Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042192.D
Acq On : 27 Mar 2025 22:29
Operator : SY/MD
Sample : Q1669-07DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 02:18:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-1-3262025DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	182834	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	517445	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	472334	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	383930	9.898	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.000%			
Target Compounds						Qvalue
13) Ethanol	1.722	45	18353	15.359	ppbv #	27
15) Acetone	1.835	43	97895	3.828	ppbv	95
20) Methylene Chloride	2.062	84	2299	0.241	ppbv #	79
34) 2-Butanone	2.564	43	9065	0.242	ppbv	97
50) 4-Methyl-2-Pentanone	5.774	43	10001m	0.168	ppbv	
53) Toluene	6.933	91	34361	0.565	ppbv	100
59) m/p-Xylene	9.532	91	11656m	0.174	ppbv	

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

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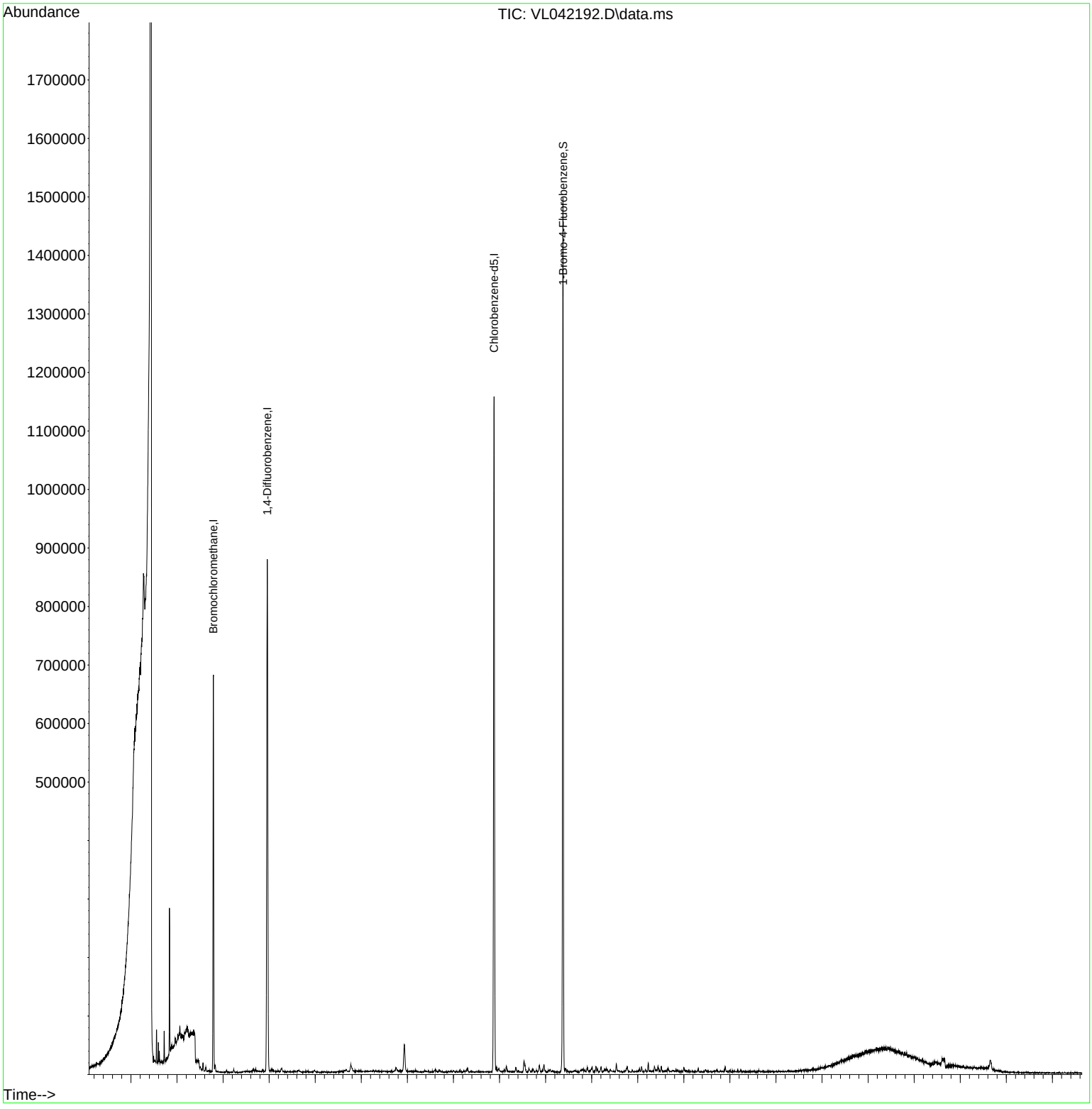
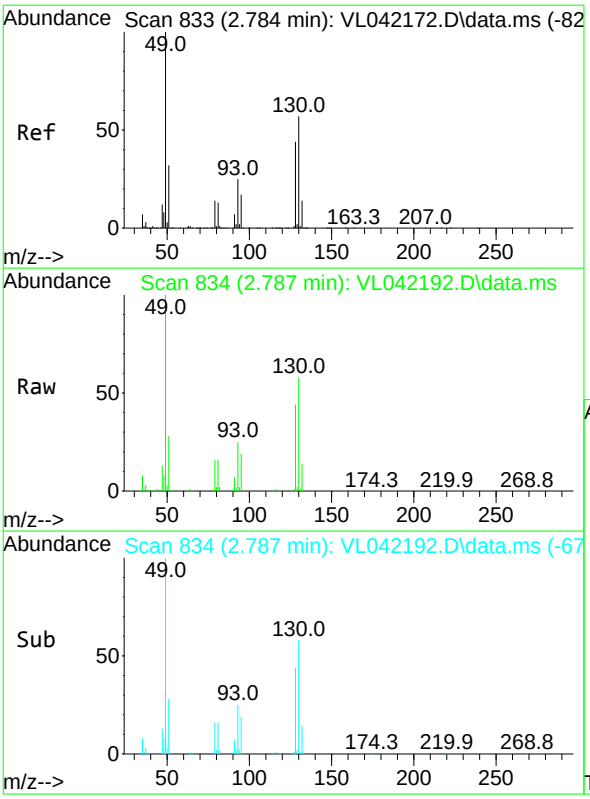
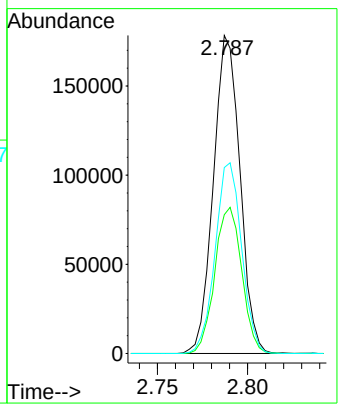




