Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
Data File : VL042917.D
Acq On : 09 Sep 2025 07:48
Operator : SY/MD
Sample : Q3052-02 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 10 03:59:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 09 00:52:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.781	49	137371	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	332138	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	285976	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	226787	10.574	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.700%			
Target Compounds						Qvalue
13) Ethanol	1.719	45	4830	5.496	ppbv #	32
15) Acetone	1.832	43	44097	2.427	ppbv	98
19) Isopropyl Alcohol	1.884	45	2586m	0.238	ppbv	
20) Methylene Chloride	2.056	84	2936	0.386	ppbv #	88
26) Hexane	2.820	57	3612	0.178	ppbv #	34
29) Chloroform	2.845	83	16720	0.577	ppbv	99
52) Tetrachloroethene	8.212	164	15290	1.329	ppbv	96

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

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Quant Time: Sep 10 03:59:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 09 00:52:26 2025
Response via : Initial Calibration

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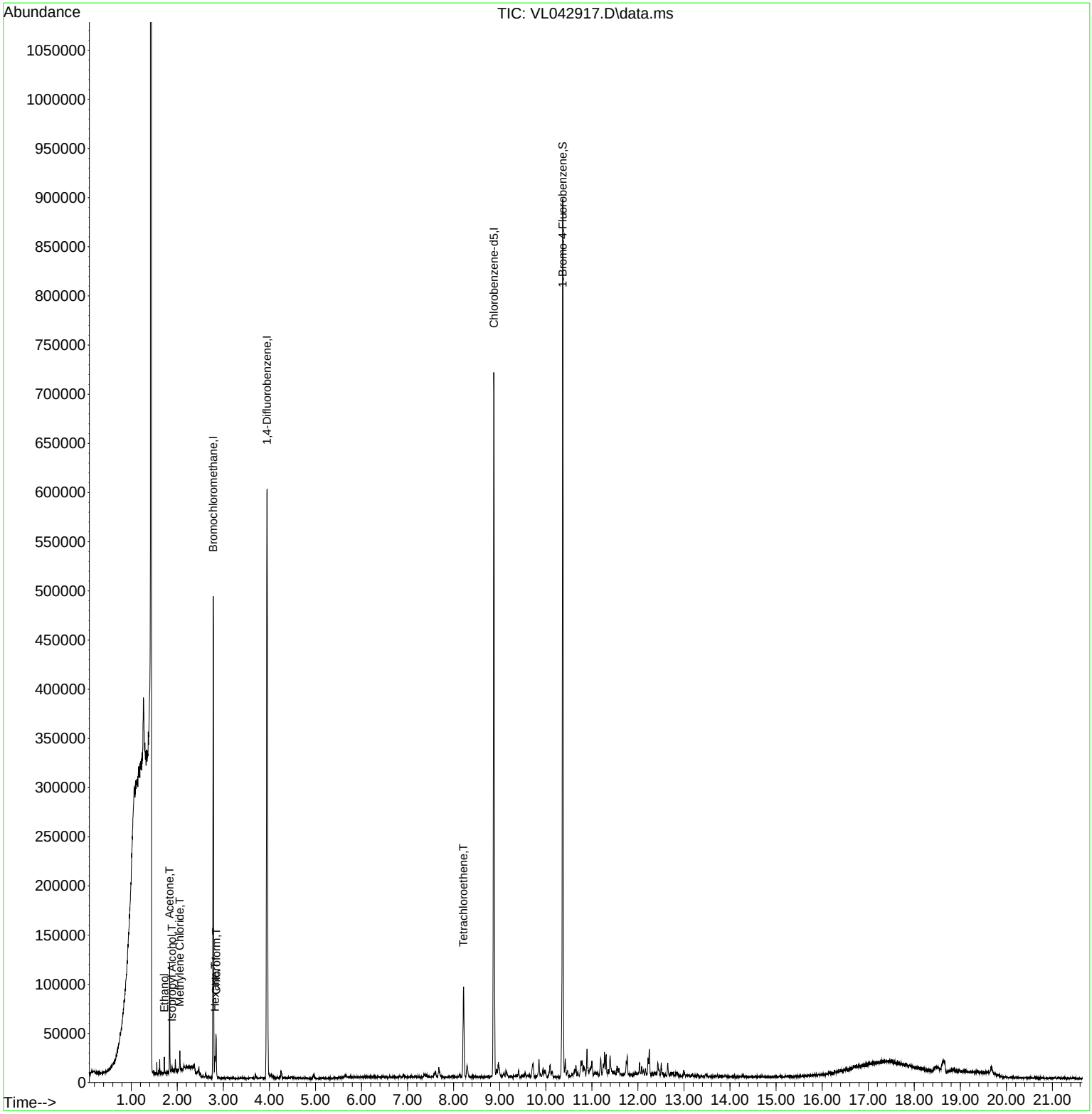

