Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
Data File : VL042659.D
Acq On : 19 Jun 2025 17:26
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jun 20 01:40:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.800	49	107257	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	276044	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.901	117	239558	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	182169	10.144	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.400%			
Target Compounds						Qvalue
6) Bromomethane	1.687	94	80	0.031	ppbv #	5
9) Propene	1.434	41	250	0.034	ppbv	91
13) Ethanol	1.897	45	489	0.561	ppbv #	39
15) Acetone	1.842	43	2233	0.173	ppbv	94
16) 1,3-Butadiene	1.602	39	430	0.070	ppbv #	27
17) tert-Butyl alcohol	2.056	59	538	0.040	ppbv #	87
19) Isopropyl Alcohol	1.897	45	489	0.063	ppbv #	1
20) Methylene Chloride	2.072	84	1132	0.266	ppbv #	83
39) 1,2-Dichloropropane	3.975	63	70663	7.029	ppbv #	22

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

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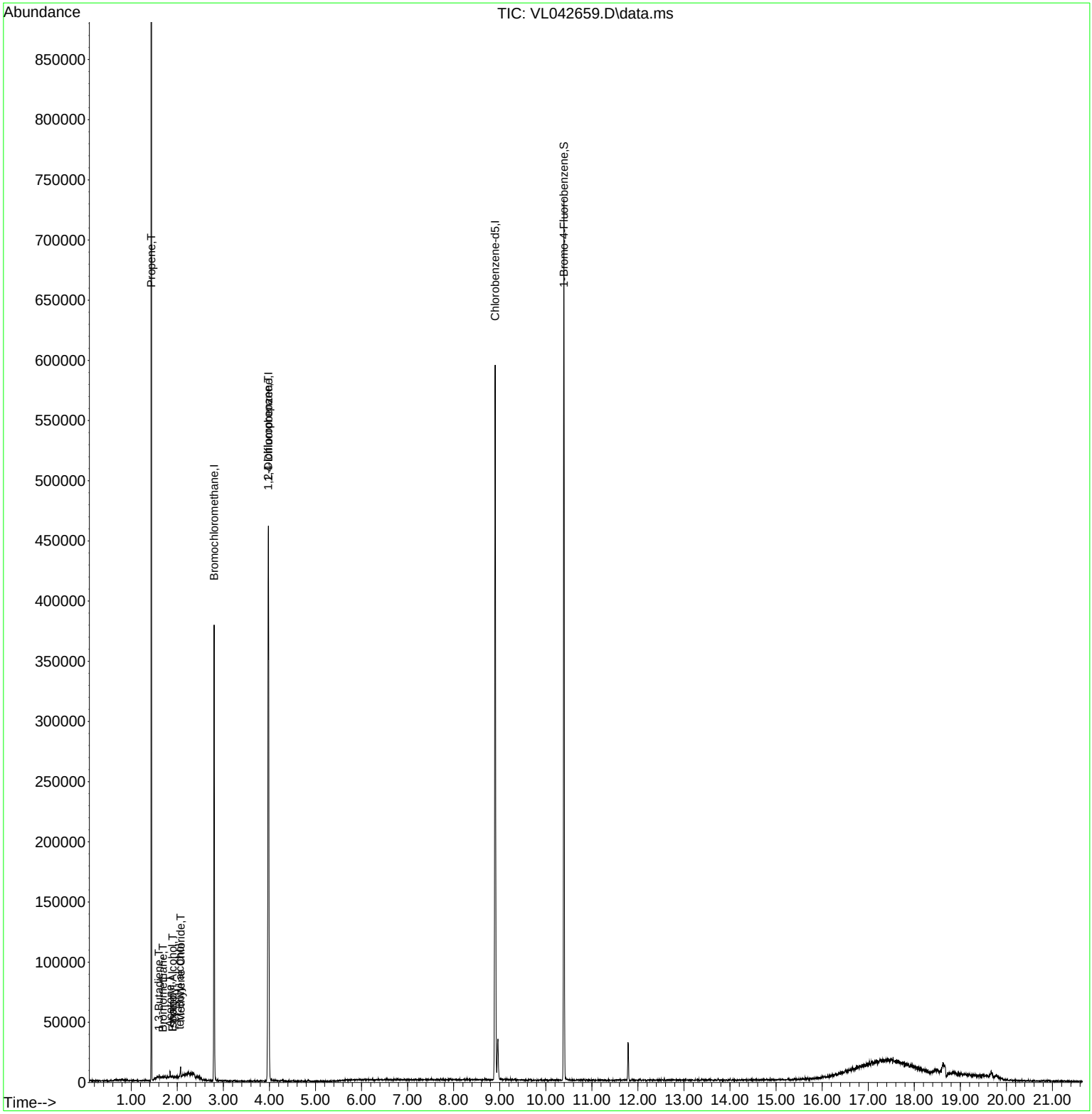
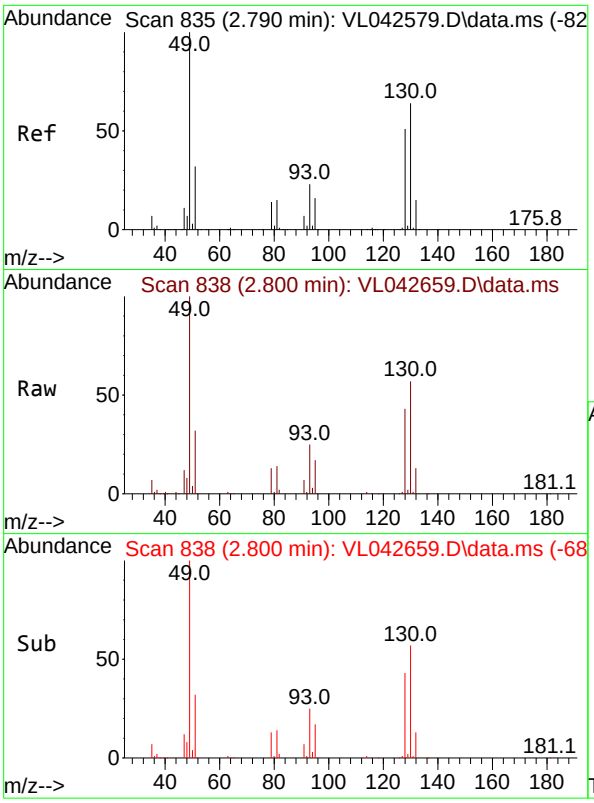


