Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042988.D
Acq On : 23 Sep 2025 12:50
Operator : SY/MD
Sample : CAN 10684
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Quant Time: Sep 24 02:07:31 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	150626	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	414249	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	367143	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	285271	10.409	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.100%			
Target Compounds						Qvalue
13) Ethanol	1.890	45	452	0.424	ppbv	# 35
15) Acetone	1.839	43	4961	0.253	ppbv	# 86
16) 1,3-Butadiene	1.602	39	587	0.063	ppbv	# 11
19) Isopropyl Alcohol	1.890	45	452	0.038	ppbv	# 61
20) Methylene Chloride	2.062	84	2474	Below Cal		88
34) 2-Butanone	2.570	43	1903	0.066	ppbv	# 80
39) 1,2-Dichloropropane	3.958	63	109622	7.719	ppbv	# 24
80) Naphthalene,2-methyl-	14.465	142	1046	0.072	ppbv	# 75

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

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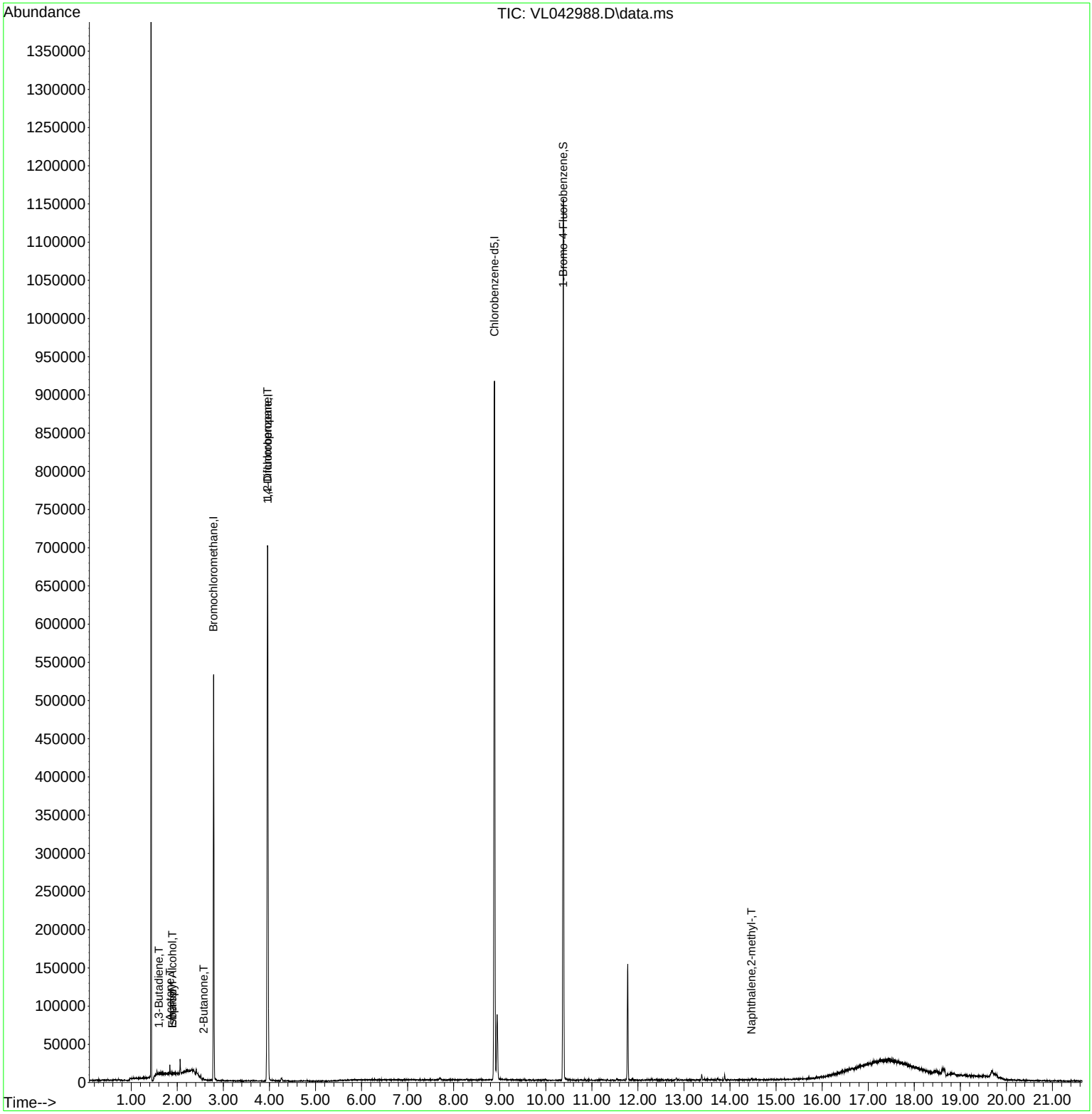
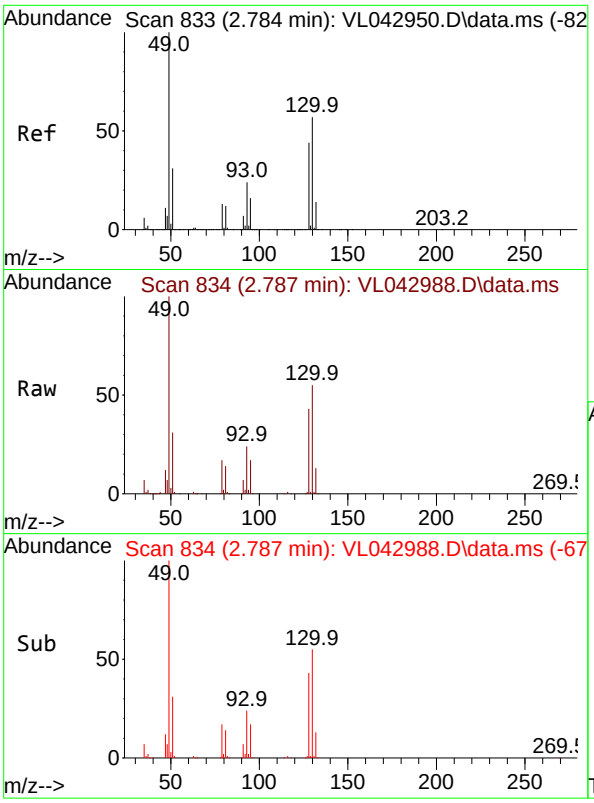


