Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
Data File : VL042638.D
Acq On : 16 Jun 2025 20:21
Operator : SY/MD
Sample : QC061625 CAN 23182
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Quant Time: Jun 17 03:10:35 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

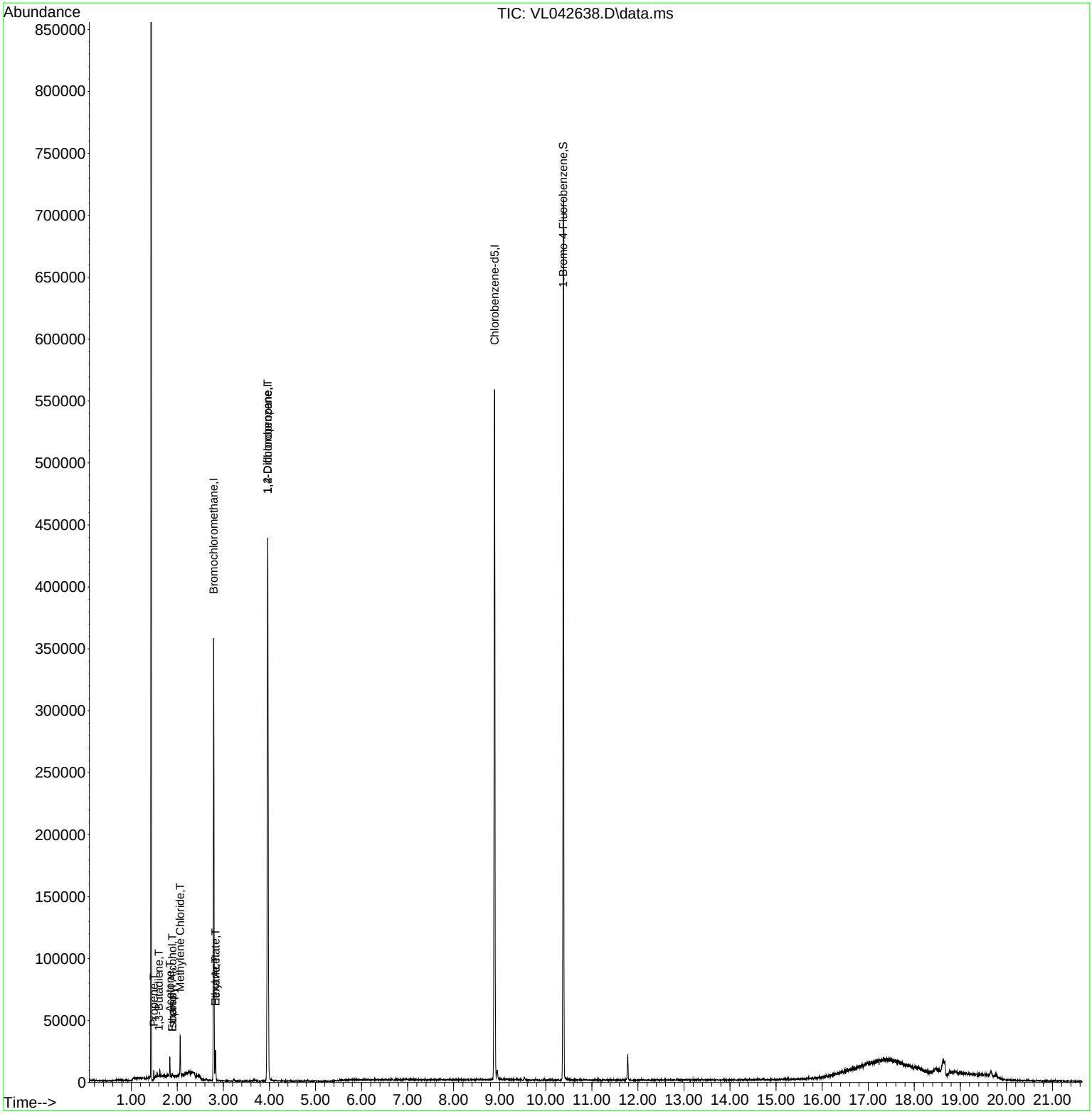
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	97935	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	250477	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	219985	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	172841	10.481	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.800%			
Target Compounds						Qvalue
9) Propene	1.493	41	683	0.102	ppbv	86
13) Ethanol	1.894	45	660	0.830	ppbv #	39
15) Acetone	1.839	43	6904	0.585	ppbv	99
16) 1,3-Butadiene	1.603	39	263	0.047	ppbv #	13
19) Isopropyl Alcohol	1.894	45	660	0.094	ppbv #	1
20) Methylene Chloride	2.062	84	4751	1.220	ppbv	93
25) Ethyl Acetate	2.829	43	3983	0.123	ppbv #	77
26) Hexane	2.829	57	4921	0.335	ppbv #	38
39) 1,2-Dichloropropane	3.962	63	66434	7.283	ppbv #	24

