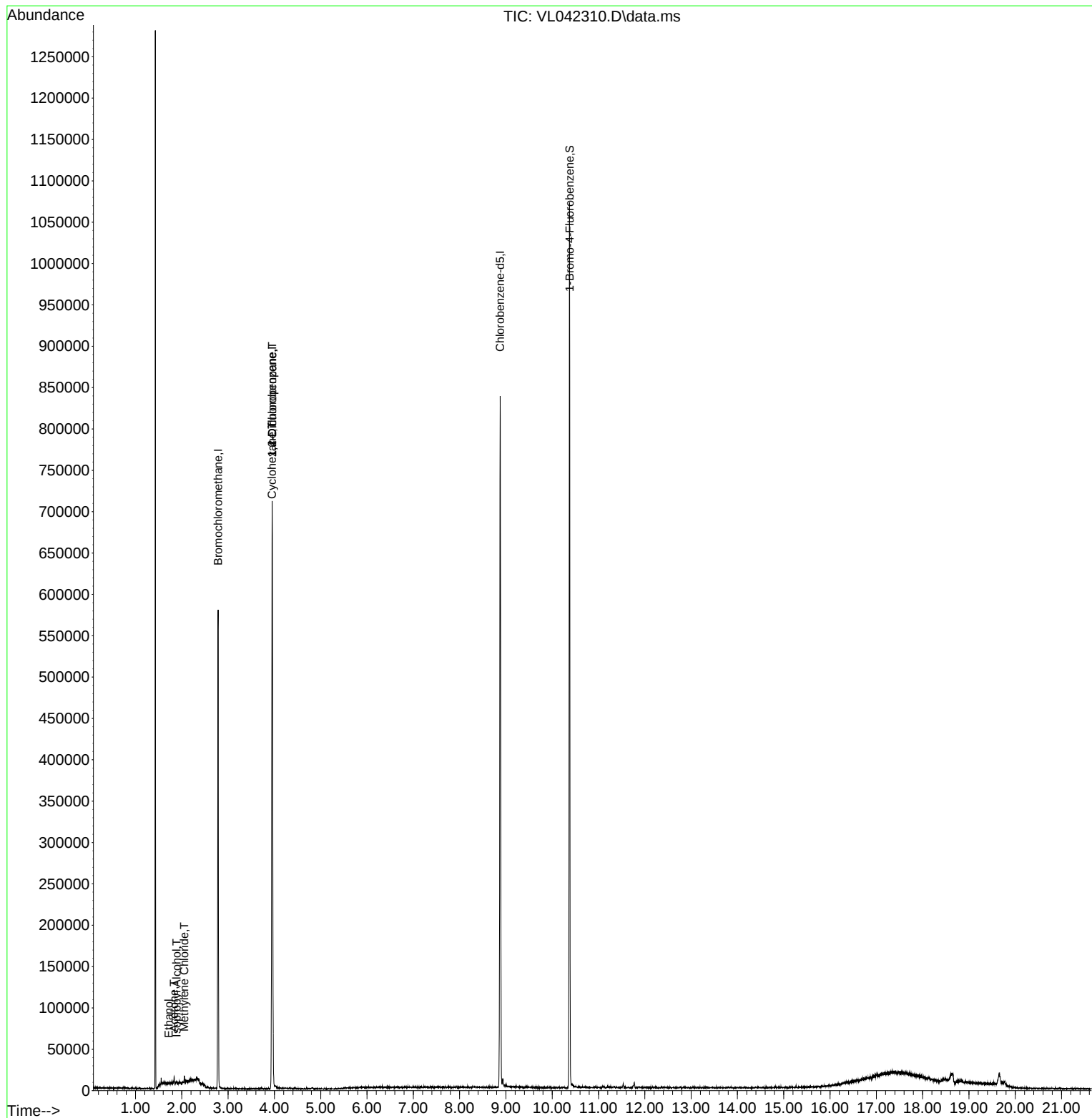
Internal Standards						
1) Bromochloromethane	2.784	49	162463	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	373188	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	319344	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	239632	9.138	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
					Qvalue	
13) Ethanol	1.719	45	281	0.265	ppbv	78
15) Acetone	1.832	43	3317	0.146	ppbv	100
19) Isopropyl Alcohol	1.887	45	671	0.052	ppbv #	46
20) Methylene Chloride	2.055	84	1247	0.147	ppbv #	87
30) Cyclohexane	3.949	84	2566	0.130	ppbv #	1
39) 1,2-Dichloropropane	3.952	63	99160	7.360	ppbv #	21