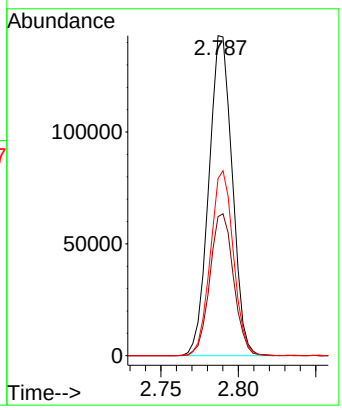


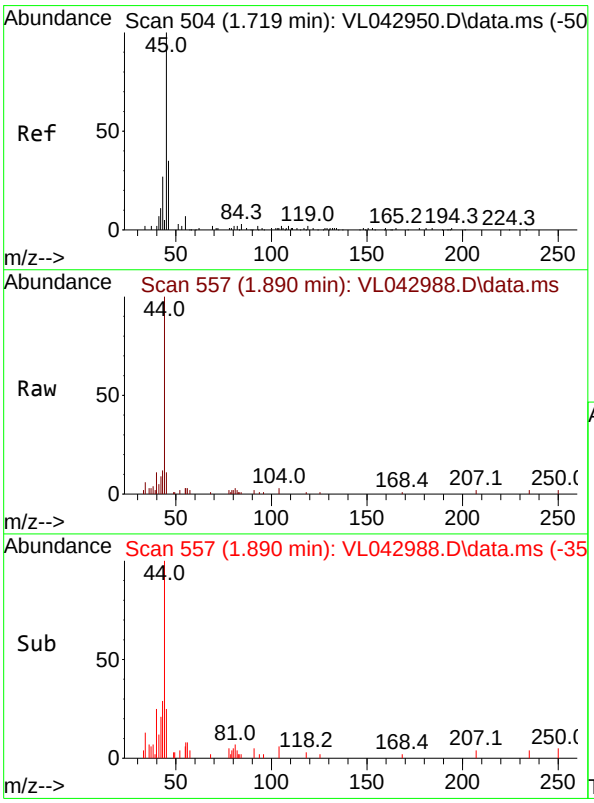
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion: 49 Resp: 150626