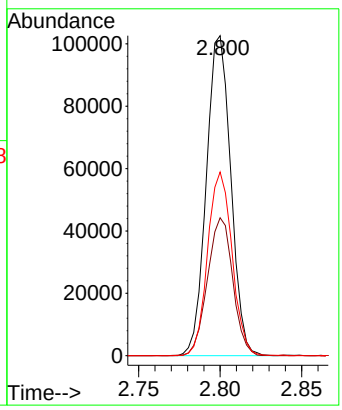


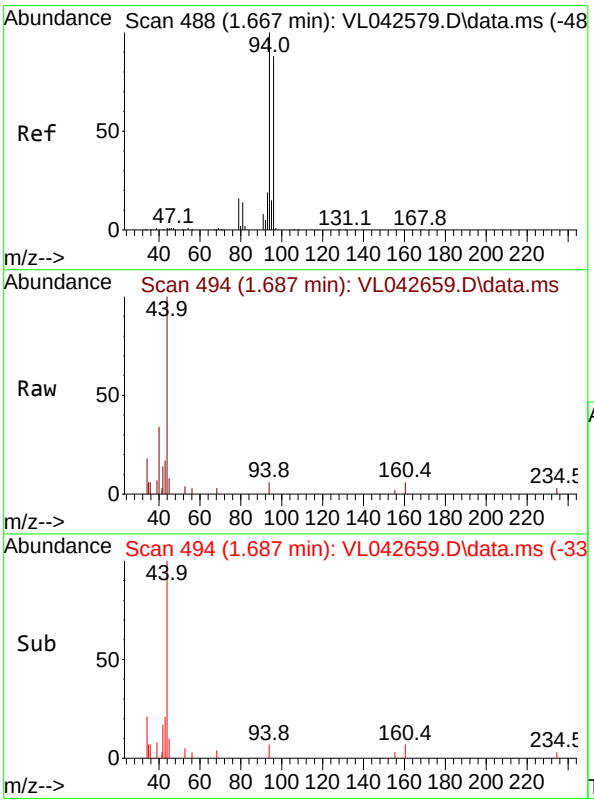
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 8
Delta R.T. 0.010 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 107257

