Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
Data File : VL042143.D
Acq On : 14 Mar 2025 10:09
Operator : SY/MD
Sample : QC031025 CAN 10267
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Quant Time: Mar 14 23:17:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	165110	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.958	114	377773	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.881	117	315162	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	245153	10.111	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.100%			
Target Compounds						Qvalue
13) Ethanol	1.884	45	798	1.286	ppbv	# 33
15) Acetone	1.838	43	2872	0.197	ppbv	# 86
16) 1,3-Butadiene	1.602	39	256	0.038	ppbv	# 12
19) Isopropyl Alcohol	1.884	45	798	0.095	ppbv	# 1
20) Methylene Chloride	2.062	84	1404	0.255	ppbv	# 78
30) Cyclohexane	3.952	84	2302	0.120	ppbv	# 1
39) 1,2-Dichloropropane	3.958	63	96515	6.430	ppbv	# 23

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

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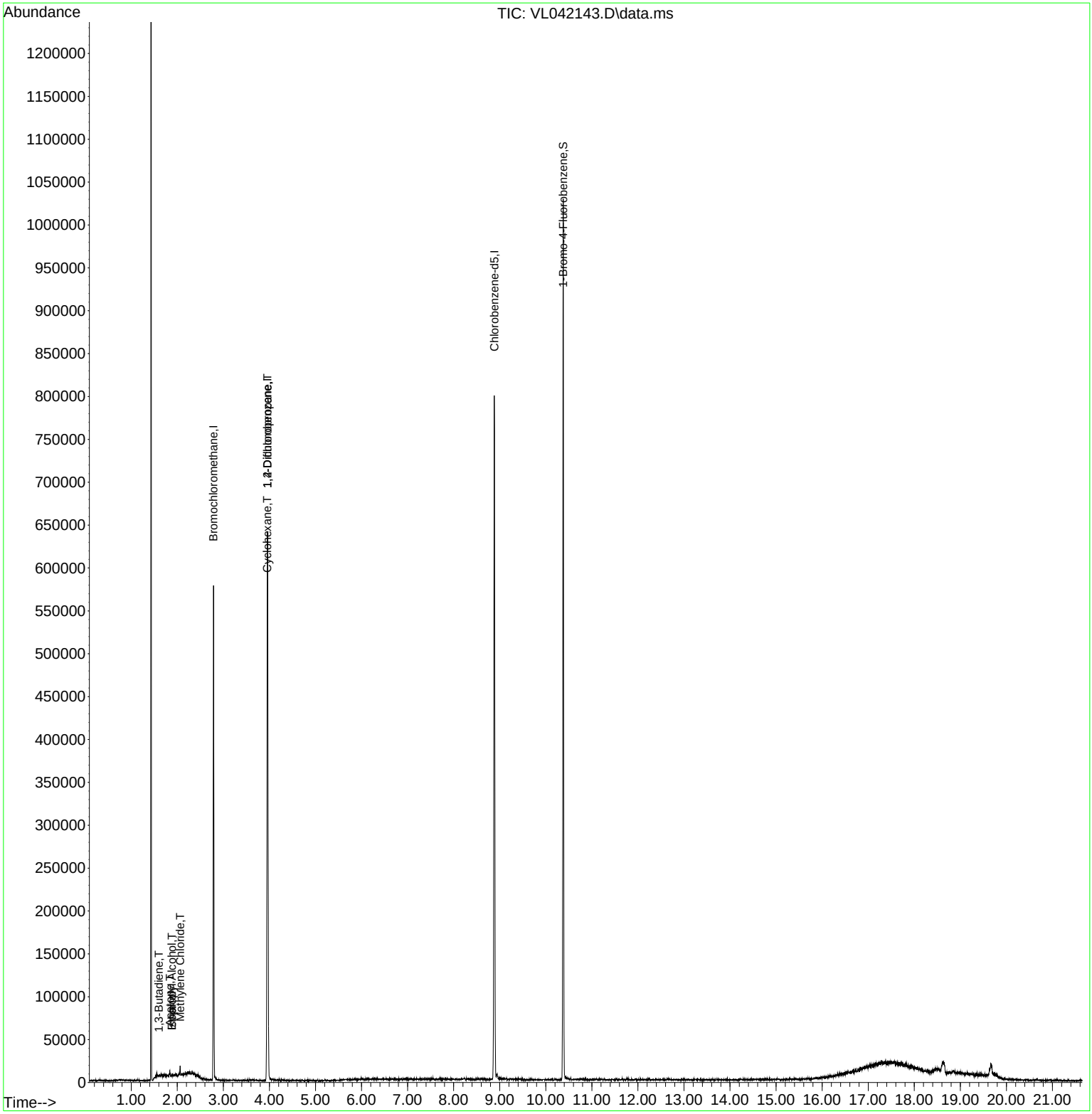
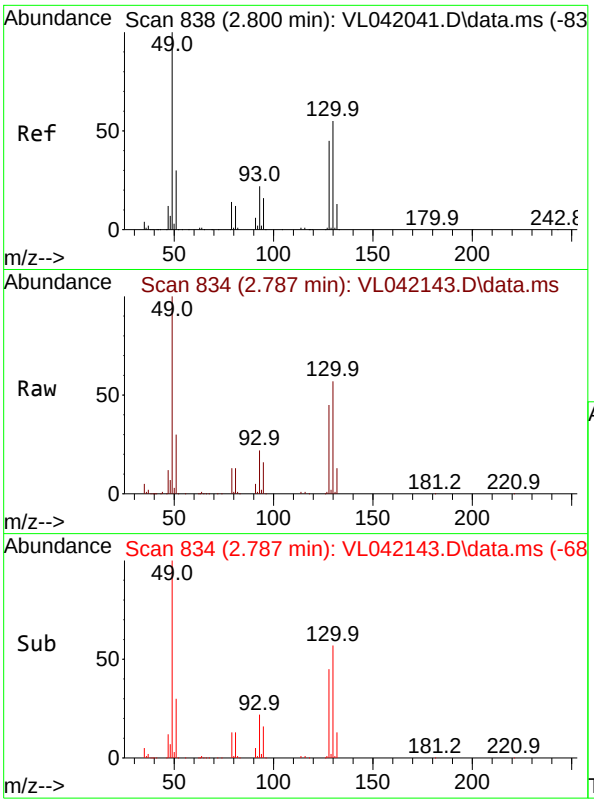