Ion	Ratio	Lower	Upper
49	100		
128	44.9	22.9	68.8
130	56.8	29.1	87.3

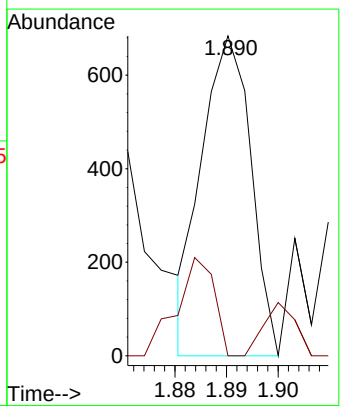


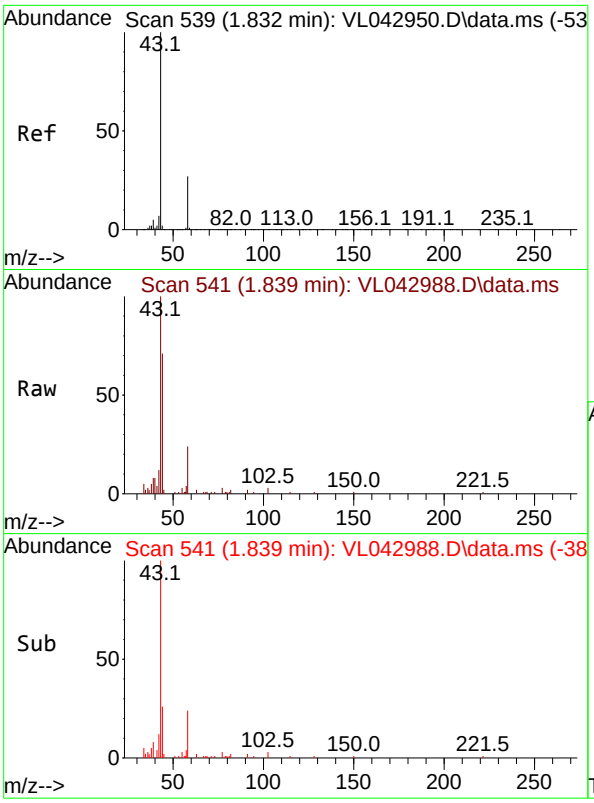


#13
Ethanol
Concen: 0.424 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.171 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion: 45 Resp: 452