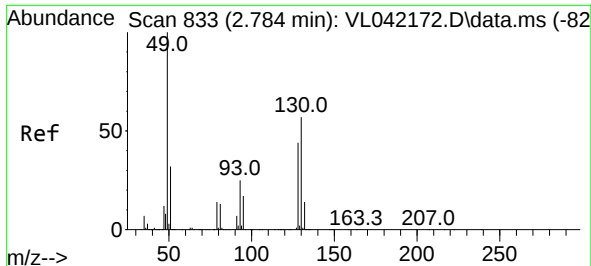
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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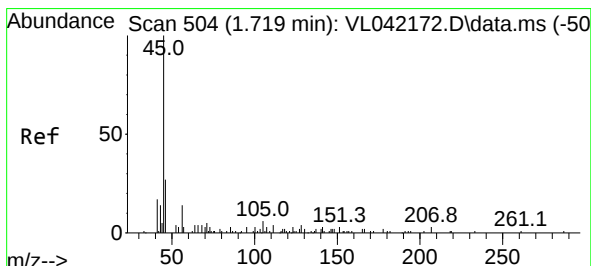
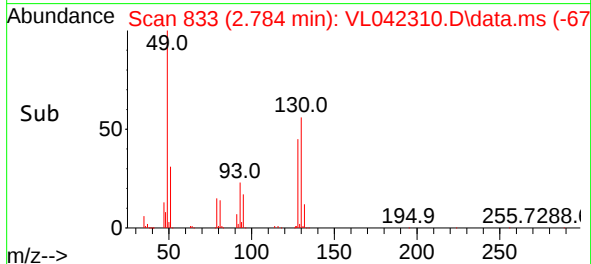
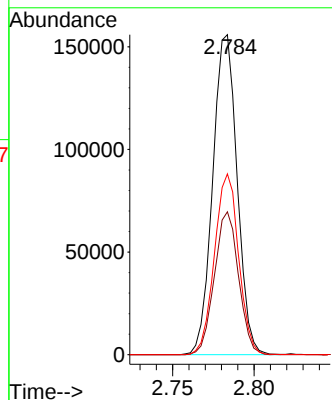
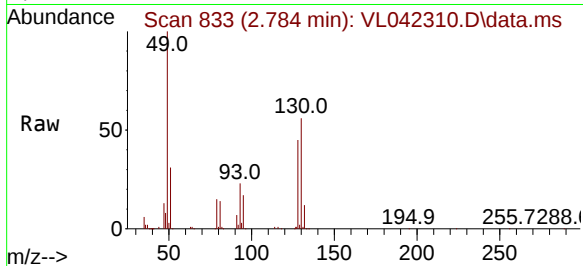




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

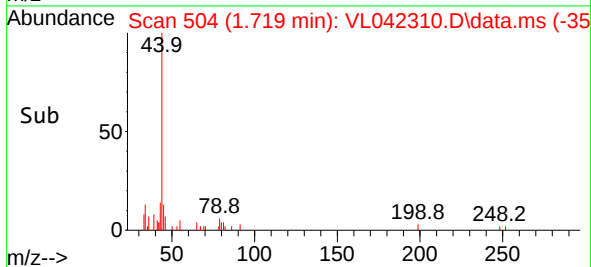
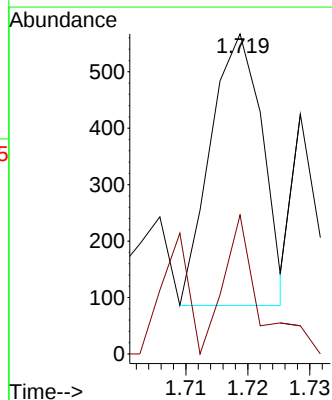
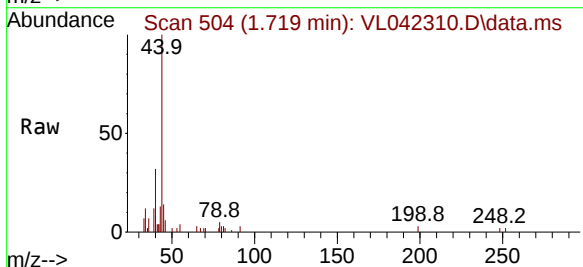
Instrument :
MSVOA_L
ClientSampleId :
CAN10607

