Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
Data File : VL043212.D
Acq On : 18 Nov 2025 14:41
Operator : SY/MD
Sample : VL1118ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Quant Time: Nov 19 01:34:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	95971	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	262557	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	209184	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	153824	10.032	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue
6) Bromomethane	1.693	94	95	0.035	ppbv	# 75
13) Ethanol	1.735	45	140	0.070	ppbv	# 1
15) Acetone	1.839	43	2093	0.157	ppbv	# 48
19) Isopropyl Alcohol	1.884	45	243	0.032	ppbv	# 36
20) Methylene Chloride	2.062	84	2588	Below Cal		# 92
34) 2-Butanone	2.567	43	948	0.051	ppbv	# 87
39) 1,2-Dichloropropane	3.955	63	67691	7.355	ppbv	# 25
79) Naphthalene	13.513	128	1575	0.049	ppbv	# 73
80) Naphthalene,2-methyl-	14.478	142	641	0.076	ppbv	93

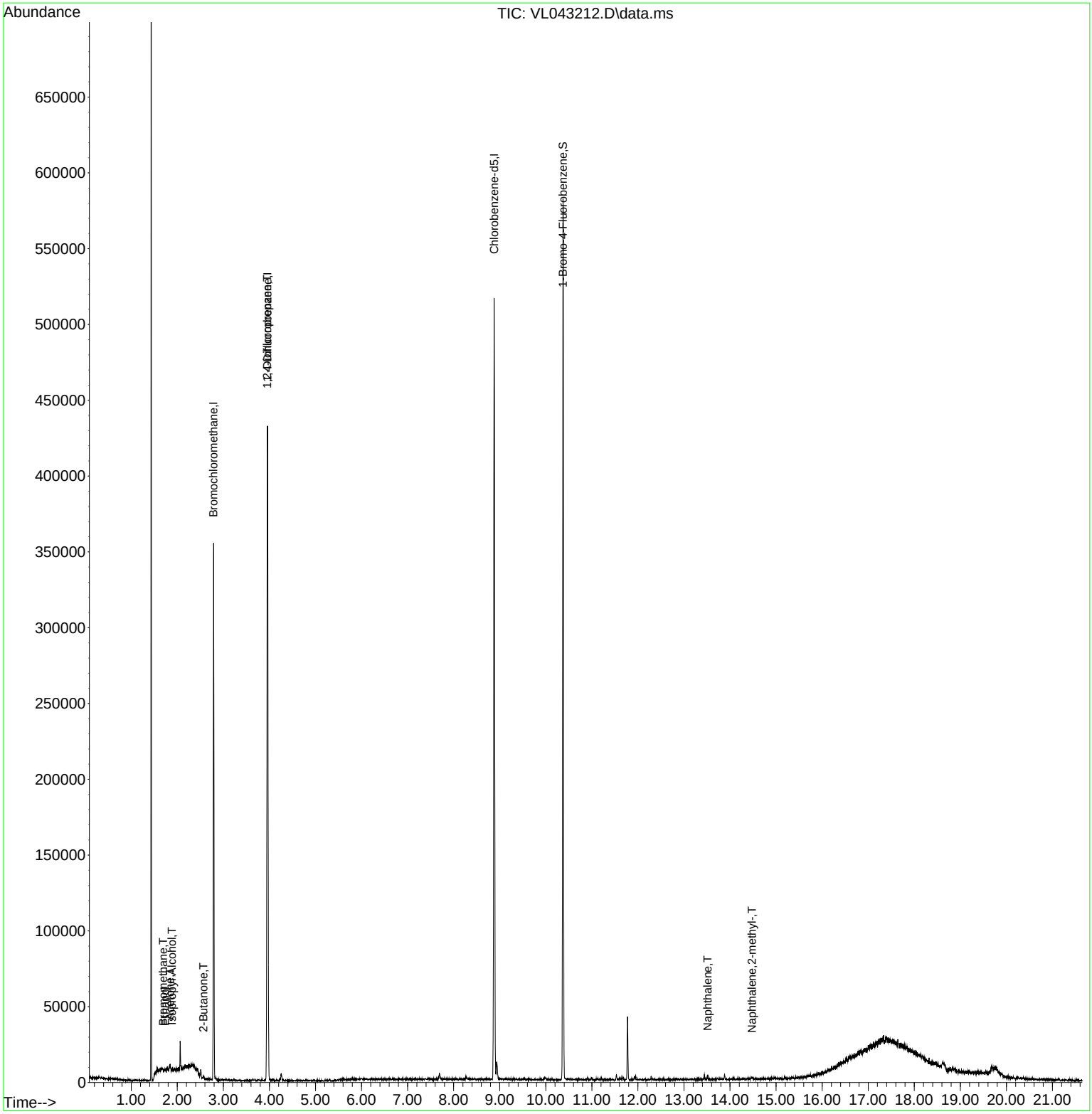
(#) = qualifier out of range (m) = manual integration (+) = signals summed

