Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120225\
Data File : VL043295.D
Acq On : 02 Dec 2025 12:53
Operator : SY/MD
Sample : QC112525 CAN 10597
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 03 00:05:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC112525 CAN 10597

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.797	49	131086	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.972	114	334652	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.891	117	256513	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	177251	9.427	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	1975	0.107	ppbv #	82
9) Propene	1.492	41	1894	0.245	ppbv #	1
13) Ethanol	1.729	45	8254	3.040	ppbv #	38
15) Acetone	1.842	43	40384	2.217	ppbv	99
19) Isopropyl Alcohol	1.894	45	4636m	0.450	ppbv	
20) Methylene Chloride	2.068	84	64219	12.134	ppbv	96
26) Hexane	2.836	57	112069	6.508	ppbv #	41

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

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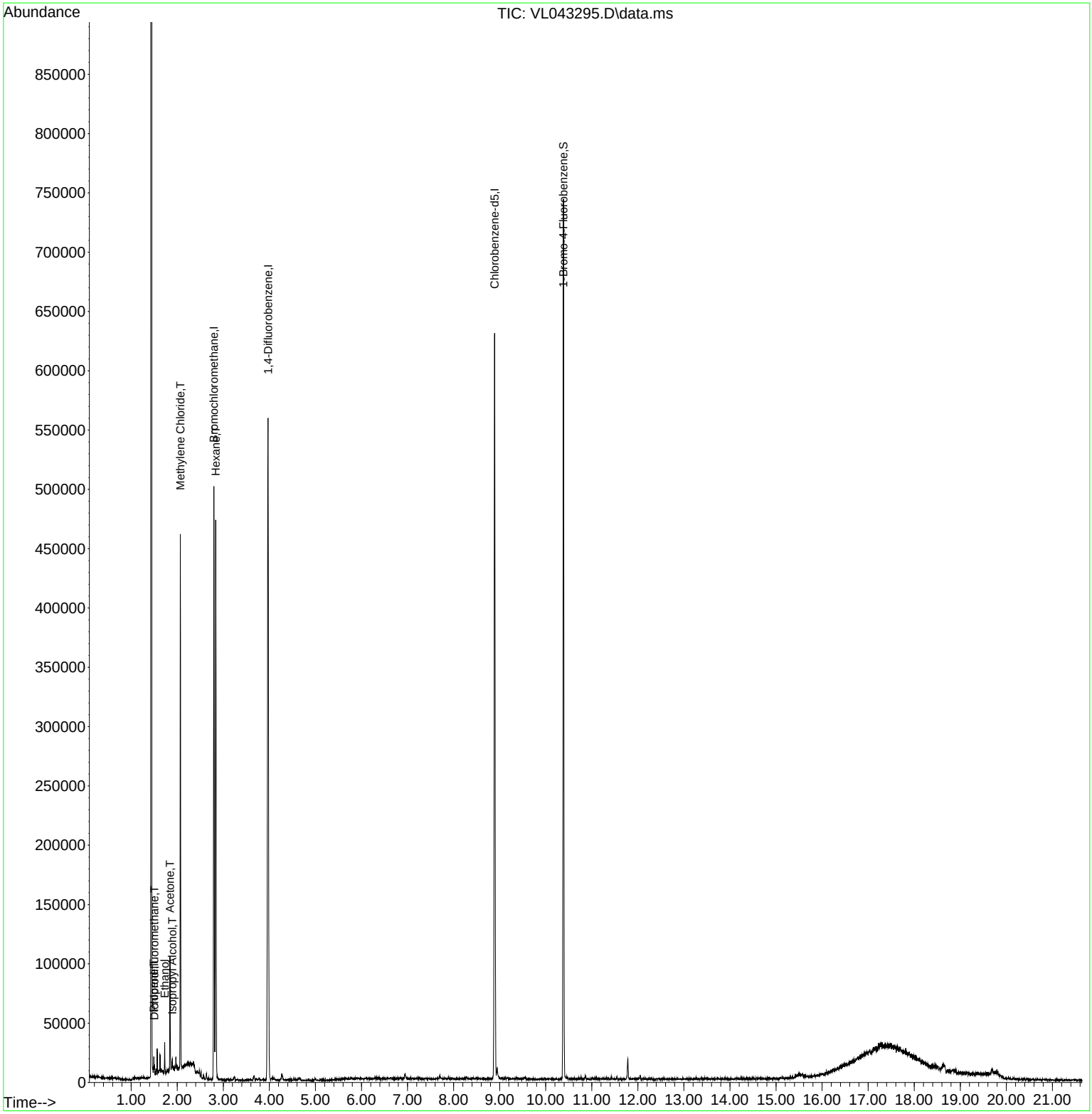