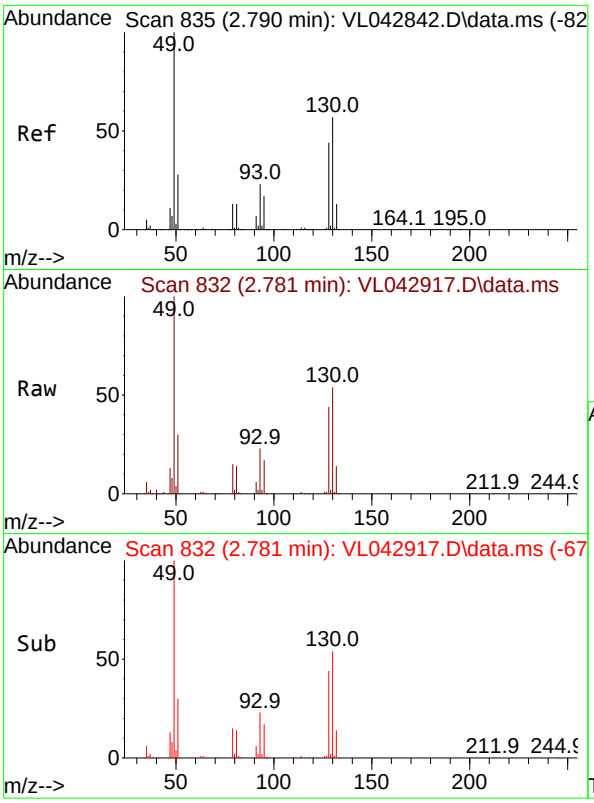

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 8
Delta R.T. 0.004 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 49 Resp: 13737

Ion	Ratio	Lower	Upper
49	100		
128	42.9	23.7	71.1
130	54.0	30.6	91.6

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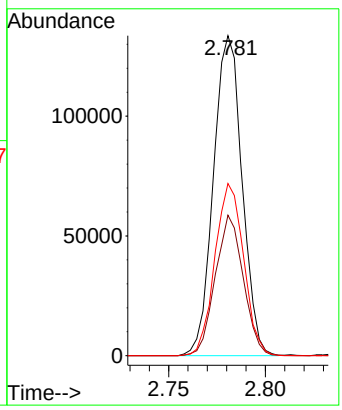
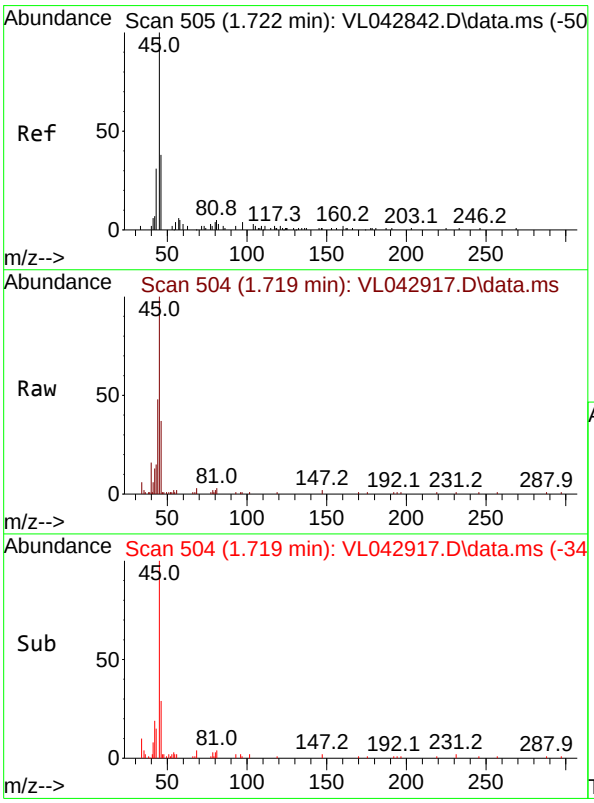
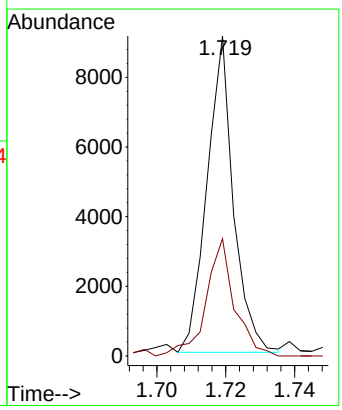