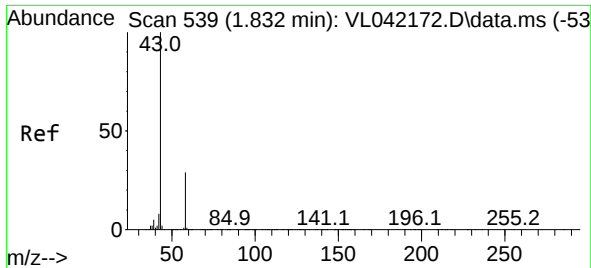
Tgt Ion: 49 Resp: 162463
Ion Ratio Lower Upper
49 100
128 44.1 22.9 68.5
130 55.9 28.8 86.4



#13
Ethanol
Concen: 0.265 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Tgt Ion: 45 Resp: 281
Ion Ratio Lower Upper
45 100
46 65.5 20.2 80.8

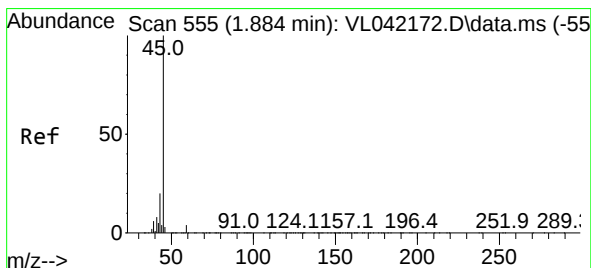
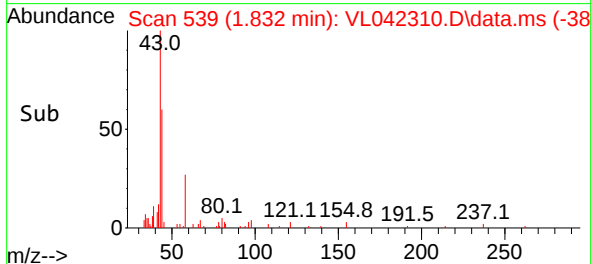
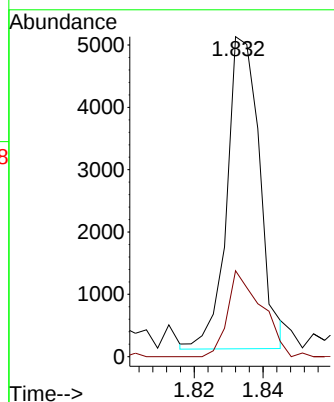
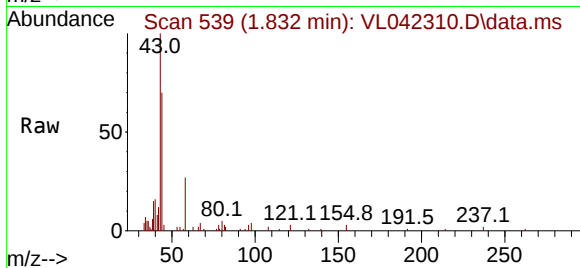




#15
Acetone
Concen: 0.146 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

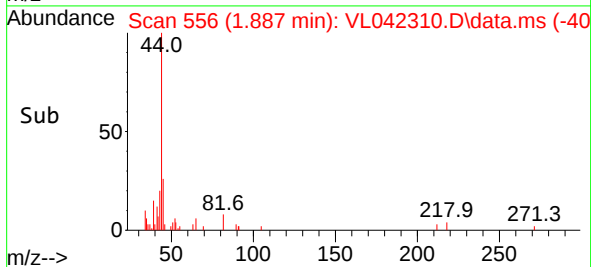
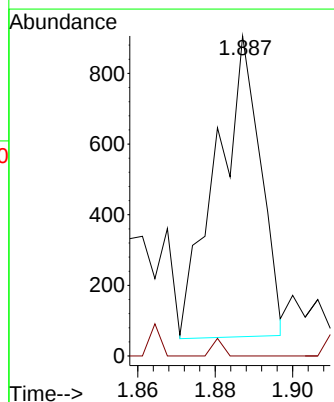
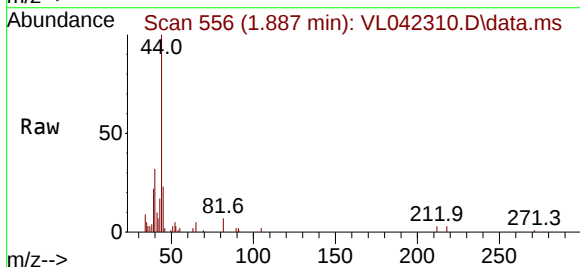
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ClientSampleId :
CAN10607

