Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
Data File : VL042707.D
Acq On : 08 Jul 2025 09:43
Operator : SY/MD
Sample : VL0708ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Quant Time: Jul 09 01:26:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 03 01:50:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	117617	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	277197	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	238314	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	177938	9.707	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.100%			
Target Compounds						Qvalue
13) Ethanol	1.890	45	485	0.730	ppbv #	37
15) Acetone	1.839	43	2738	0.235	ppbv #	87
17) tert-Butyl alcohol	2.049	59	651	0.057	ppbv	95
19) Isopropyl Alcohol	1.890	45	485	0.072	ppbv #	1
20) Methylene Chloride	2.062	84	1396	0.313	ppbv #	90
24) 1,1-Dichloroethane	2.787	63	799	0.078	ppbv #	87
34) 2-Butanone	2.567	43	1139	0.052	ppbv	98
39) 1,2-Dichloropropane	3.965	63	71922	6.601	ppbv #	23
66) Benzyl Chloride	11.542	91	161	0.045	ppbv #	64

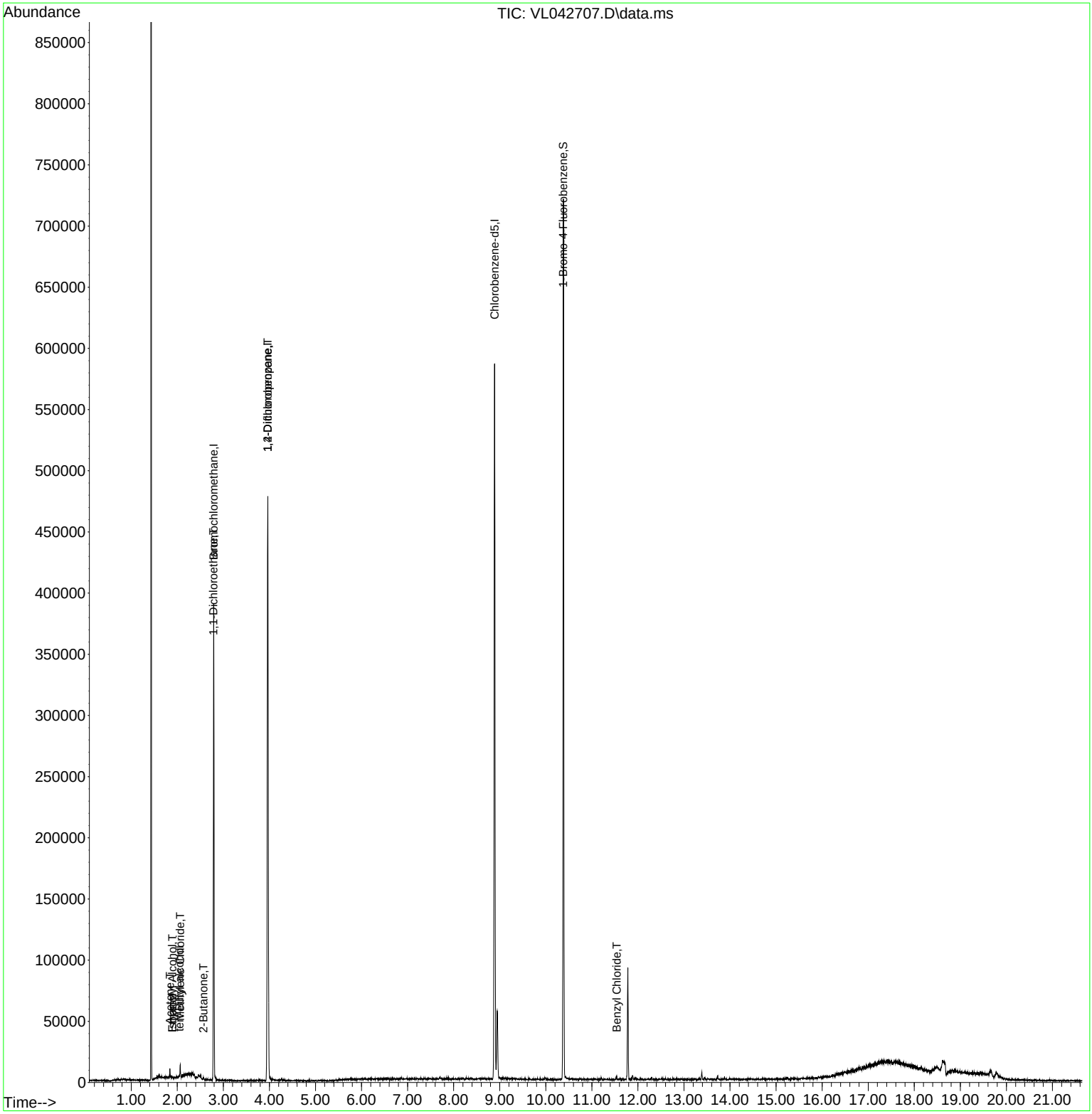
(#) = qualifier out of range (m) = manual integration (+) = signals summed

