Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042816.D
Acq On : 04 Aug 2025 21:23
Operator : SY/MD
Sample : Q2750-05DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 01:13:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-6DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	149392	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.959	114	386690	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.882	117	329987	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	255046	9.760	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.600%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	1.473	51	125546	4.879	ppbv		99
9) Propene	1.486	41	8957m	0.958	ppbv		
13) Ethanol	1.722	45	266265	389.889	ppbv		89
15) Acetone	1.835	43	173387	8.405	ppbv		99
19) Isopropyl Alcohol	1.897	45	4676481	426.595	ppbv	#	40
20) Methylene Chloride	2.065	84	1787	0.275	ppbv	#	75

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

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Quant Time: Aug 05 01:13:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration

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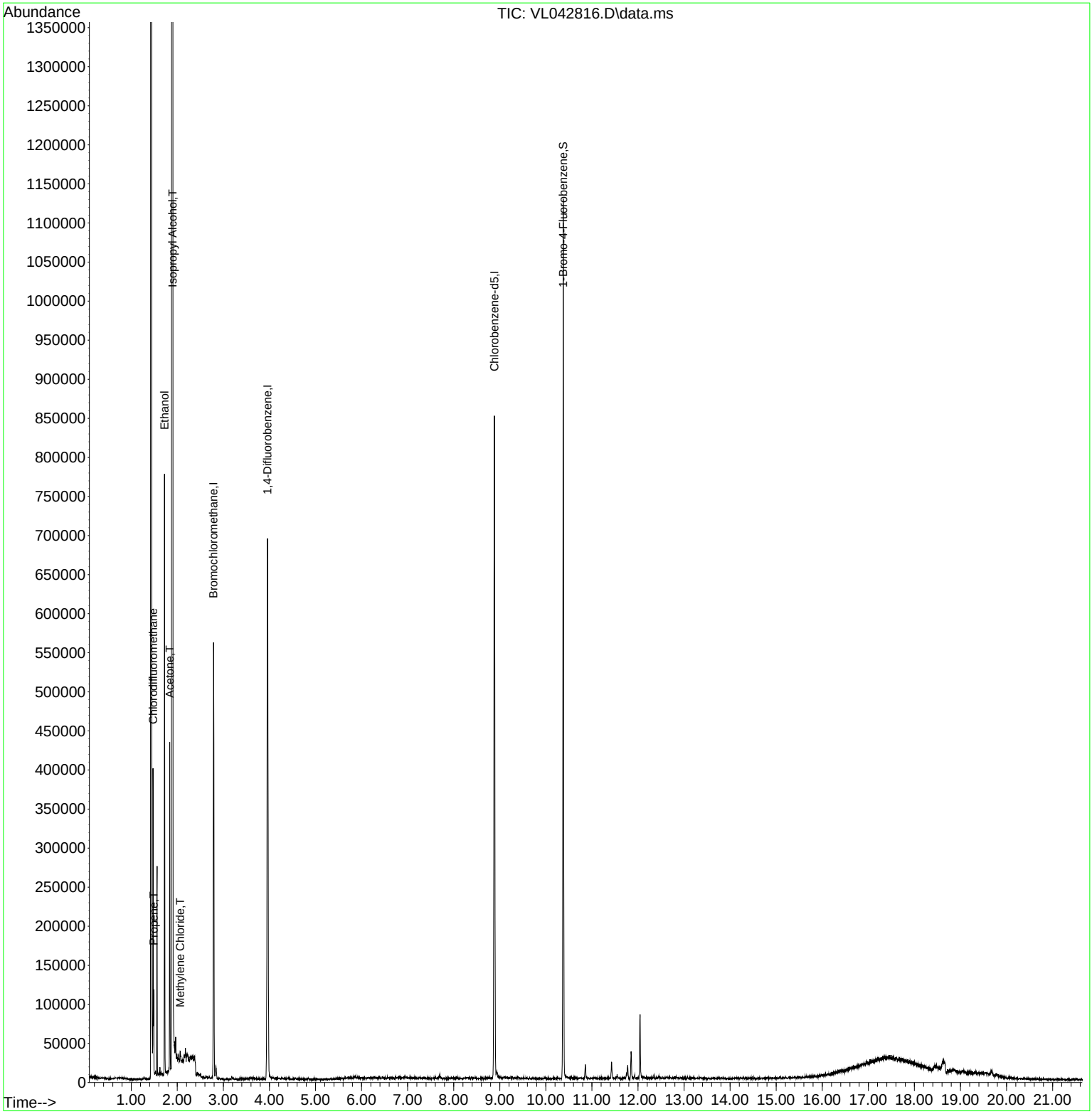
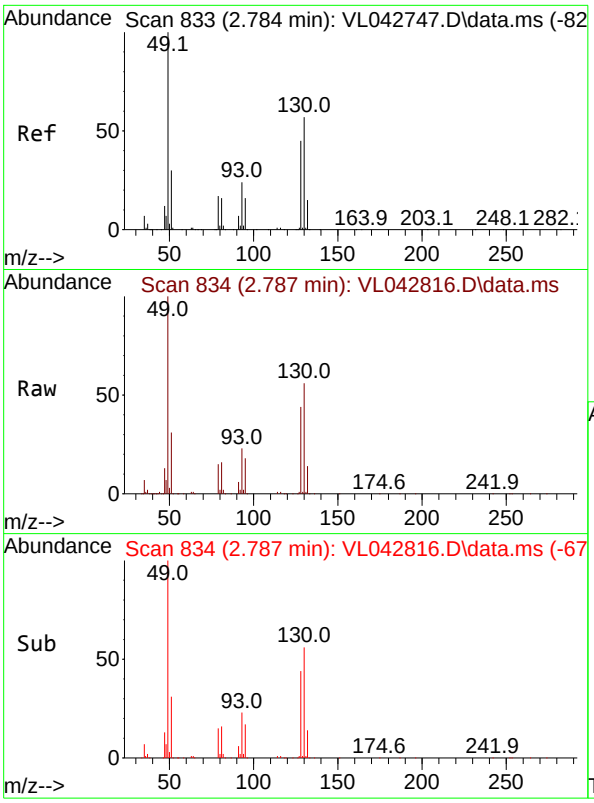
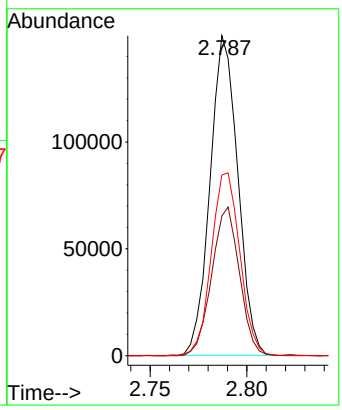




