Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042992.D
Acq On : 23 Sep 2025 15:13
Operator : SY/MD
Sample : CAN 10668
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Quant Time: Sep 24 02:08:55 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	2.790	49	151280	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	401722	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	356384	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	274066	10.302	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.000%			
Target Compounds						Qvalue
13) Ethanol	1.728	45	325	0.304	ppbv	# 35
15) Acetone	1.839	43	2919	0.148	ppbv	# 79
16) 1,3-Butadiene	1.602	39	311	0.033	ppbv	# 62
19) Isopropyl Alcohol	1.890	45	378	0.032	ppbv	# 1
20) Methylene Chloride	2.065	84	2051	Below Cal		94
39) 1,2-Dichloropropane	3.962	63	106014	7.698	ppbv	# 24
80) Naphthalene,2-methyl-	14.465	142	800	0.057	ppbv	94

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

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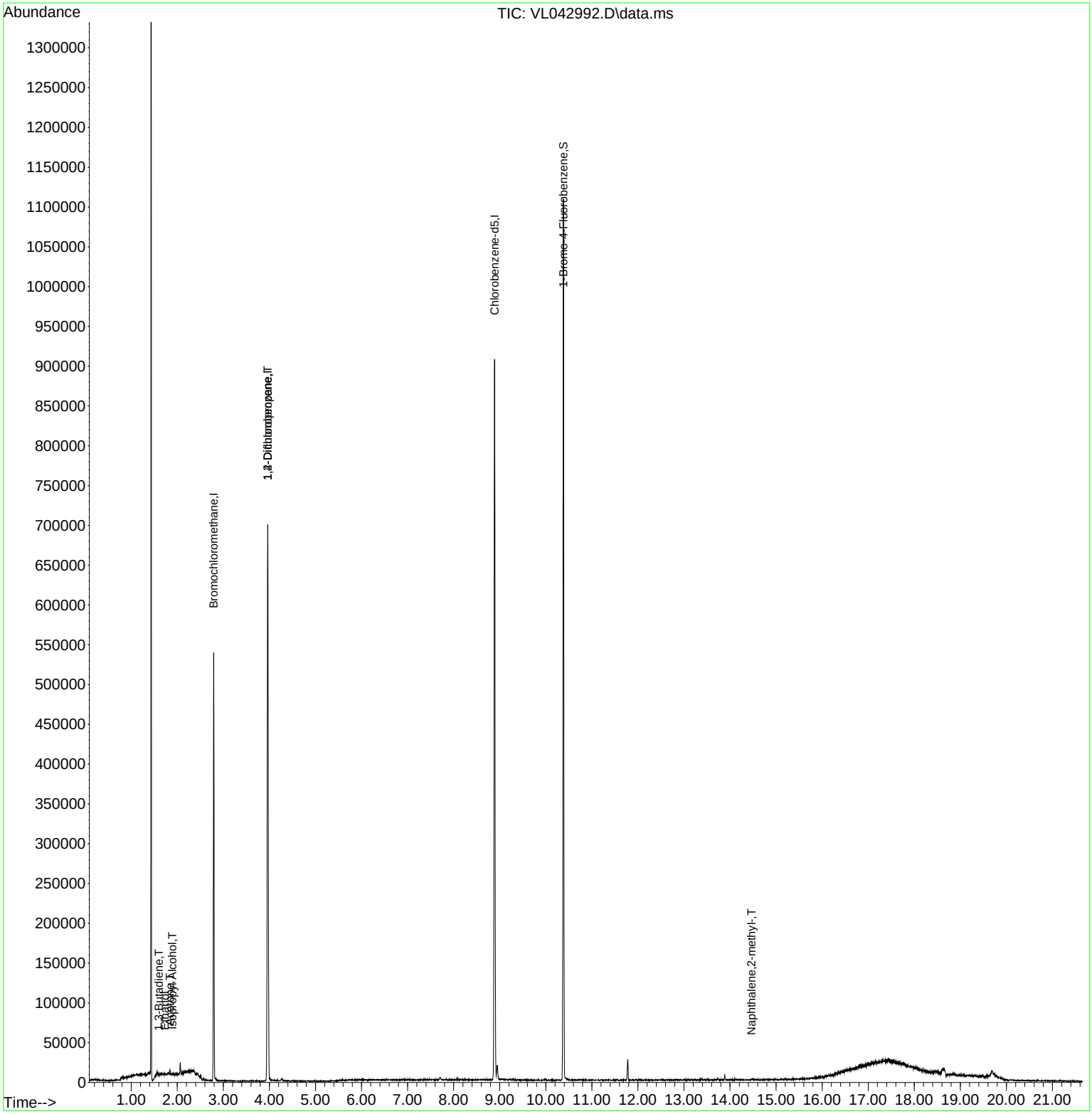
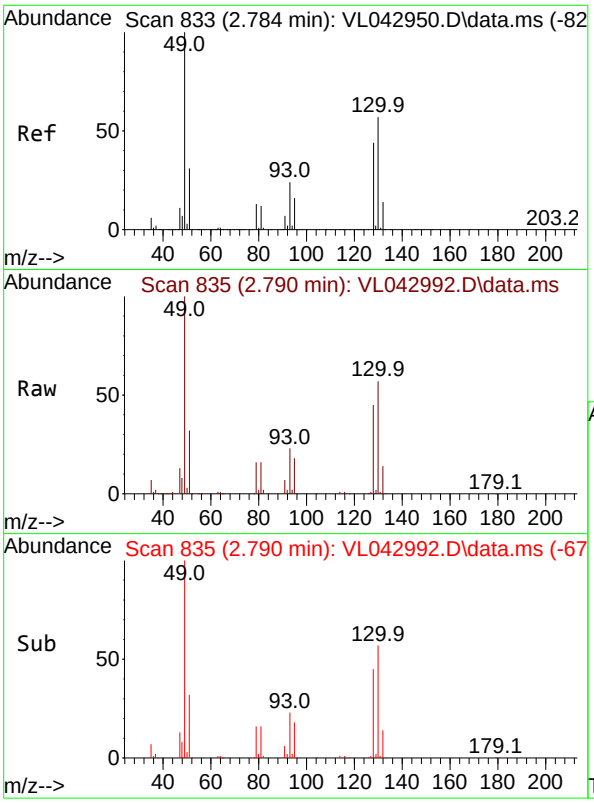