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.6#



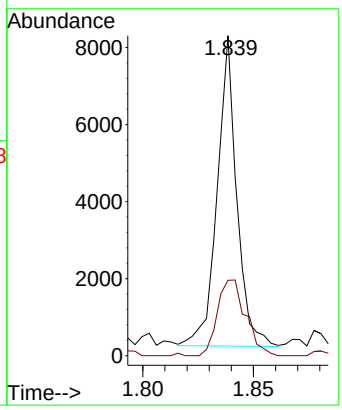


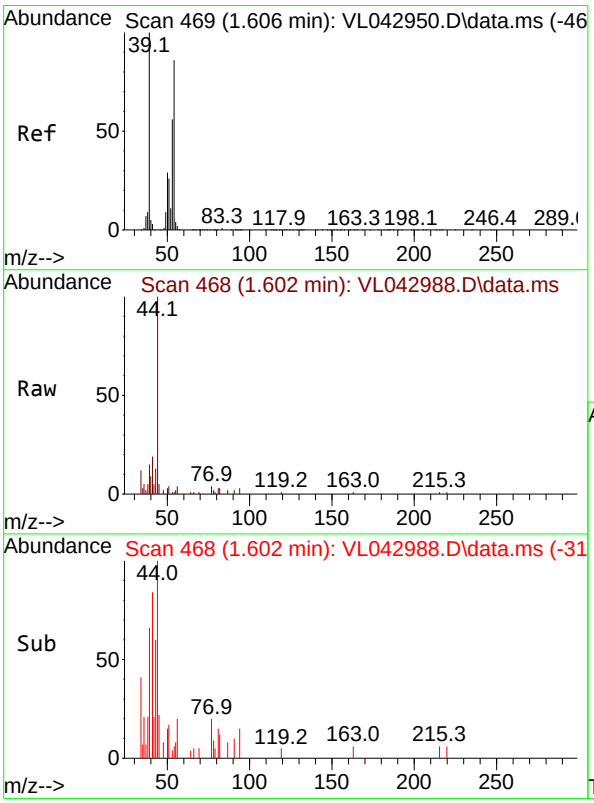
#15
Acetone
Concen: 0.253 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion: 43 Resp: 4961

Ion	Ratio	Lower	Upper
43	100		
58	35.5	22.3	33.5#

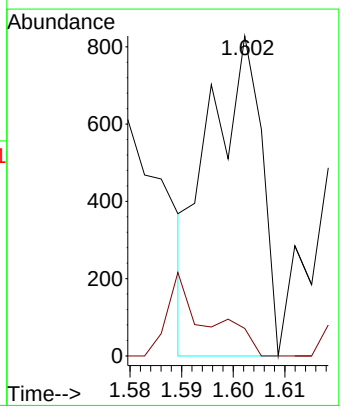


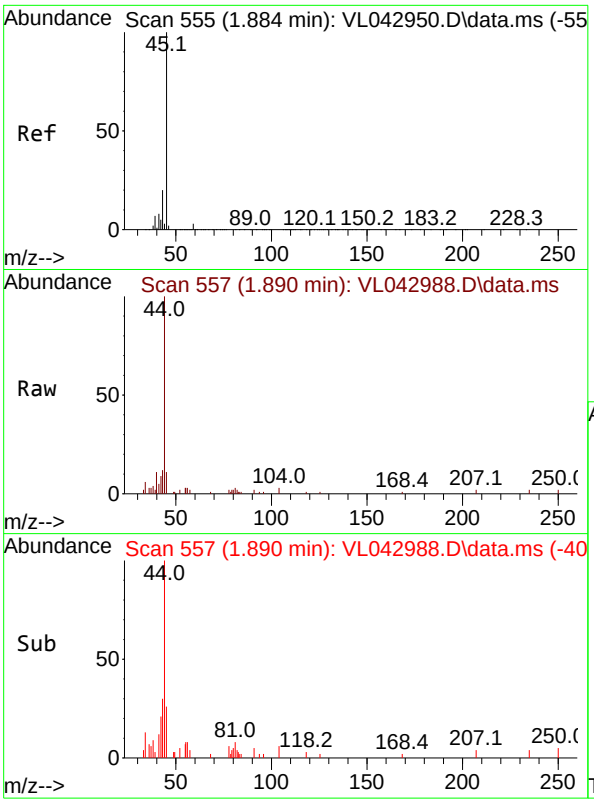


#16
1,3-Butadiene
Concen: 0.063 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.003 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion: 39 Resp: 587