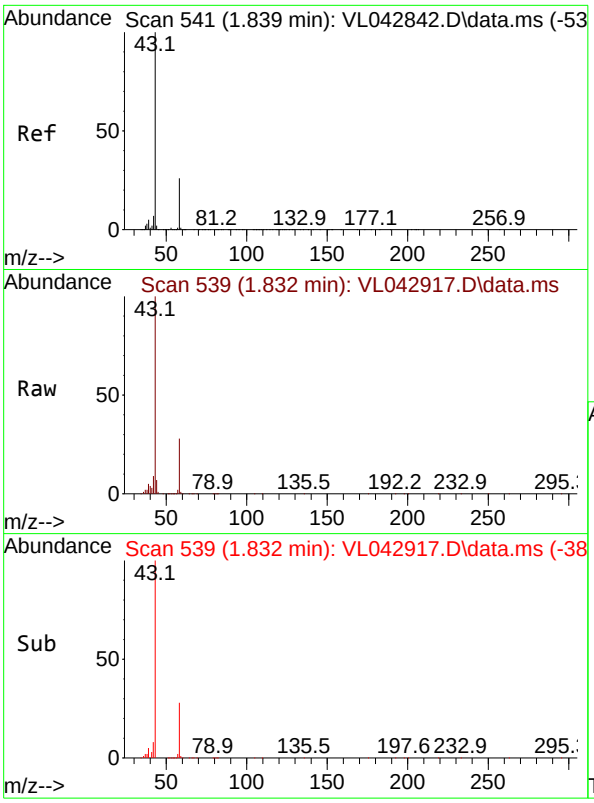


#13
Ethanol
Concen: 5.496 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 45 Resp: 4830

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.5	69.9#





#15
Acetone
Concen: 2.427 ppbv
RT: 1.832 min Scan# 5
Delta R.T. 0.003 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 43 Resp: 4409

Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.4	33.6

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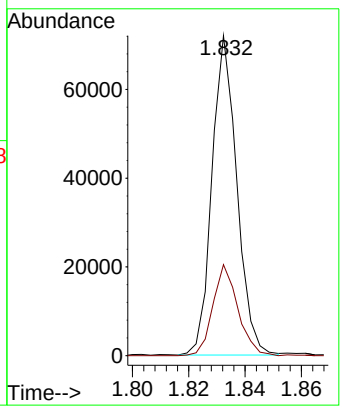
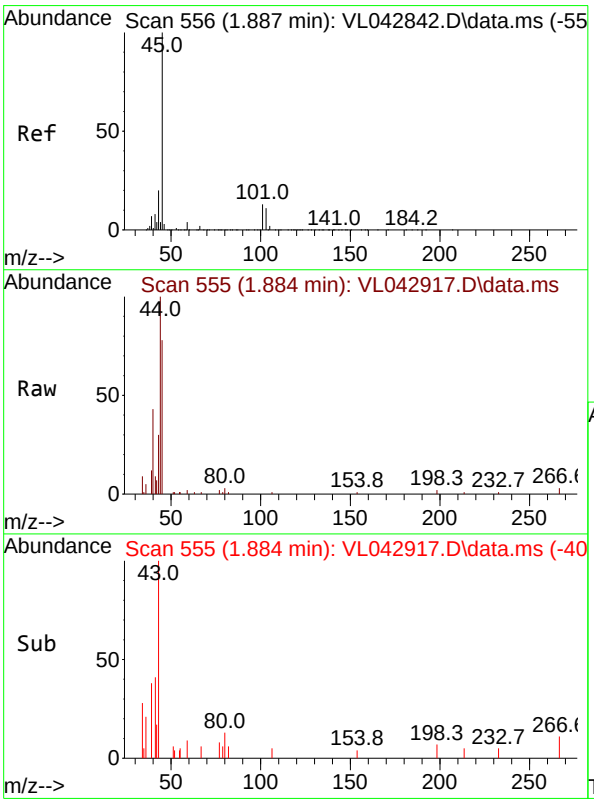
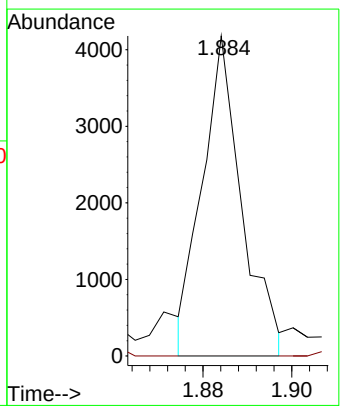