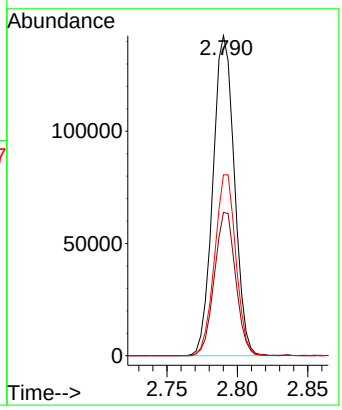


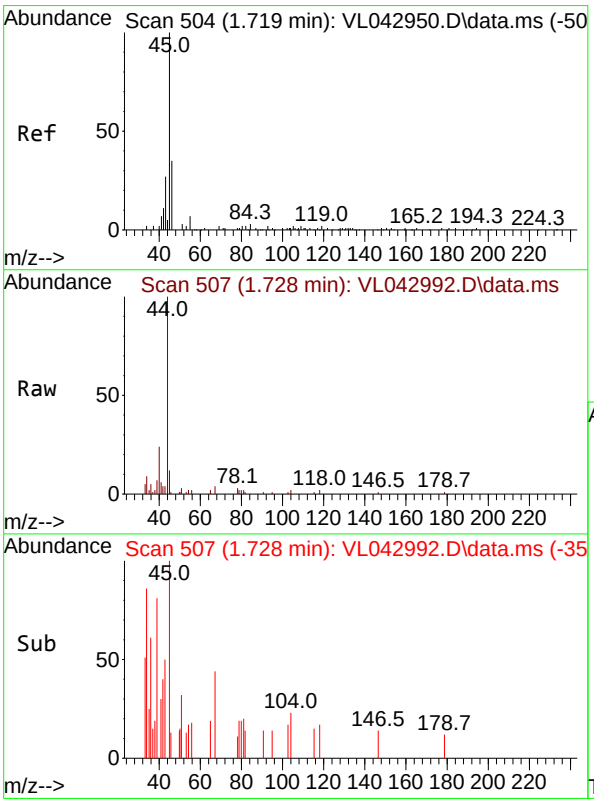
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Tgt Ion: 49 Resp: 151280