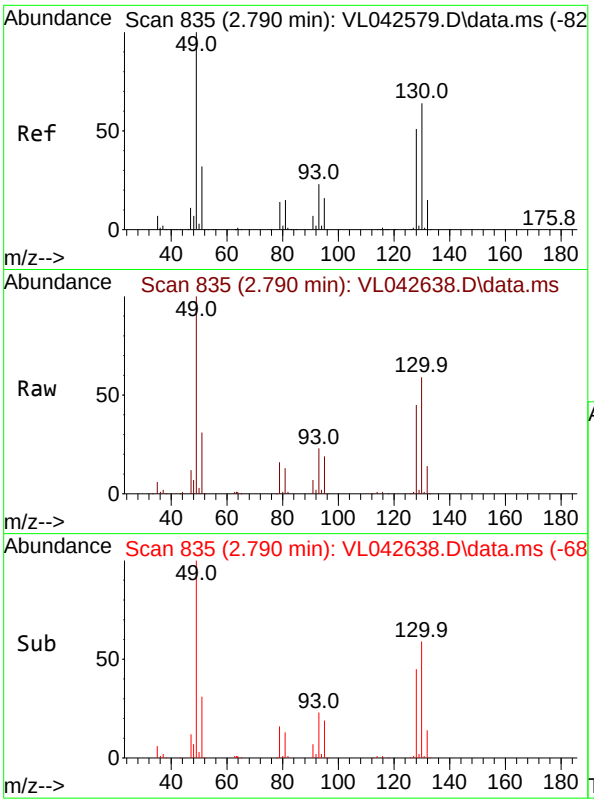
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
Data File : VL042638.D
Acq On : 16 Jun 2025 20:21
Operator : SY/MD
Sample : QC061625 CAN 23182
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Quant Time: Jun 17 03:10:35 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



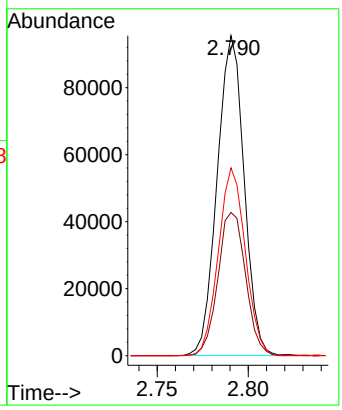


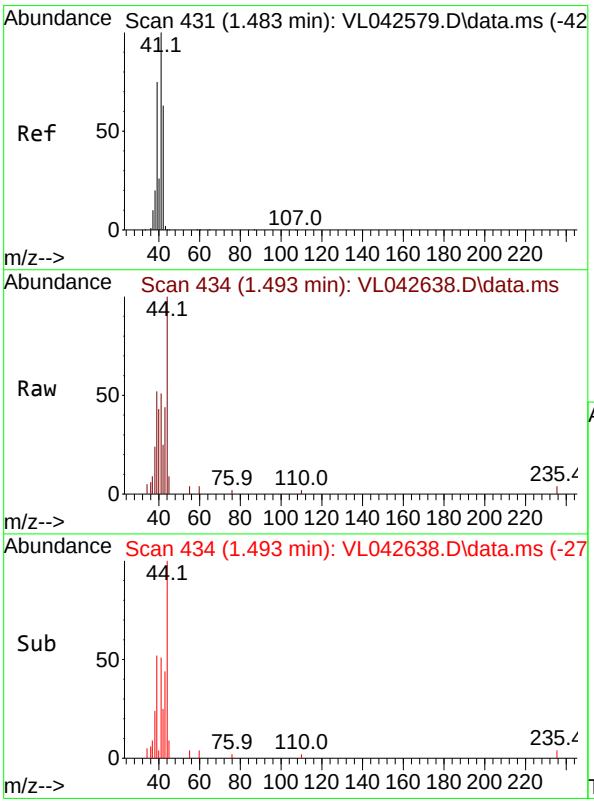
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 49 Resp: 97935