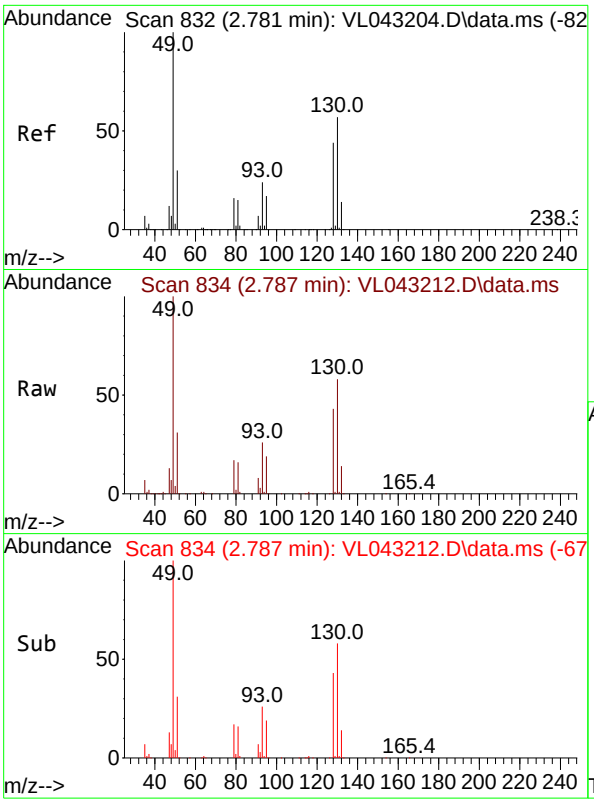
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
Data File : VL043212.D
Acq On : 18 Nov 2025 14:41
Operator : SY/MD
Sample : VL1118ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Quant Time: Nov 19 01:34:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration



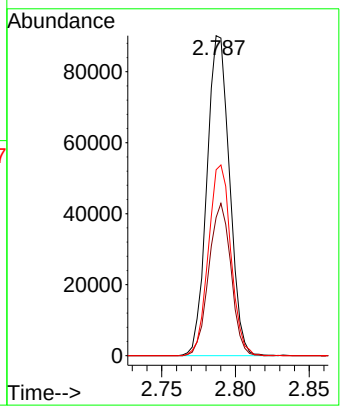


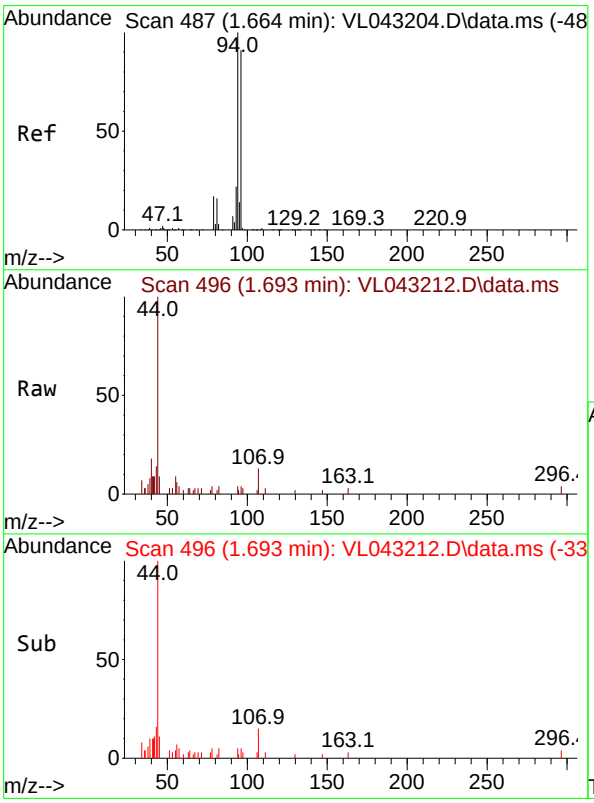
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion: 49 Resp: 95971

Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.0	69.0
130	59.3	29.9	89.7

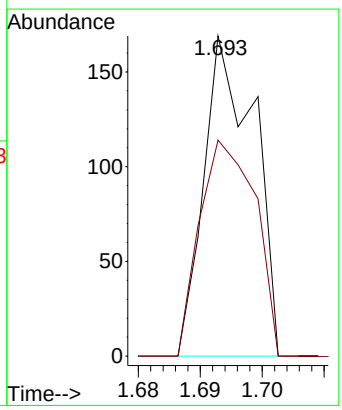


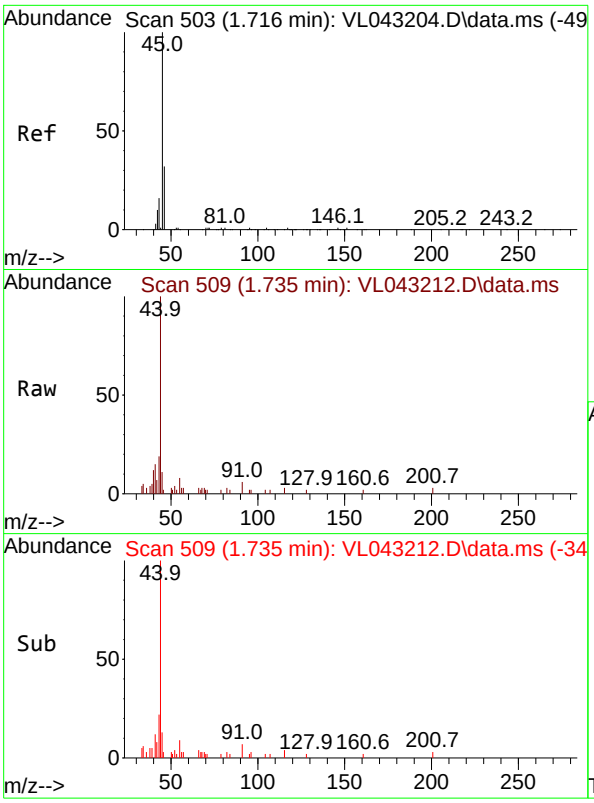


#6
Bromomethane
Concen: 0.035 ppbv
RT: 1.693 min Scan# 496
Delta R.T. 0.029 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Tgt Ion: 94 Resp: 95

Ion	Ratio	Lower	Upper
94	100		
96	67.5	72.9	109.3#



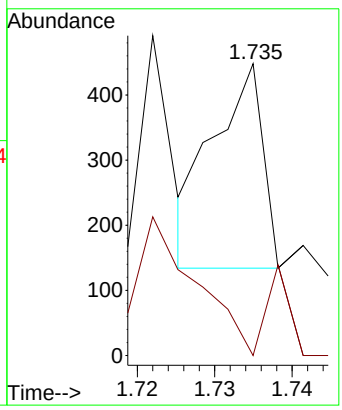


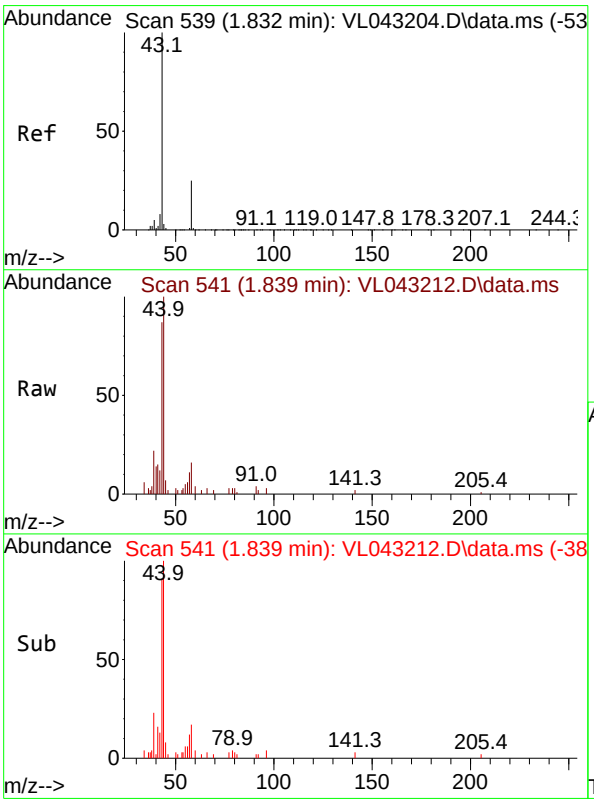
#13
Ethanol
Concen: 0.070 ppbv
RT: 1.735 min Scan# 5
Delta R.T. 0.019 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion: 45 Resp: 140

