Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042986.D
Acq On : 23 Sep 2025 11:40
Operator : SY/MD
Sample : CAN 10147
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Quant Time: Sep 24 02:06:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	154371	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	426080	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	377171	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	285367	10.136	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.400%			
Target Compounds						Qvalue
13) Ethanol	1.887	45	442	0.405	ppbv	# 55
15) Acetone	1.839	43	2529	0.126	ppbv	# 67
19) Isopropyl Alcohol	1.887	45	442	0.037	ppbv	# 51
20) Methylene Chloride	2.062	84	2168	Below Cal		# 89
34) 2-Butanone	2.570	43	1267	0.042	ppbv	97
39) 1,2-Dichloropropane	3.959	63	110899	7.592	ppbv	# 24
78) Hexachloro-1,3-Butadiene	13.879	225	878	0.035	ppbv	90
79) Naphthalene	13.516	128	2111	0.044	ppbv	# 91
80) Naphthalene,2-methyl-	14.465	142	1758	0.118	ppbv	95
81) 1,2,4-Trichlorobenzene	13.442	180	1212	0.047	ppbv	# 88

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

Quantitation Report (Not Reviewed)

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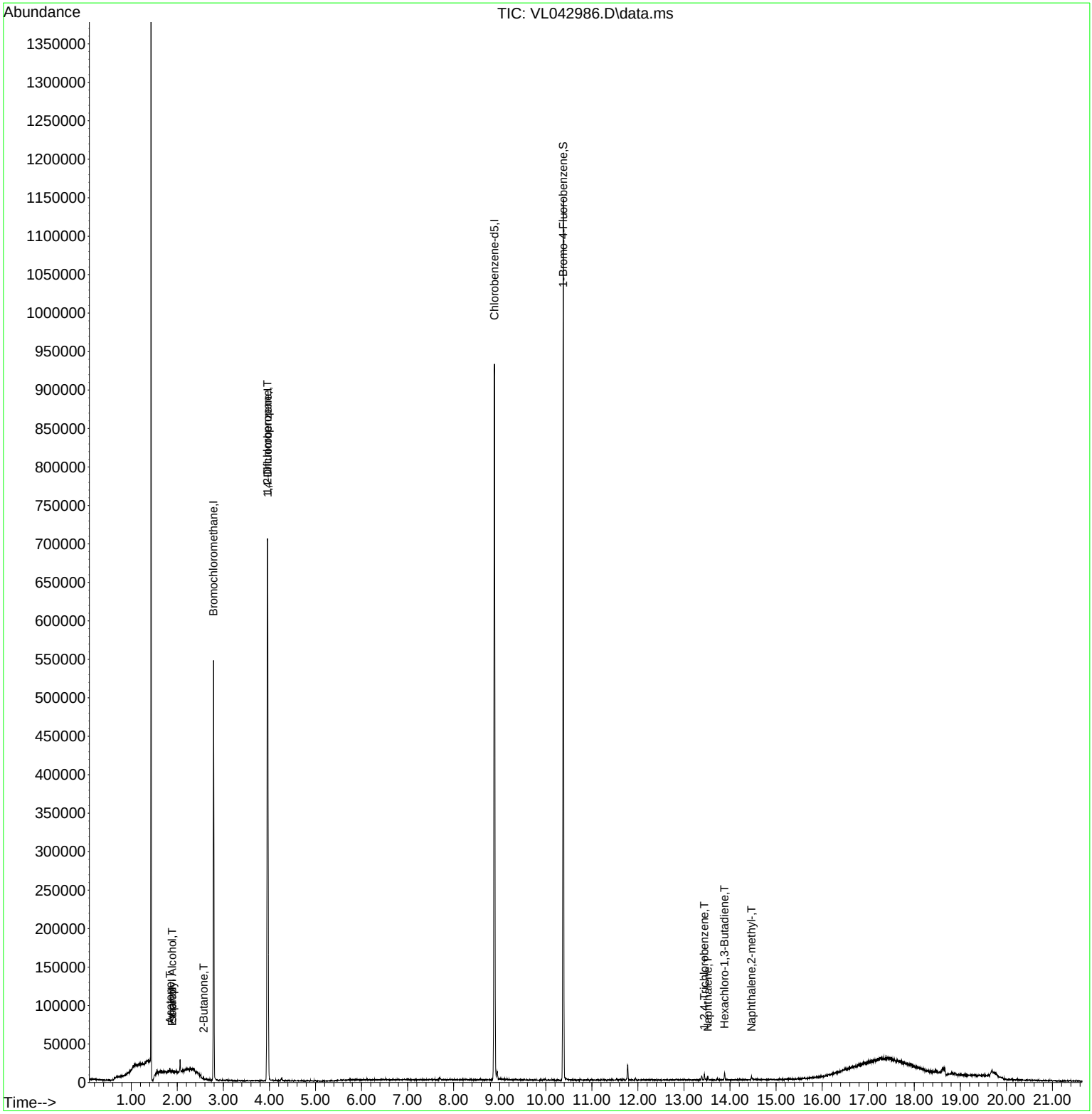
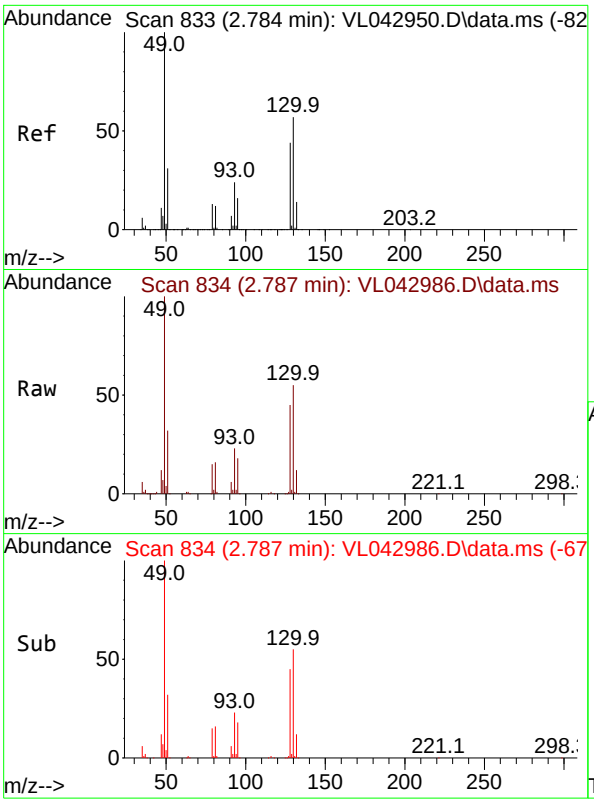