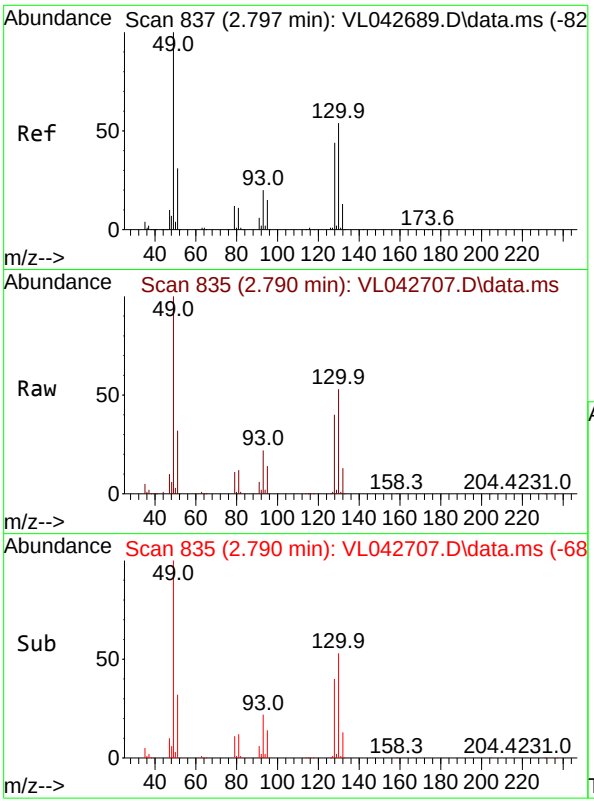
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
Data File : VL042707.D
Acq On : 08 Jul 2025 09:43
Operator : SY/MD
Sample : VL0708ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Quant Time: Jul 09 01:26:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 03 01:50:16 2025
Response via : Initial Calibration



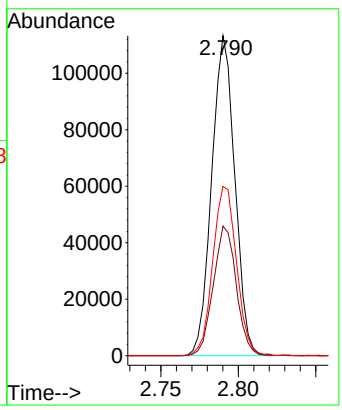


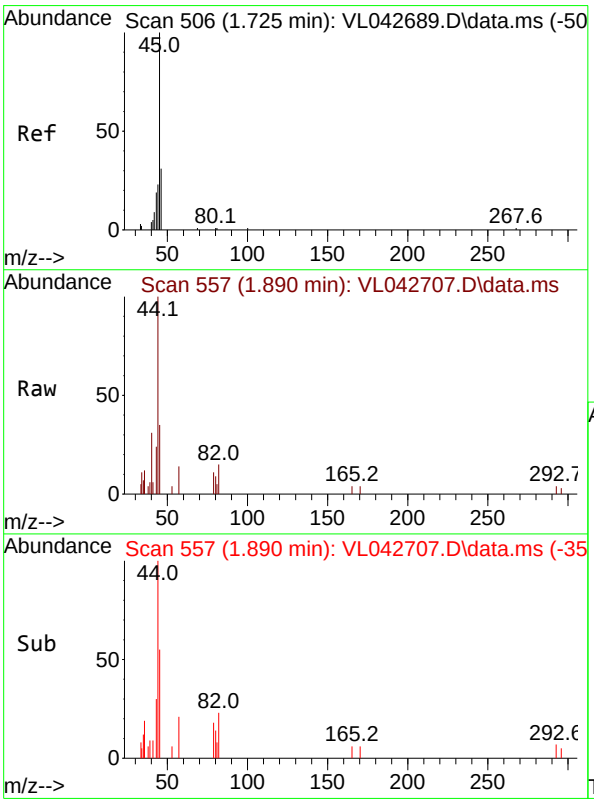
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. -0.007 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion: 49 Resp: 117617