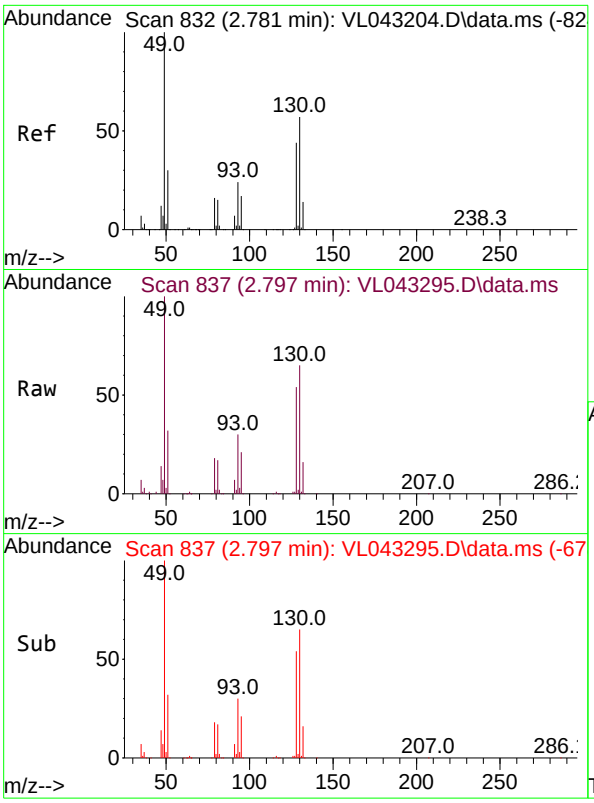

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 8
Delta R.T. 0.016 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 49 Resp: 13108

Ion	Ratio	Lower	Upper
49	100		
128	49.9	23.0	69.0
130	63.4	29.9	89.7

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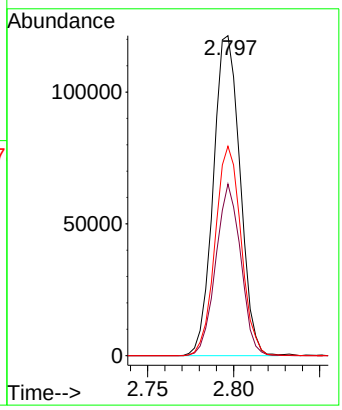
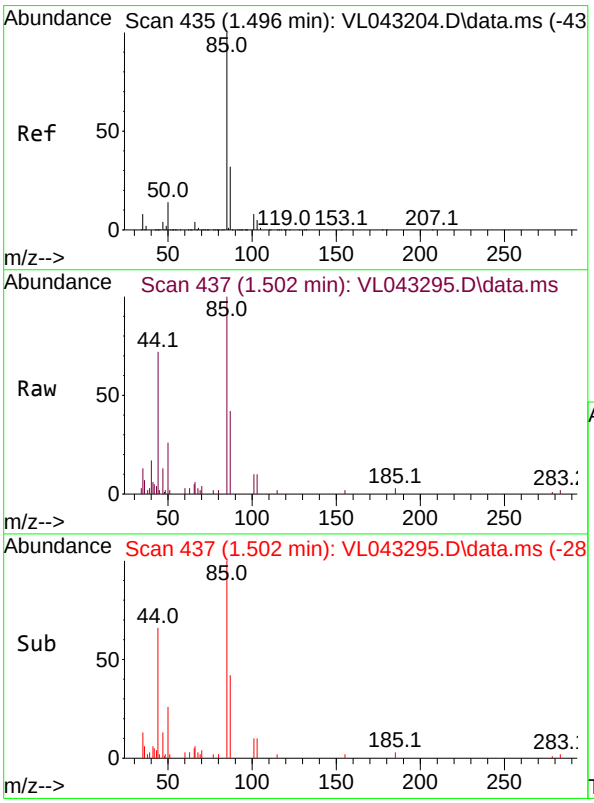
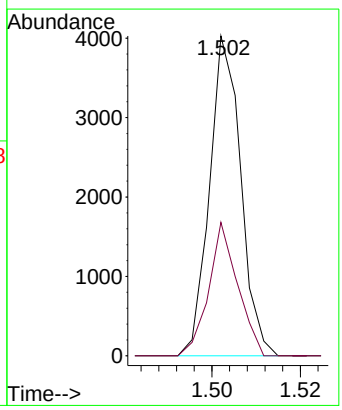