Ion	Ratio	Lower	Upper
49	100		
128	44.4	24.2	72.6
130	57.2	30.4	91.2

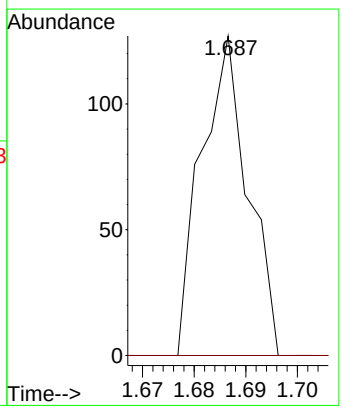


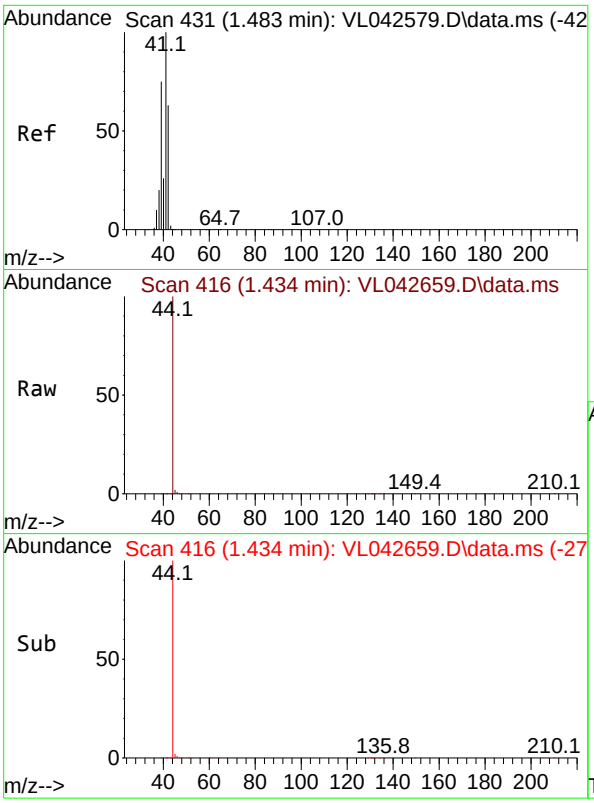


#6
Bromomethane
Concen: 0.031 ppbv
RT: 1.687 min Scan# 494
Delta R.T. 0.019 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Tgt Ion: 94 Resp: 80

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.7	106.1#



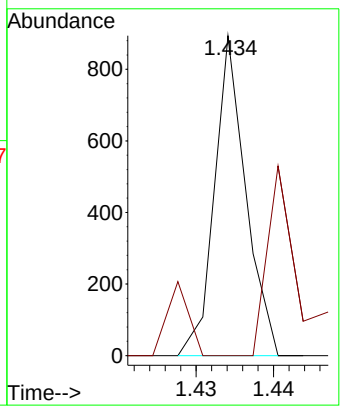


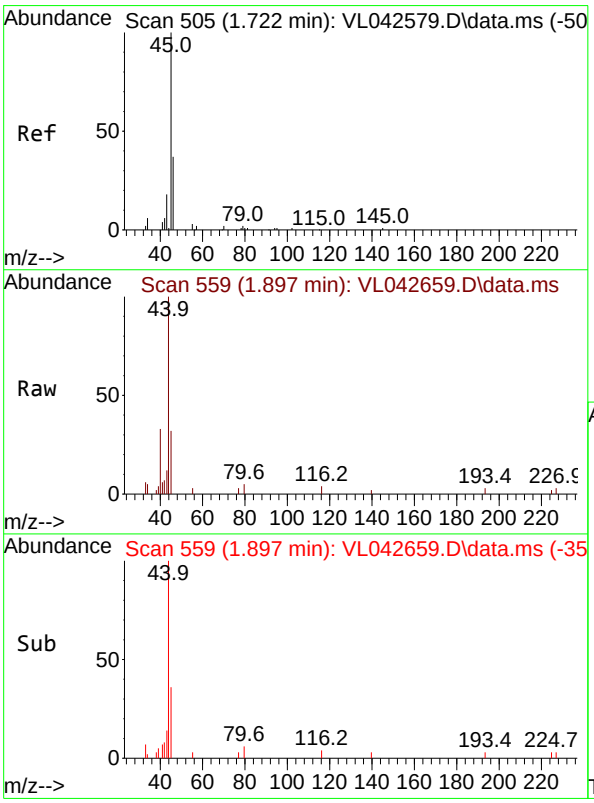
#9
Propene
Concen: 0.034 ppbv
RT: 1.434 min Scan# 4
Delta R.T. -0.049 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 41 Resp: 250