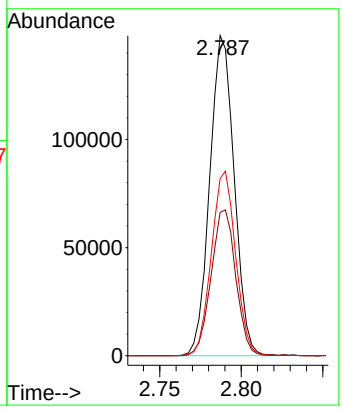


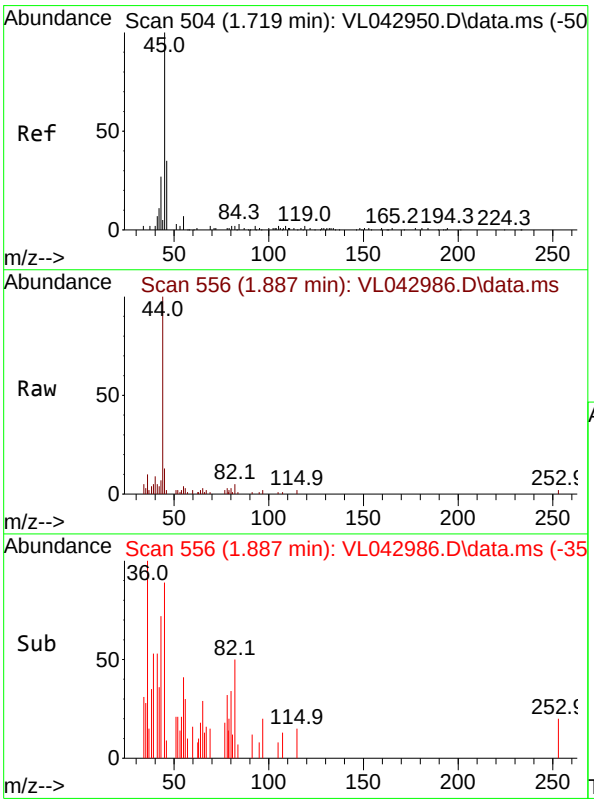
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion: 49 Resp: 154371