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 49 Resp: 14939

Ion	Ratio	Lower	Upper
49	100		
128	46.4	23.6	71.0
130	58.8	30.3	90.8



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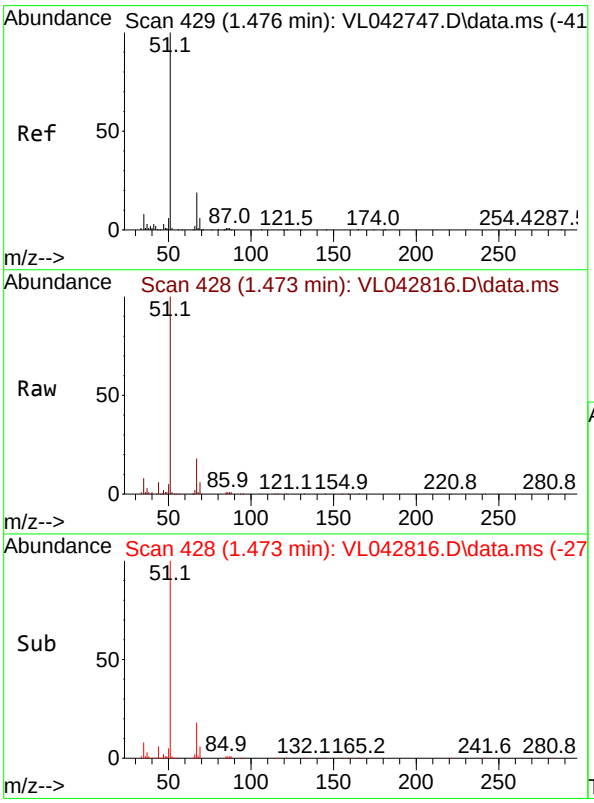
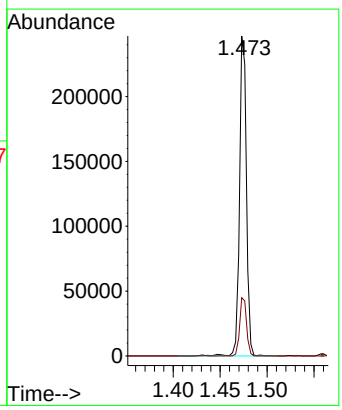
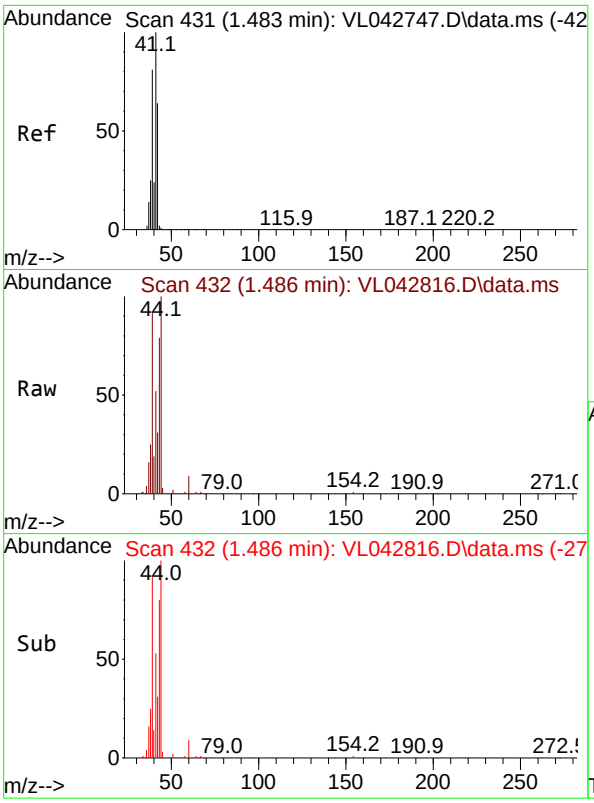


#3
Chlorodifluoromethane
Concen: 4.879 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 51 Resp: 125546

Ion	Ratio	Lower	Upper
51	100		
67	18.2	15.0	22.6

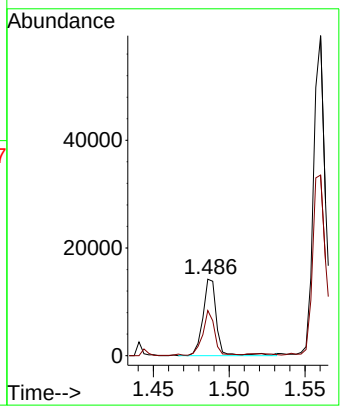




#9
Propene
Concen: 0.958 ppbv m
RT: 1.486 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 41 Resp: 895