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 49 Resp: 182834

Ion	Ratio	Lower	Upper
49	100		
128	46.7	22.9	68.5
130	59.8	28.8	86.4



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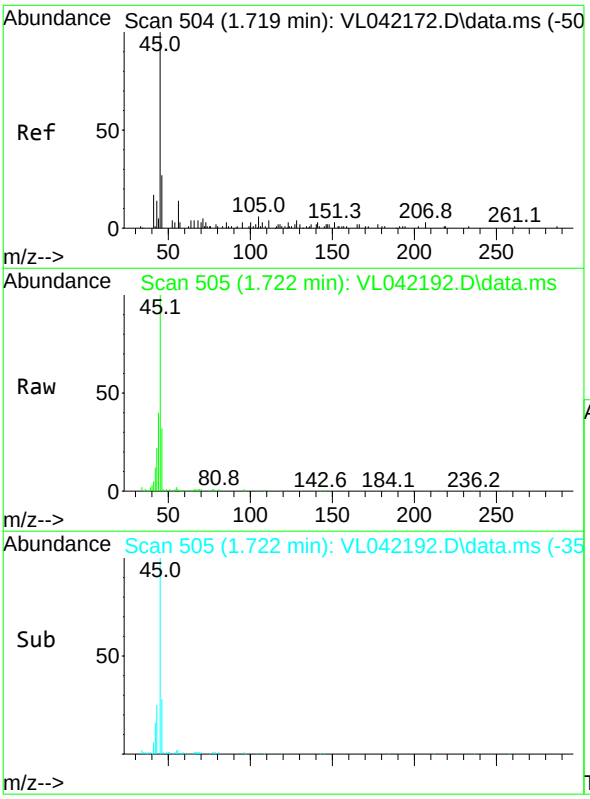
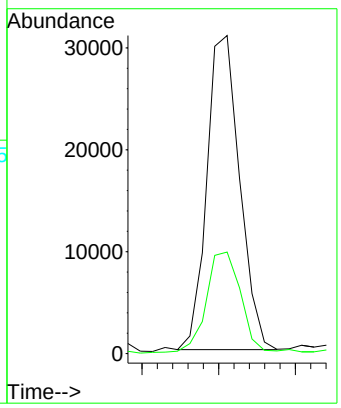
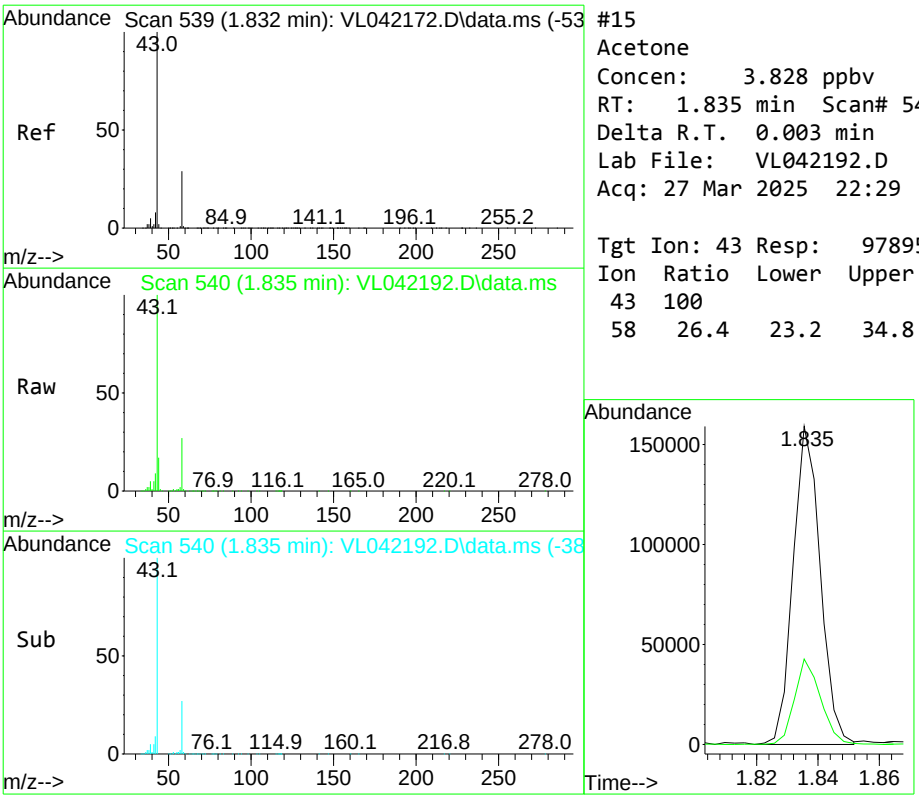


#13
Ethanol
Concen: 15.359 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 45 Resp: 18353

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	80.8#





#15
Acetone
Concen: 3.828 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 43 Resp: 97895