Ion	Ratio	Lower	Upper
49	100		
128	46.3	24.2	72.6
130	59.0	30.4	91.2

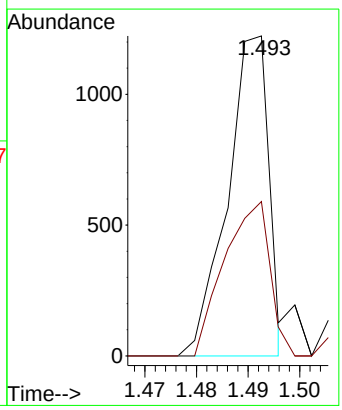


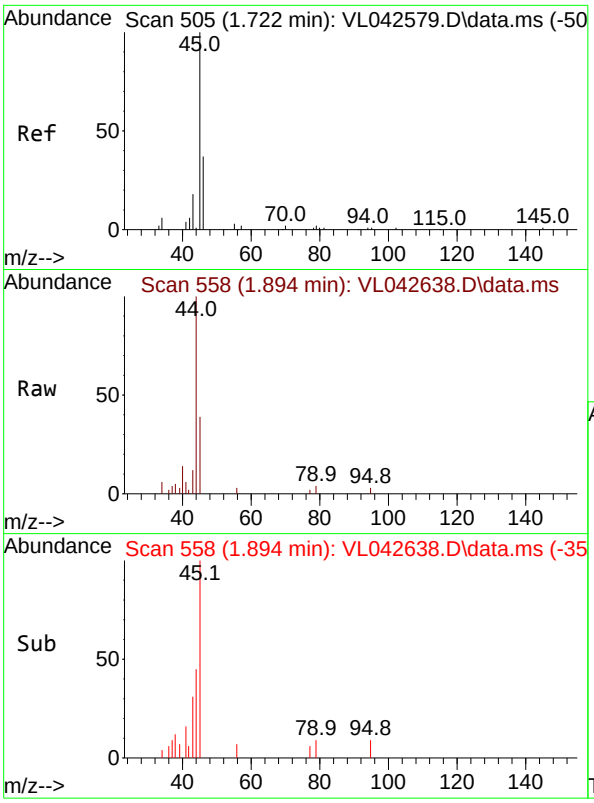


#9
Propene
Concen: 0.102 ppbv
RT: 1.493 min Scan# 434
Delta R.T. 0.010 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Tgt Ion: 41 Resp: 683

Ion	Ratio	Lower	Upper
41	100		
42	55.1	53.3	79.9



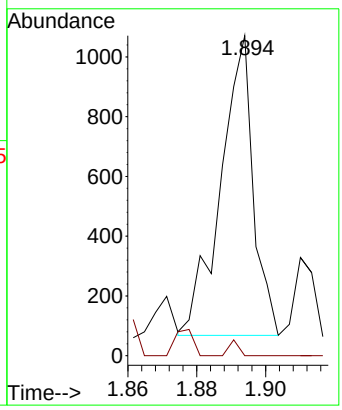


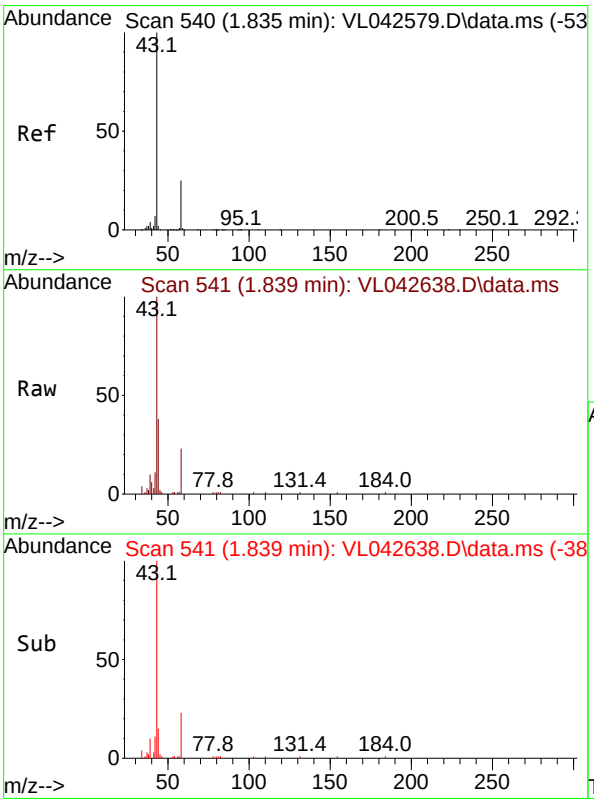
#13
Ethanol
Concen: 0.830 ppbv
RT: 1.894 min Scan# 5
Delta R.T. 0.172 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 45 Resp: 660