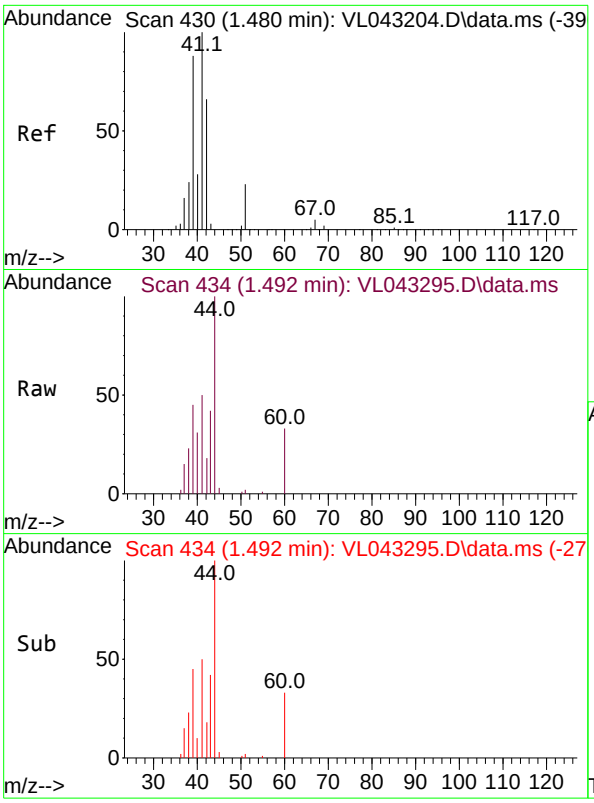


#2
Dichlorodifluoromethane
Concen: 0.107 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 85 Resp: 1975

Ion	Ratio	Lower	Upper
85	100		
87	41.7	25.4	38.2#

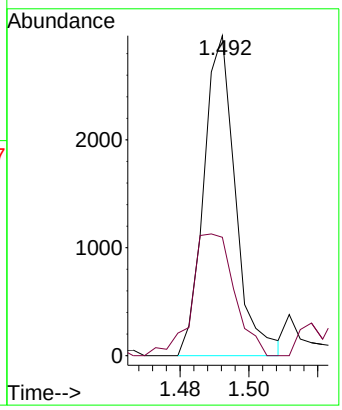




#9
Propene
Concen: 0.245 ppbv
RT: 1.492 min Scan# 4
Delta R.T. 0.013 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 41 Resp: 189