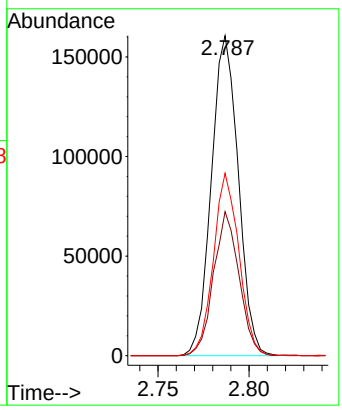


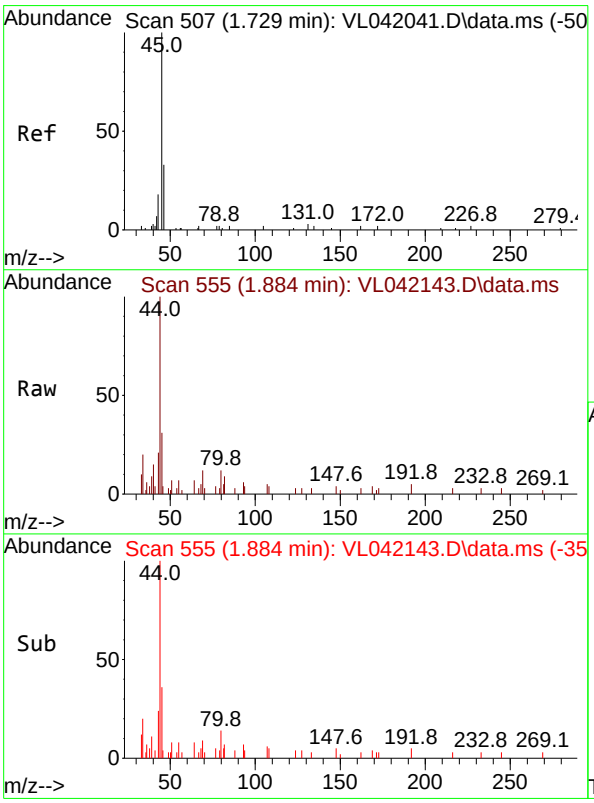
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. -0.013 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Tgt Ion: 49 Resp: 165110