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.5	58.1#

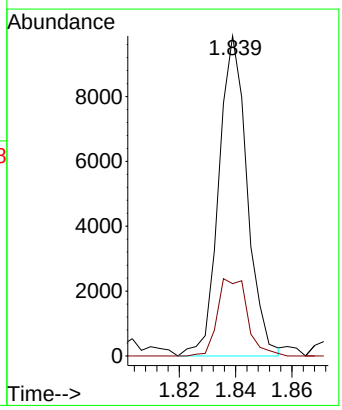


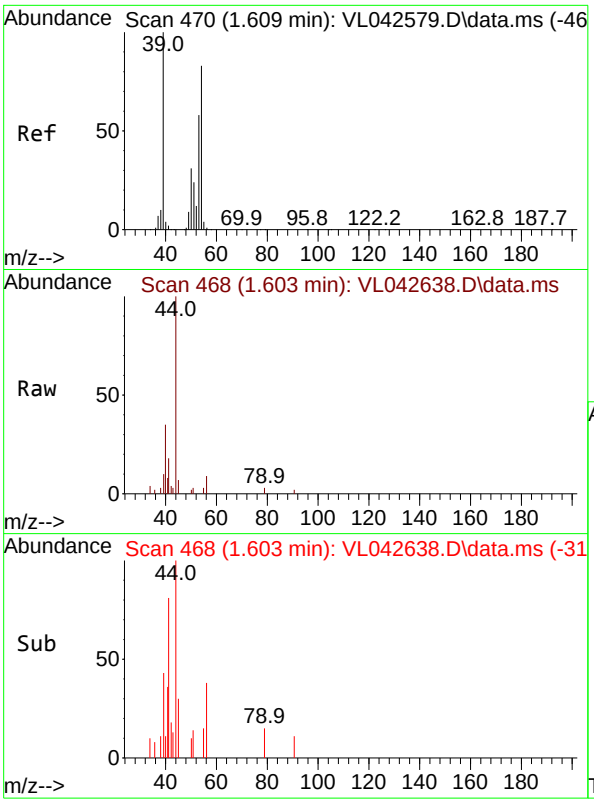


#15
Acetone
Concen: 0.585 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Tgt Ion: 43 Resp: 6904

Ion	Ratio	Lower	Upper
43	100		
58	25.5	21.0	31.4



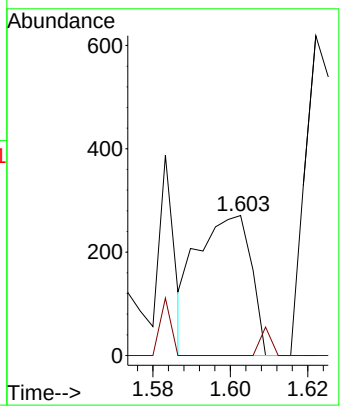


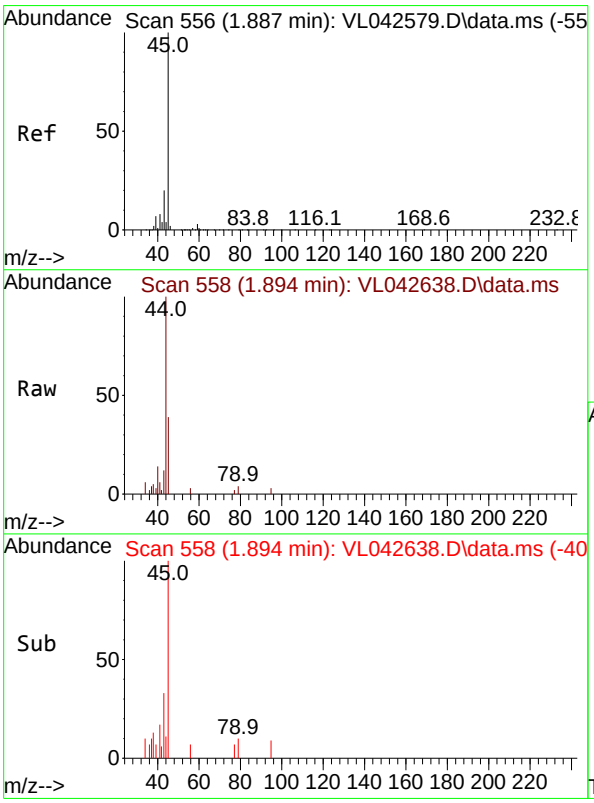
#16
1,3-Butadiene
Concen: 0.047 ppbv
RT: 1.603 min Scan# 4
Delta R.T. -0.006 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 39 Resp: 263