Ion	Ratio	Lower	Upper
49	100		
128	45.9	22.9	68.8
130	57.2	29.1	87.3

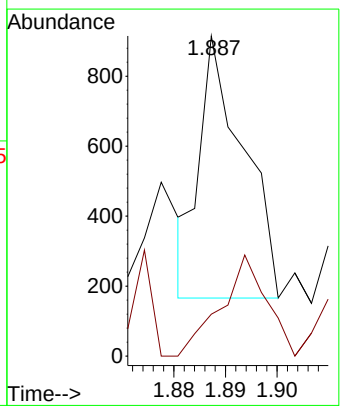


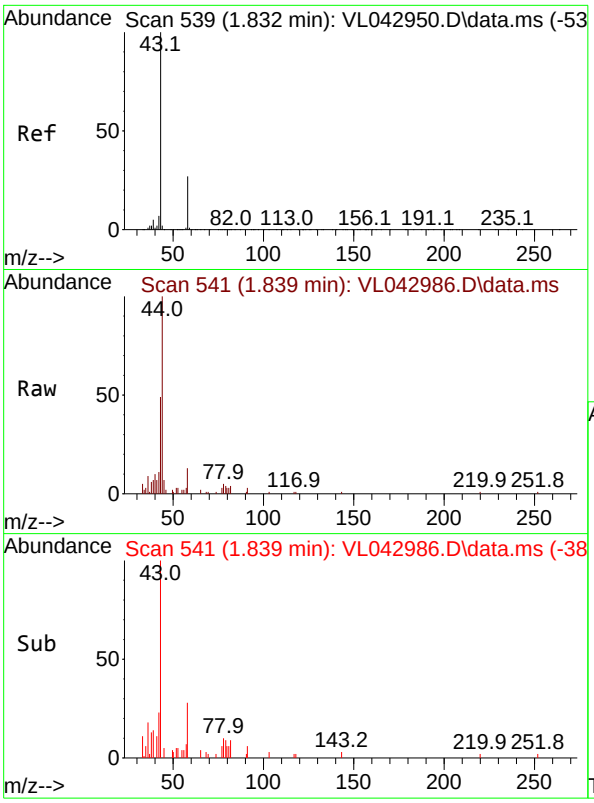


#13
Ethanol
Concen: 0.405 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.168 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion: 45 Resp: 442

Ion	Ratio	Lower	Upper
45	100		
46	68.3	16.2	64.6#



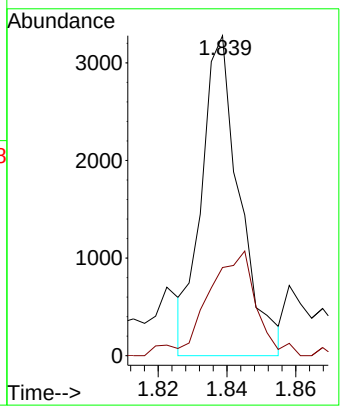


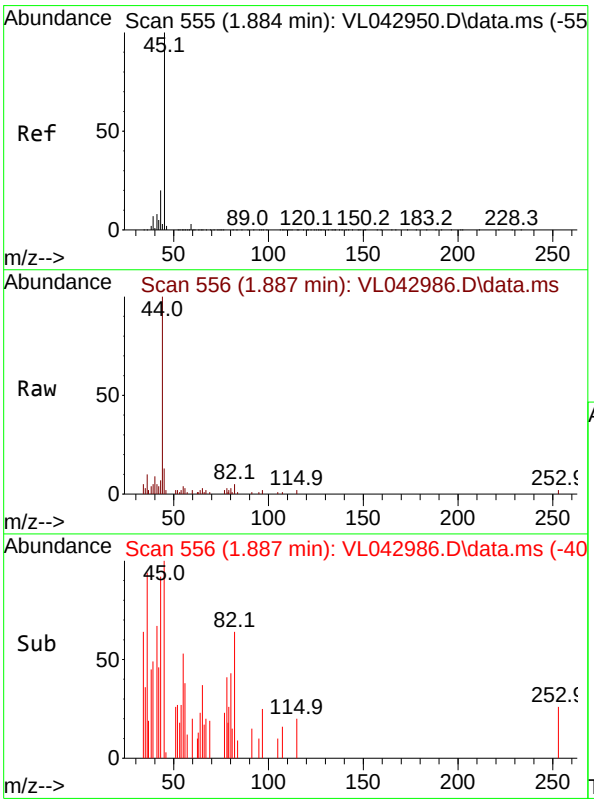
#15
Acetone
Concen: 0.126 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion: 43 Resp: 2529