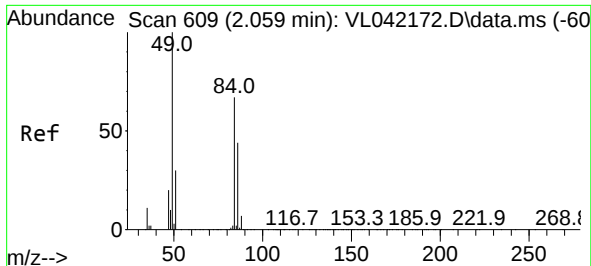
Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 28.8 23.2 34.8



#19
Isopropyl Alcohol
Concen: 0.052 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Tgt Ion: 45 Resp: 671
Ion Ratio Lower Upper
45 100
58 10.1 36.9 55.3#

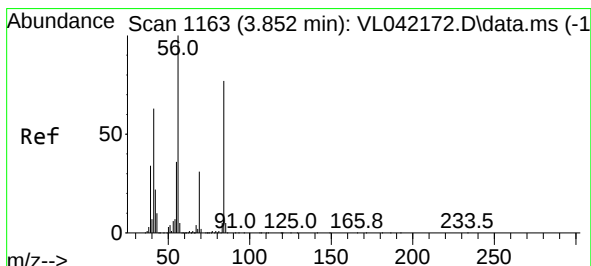
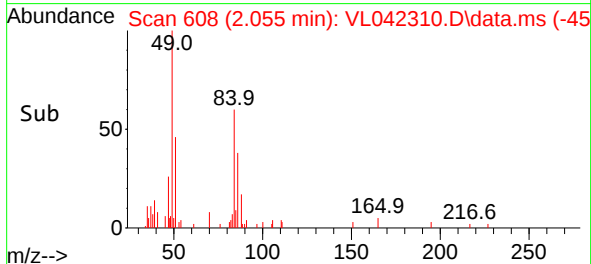
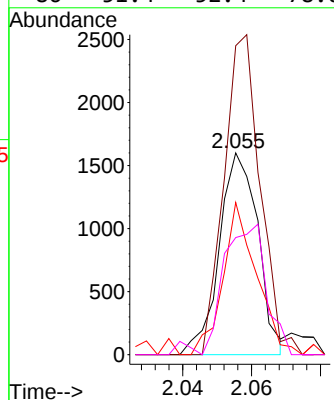
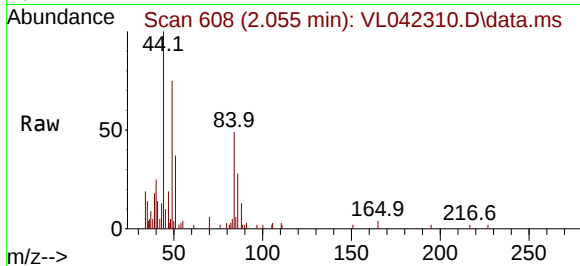




#20
Methylene Chloride
Concen: 0.147 ppbv
RT: 2.055 min Scan# 609
Delta R.T. -0.004 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

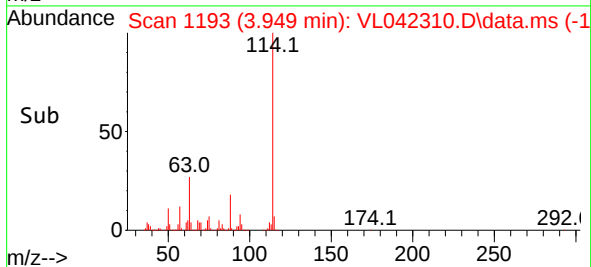
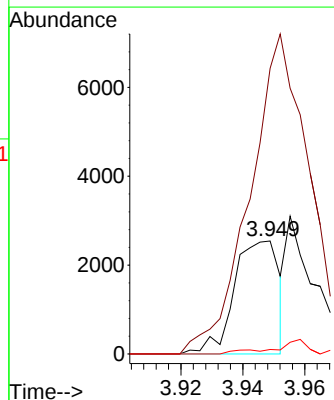
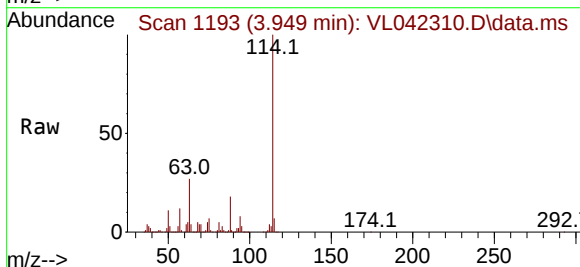
Instrument :
MSVOA_L
ClientSampleId :
CAN10607