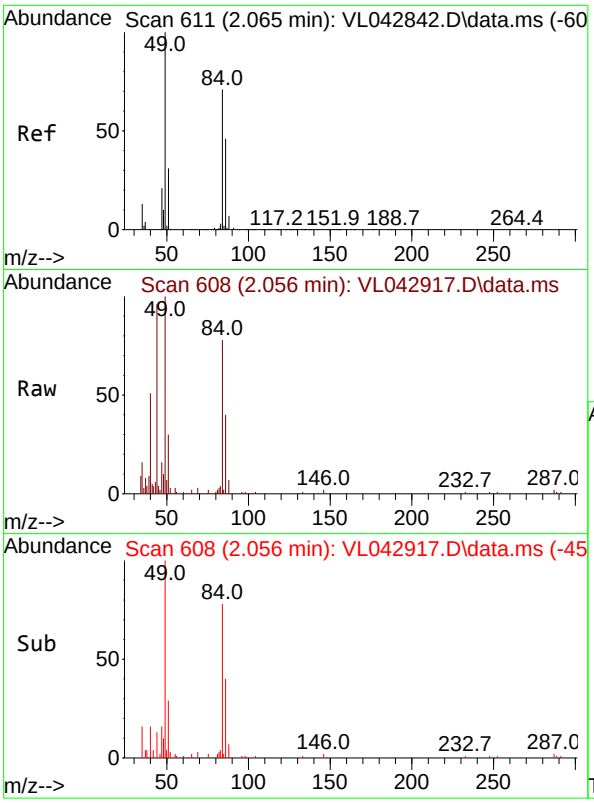


#19
Isopropyl Alcohol
Concen: 0.238 ppbv m
RT: 1.884 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 45 Resp: 2586

Ion	Ratio	Lower	Upper
45	100		
58	491.6	32.7	49.1#

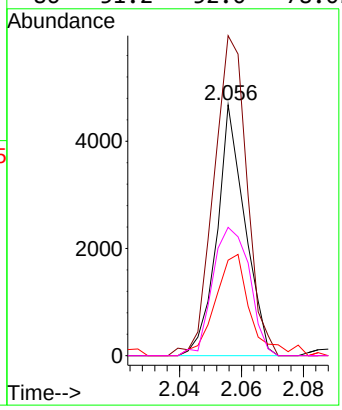




#20
Methylene Chloride
Concen: 0.386 ppbv
RT: 2.056 min Scan# 6
Delta R.T. 0.000 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 84 Resp: 293

Ion	Ratio	Lower	Upper
84	100		
49	127.6	112.3	168.5
51	38.1	36.0	54.0
86	51.2	52.0	78.0#