Ion	Ratio	Lower	Upper
41	100		
42	52.3	3.7	5.5#



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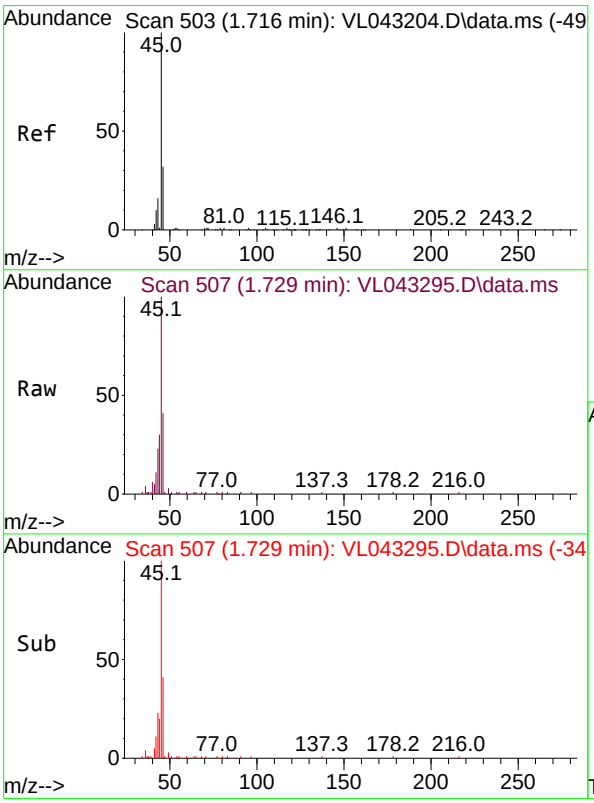
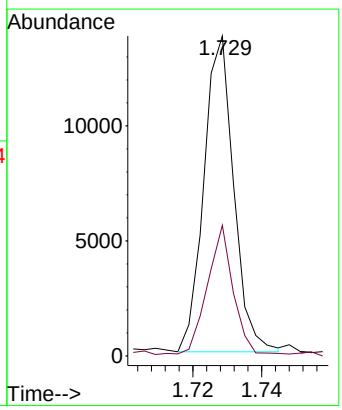
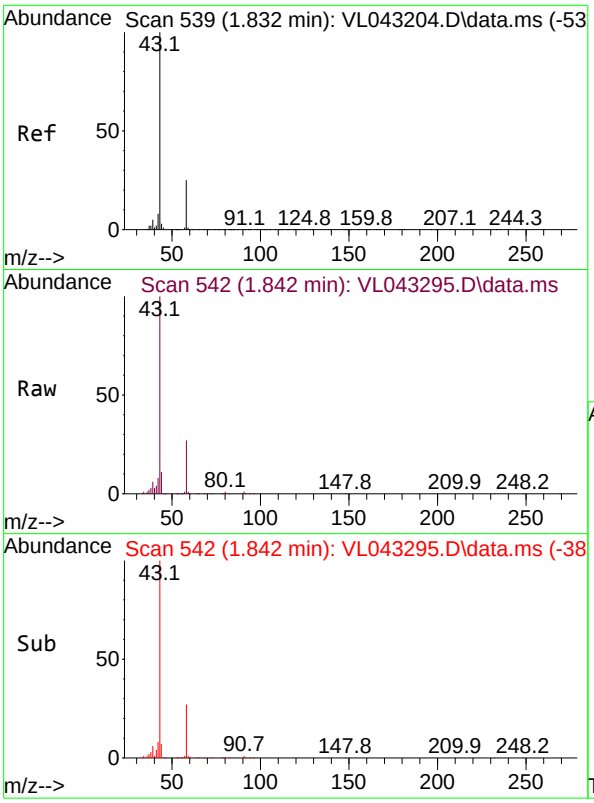


#13
Ethanol
Concen: 3.040 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.013 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 45 Resp: 8254

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	59.8#

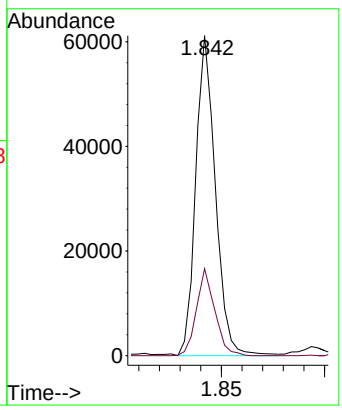




#15
Acetone
Concen: 2.217 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.009 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 43 Resp: 4038