Ion	Ratio	Lower	Upper
39	100		
54	0.0	57.9	86.9#

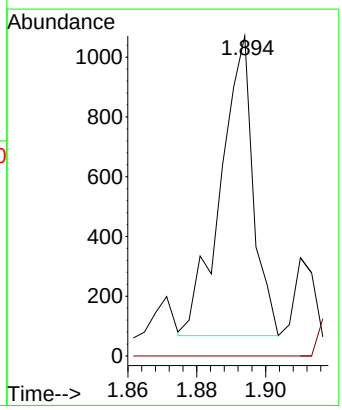


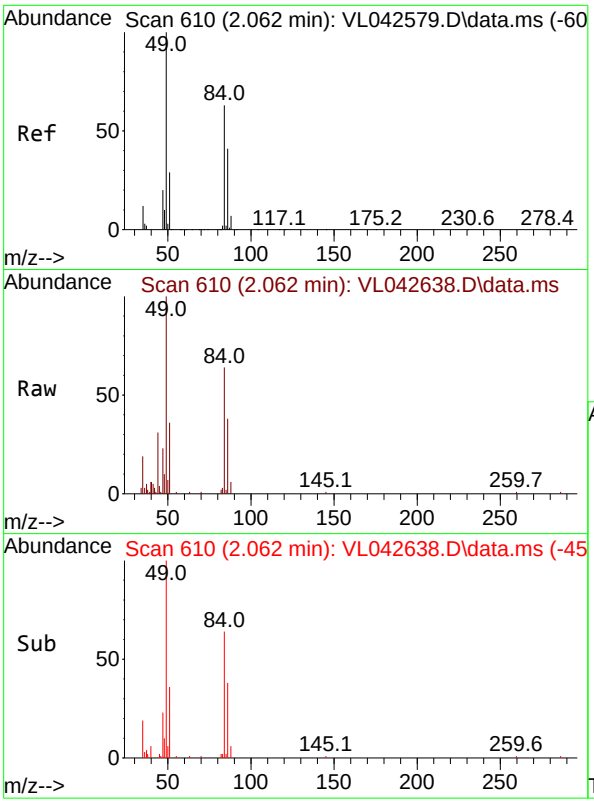


#19
Isopropyl Alcohol
Concen: 0.094 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.007 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Tgt Ion: 45 Resp: 660