Ion	Ratio	Lower	Upper
43	100		
58	45.2	22.3	33.5#

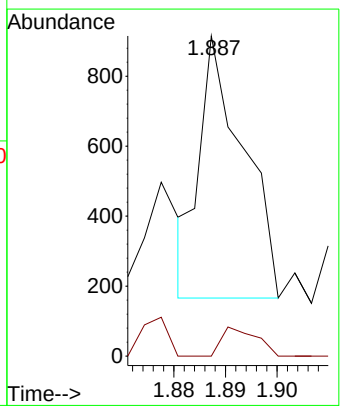


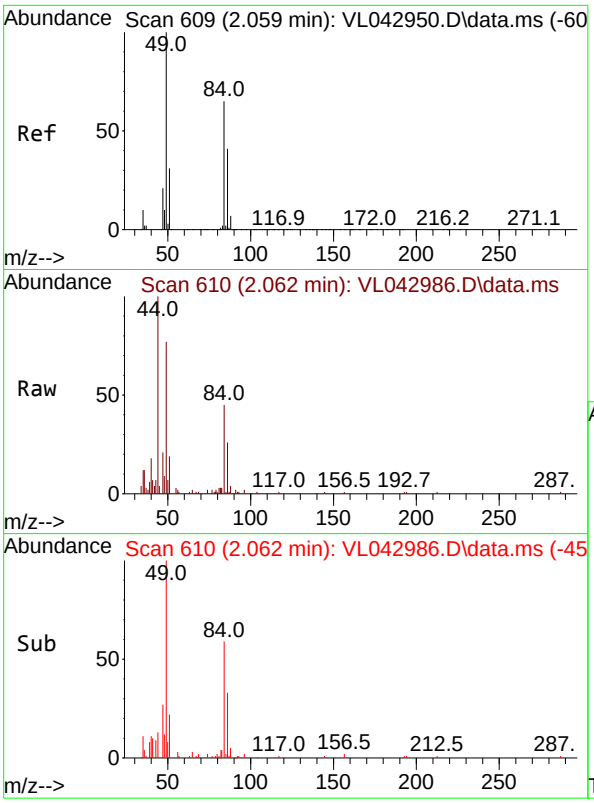


#19
Isopropyl Alcohol
Concen: 0.037 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion: 45 Resp: 442

Ion	Ratio	Lower	Upper
45	100		
58	8.8	31.0	46.6#



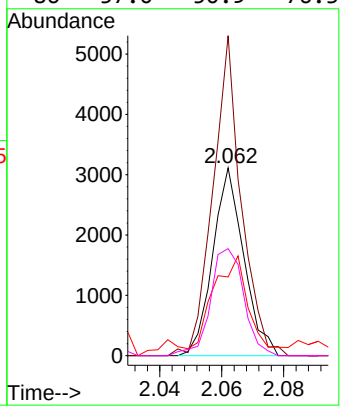


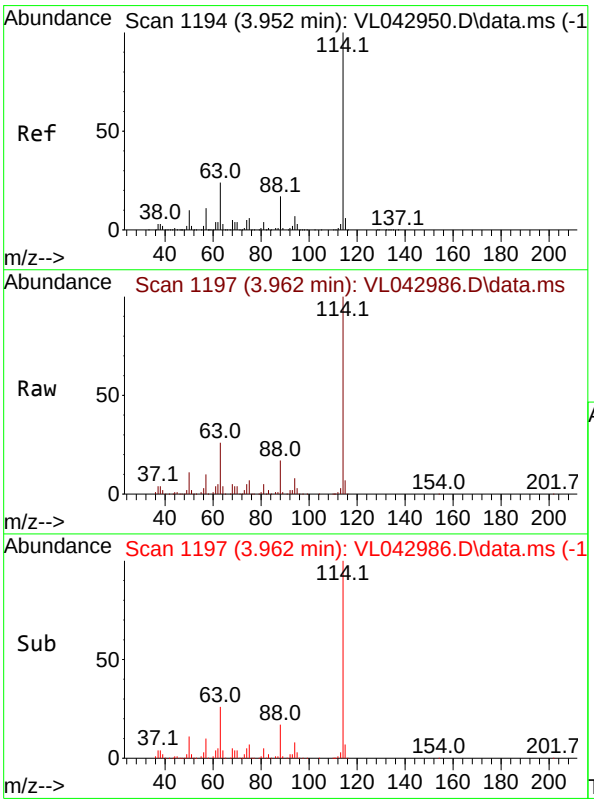
#20
Methylene Chloride
Concen: Below Cal
RT: 2.062 min Scan# 6
Delta R.T. 0.003 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion: 84 Resp: 2168

Ion	Ratio	Lower	Upper
84	100		
49	166.7	124.1	186.1
51	37.4	39.8	59.8#
86	57.0	50.9	76.3