Ion	Ratio	Lower	Upper
41	100		
42	8603.4	53.2	79.8



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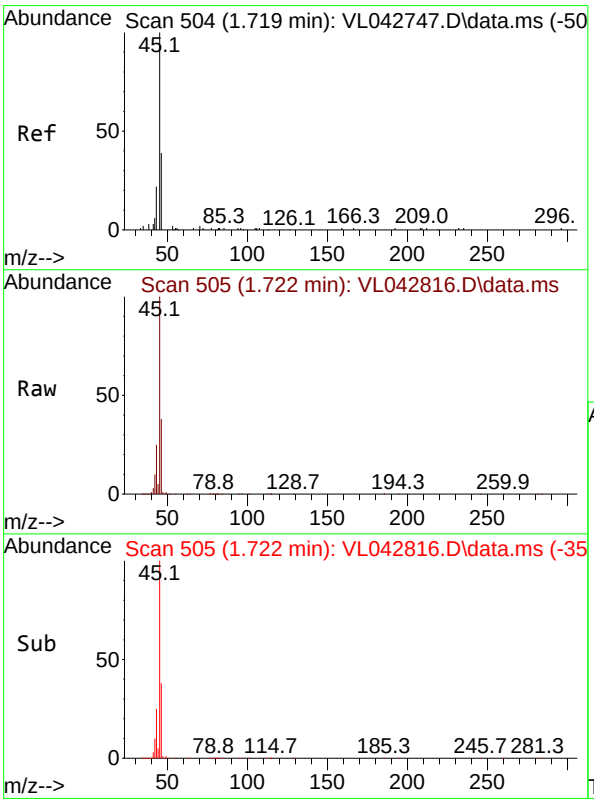
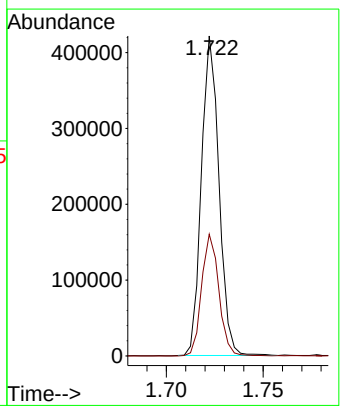
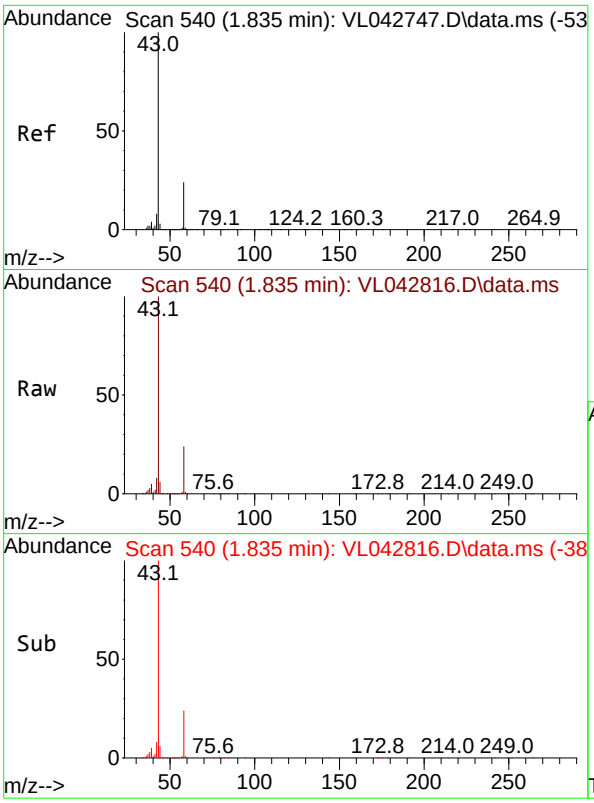


#13
Ethanol
Concen: 389.889 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 45 Resp: 266265

Ion	Ratio	Lower	Upper
45	100		
46	37.7	17.8	71.4





#15
Acetone
Concen: 8.405 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 43 Resp: 17338