Ion	Ratio	Lower	Upper
49	100		
128	40.2	21.4	64.2
130	54.3	28.0	84.0

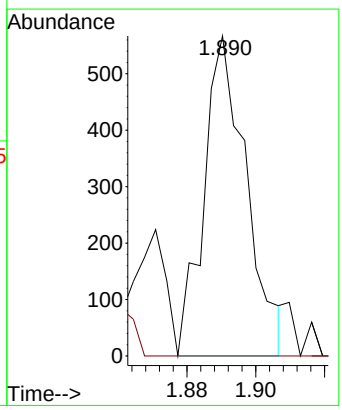


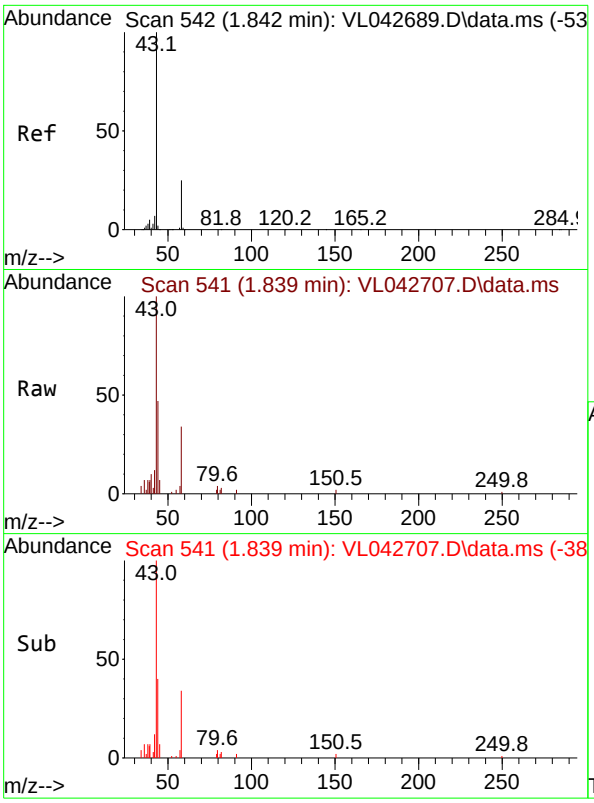


#13
Ethanol
Concen: 0.730 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.165 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 45 Resp: 485

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.2	60.8#



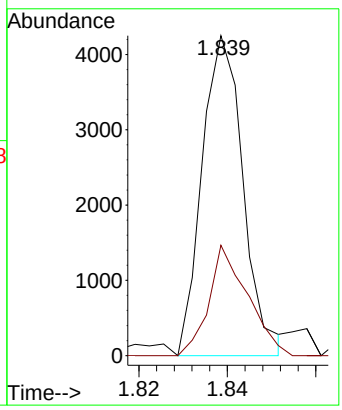


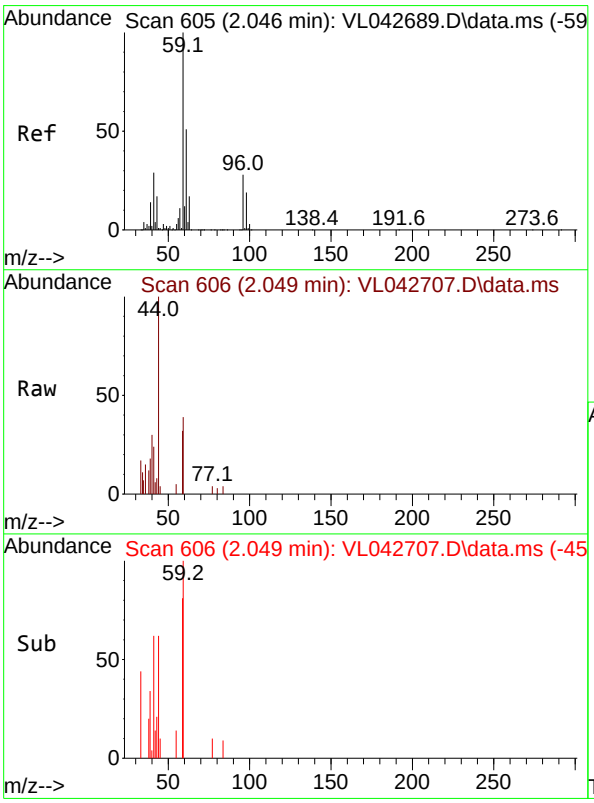
#15
Acetone
Concen: 0.235 ppbv
RT: 1.839 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion: 43 Resp: 2738