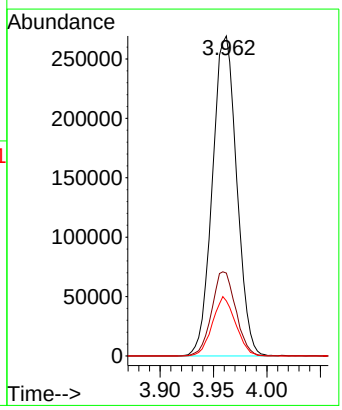


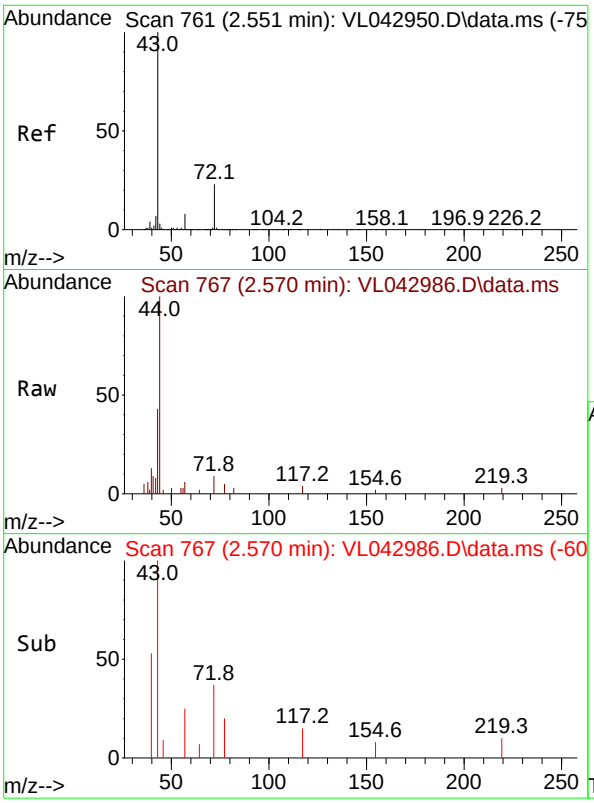


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.010 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion:114 Resp: 426080

Ion	Ratio	Lower	Upper
114	100		
63	26.1	19.4	29.2
88	17.6	14.2	21.2



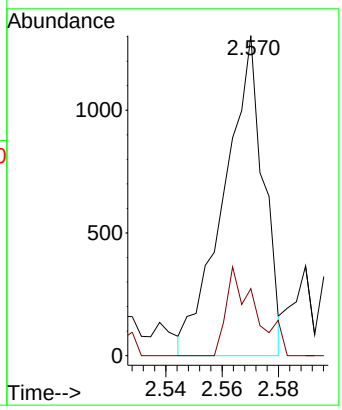


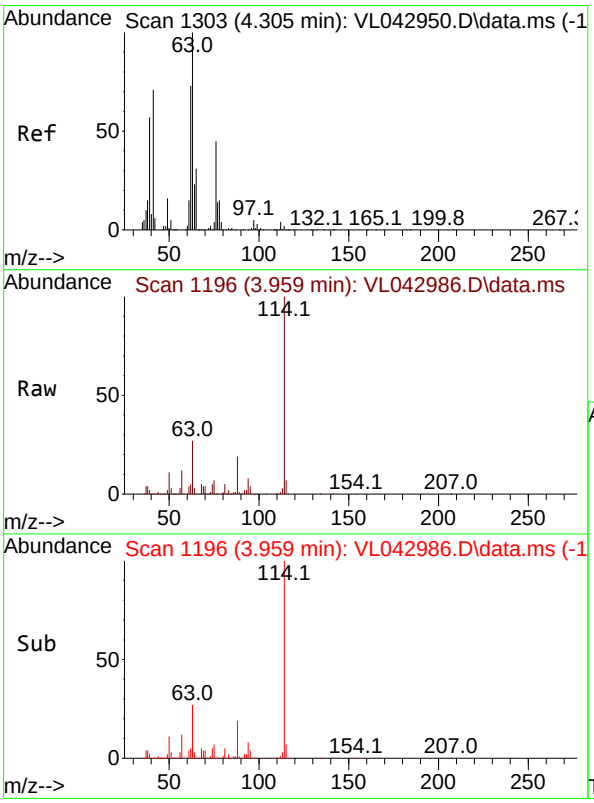
#34
2-Butanone
Concen: 0.042 ppbv
RT: 2.570 min Scan# 7
Delta R.T. 0.019 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion: 43 Resp: 1267