Ion	Ratio	Lower	Upper
49	100		
128	44.4	22.9	68.8
130	56.2	29.1	87.3

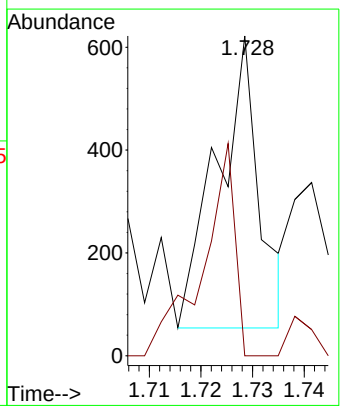


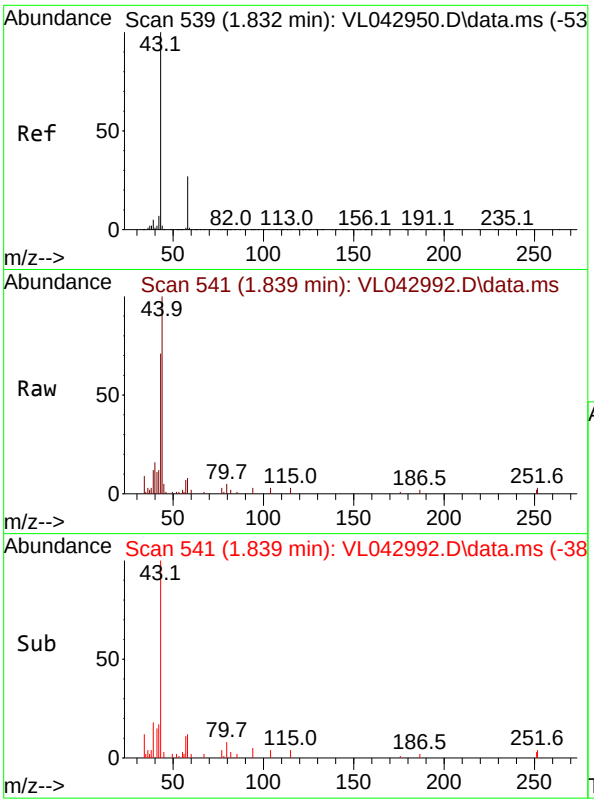


#13
Ethanol
Concen: 0.304 ppbv
RT: 1.728 min Scan# 507
Delta R.T. 0.010 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Tgt Ion: 45 Resp: 325

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.6#



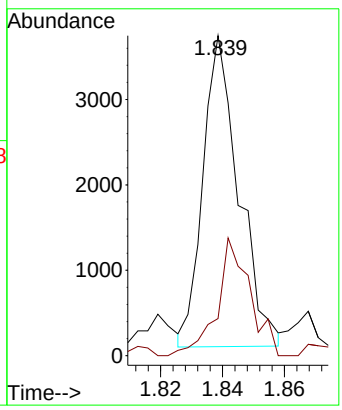


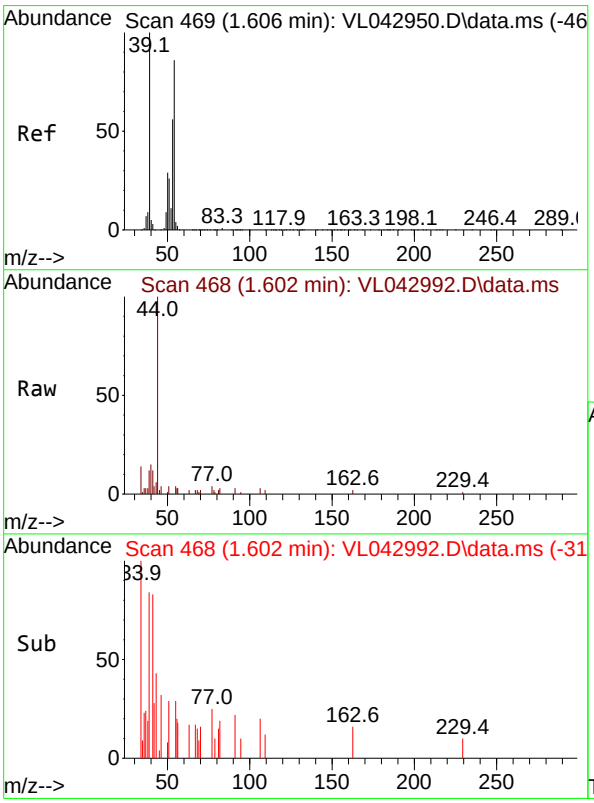
#15
Acetone
Concen: 0.148 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Tgt Ion: 43 Resp: 2919