Ion	Ratio	Lower	Upper
43	100		
58	32.6	20.6	31.0#

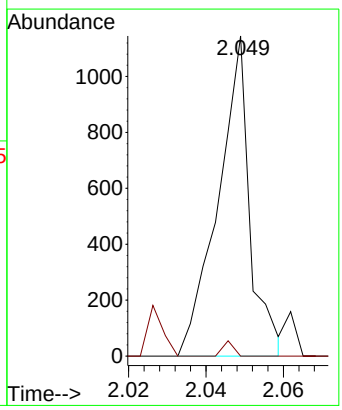


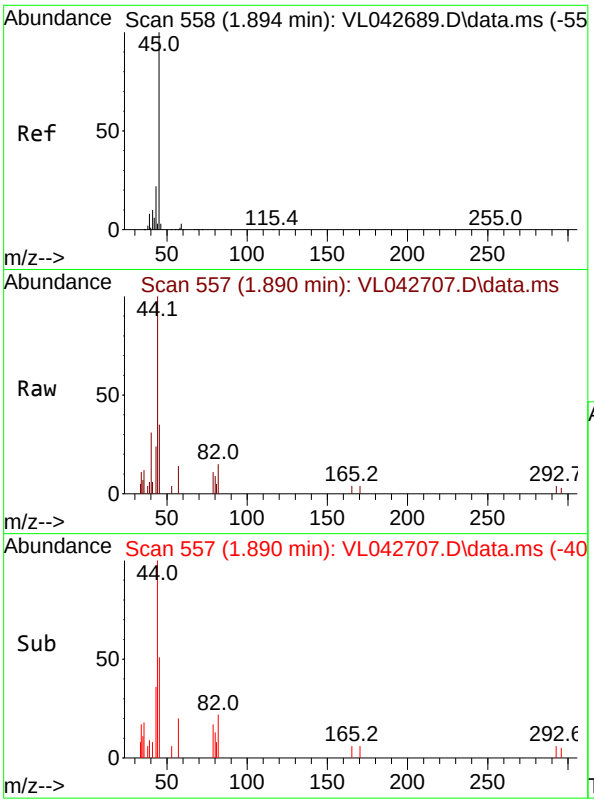


#17
tert-Butyl alcohol
Concen: 0.057 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.003 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 59 Resp: 651

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.8	13.2



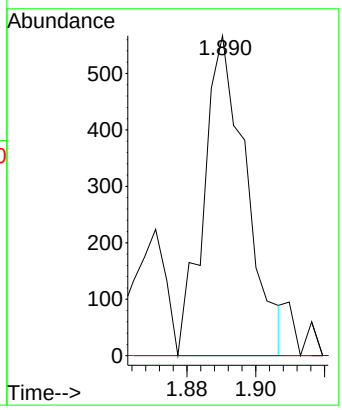


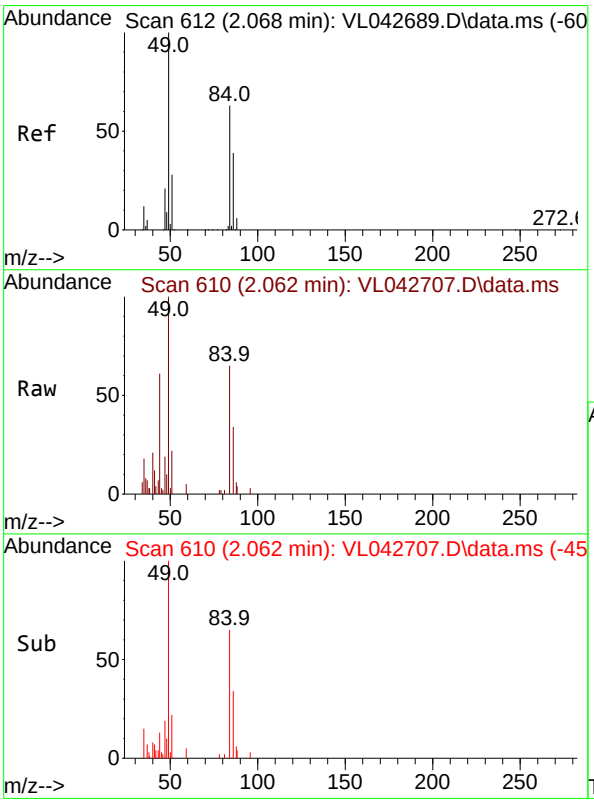
#19
Isopropyl Alcohol
Concen: 0.072 ppbv
RT: 1.890 min Scan# 5
Delta R.T. -0.003 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion: 45 Resp: 485