Ion	Ratio	Lower	Upper
39	100		
54	0.0	60.8	91.2#



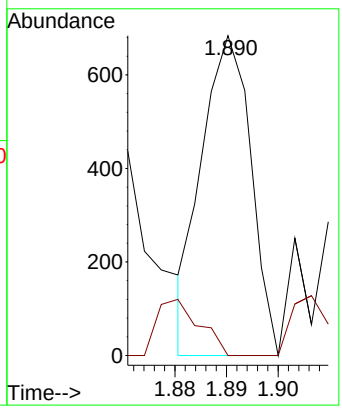


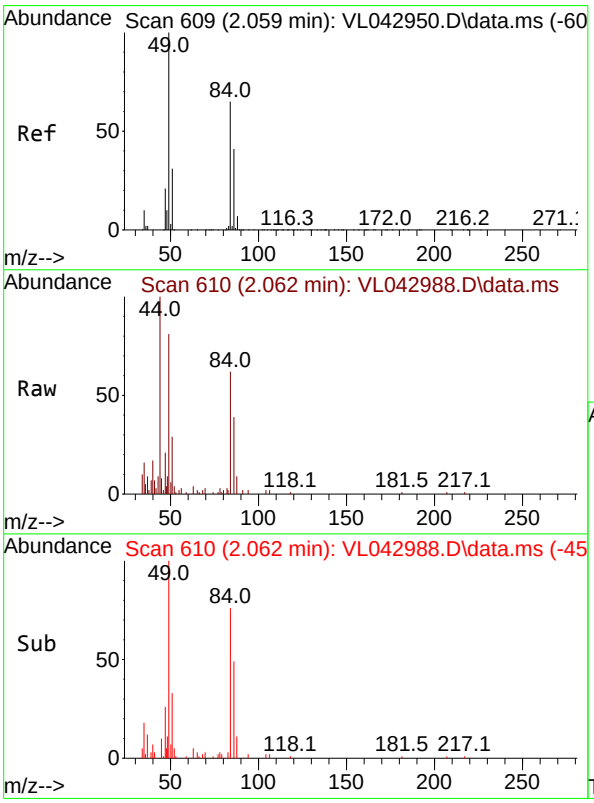
#19
Isopropyl Alcohol
Concen: 0.038 ppbv
RT: 1.890 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion: 45 Resp: 452

Ion	Ratio	Lower	Upper
45	100		
58	15.0	31.0	46.6#

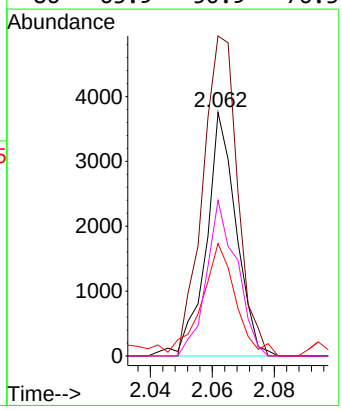


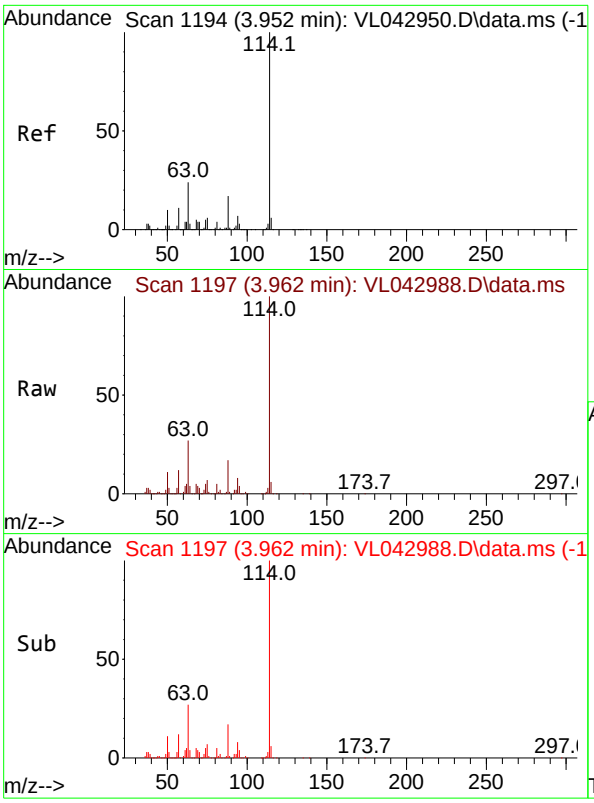


#20
Methylene Chloride
Concen: Below Cal
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion: 84 Resp: 2474

Ion	Ratio	Lower	Upper
84	100		
49	131.4	124.1	186.1
51	46.2	39.8	59.8
86	63.9	50.9	76.3