Ion	Ratio	Lower	Upper
43	100		
58	39.0	22.3	33.5#

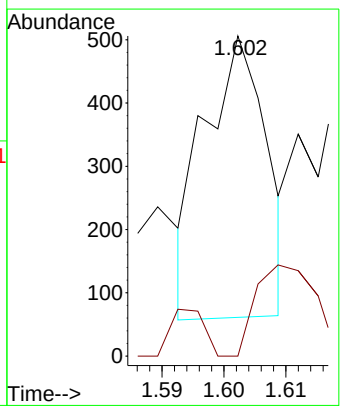


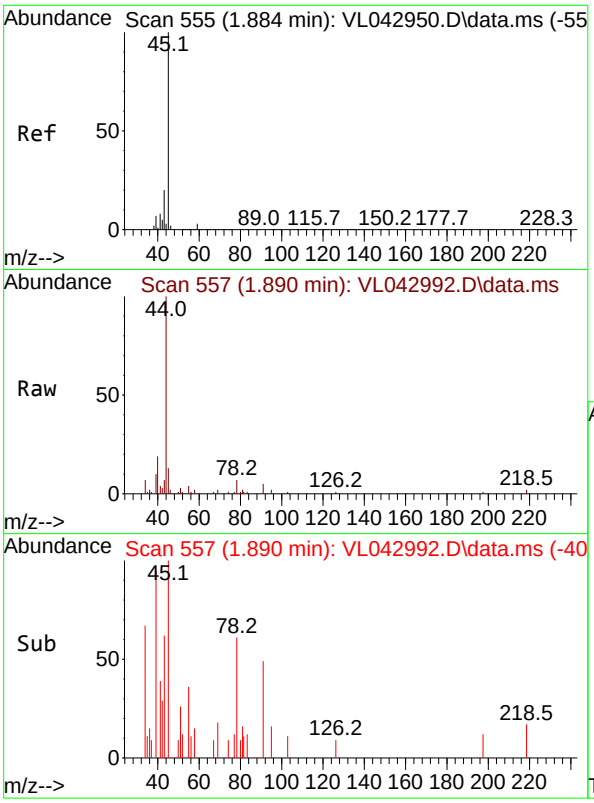


#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.003 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Tgt Ion: 39 Resp: 311

Ion	Ratio	Lower	Upper
39	100		
54	43.1	60.8	91.2#



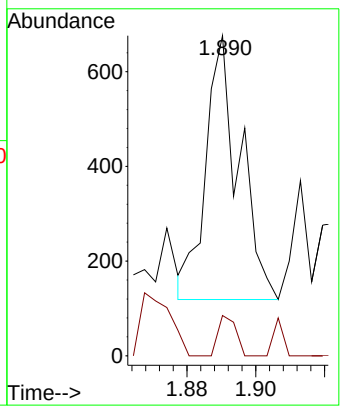


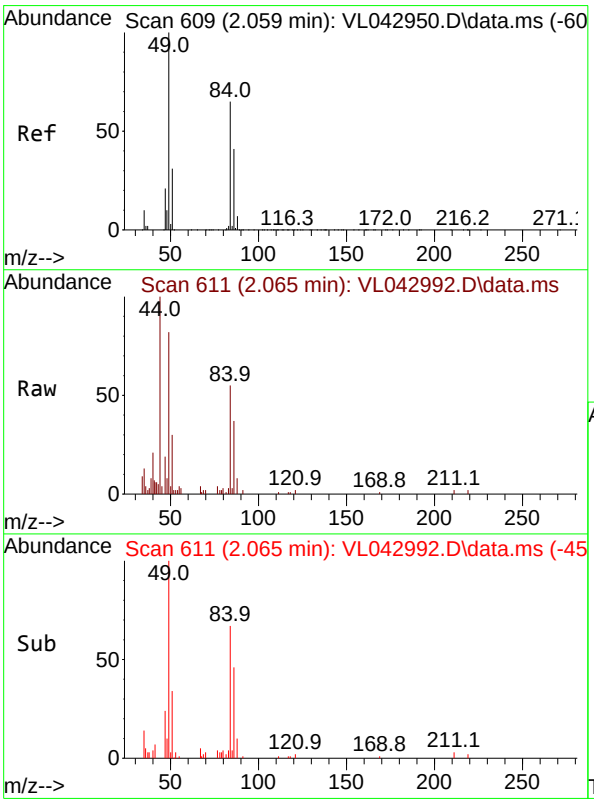
#19
Isopropyl Alcohol
Concen: 0.032 ppbv
RT: 1.890 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Tgt Ion: 45 Resp: 378