Ion	Ratio	Lower	Upper
41	100		
42	74.0	53.3	79.9

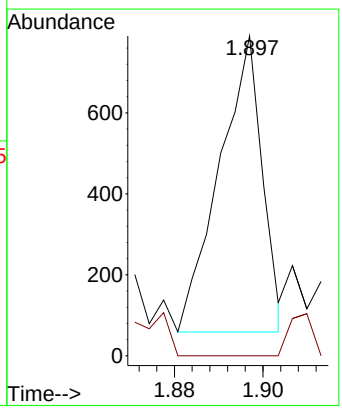


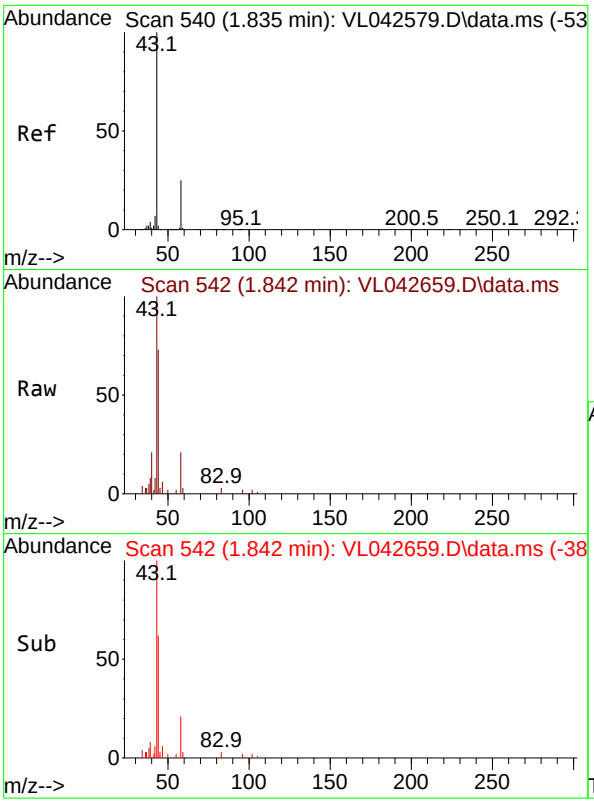


#13
Ethanol
Concen: 0.561 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.175 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Tgt Ion: 45 Resp: 489

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.5	58.1#



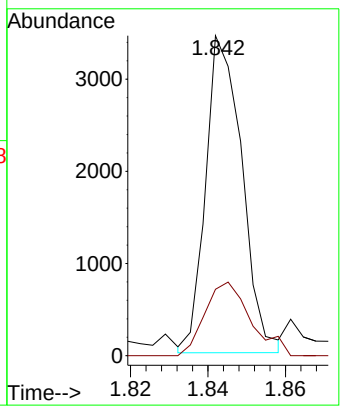


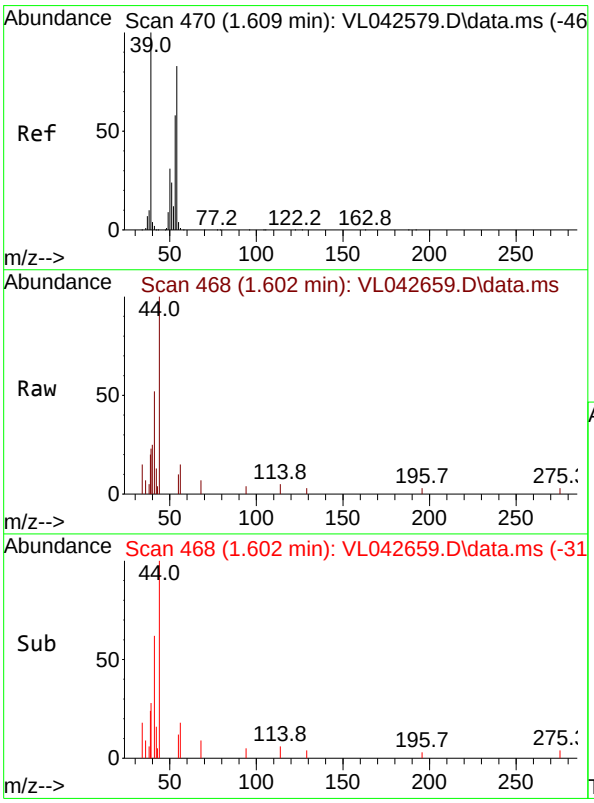
#15
Acetone
Concen: 0.173 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 2233

Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.0	31.4

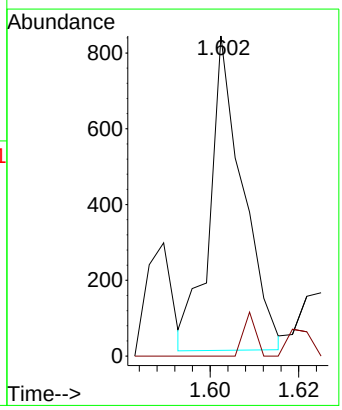


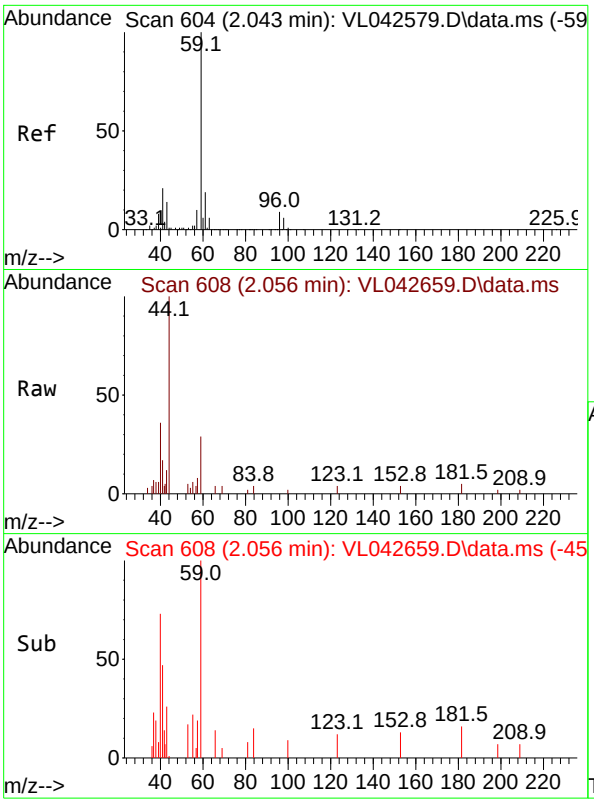


#16
1,3-Butadiene
Concen: 0.070 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.006 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Tgt Ion: 39 Resp: 430

Ion	Ratio	Lower	Upper
39	100		
54	11.4	57.9	86.9#



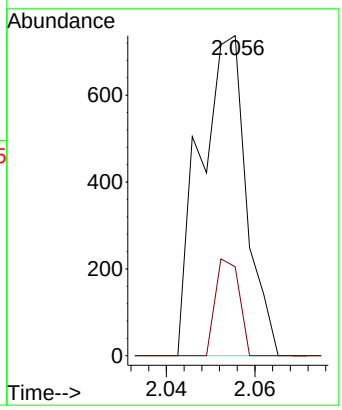


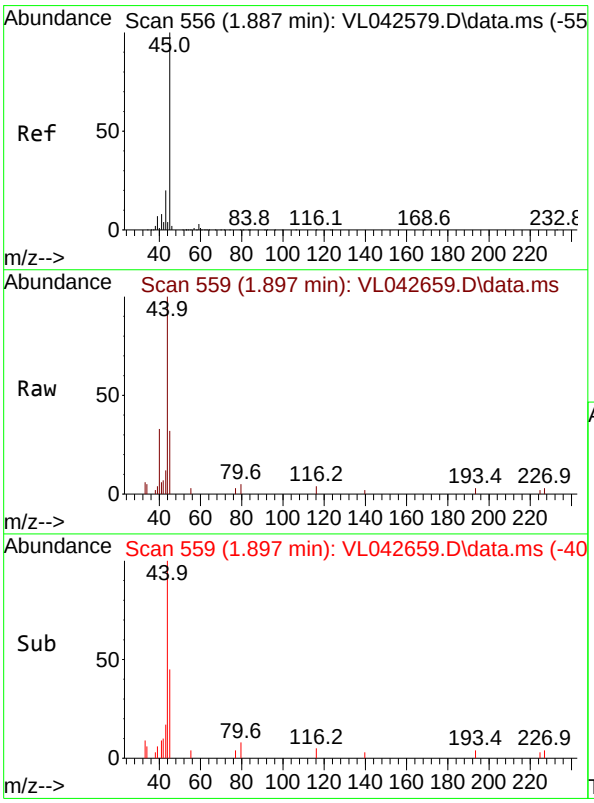
#17
tert-Butyl alcohol
Concen: 0.040 ppbv
RT: 2.056 min Scan# 6
Delta R.T. 0.013 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 59 Resp: 538