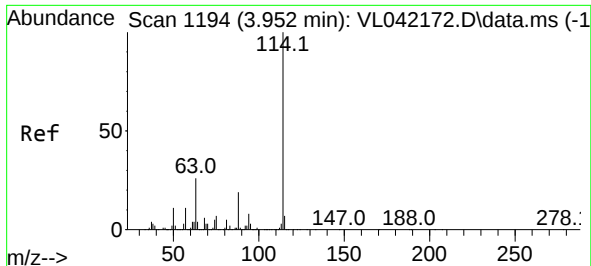
Tgt Ion:	84	Resp:	1247
Ion	Ratio	Lower	Upper
84	100		
49	153.2	120.2	180.4
51	75.4	37.4	56.0#
86	51.4	52.4	78.6#



#30
Cyclohexane
Concen: 0.130 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.097 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Tgt Ion:	84	Resp:	2566
Ion	Ratio	Lower	Upper
84	100		
56	0.0	102.8	154.2#
41	2.4	66.5	99.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VL042310.D

Acq: 10 Apr 2025 15:54

Instrument :

MSVOA_L

ClientSampleId :

CAN10607

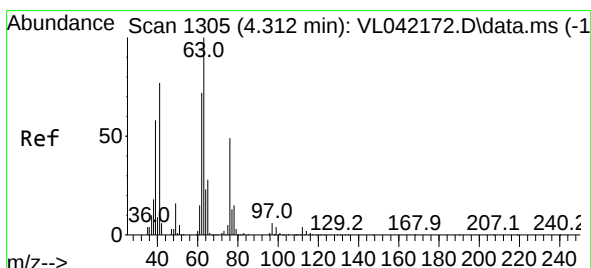
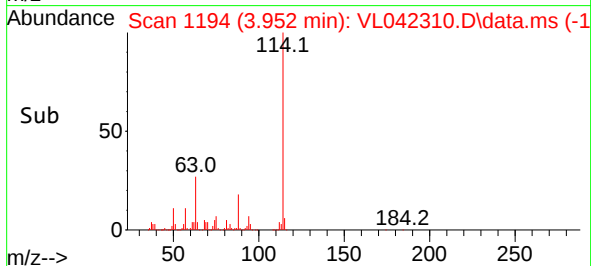
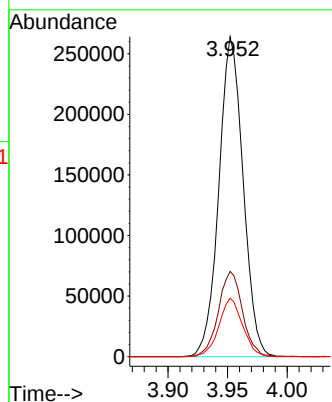
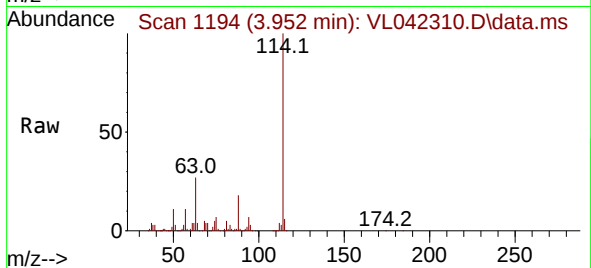
Tgt Ion:114 Resp: 373188