Ion	Ratio	Lower	Upper
43	100		
58	26.4	23.2	34.8

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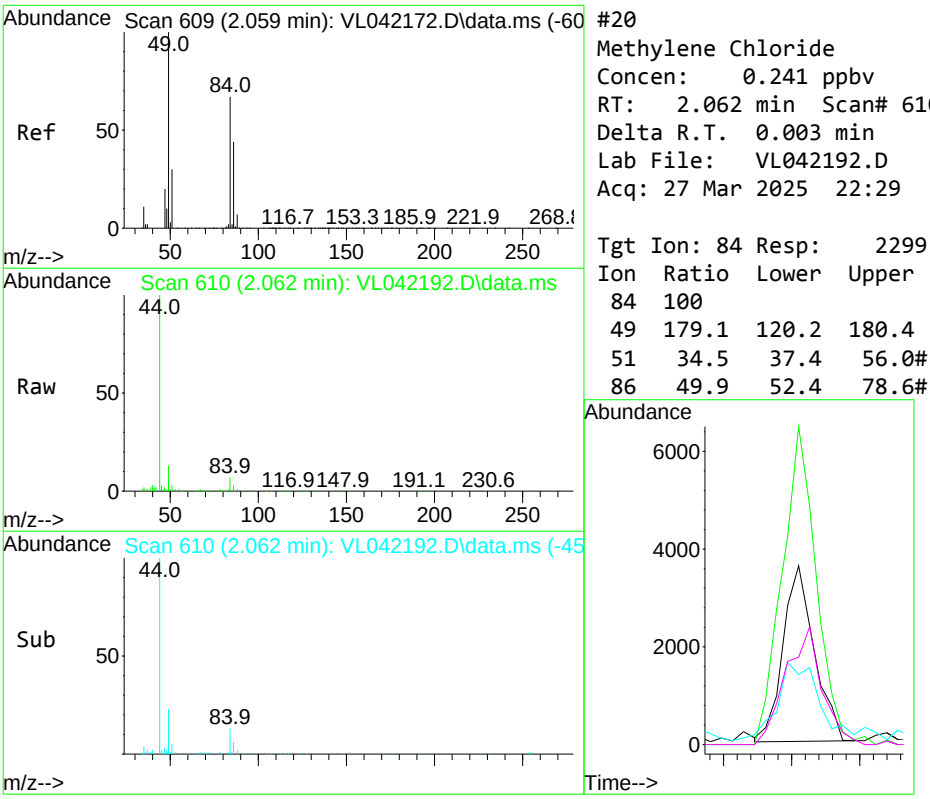
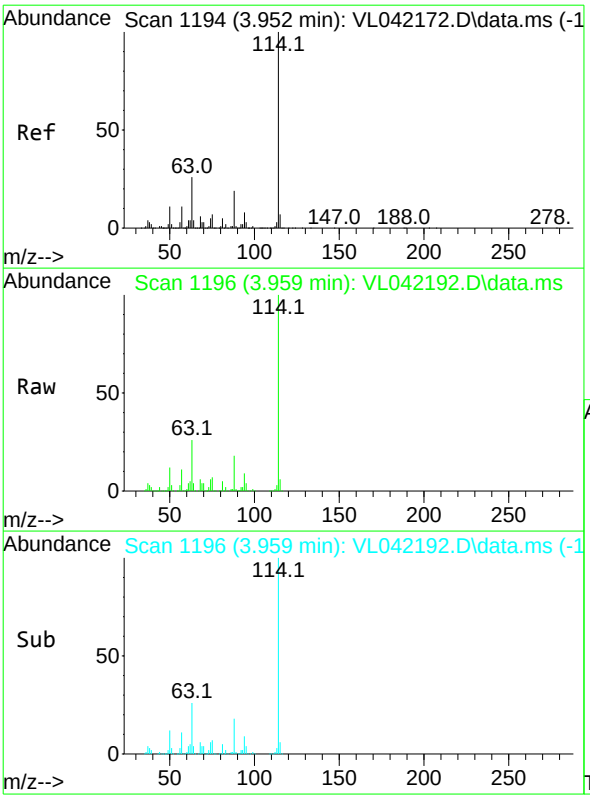


#20
Methylene Chloride
Concen: 0.241 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 84 Resp: 2299

Ion	Ratio	Lower	Upper
84	100		
49	179.1	120.2	180.4
51	34.5	37.4	56.0#
86	49.9	52.4	78.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion:114 Resp: 517445

Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.7	31.1
88	18.3	15.0	22.4

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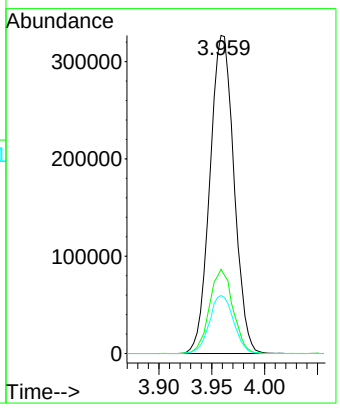
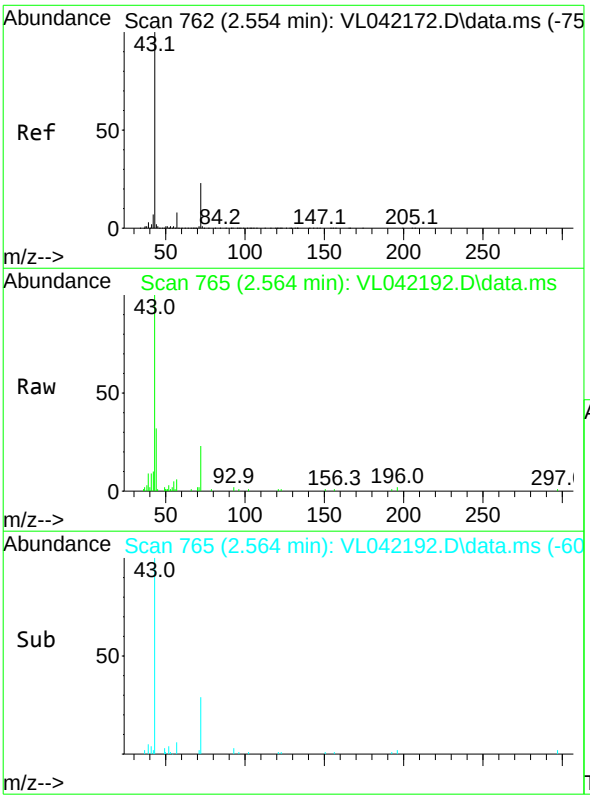
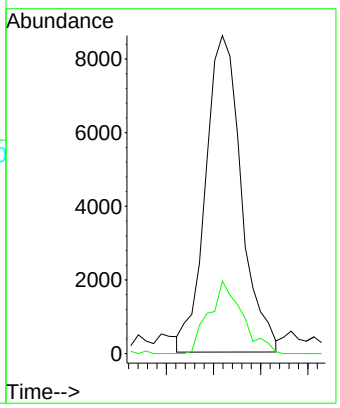


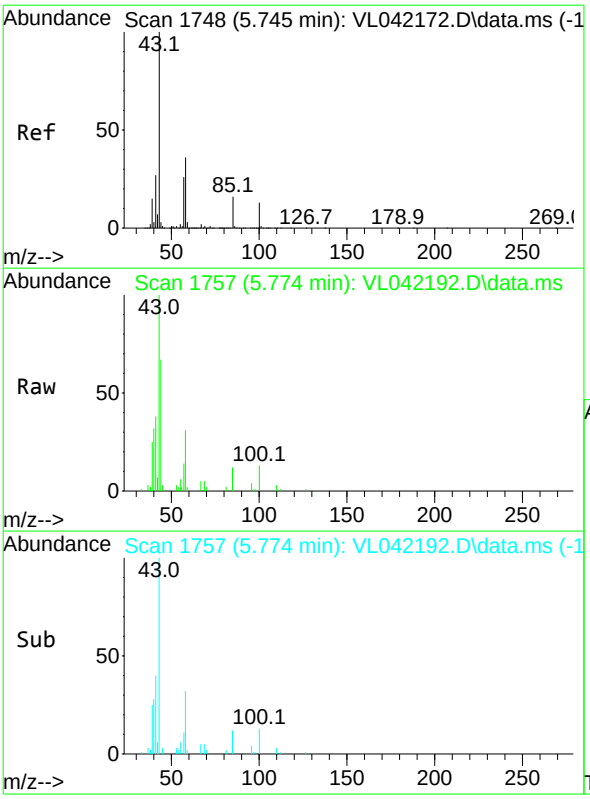


#34
2-Butanone
Concen: 0.242 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.010 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 43 Resp: 9065

Ion	Ratio	Lower	Upper
43	100		
72	21.4	18.2	27.2

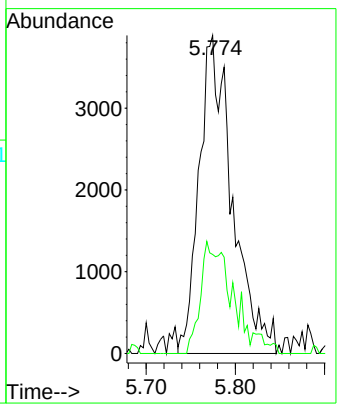




#50
4-Methyl-2-Pentanone
Concen: 0.168 ppbv m
RT: 5.774 min Scan# 17
Delta R.T. 0.029 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 43 Resp: 10001

Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.0	43.6



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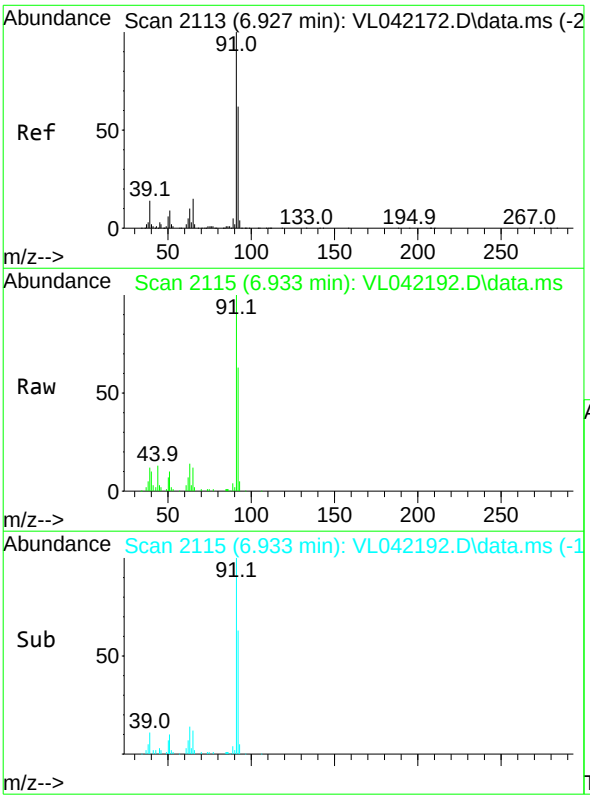
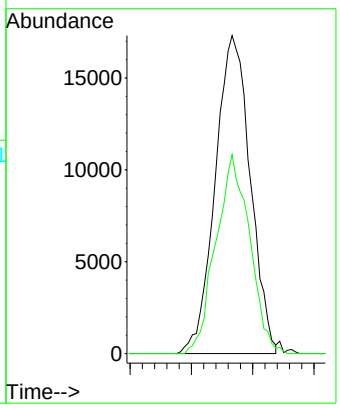
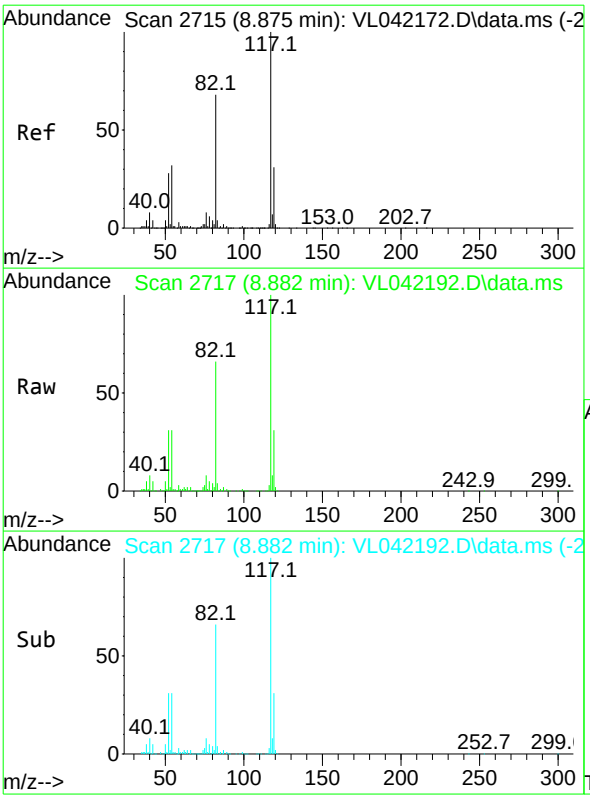


#53
Toluene
Concen: 0.565 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 91 Resp: 34361

Ion	Ratio	Lower	Upper
91	100		
92	60.3	48.4	72.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 27
Delta R.T. 0.006 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion:117 Resp: 472334