Ion	Ratio	Lower	Upper
59	100		
57	15.4	8.6	12.8#

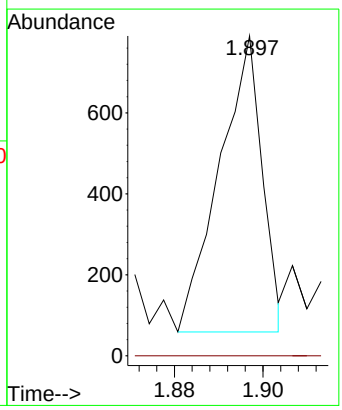


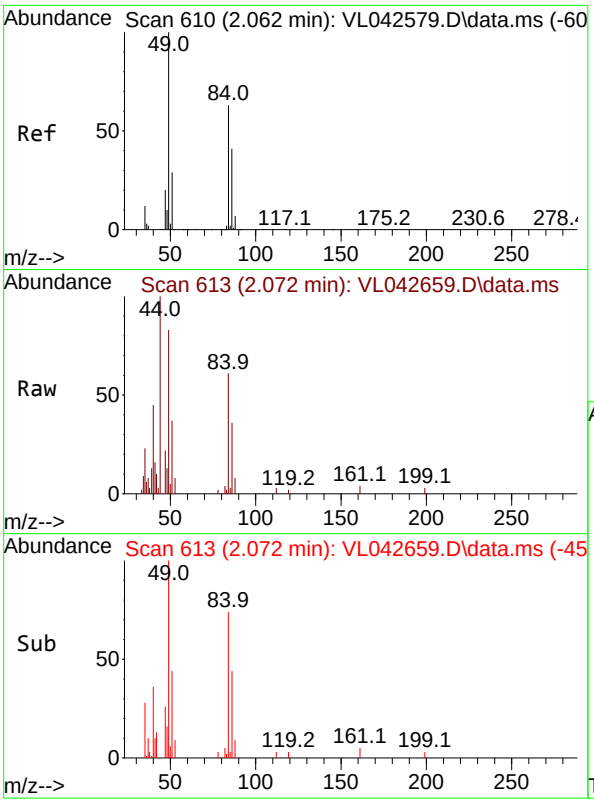


#19
Isopropyl Alcohol
Concen: 0.063 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.010 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Tgt Ion: 45 Resp: 489