Ion	Ratio	Lower	Upper
43	100		
72	20.5	17.7	26.5

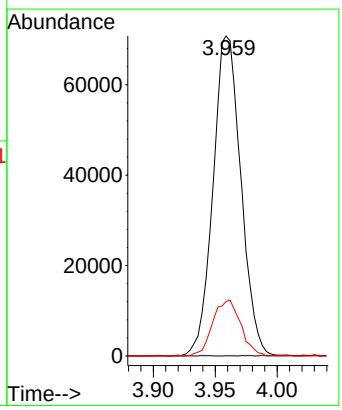


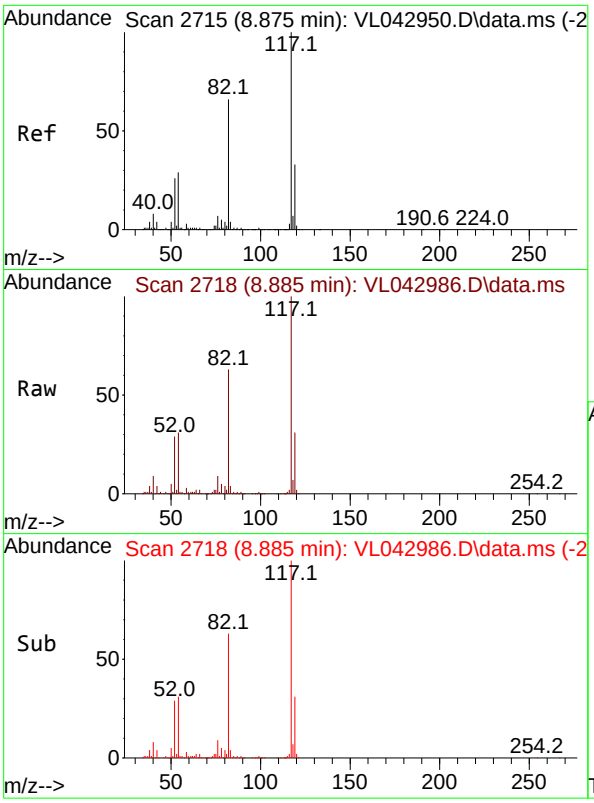


#39
1,2-Dichloropropane
Concen: 7.592 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.346 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion: 63 Resp: 110899

Ion	Ratio	Lower	Upper
63	100		
41	0.1	57.5	86.3#
62	17.1	58.5	87.7#



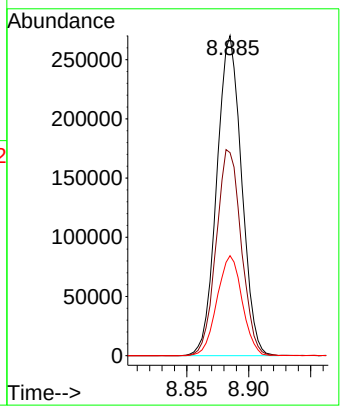


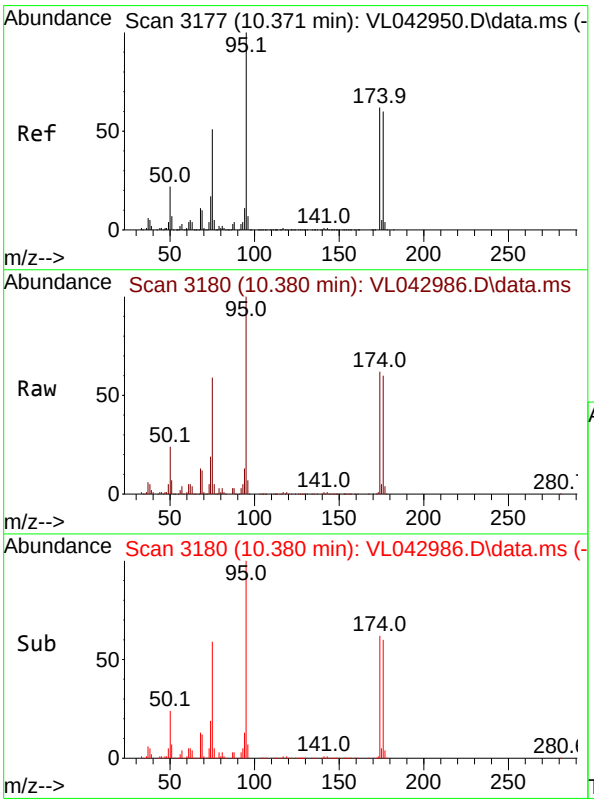
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2
Delta R.T. 0.010 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion:117 Resp: 377171