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.7	31.1



Instrument :
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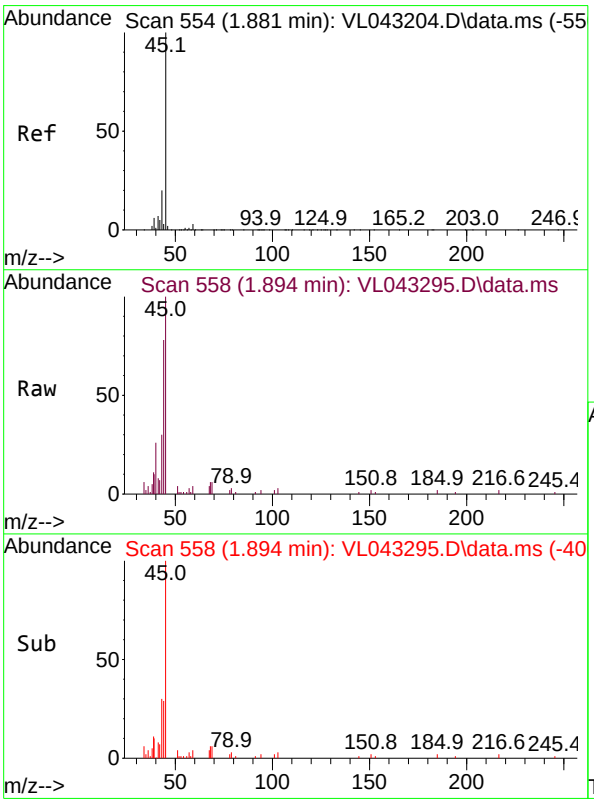
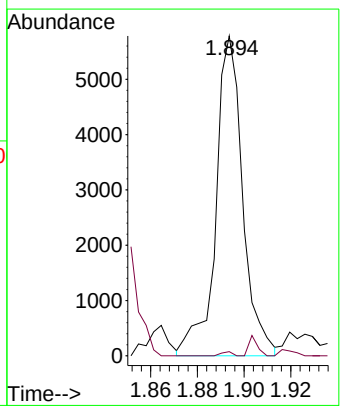
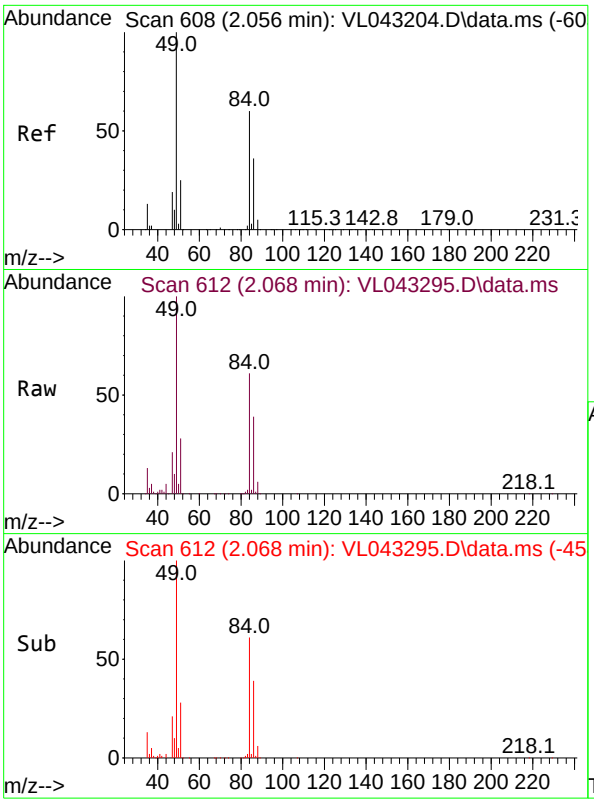


#19
Isopropyl Alcohol
Concen: 0.450 ppbv m
RT: 1.894 min Scan# 558
Delta R.T. 0.013 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 45 Resp: 4636

Ion	Ratio	Lower	Upper
45	100		
58	15.1	31.3	46.9#

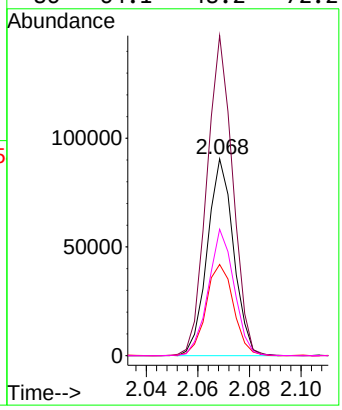




#20
Methylene Chloride
Concen: 12.134 ppbv
RT: 2.068 min Scan# 61
Delta R.T. 0.012 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 84 Resp: 6421

Ion	Ratio	Lower	Upper
84	100		
49	162.5	132.9	199.3
51	46.3	34.8	52.2
86	64.1	48.2	72.2