Ion	Ratio	Lower	Upper
45	100		
46	128.6	15.0	59.8#

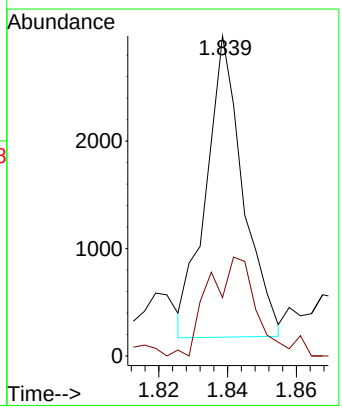


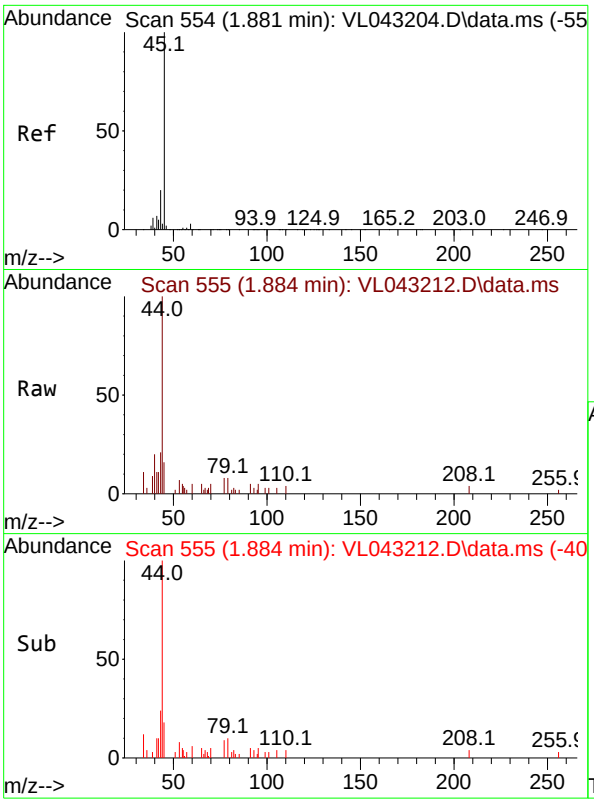


#15
Acetone
Concen: 0.157 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Tgt Ion: 43 Resp: 2093

Ion	Ratio	Lower	Upper
43	100		
58	52.1	20.7	31.1#



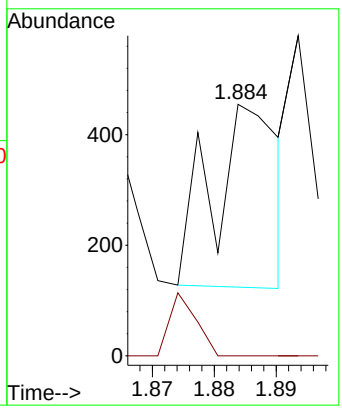


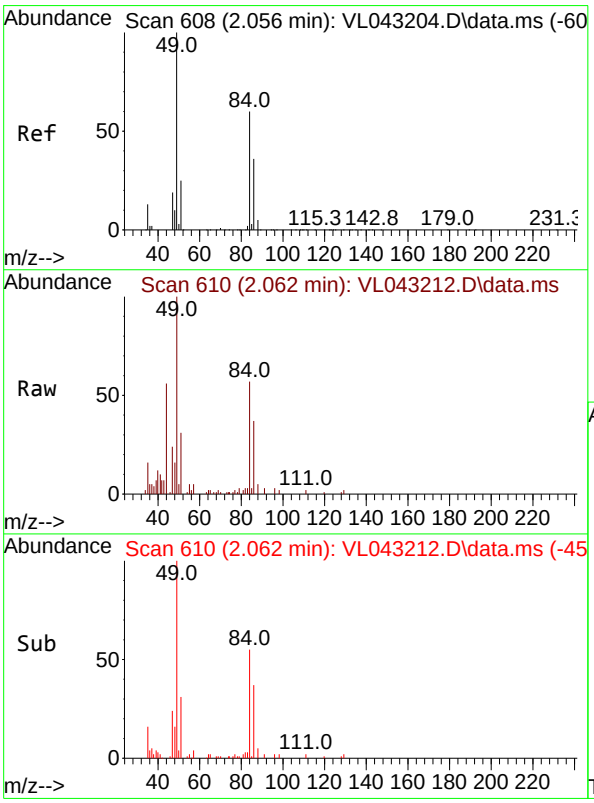
#19
Isopropyl Alcohol
Concen: 0.032 ppbv
RT: 1.884 min Scan# 5
Delta R.T. 0.003 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion: 45 Resp: 243