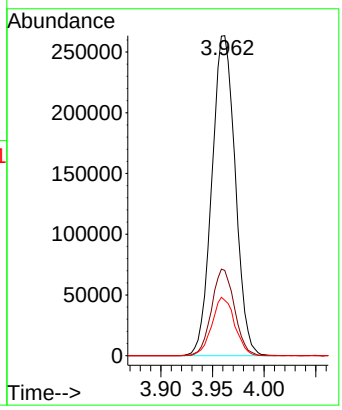


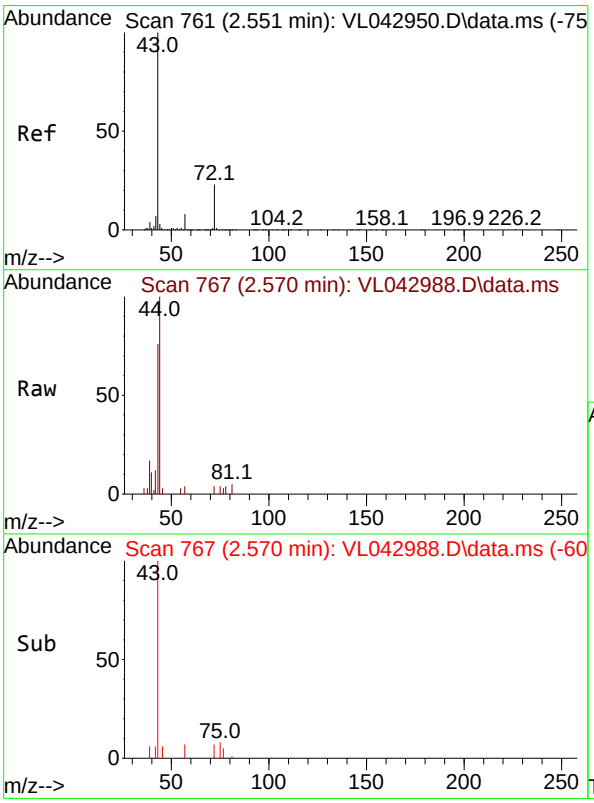
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1
Delta R.T. 0.009 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion:114 Resp: 414249

Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.4	29.2
88	17.8	14.2	21.2

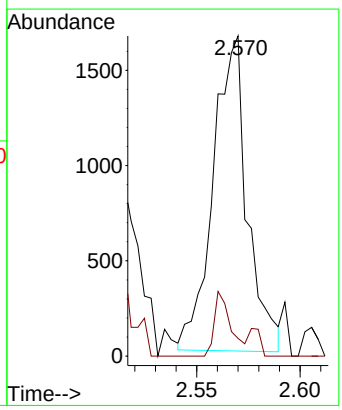


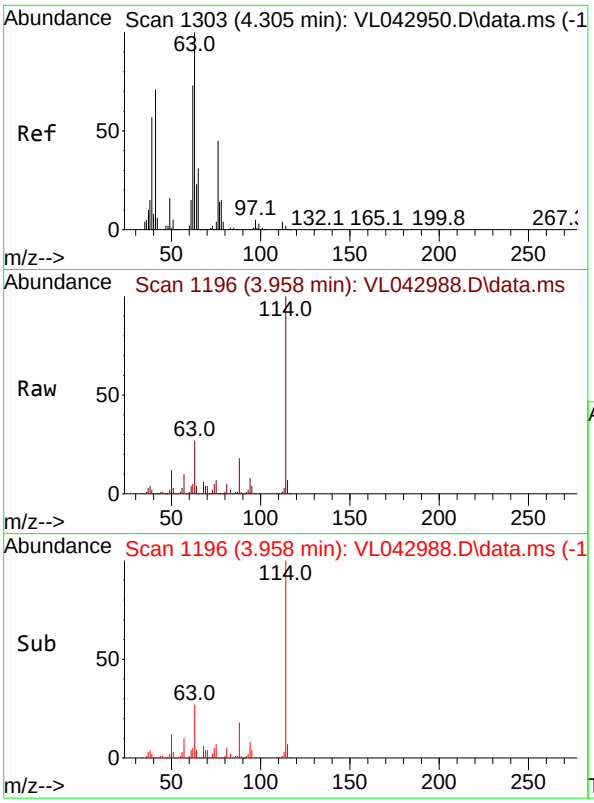


#34
2-Butanone
Concen: 0.066 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.019 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion: 43 Resp: 1903