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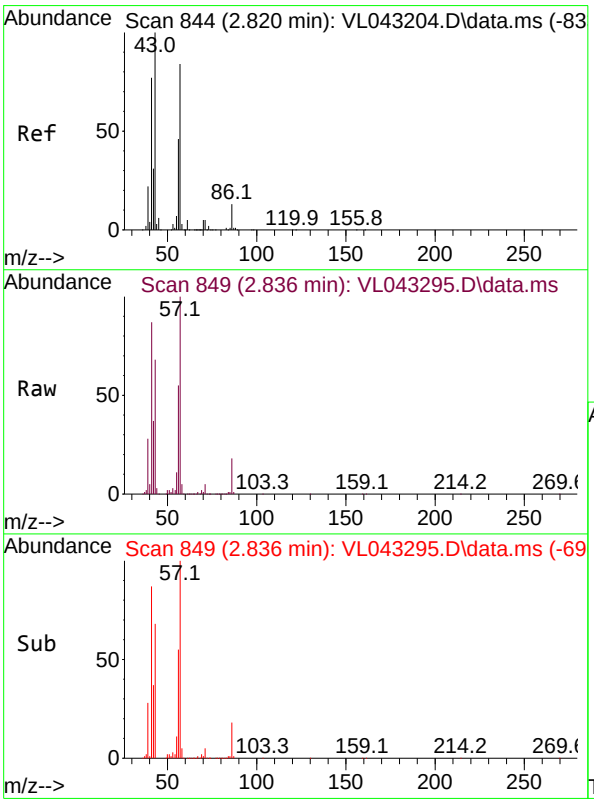
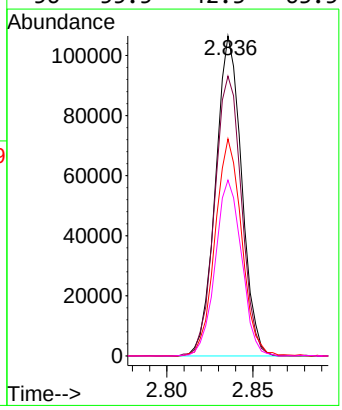
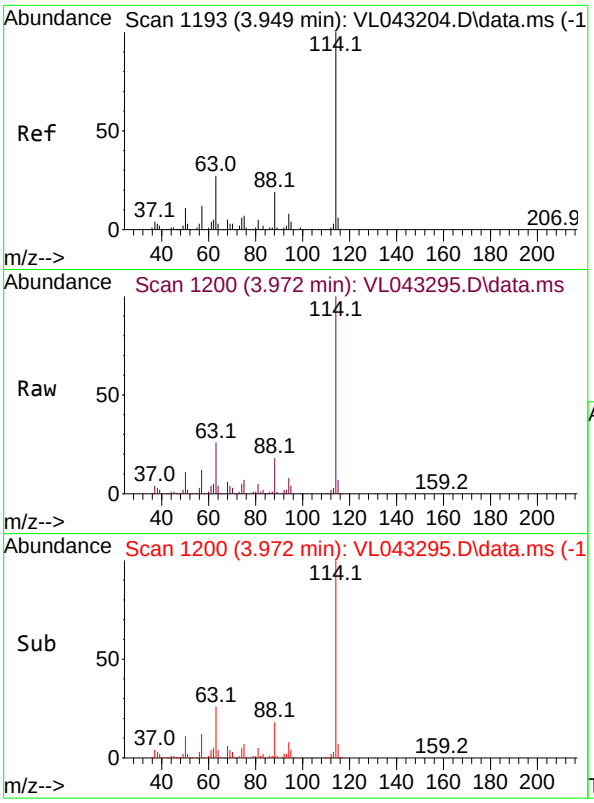


#26
Hexane
Concen: 6.508 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.016 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 57 Resp: 112069

Ion	Ratio	Lower	Upper
57	100		
41	90.2	74.6	111.8
43	69.2	179.0	268.4#
56	55.5	42.3	63.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1
Delta R.T. 0.022 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion:114 Resp: 33465

Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.0	31.6
88	18.2	14.9	22.3

Instrument :
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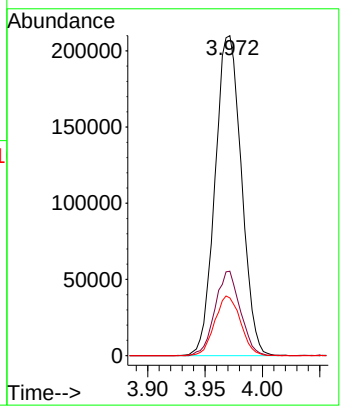
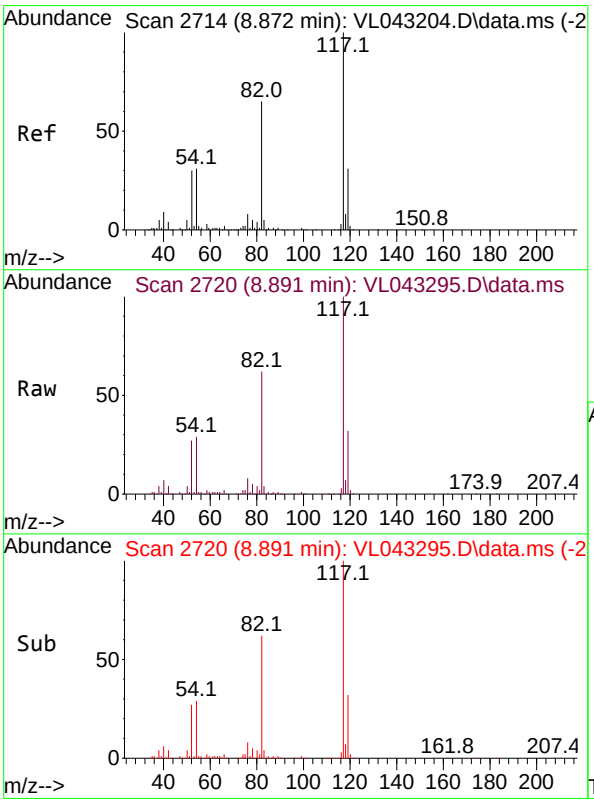
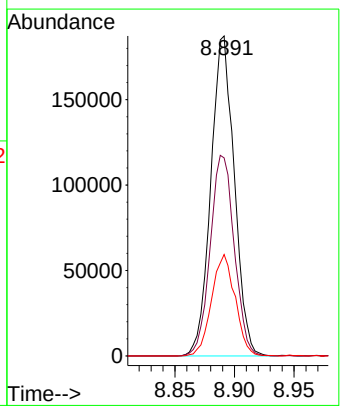


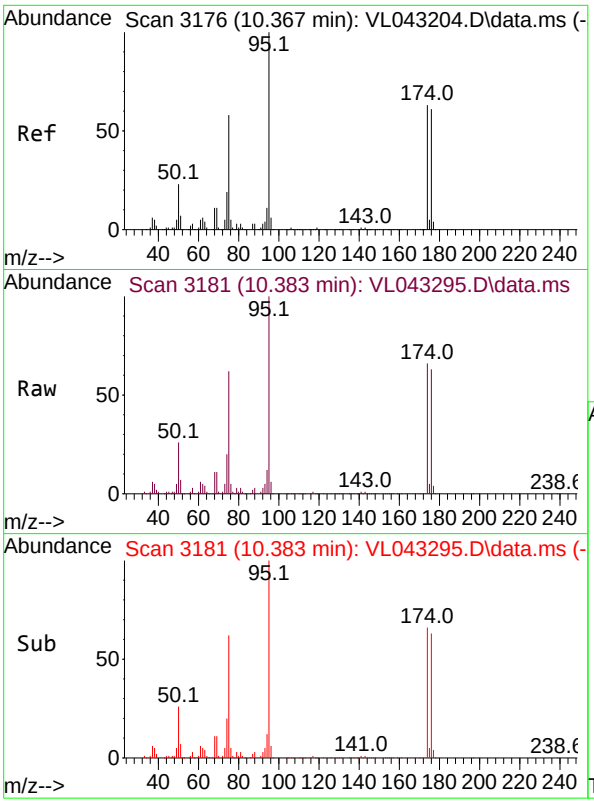


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. 0.019 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion:117 Resp: 256513

Ion	Ratio	Lower	Upper
117	100		
82	64.3	56.1	84.1
119	31.9	25.0	37.6

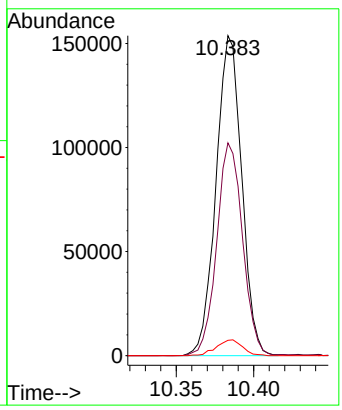




#68
1-Bromo-4-Fluorobenzene
Concen: 9.427 ppbv
RT: 10.383 min Scan# 3
Delta R.T. 0.016 min
Lab File: VL043295.D
Acq: 02 Dec 2025 12:53

Tgt Ion: 95 Resp: 17725

Ion	Ratio	Lower	Upper
95	100		
174	67.3	50.2	75.2
175	5.0	4.1	6.1



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