Ion Ratio Lower Upper

114 100

63 26.7 20.7 31.1

88 17.8 15.0 22.4



#39

1,2-Dichloropropane

Concen: 7.360 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.360 min

Lab File: VL042310.D

Acq: 10 Apr 2025 15:54

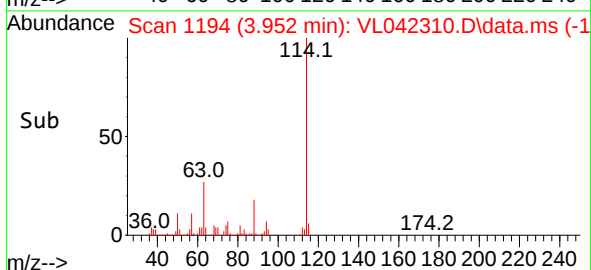
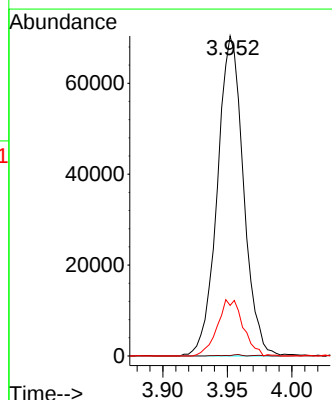
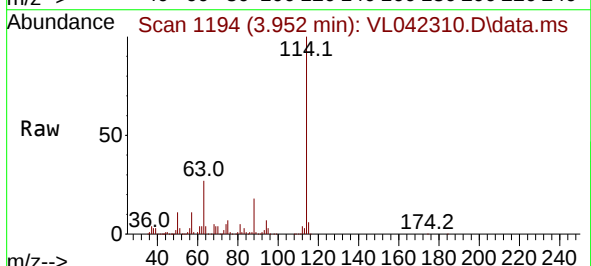
Tgt Ion: 63 Resp: 99160

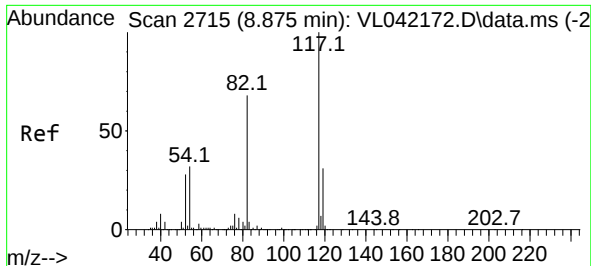
Ion Ratio Lower Upper

63 100

41 0.1 61.7 92.5#

62 15.8 57.6 86.4#

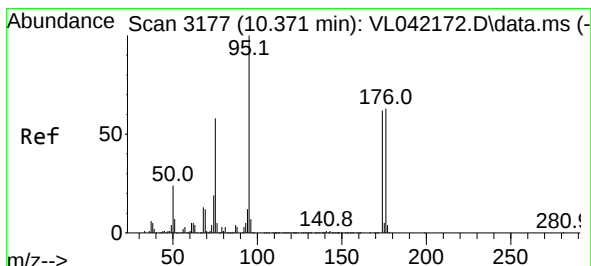
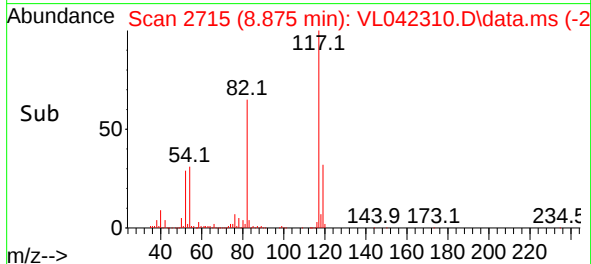
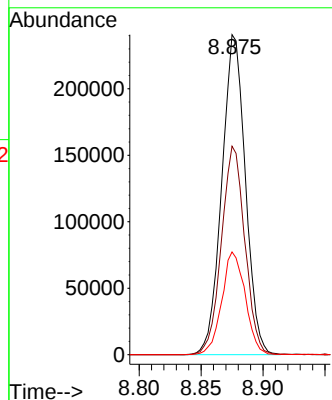
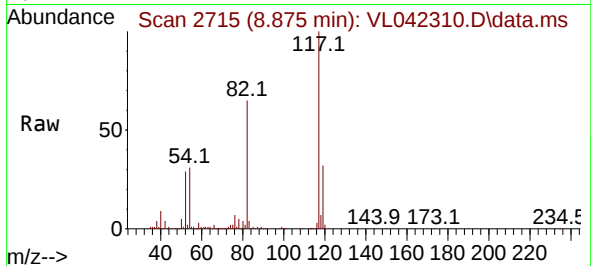




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Instrument :
MSVOA_L
ClientSampleId :
CAN10607

Tgt Ion:117 Resp: 319344
Ion Ratio Lower Upper
117 100
82 64.8 55.8 83.6
119 32.1 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.138 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.003 min
Lab File: VL042310.D
Acq: 10 Apr 2025 15:54

Tgt Ion: 95 Resp: 239632
Ion Ratio Lower Upper
95 100
174 63.8 50.6 76.0
175 4.6 3.8 5.6