Ion	Ratio	Lower	Upper
45	100		
58	266.5	29.4	44.2#



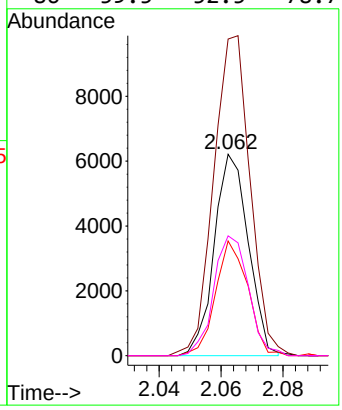


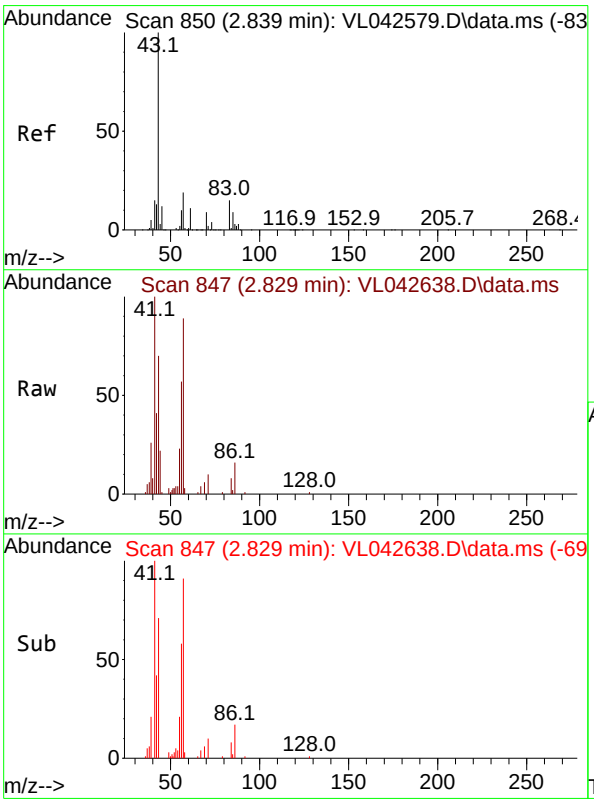
#20
Methylene Chloride
Concen: 1.220 ppbv
RT: 2.062 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 84 Resp: 4751

Ion	Ratio	Lower	Upper
84	100		
49	155.1	128.8	193.2
51	56.9	38.6	57.8
86	59.5	52.5	78.7

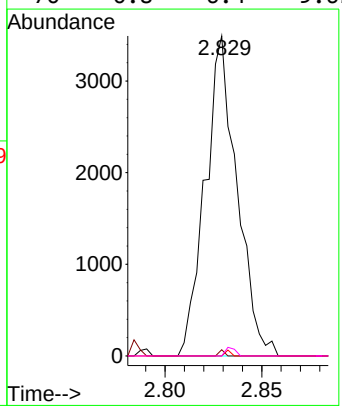


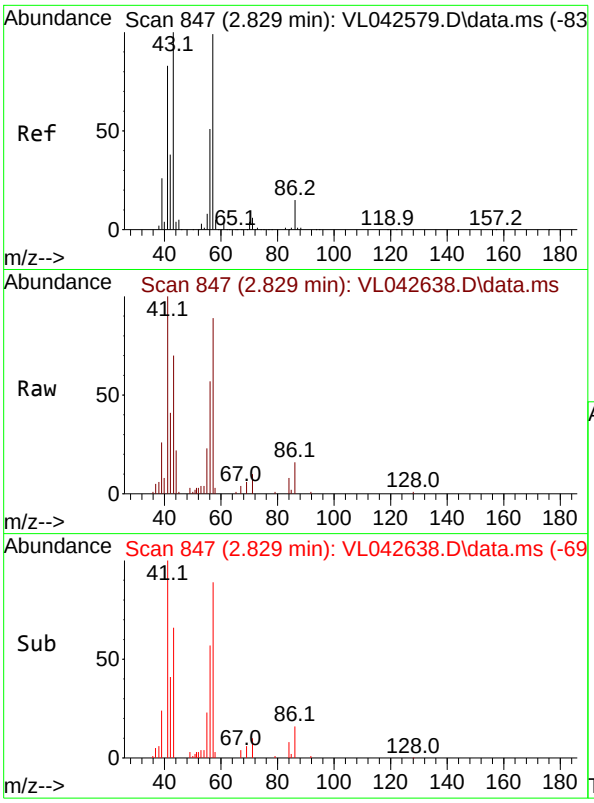


#25
Ethyl Acetate
Concen: 0.123 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.009 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Tgt Ion: 43 Resp: 3983

Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.2	12.2#
61	0.0	7.1	10.7#
70	0.8	6.4	9.6#