Ion	Ratio	Lower	Upper
43	100		
58	24.5	19.8	29.8

Instrument :
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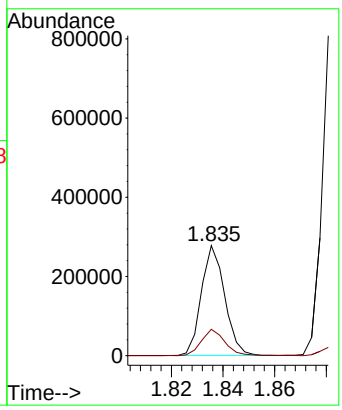
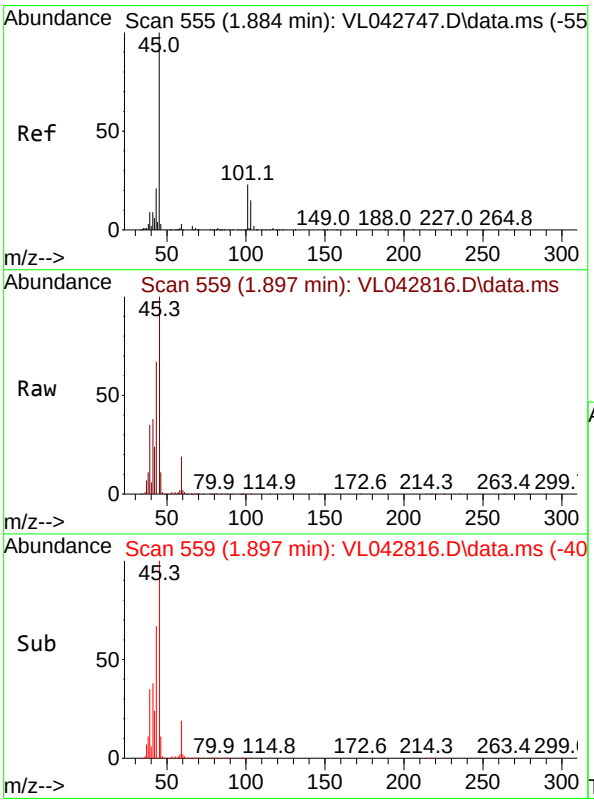
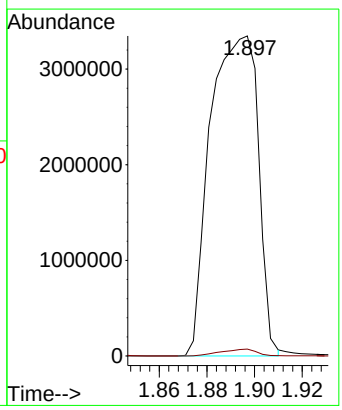


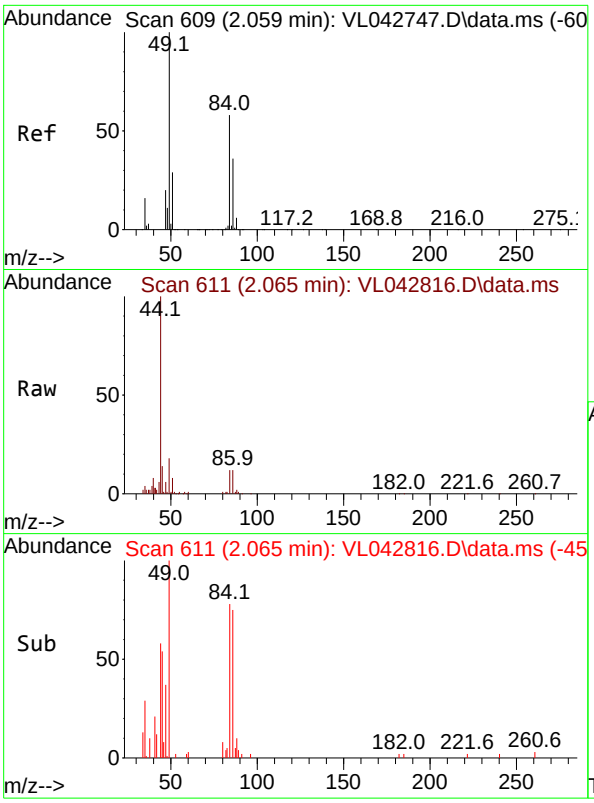


#19
Isopropyl Alcohol
Concen: 426.595 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.013 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 45 Resp: 4676481