Ion	Ratio	Lower	Upper
45	100		
58	183.9	1.4	2.2#

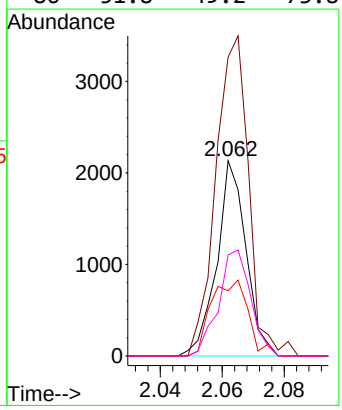


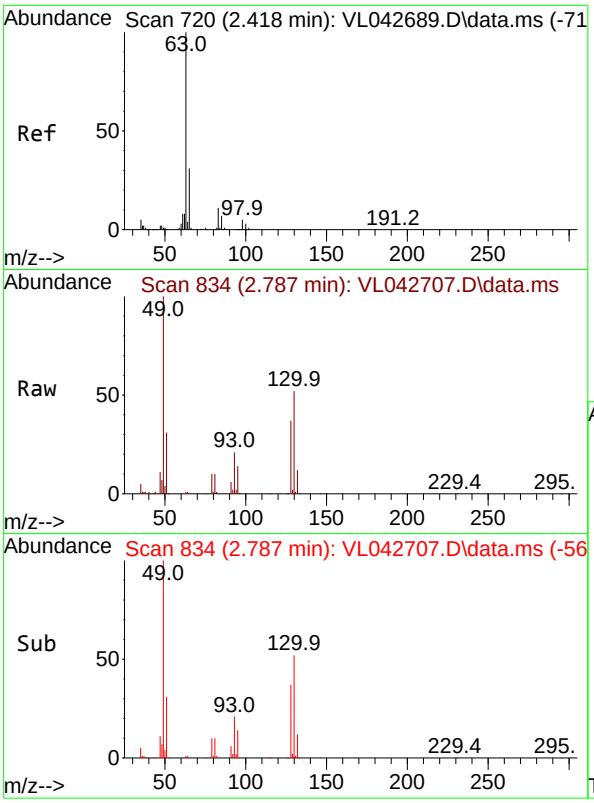


#20
Methylene Chloride
Concen: 0.313 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.007 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 84 Resp: 1396

Ion	Ratio	Lower	Upper
84	100		
49	153.2	128.6	193.0
51	33.3	37.4	56.2#
86	51.8	49.2	73.8