Ion	Ratio	Lower	Upper
45	100		
58	0.0	31.3	46.9#

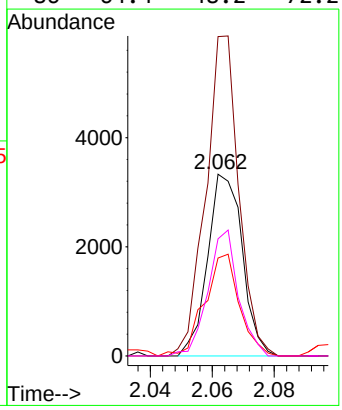


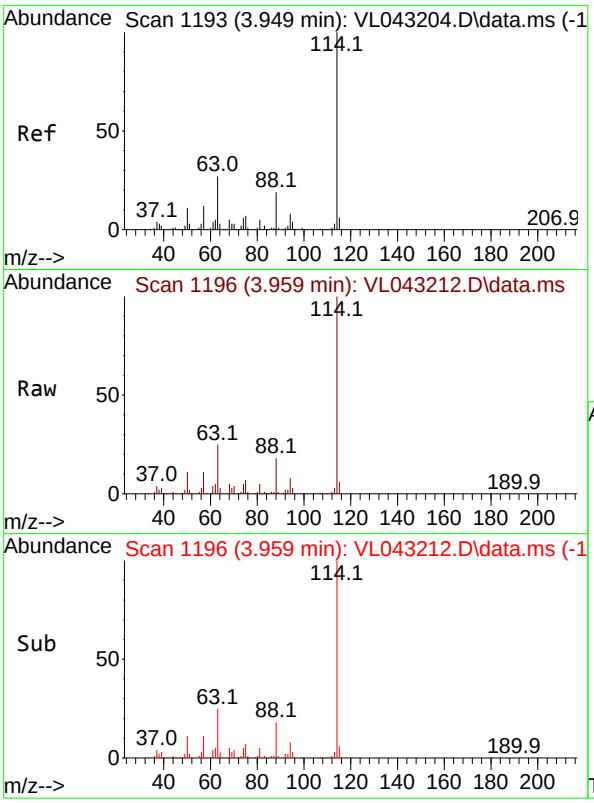


#20
Methylene Chloride
Concen: Below Cal
RT: 2.062 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Tgt Ion: 84 Resp: 2588

Ion	Ratio	Lower	Upper
84	100		
49	175.8	132.9	199.3
51	53.9	34.8	52.2#
86	64.4	48.2	72.2