Ion	Ratio	Lower	Upper
117	100		
82	65.3	52.8	79.2
119	31.8	26.5	39.7

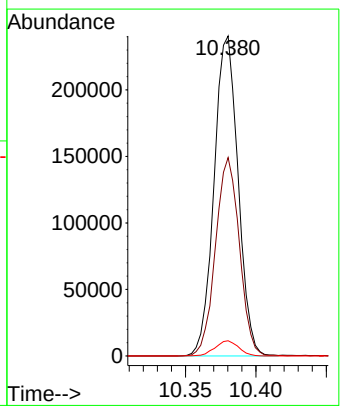


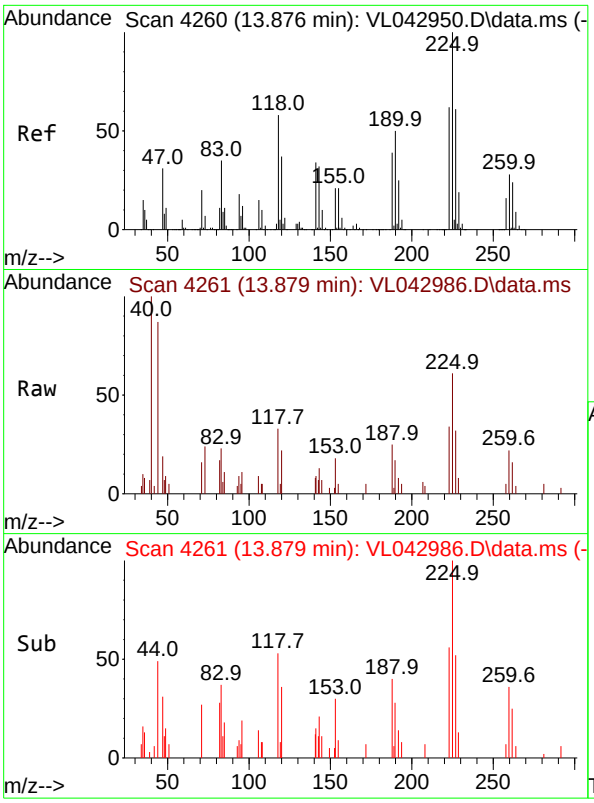


#68
1-Bromo-4-Fluorobenzene
Concen: 10.136 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.010 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion: 95 Resp: 285367

Ion	Ratio	Lower	Upper
95	100		
174	61.8	51.4	77.2
175	4.7	4.0	6.0



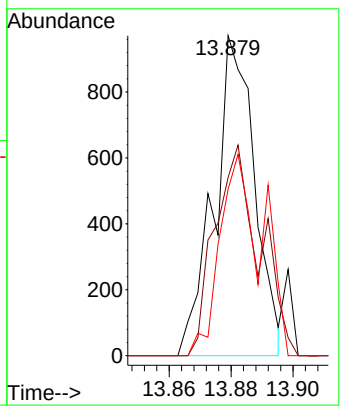


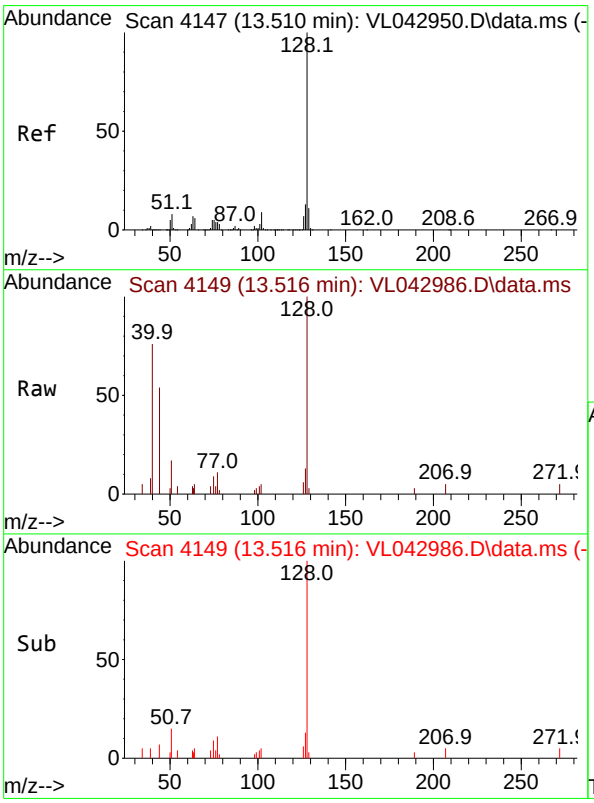
#78
Hexachloro-1,3-Butadiene
Concen: 0.035 ppbv
RT: 13.879 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion:225 Resp: 878