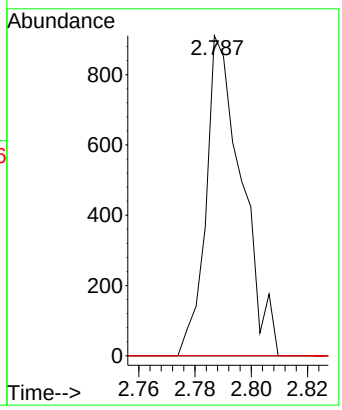


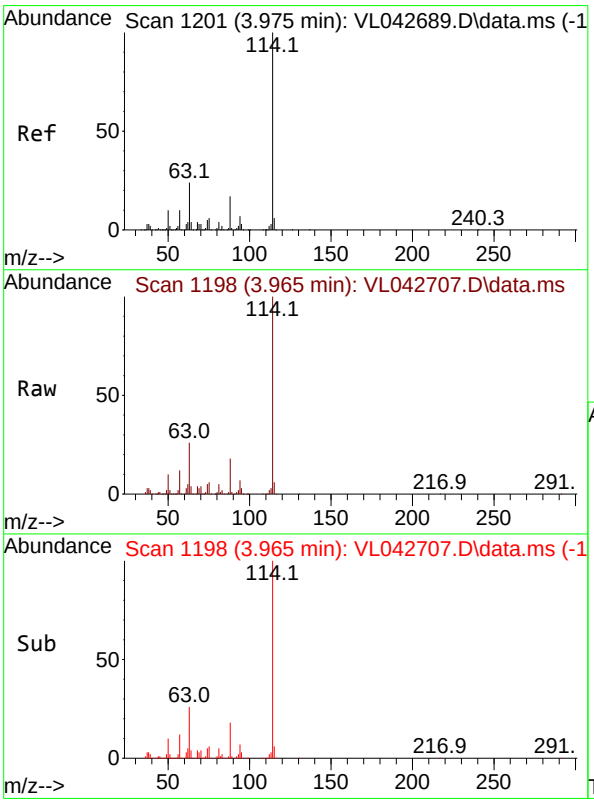
#24
1,1-Dichloroethane
Concen: 0.078 ppbv
RT: 2.787 min Scan# 8
Delta R.T. 0.369 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion: 63 Resp: 799

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.5	7.6#
100	0.0	1.7	5.0#

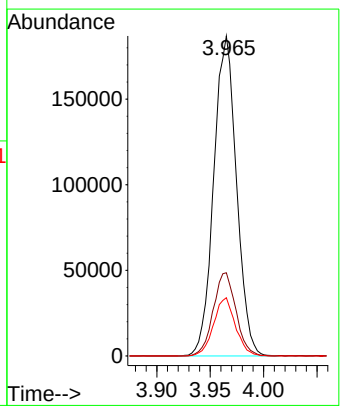


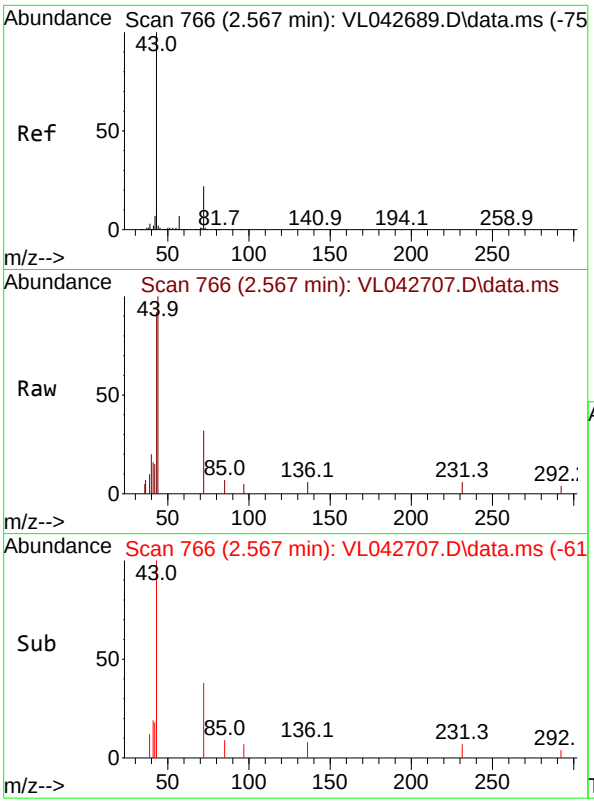


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.010 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Tgt Ion:114 Resp: 277197

Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.4	30.6
88	17.5	14.2	21.2



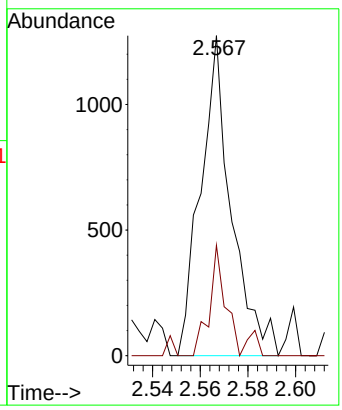


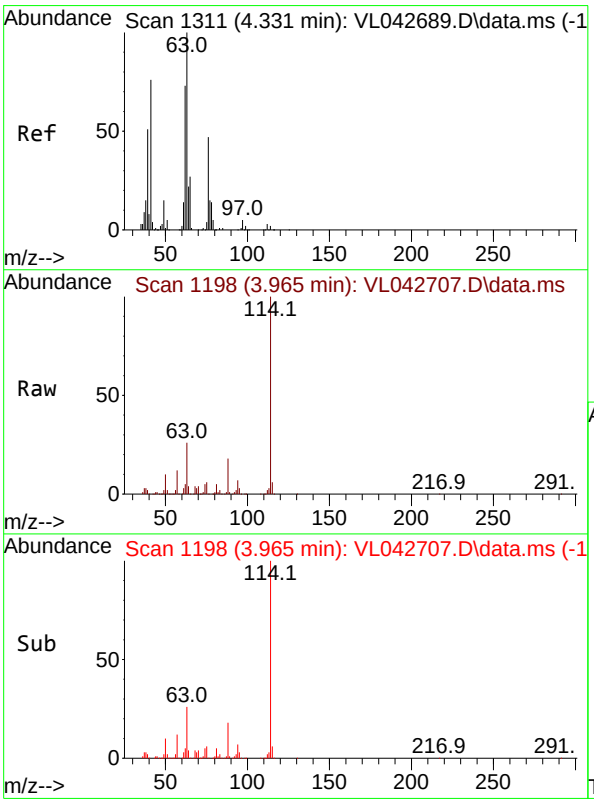
#34
2-Butanone
Concen: 0.052 ppbv
RT: 2.567 min Scan# 7
Delta R.T. -0.000 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion: 43 Resp: 1139

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.1	25.7

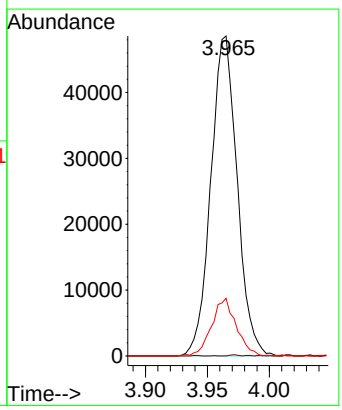


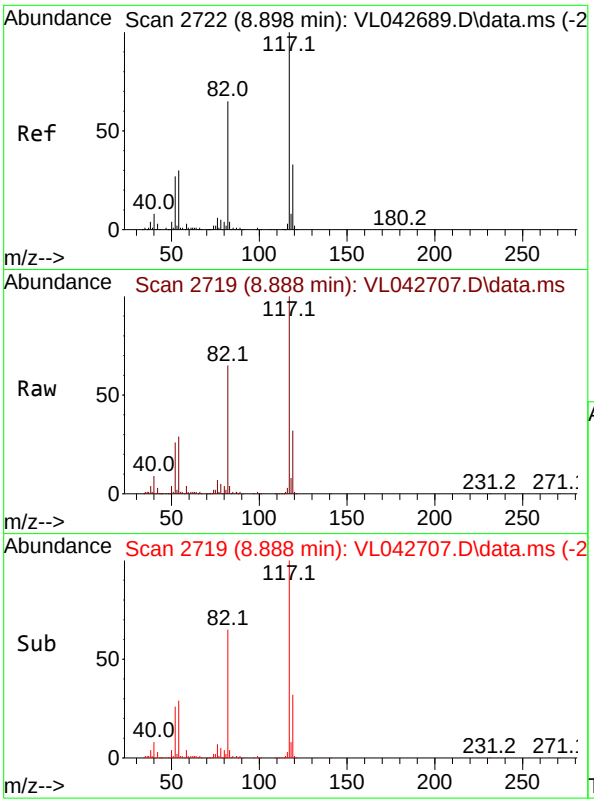


#39
1,2-Dichloropropane
Concen: 6.601 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.366 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 63 Resp: 71922