Ion	Ratio	Lower	Upper
43	100		
72	12.8	17.7	26.5#



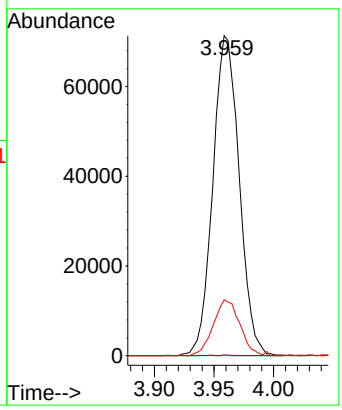


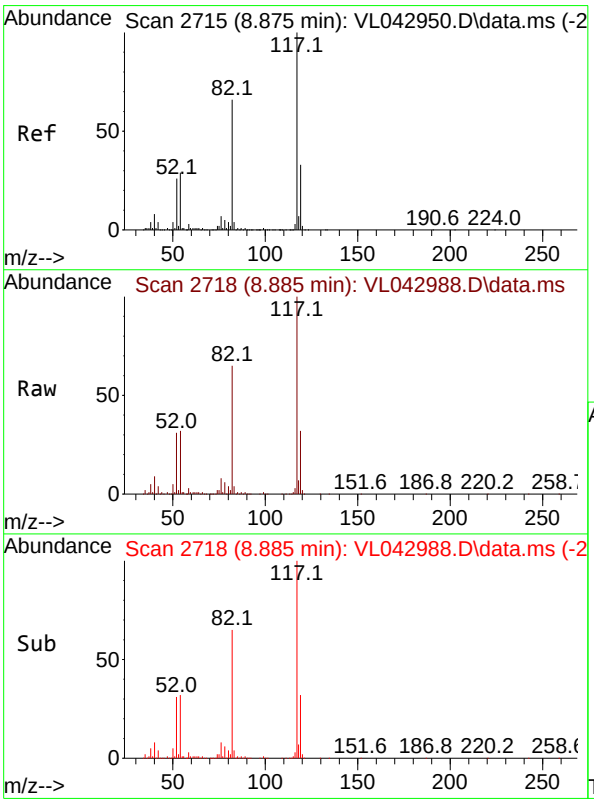
#39
1,2-Dichloropropane
Concen: 7.719 ppbv
RT: 3.958 min Scan# 1
Delta R.T. -0.347 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion: 63 Resp: 109622