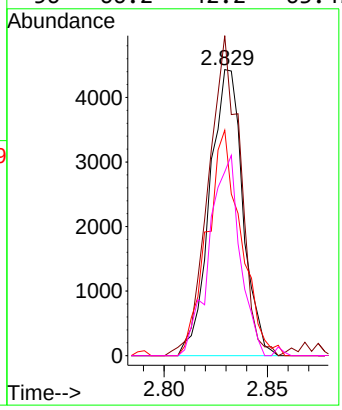


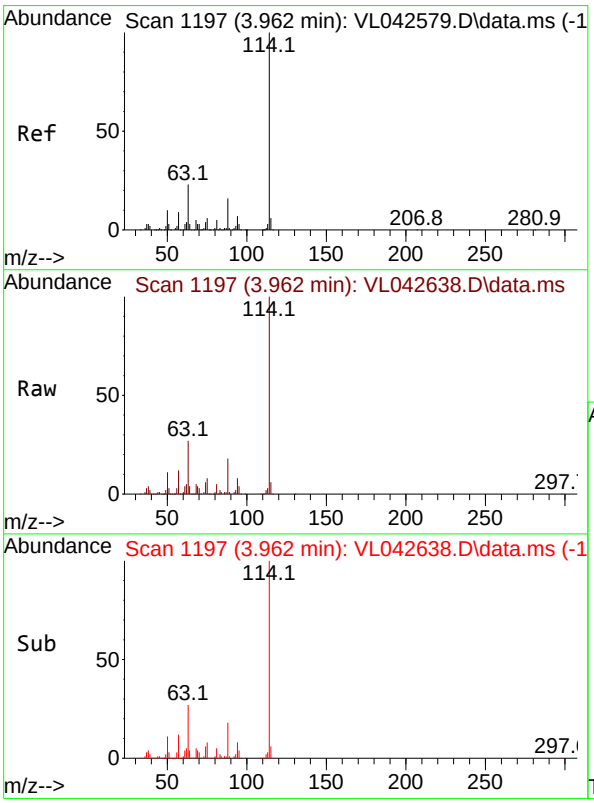
#26
Hexane
Concen: 0.335 ppbv
RT: 2.829 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 57 Resp: 4921

Ion	Ratio	Lower	Upper
57	100		
41	108.0	70.6	106.0#
43	81.5	181.1	271.7#
56	66.2	42.2	63.4#

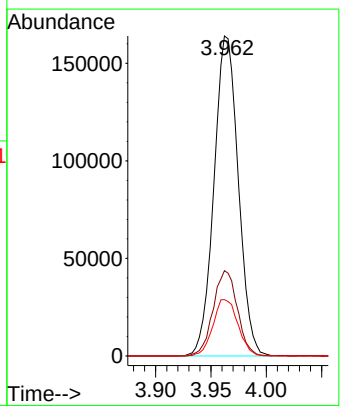


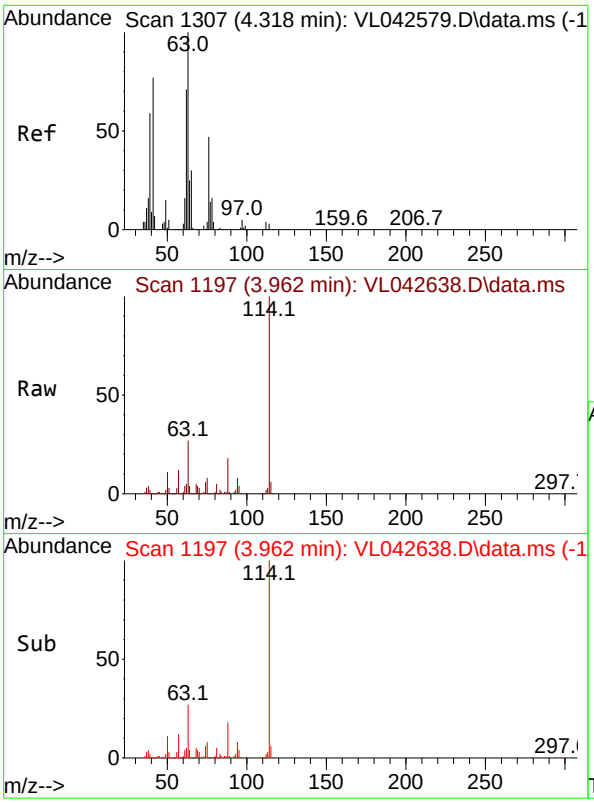


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.000 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Tgt Ion:114 Resp: 250477