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	18.0	58.6	87.8#



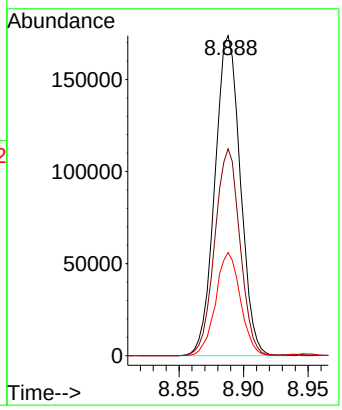


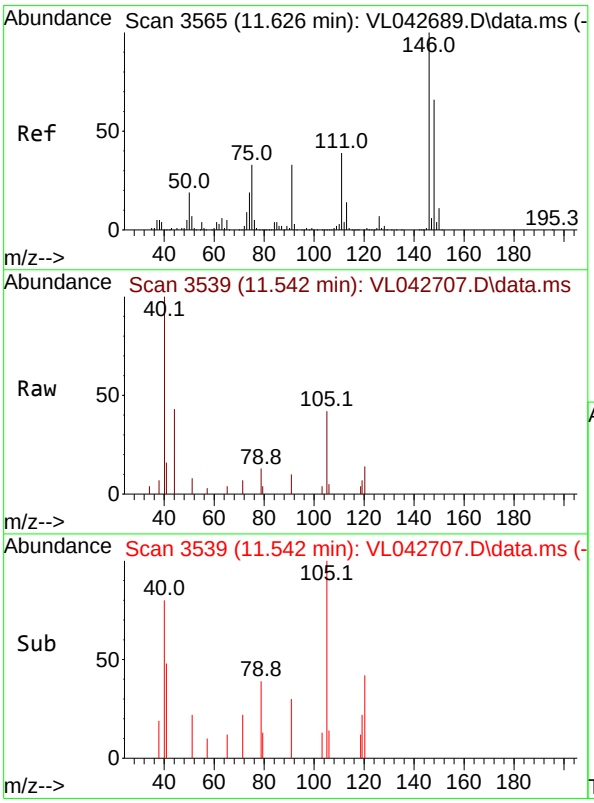
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2
Delta R.T. -0.010 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion:117 Resp: 238314

Ion	Ratio	Lower	Upper
117	100		
82	64.1	53.4	80.2
119	31.5	26.6	39.8

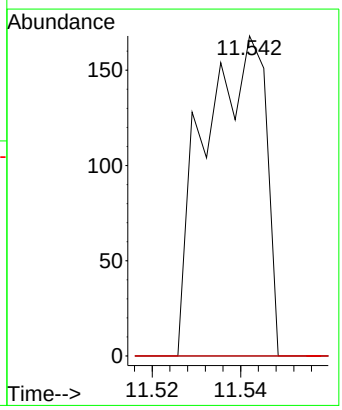


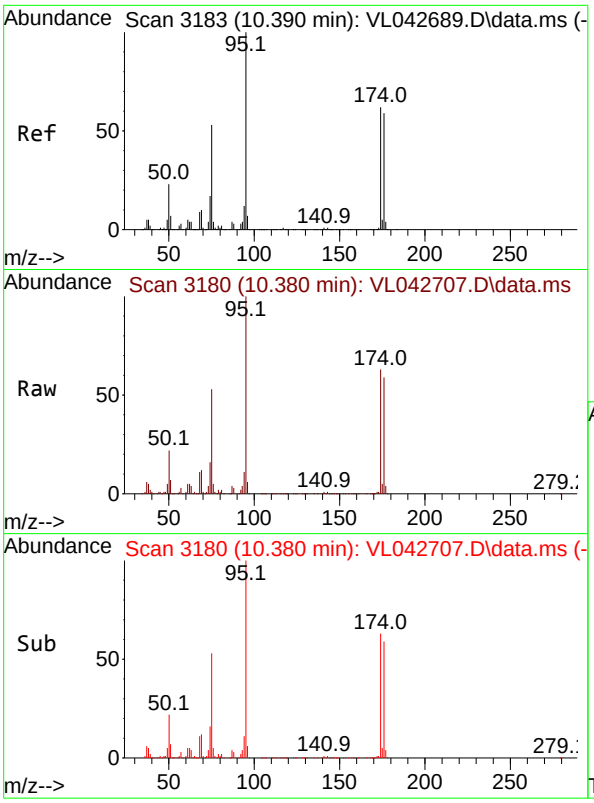


#66
Benzyl Chloride
Concen: 0.045 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.084 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 91 Resp: 161

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.8	22.2#
128	0.0	4.7	7.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.707 ppbv
RT: 10.380 min Scan# 3
Delta R.T. -0.010 min
Lab File: VL042707.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_L
ClientSampleId :
VL0708ABL01

Tgt Ion: 95 Resp: 177938

Ion	Ratio	Lower	Upper
95	100		
174	65.3	51.2	76.8
175	4.8	3.8	5.8