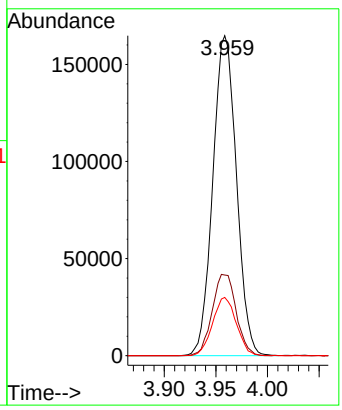


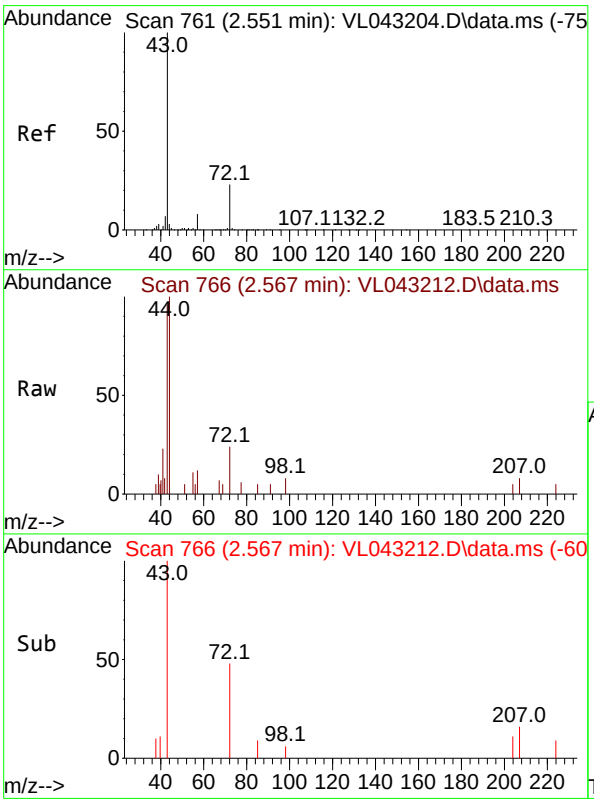
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1
Delta R.T. 0.009 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion:114 Resp: 262557

Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.0	31.6
88	18.3	14.9	22.3

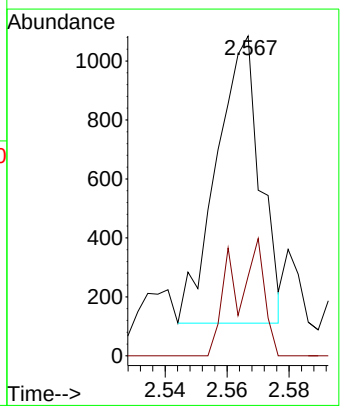


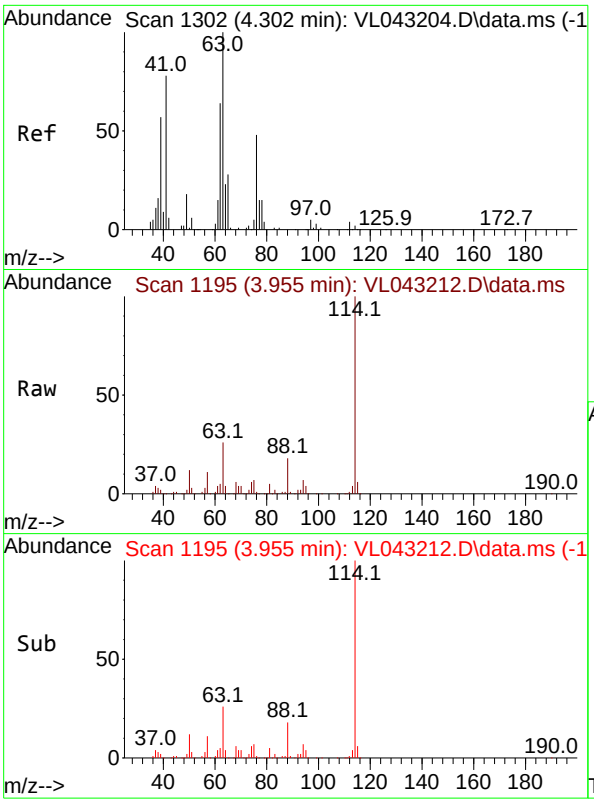


#34
2-Butanone
Concen: 0.051 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.016 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Tgt Ion: 43 Resp: 948