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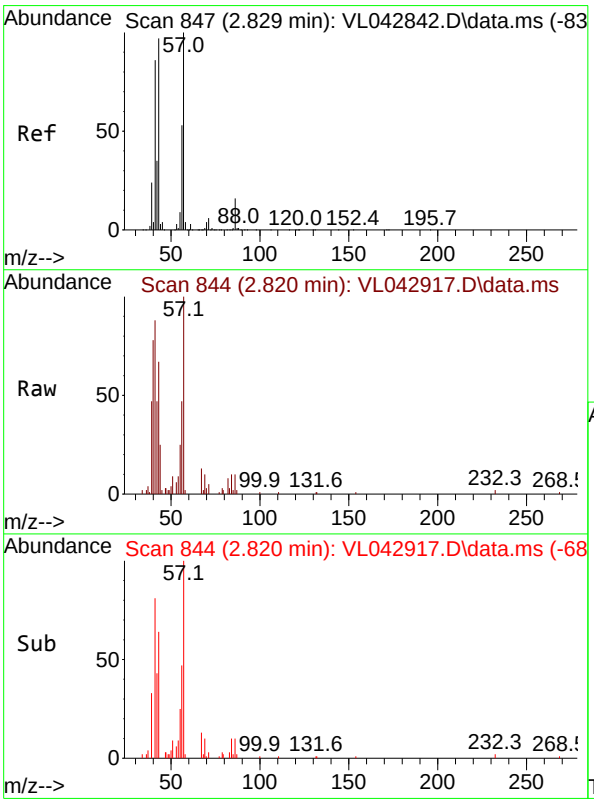
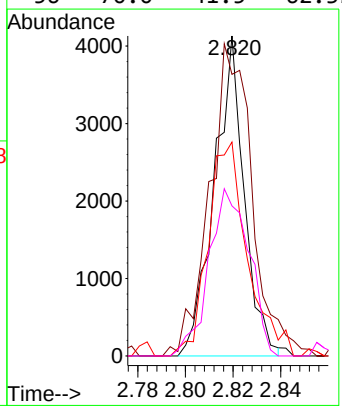
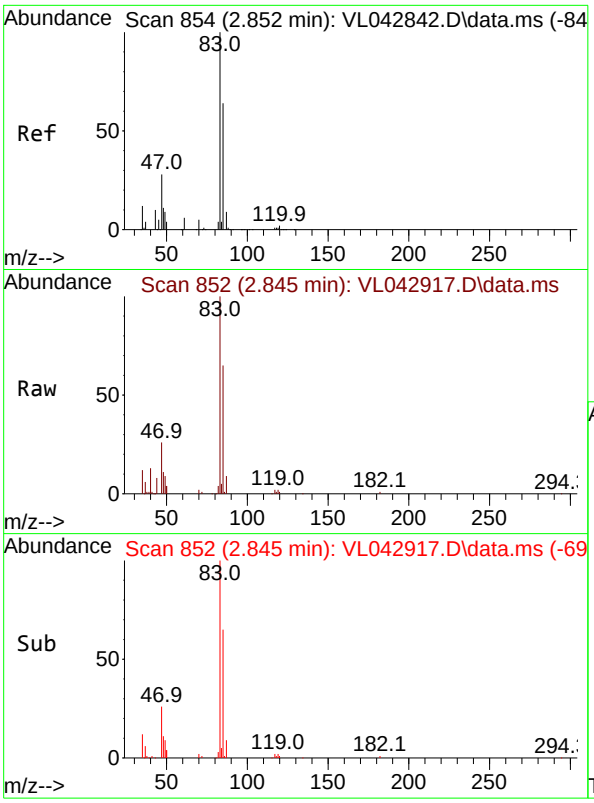


#26
Hexane
Concen: 0.178 ppbv
RT: 2.820 min Scan# 844
Delta R.T. 0.003 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 57 Resp: 3612

Ion	Ratio	Lower	Upper
57	100		
41	143.5	68.6	103.0#
43	90.9	168.5	252.7#
56	70.0	41.5	62.3#





#29
Chloroform
Concen: 0.577 ppbv
RT: 2.845 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 83 Resp: 1672