Ion	Ratio	Lower	Upper
45	100		
58	313.2	31.0	46.6#

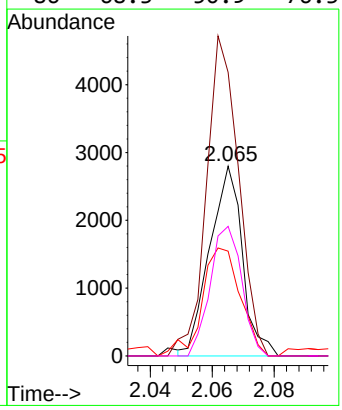


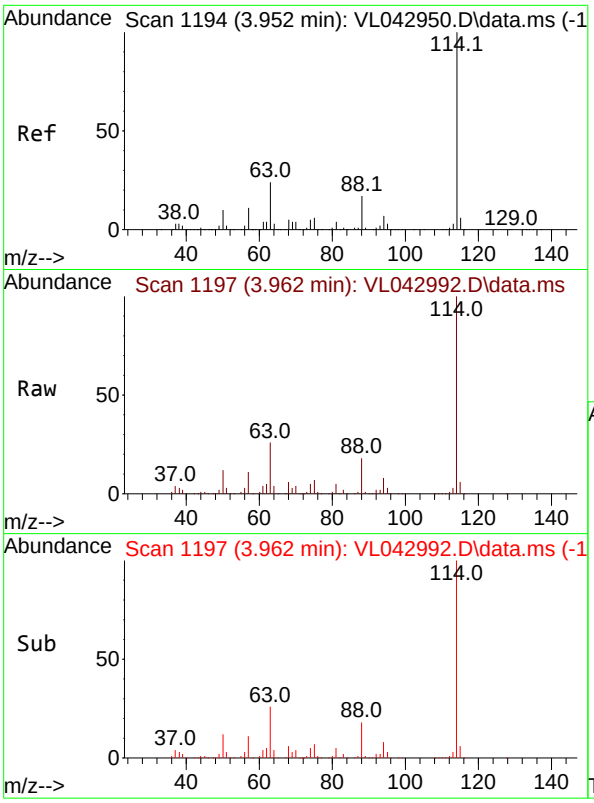


#20
Methylene Chloride
Concen: Below Cal
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Tgt Ion: 84 Resp: 2051

Ion	Ratio	Lower	Upper
84	100		
49	149.5	124.1	186.1
51	58.0	39.8	59.8
86	68.3	50.9	76.3