Ion	Ratio	Lower	Upper
225	100		
223	73.0	50.1	75.1
227	68.6	50.4	75.6

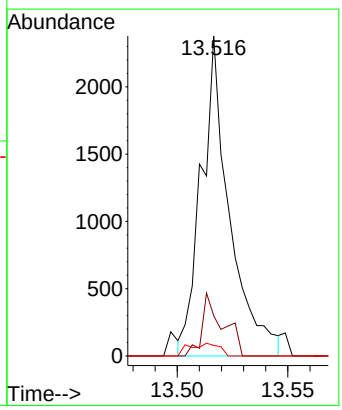


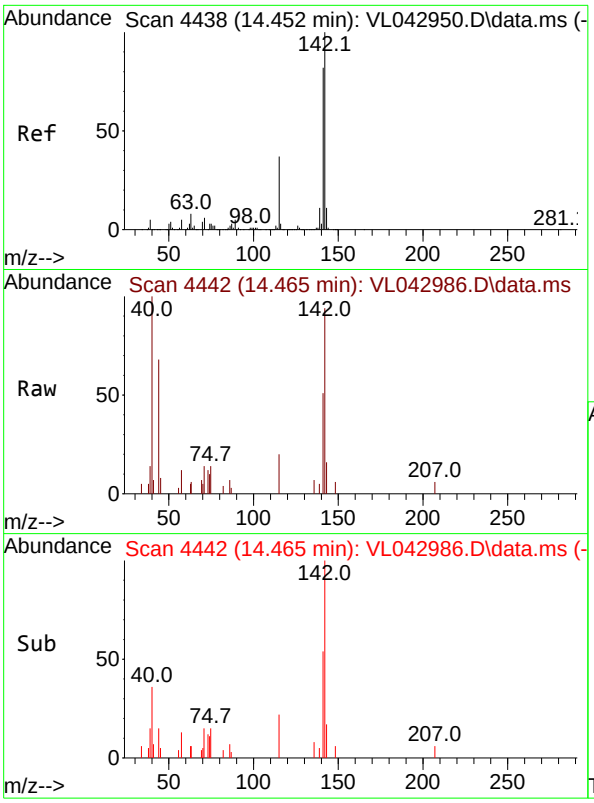


#79
Naphthalene
Concen: 0.044 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. 0.006 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion:128 Resp: 2111

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	3.5	9.0	13.6#



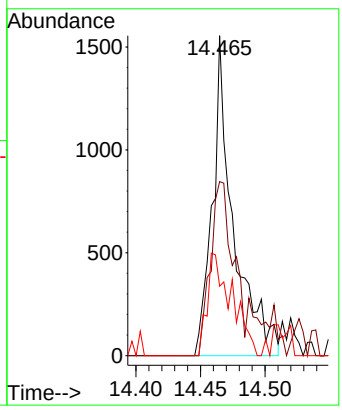


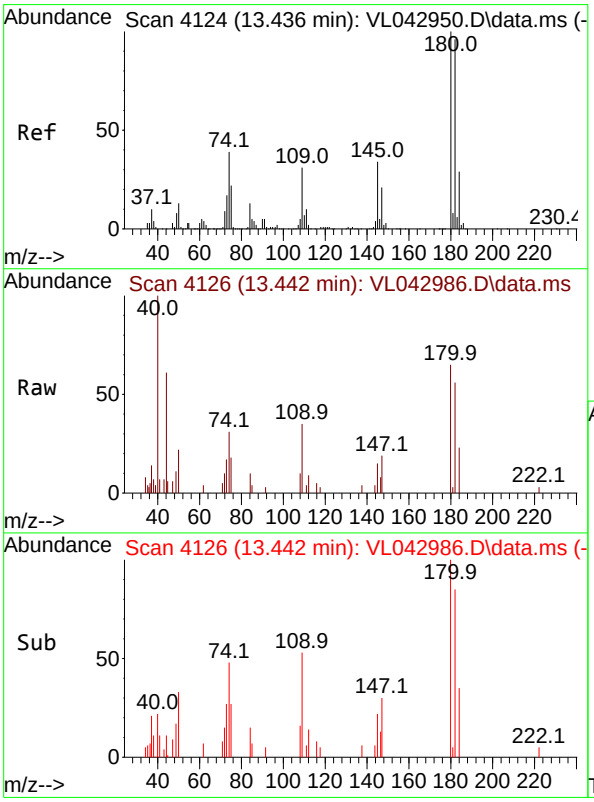
#80
Naphthalene,2-methyl-
Concen: 0.118 ppbv
RT: 14.465 min Scan# 4
Delta R.T. 0.013 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
CAN 10147

Tgt Ion:142 Resp: 1758

Ion	Ratio	Lower	Upper
142	100		
141	76.3	65.1	97.7
115	38.6	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 0.047 ppbv
RT: 13.442 min Scan# 4126
Delta R.T. 0.006 min
Lab File: VL042986.D
Acq: 23 Sep 2025 11:40

Tgt Ion:180 Resp: 1212

Ion	Ratio	Lower	Upper
180	100		
182	83.1	75.7	113.5
184	22.4	23.9	35.9#