Ion	Ratio	Lower	Upper
114	100		
63	26.6	19.0	28.6
88	18.1	13.6	20.4



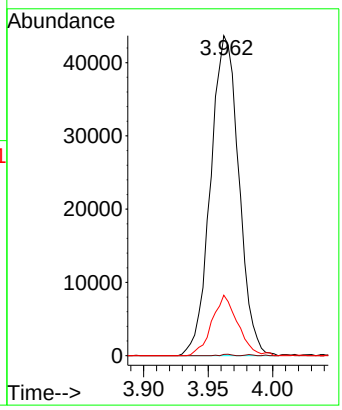


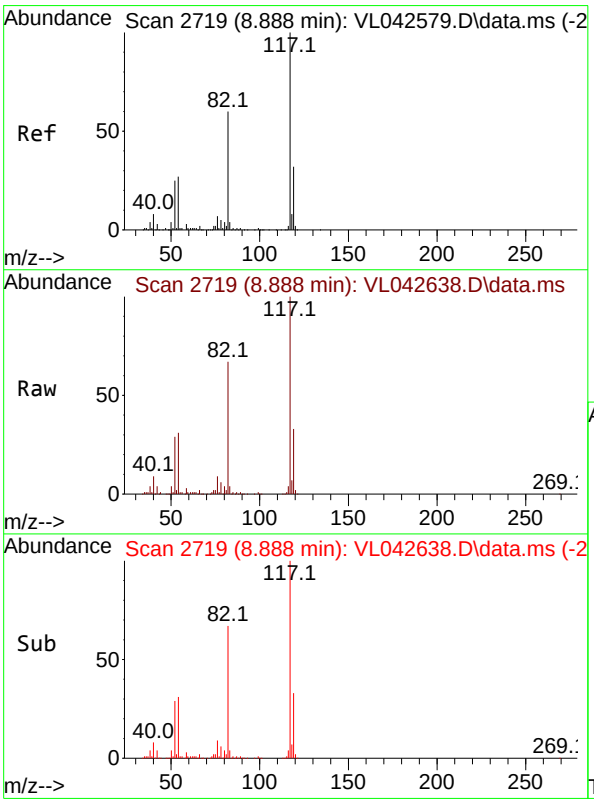
#39
1,2-Dichloropropane
Concen: 7.283 ppbv
RT: 3.962 min Scan# 1
Delta R.T. -0.356 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 63 Resp: 66434

Ion	Ratio	Lower	Upper
63	100		
41	0.4	61.8	92.6#
62	18.9	56.6	85.0#

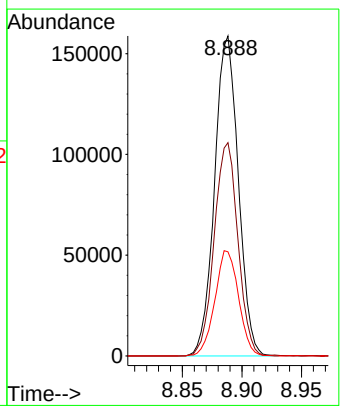


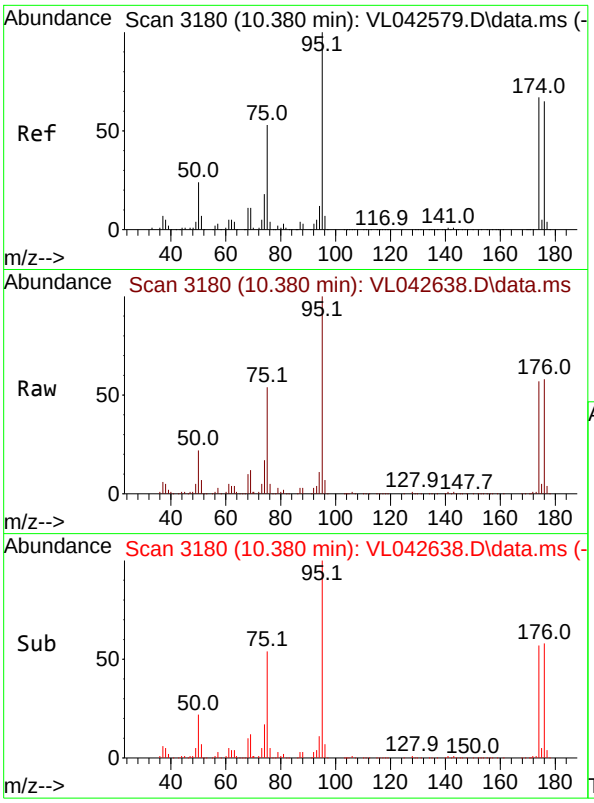


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Tgt Ion:117 Resp: 219985

Ion	Ratio	Lower	Upper
117	100		
82	66.6	51.2	76.8
119	32.8	26.3	39.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.481 ppbv
RT: 10.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: VL042638.D
Acq: 16 Jun 2025 20:21

Instrument :
MSVOA_L
ClientSampleId :
QC061625 CAN 23182

Tgt Ion: 95 Resp: 172841

Ion	Ratio	Lower	Upper
95	100		
174	61.5	53.1	79.7
175	4.5	4.2	6.2