Ion	Ratio	Lower	Upper
49	100		
128	42.7	21.6	64.8
130	54.0	27.8	83.4

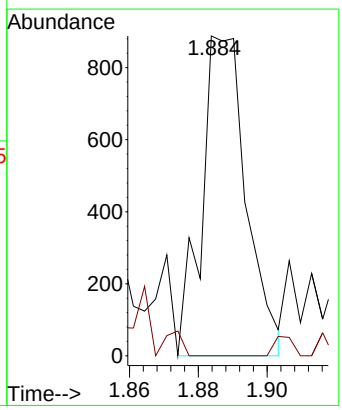


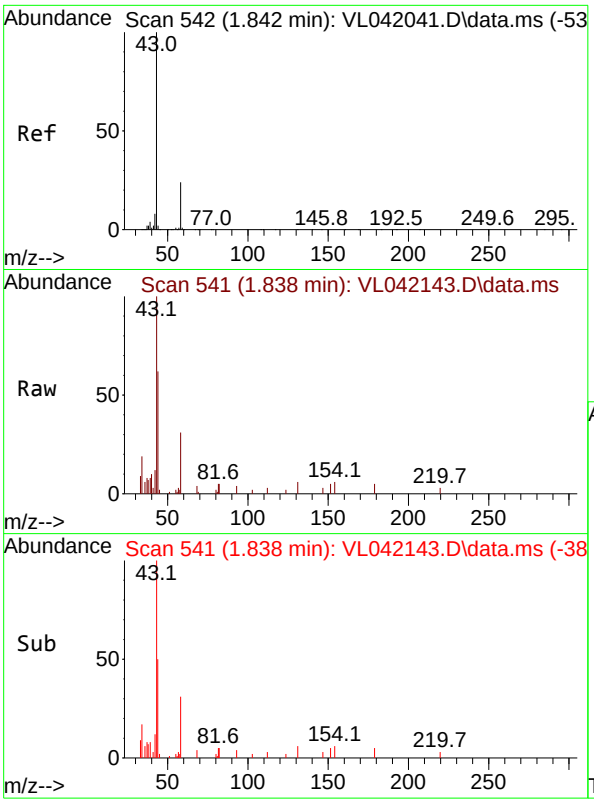


#13
Ethanol
Concen: 1.286 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.155 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Tgt Ion: 45 Resp: 798

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.1	68.3#



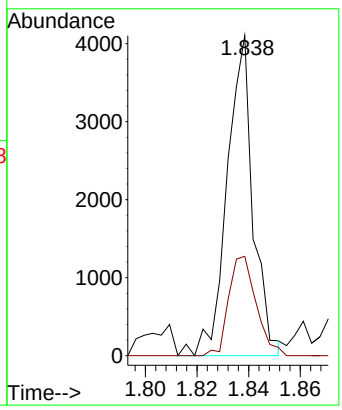


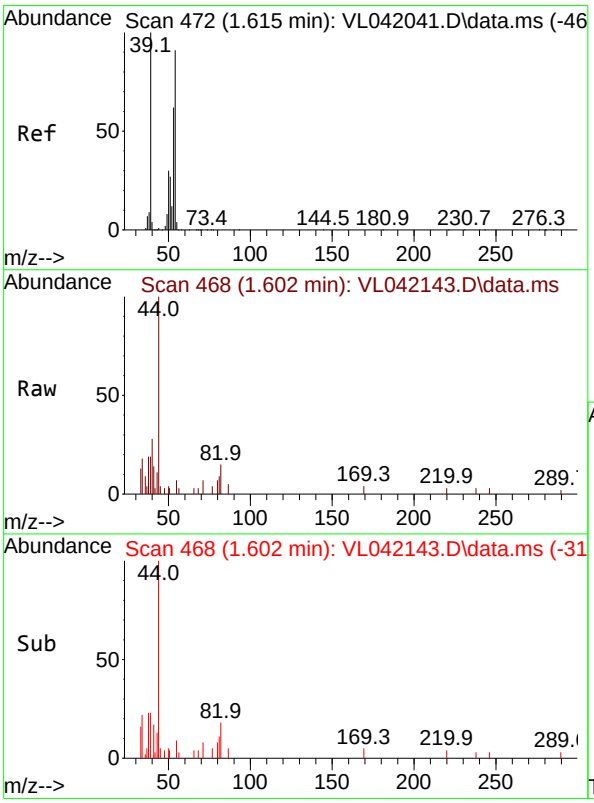
#15
Acetone
Concen: 0.197 ppbv
RT: 1.838 min Scan# 54
Delta R.T. -0.004 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Tgt Ion: 43 Resp: 2872