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7

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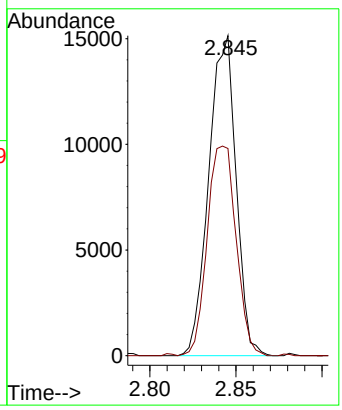
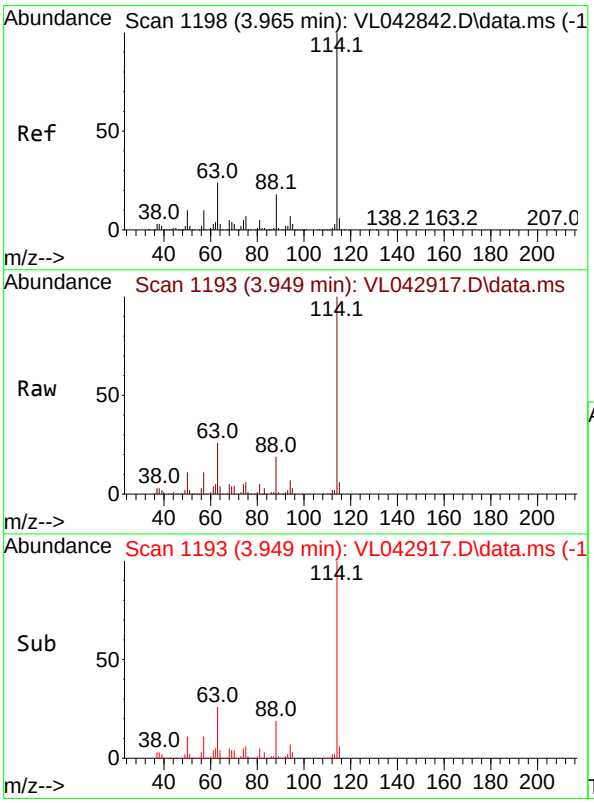
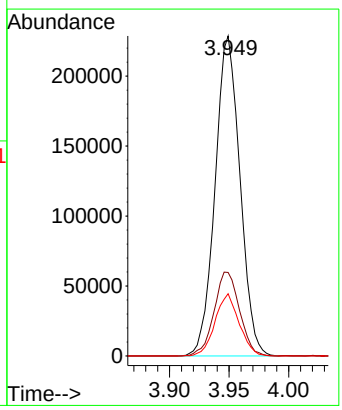


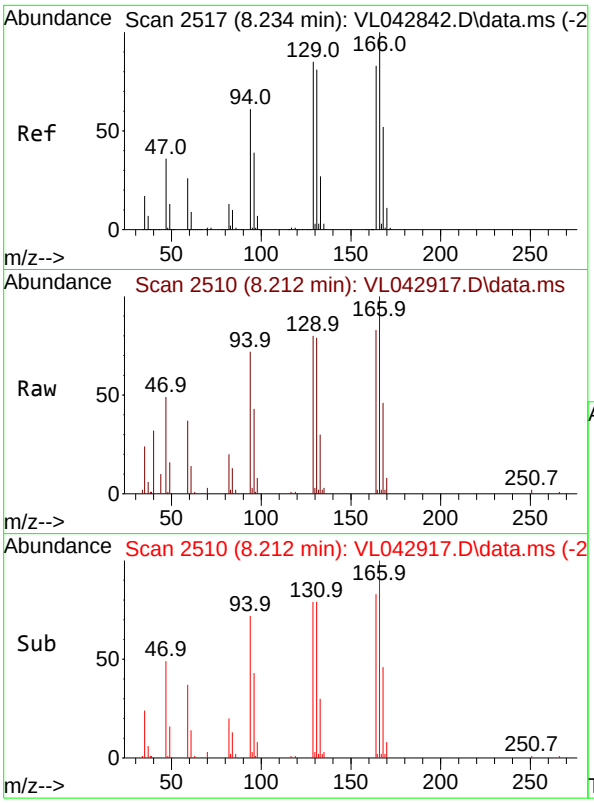


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion:114 Resp: 332138

Ion	Ratio	Lower	Upper
114	100		
63	26.9	19.7	29.5
88	18.7	14.4	21.6

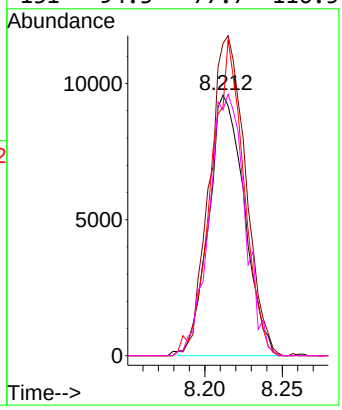




#52
Tetrachloroethene
Concen: 1.329 ppbv
RT: 8.212 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion:164 Resp: 1529

Ion	Ratio	Lower	Upper
164	100		
166	118.9	96.5	144.7
129	94.8	81.8	122.6
131	94.3	77.7	116.5