Ion	Ratio	Lower	Upper
43	100		
72	28.8	18.1	27.1#



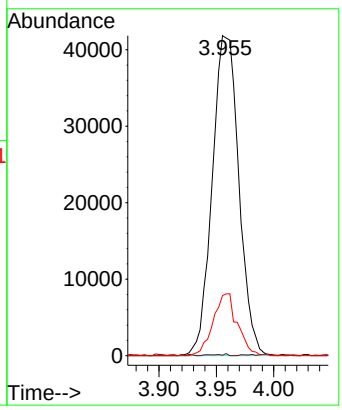


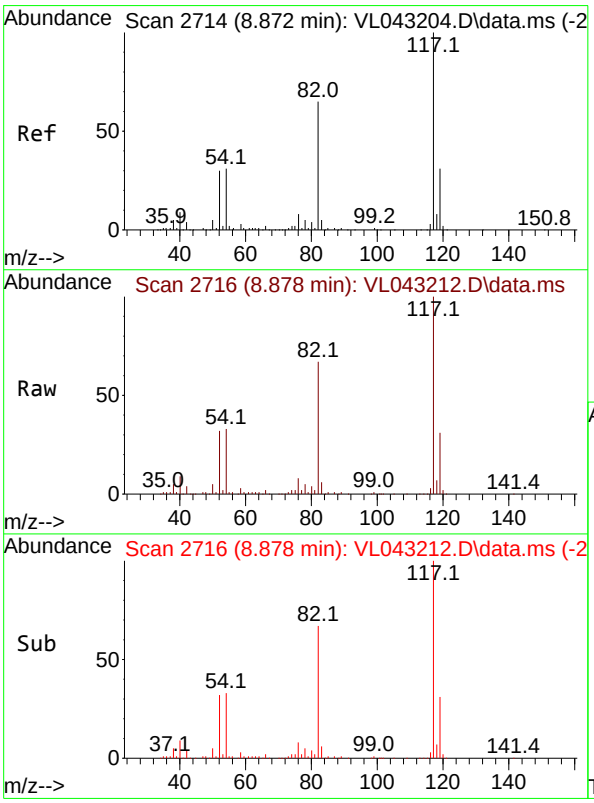
#39
1,2-Dichloropropane
Concen: 7.355 ppbv
RT: 3.955 min Scan# 11
Delta R.T. -0.347 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion: 63 Resp: 67691

Ion	Ratio	Lower	Upper
63	100		
41	0.2	62.6	93.8#
62	18.8	51.0	76.6#

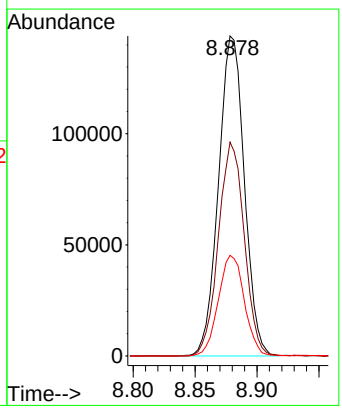


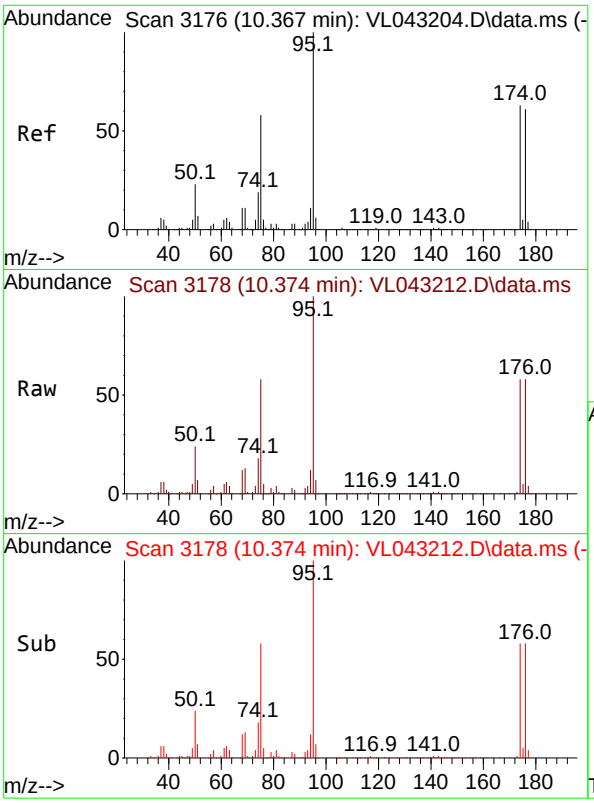


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. 0.006 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Tgt Ion:117 Resp: 209184