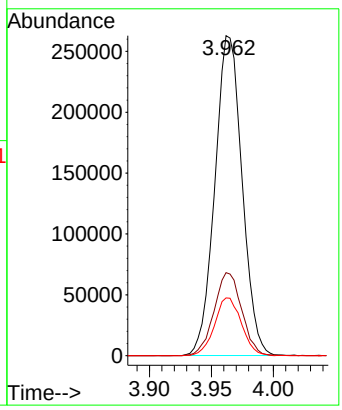


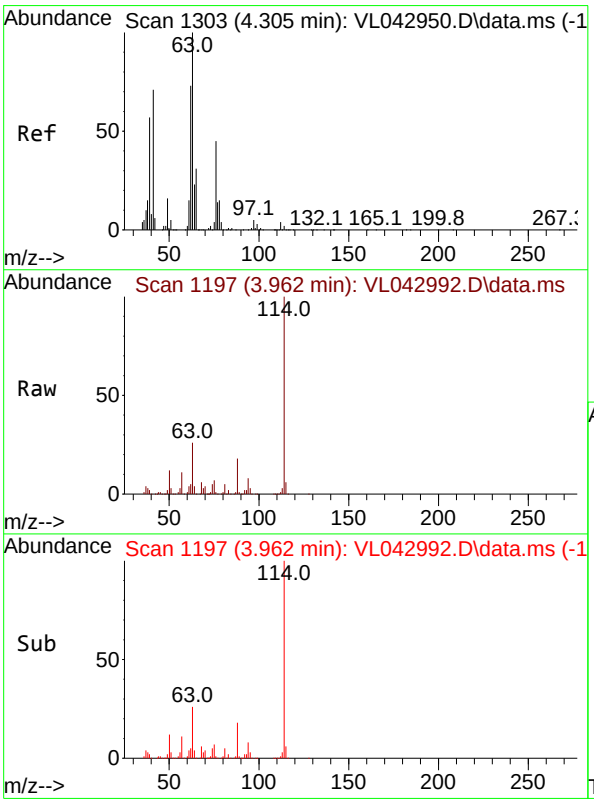
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Tgt Ion:114 Resp: 401722

Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.4	29.2
88	17.9	14.2	21.2

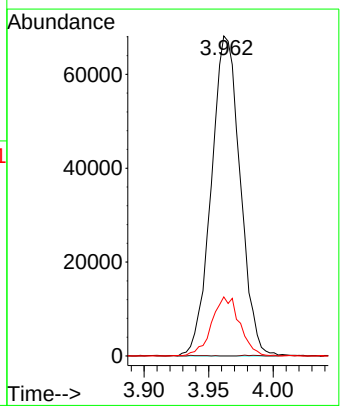


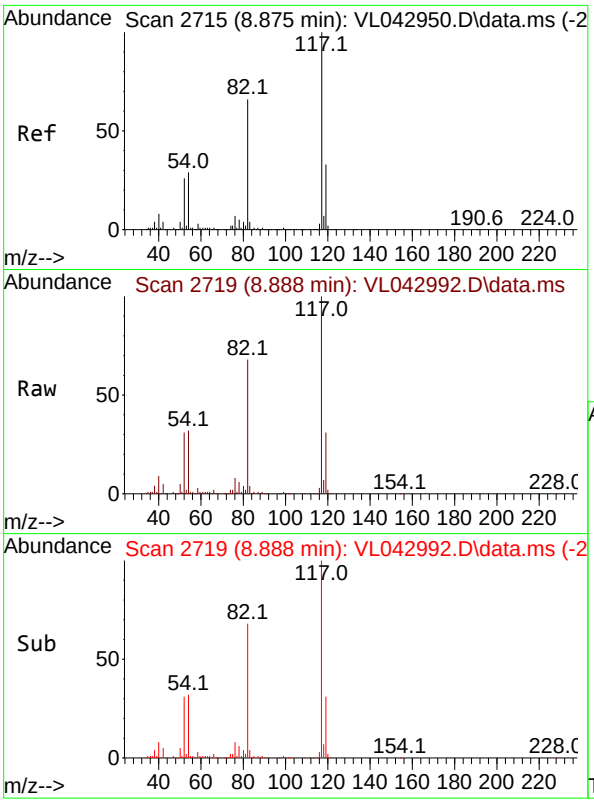


#39
1,2-Dichloropropane
Concen: 7.698 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.343 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Tgt Ion: 63 Resp: 106014