Ion	Ratio	Lower	Upper
45	100		
58	1.6	30.0	45.0#

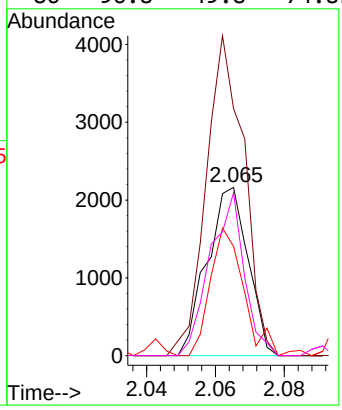




#20
Methylene Chloride
Concen: 0.275 ppbv
RT: 2.065 min Scan# 6
Delta R.T. 0.006 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 84 Resp: 178

Ion	Ratio	Lower	Upper
84	100		
49	146.7	138.6	208.0
51	64.9	40.6	61.0#
86	96.8	49.8	74.8#



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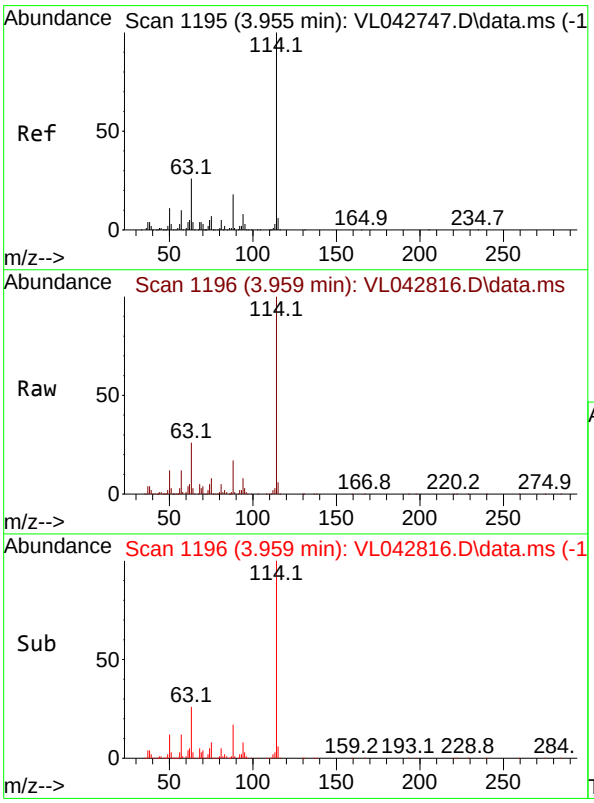
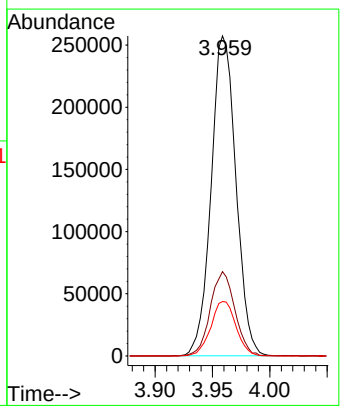
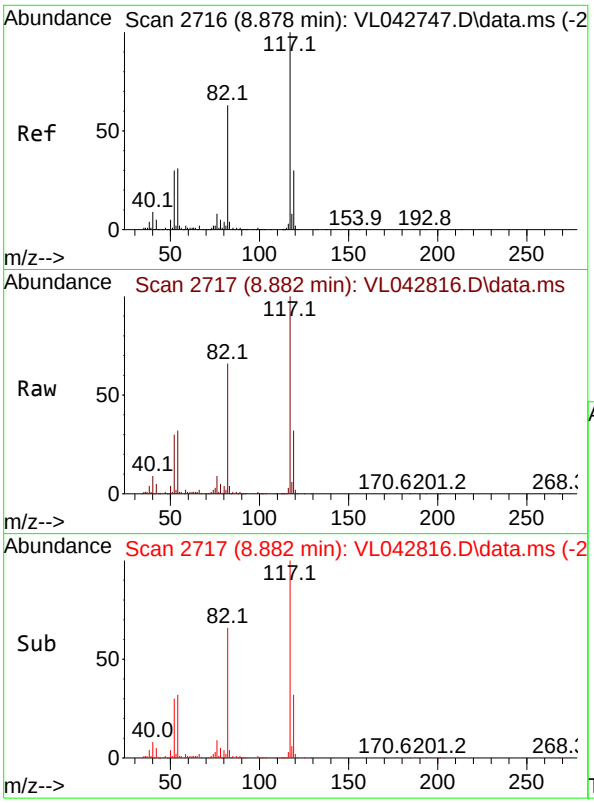