Ion	Ratio	Lower	Upper
45	100		
58	133.7	29.4	44.2#



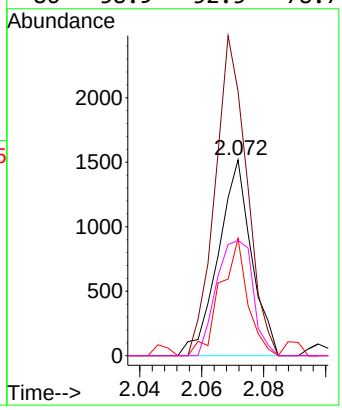


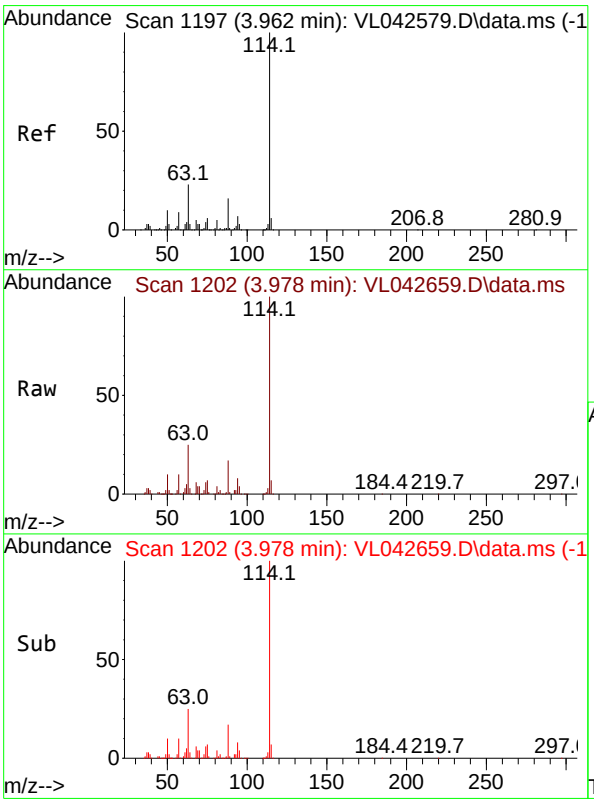
#20
Methylene Chloride
Concen: 0.266 ppbv
RT: 2.072 min Scan# 6
Delta R.T. 0.010 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 1132

Ion	Ratio	Lower	Upper
84	100		
49	135.0	128.8	193.2
51	59.8	38.6	57.8#
86	58.9	52.5	78.7

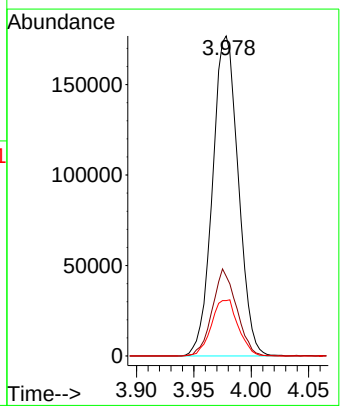


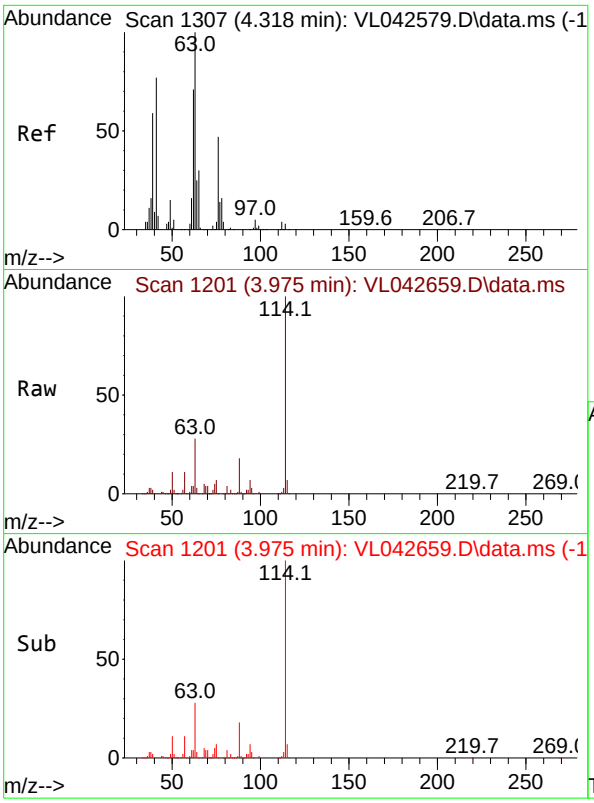


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1202
Delta R.T. 0.016 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Tgt Ion:114 Resp: 276044