Ion	Ratio	Lower	Upper
63	100		
41	0.0	57.5	86.3#
62	18.4	58.5	87.7#



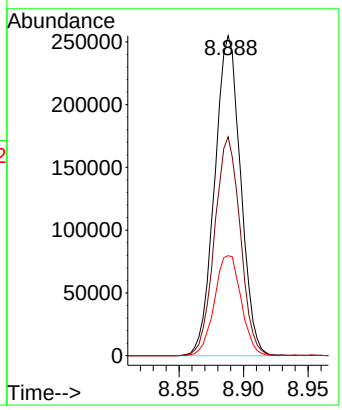


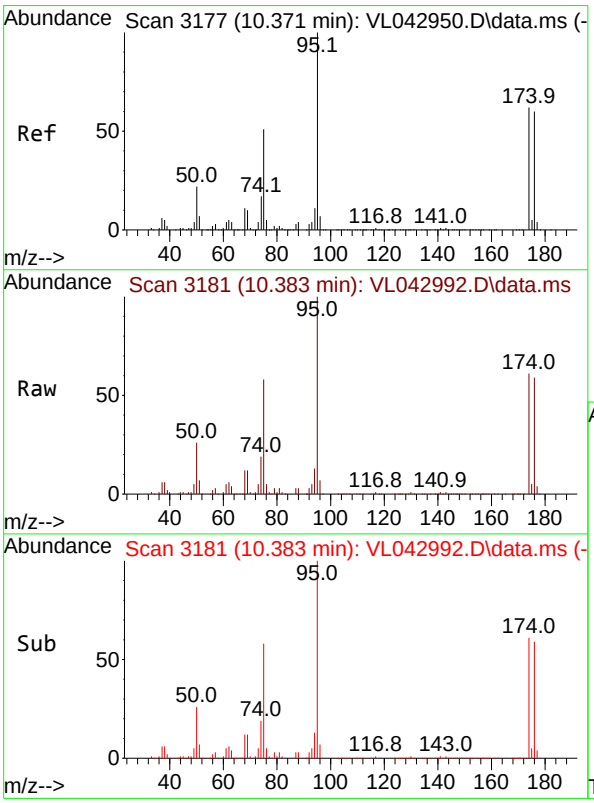
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Tgt Ion:117 Resp: 356384

Ion	Ratio	Lower	Upper
117	100		
82	67.8	52.8	79.2
119	32.2	26.5	39.7

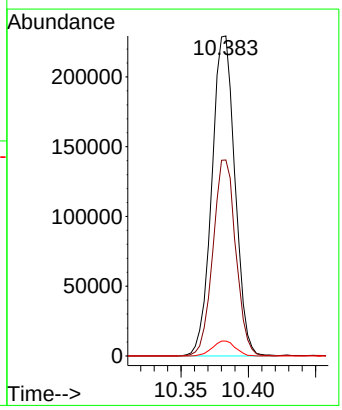


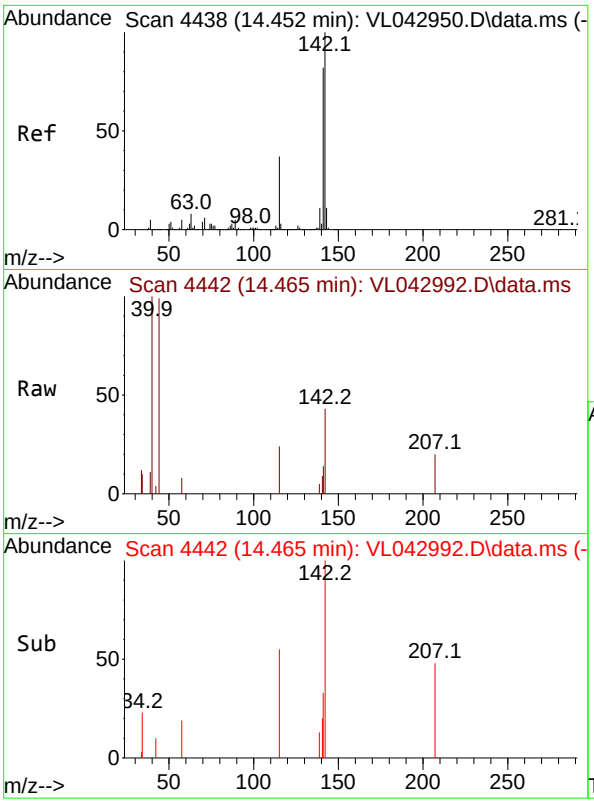


#68
1-Bromo-4-Fluorobenzene
Concen: 10.302 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.013 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Tgt Ion: 95 Resp: 274066

Ion	Ratio	Lower	Upper
95	100		
174	60.3	51.4	77.2
175	4.6	4.0	6.0





#80
Naphthalene,2-methyl-
Concen: 0.057 ppbv
RT: 14.465 min Scan# 4
Delta R.T. 0.013 min
Lab File: VL042992.D
Acq: 23 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
CAN 10668

Tgt Ion:142 Resp: 800

Ion	Ratio	Lower	Upper
142	100		
141	74.4	65.1	97.7
115	37.5	28.9	43.3