Ion	Ratio	Lower	Upper
117	100		
82	65.9	55.8	83.6
119	31.7	25.5	38.3

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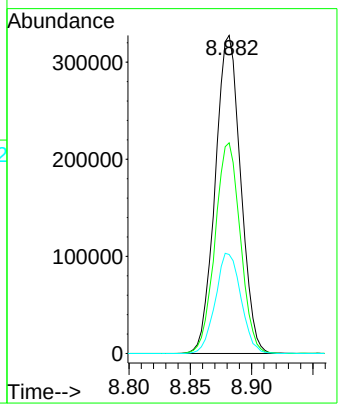
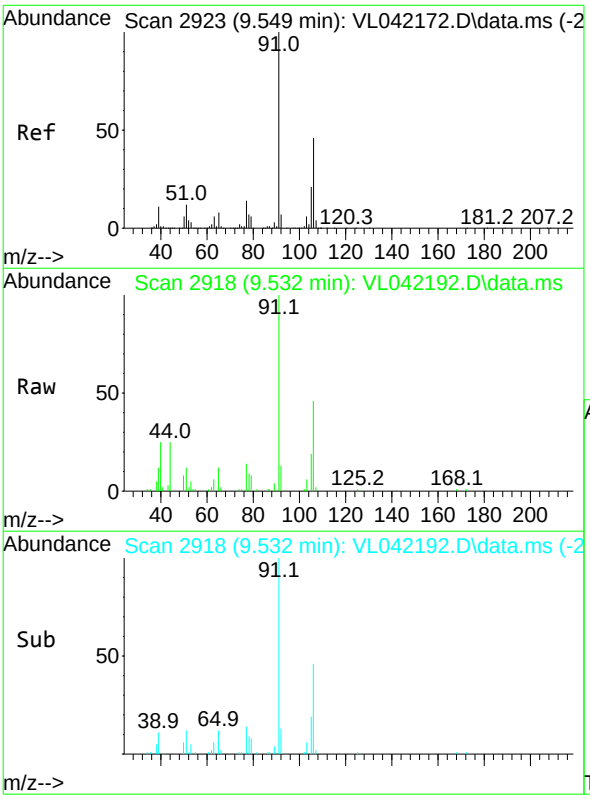
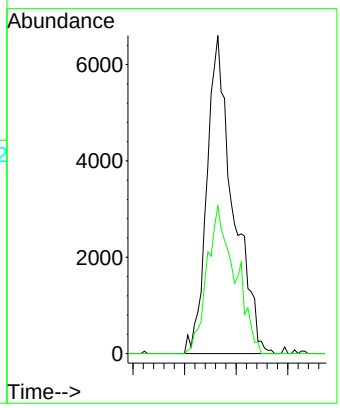


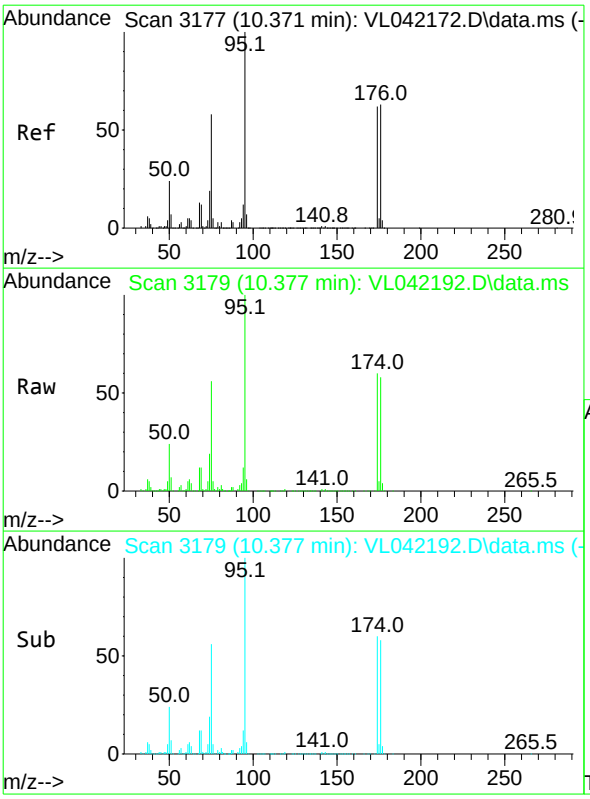


#59
m/p-Xylene
Concen: 0.174 ppbv m
RT: 9.532 min Scan# 2918
Delta R.T. -0.016 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 91 Resp: 11656

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.4	54.6#

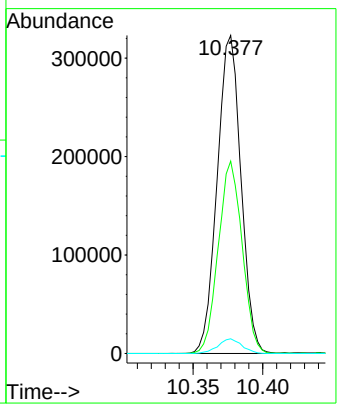




#68
1-Bromo-4-Fluorobenzene
Concen: 9.898 ppbv
RT: 10.377 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042192.D
Acq: 27 Mar 2025 22:29

Tgt Ion: 95 Resp: 383930

Ion	Ratio	Lower	Upper
95	100		
174	60.5	50.6	76.0
175	4.6	3.8	5.6



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