Ion	Ratio	Lower	Upper
117	100		
82	67.0	56.1	84.1
119	31.7	25.0	37.6



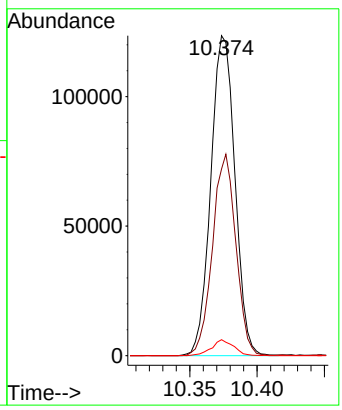


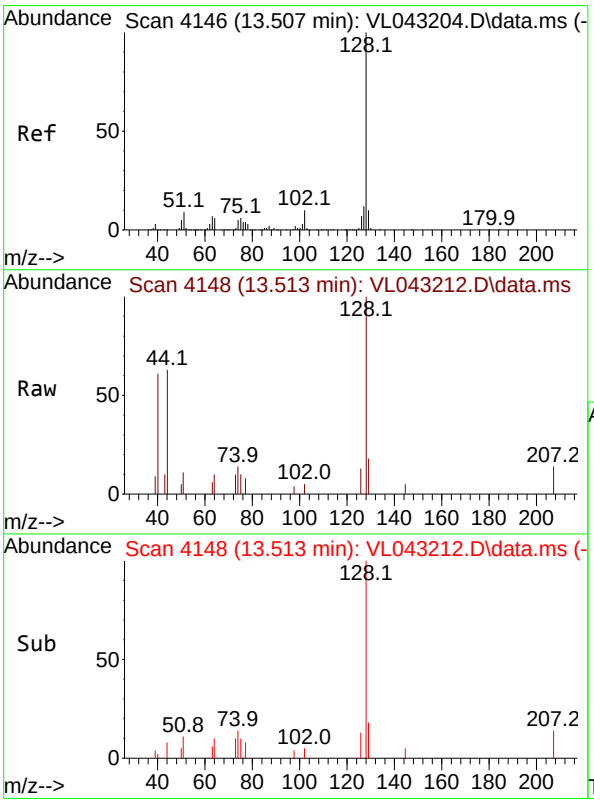
#68
1-Bromo-4-Fluorobenzene
Concen: 10.032 ppbv
RT: 10.374 min Scan# 3
Delta R.T. 0.006 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion: 95 Resp: 153824

Ion	Ratio	Lower	Upper
95	100		
174	61.2	50.2	75.2
175	4.6	4.1	6.1

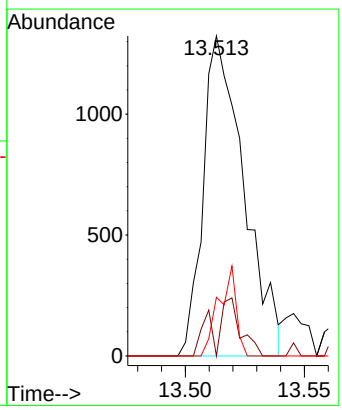


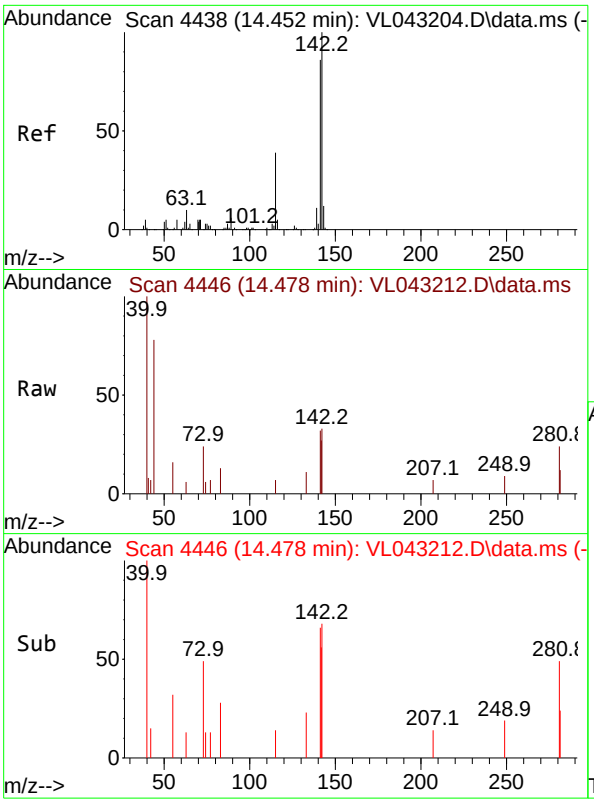


#79
Naphthalene
Concen: 0.049 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Tgt Ion:128 Resp: 1575

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	18.4	8.4	12.6#





#80
Naphthalene,2-methyl-
Concen: 0.076 ppbv
RT: 14.478 min Scan# 4
Delta R.T. 0.026 min
Lab File: VL043212.D
Acq: 18 Nov 2025 14:41

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABL01

Tgt Ion:142 Resp: 641

Ion	Ratio	Lower	Upper
142	100		
141	91.3	67.1	100.7
115	42.4	31.9	47.9