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion:114 Resp: 386690

Ion	Ratio	Lower	Upper
114	100		
63	26.3	20.5	30.7
88	17.3	14.0	21.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion:117 Resp: 32998

Ion	Ratio	Lower	Upper
117	100		
82	65.0	53.3	79.9
119	32.2	25.8	38.6

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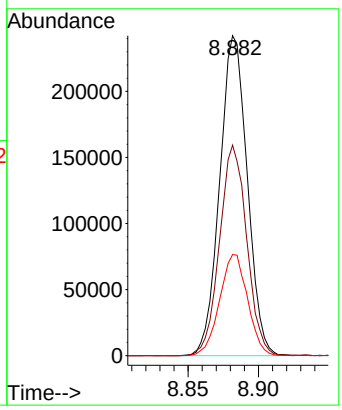
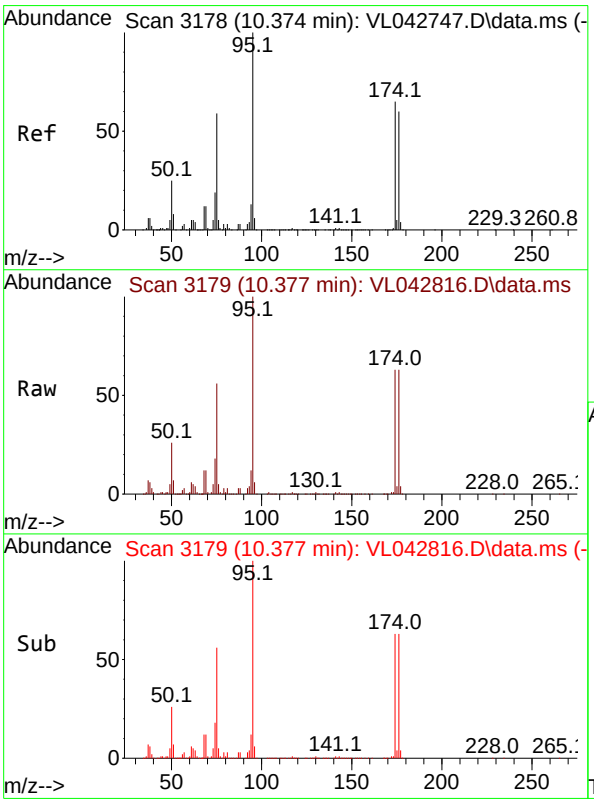
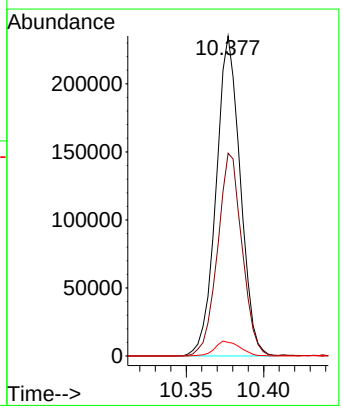




#68
1-Bromo-4-Fluorobenzene
Concen: 9.760 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL042816.D
Acq: 04 Aug 2025 21:23

Tgt Ion: 95 Resp: 255046

Ion	Ratio	Lower	Upper
95	100		
174	64.6	53.8	80.6
175	4.8	4.0	6.0