Ion	Ratio	Lower	Upper
114	100		
63	25.7	19.0	28.6
88	18.2	13.6	20.4



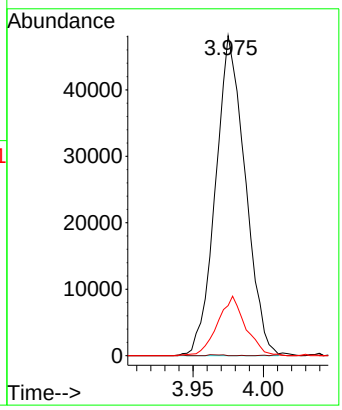


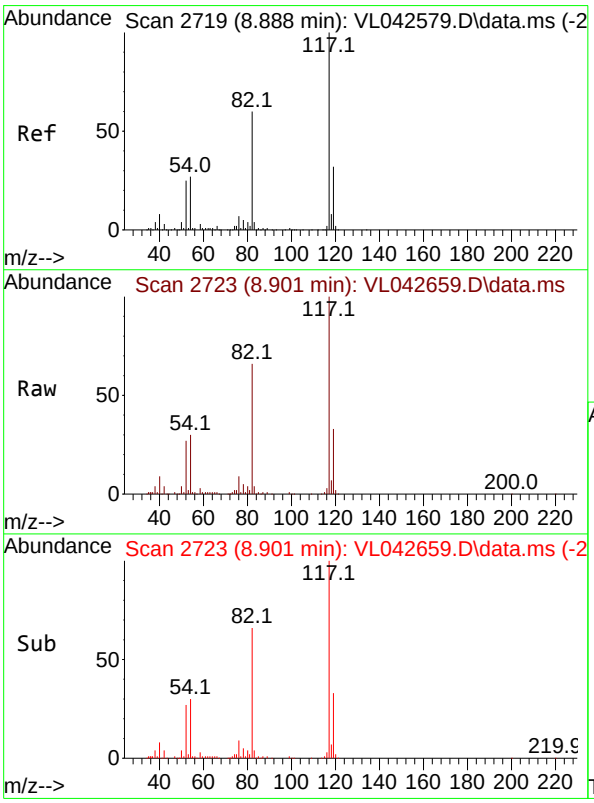
#39
1,2-Dichloropropane
Concen: 7.029 ppbv
RT: 3.975 min Scan# 1
Delta R.T. -0.343 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 70663

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.8	92.6#
62	15.7	56.6	85.0#

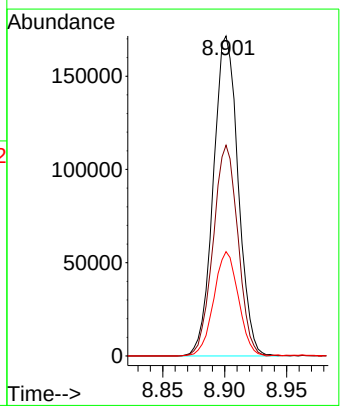


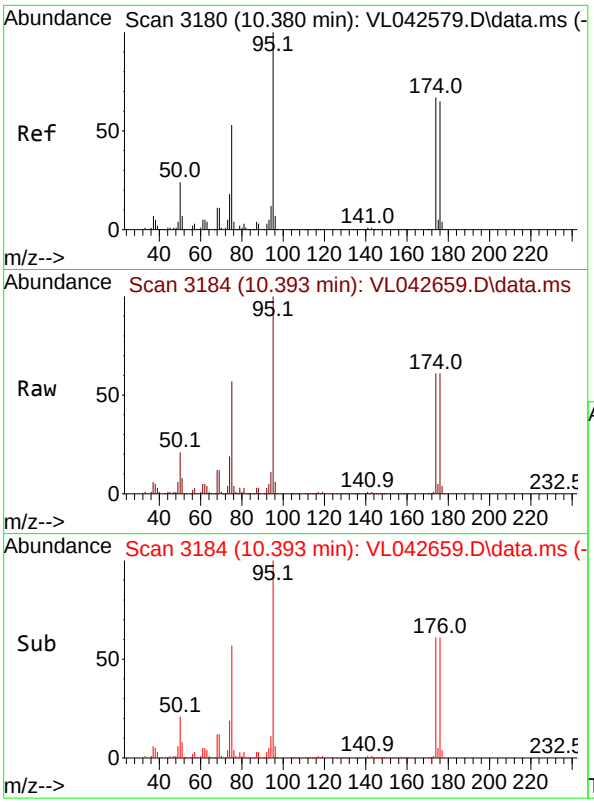


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.013 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Tgt Ion:117 Resp: 239558

Ion	Ratio	Lower	Upper
117	100		
82	66.0	51.2	76.8
119	32.5	26.3	39.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.144 ppbv
RT: 10.393 min Scan# 3
Delta R.T. 0.013 min
Lab File: VL042659.D
Acq: 19 Jun 2025 17:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 182169

Ion	Ratio	Lower	Upper
95	100		
174	61.7	53.1	79.7
175	4.6	4.2	6.2