Ion	Ratio	Lower	Upper
63	100		
41	0.3	57.5	86.3#
62	17.3	58.5	87.7#

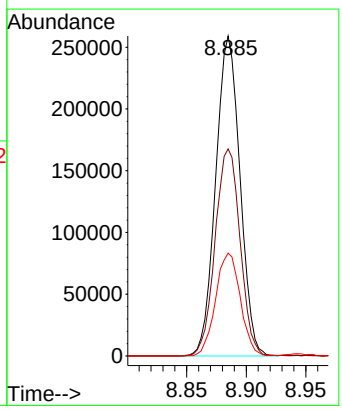


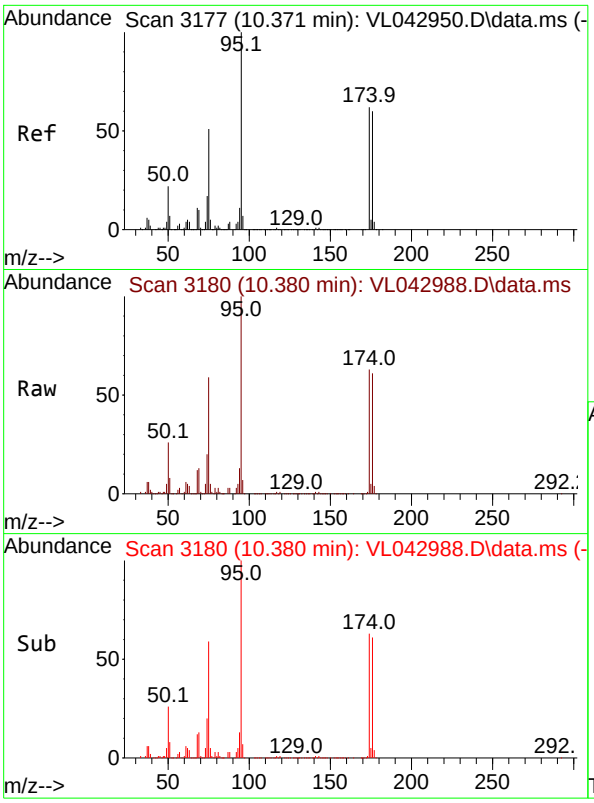


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.009 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion:117 Resp: 367143

Ion	Ratio	Lower	Upper
117	100		
82	66.7	52.8	79.2
119	32.8	26.5	39.7



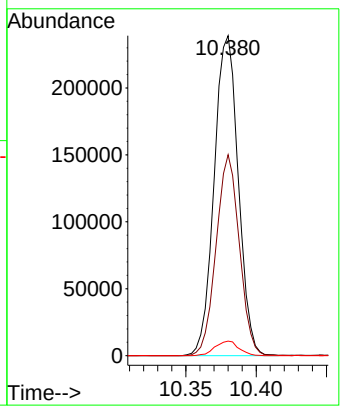


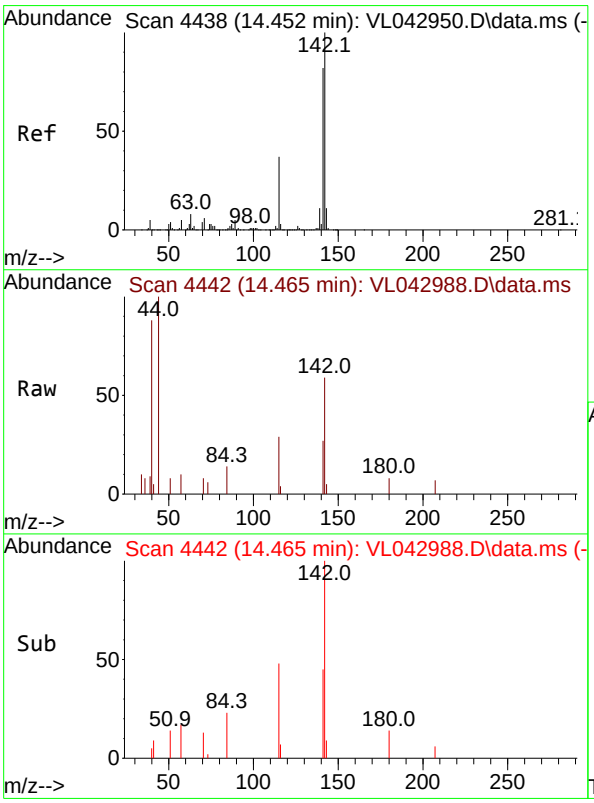
#68
1-Bromo-4-Fluorobenzene
Concen: 10.409 ppbv
RT: 10.380 min Scan# 3
Delta R.T. 0.009 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10684

Tgt Ion: 95 Resp: 285271

Ion	Ratio	Lower	Upper
95	100		
174	60.4	51.4	77.2
175	4.5	4.0	6.0





#80
Naphthalene,2-methyl-
Concen: 0.072 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.013 min
Lab File: VL042988.D
Acq: 23 Sep 2025 12:50

Tgt Ion:142 Resp: 1046

Ion	Ratio	Lower	Upper
142	100		
141	62.3	65.1	97.7#
115	55.3	28.9	43.3#