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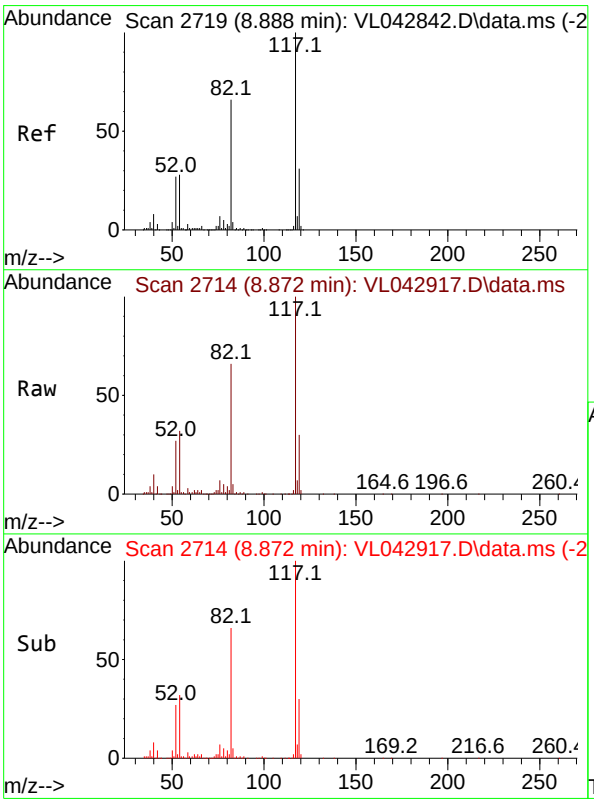
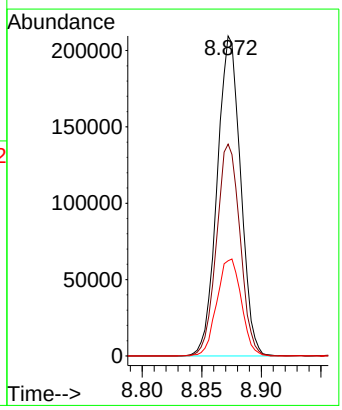
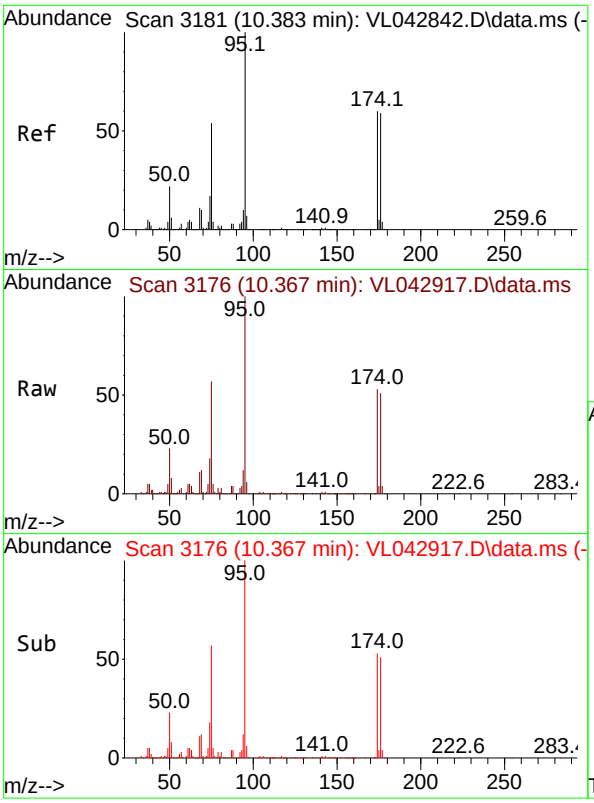


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.003 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion:117 Resp: 285976

Ion	Ratio	Lower	Upper
117	100		
82	66.5	54.6	81.8
119	31.7	25.9	38.9

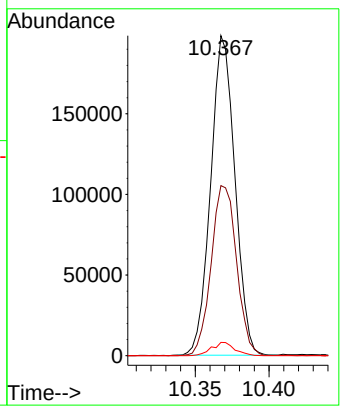




#68
1-Bromo-4-Fluorobenzene
Concen: 10.574 ppbv
RT: 10.367 min Scan# 3
Delta R.T. 0.003 min
Lab File: VL042917.D
Acq: 09 Sep 2025 07:48

Tgt Ion: 95 Resp: 22678

Ion	Ratio	Lower	Upper
95	100		
174	55.9	48.4	72.6
175	4.0	3.8	5.8



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