Ion	Ratio	Lower	Upper
43	100		
58	32.8	20.7	31.1#

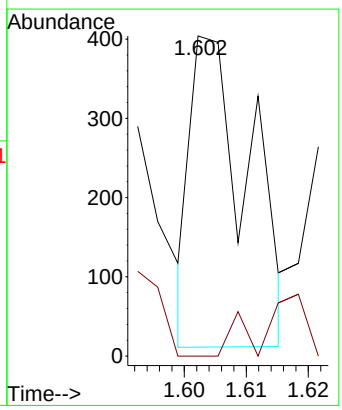


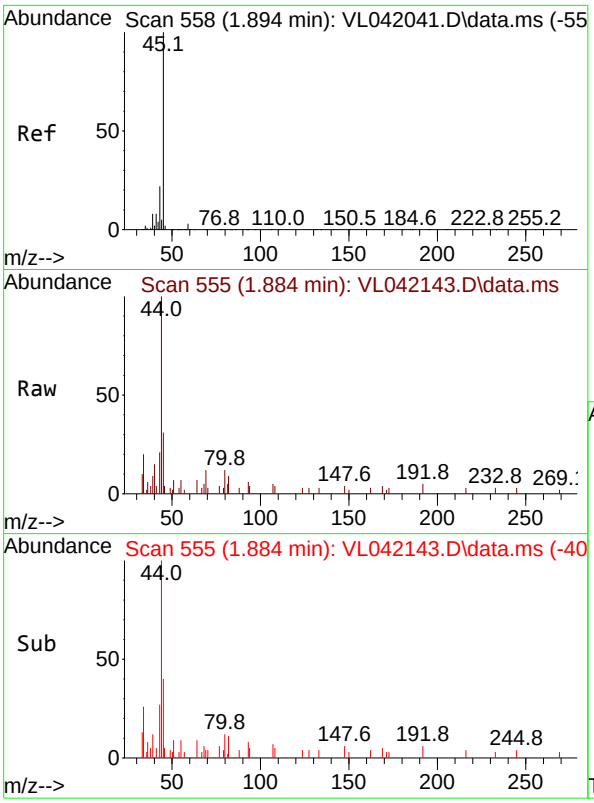


#16
1,3-Butadiene
Concen: 0.038 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.013 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Tgt Ion: 39 Resp: 256

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.6	89.4#



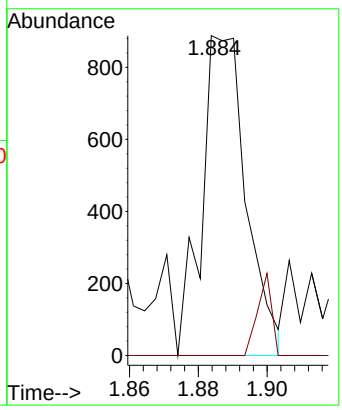


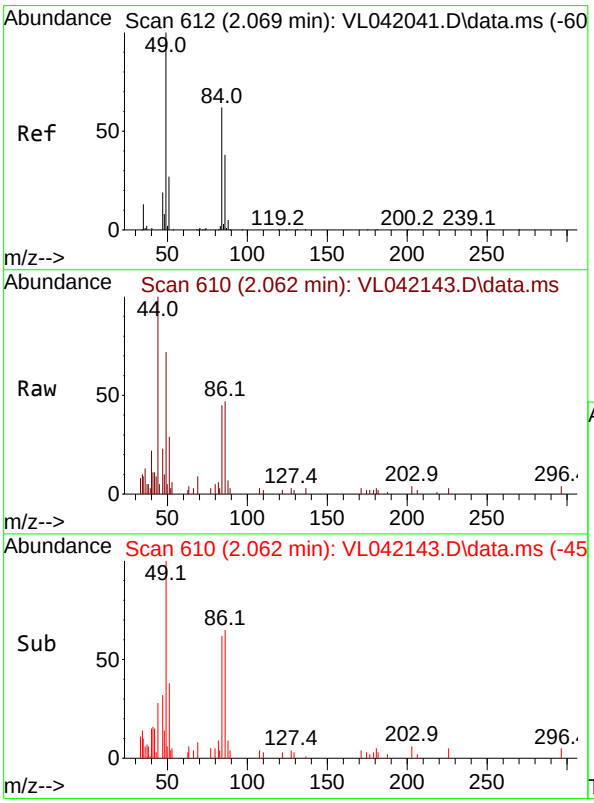
#19
Isopropyl Alcohol
Concen: 0.095 ppbv
RT: 1.884 min Scan# 5
Delta R.T. -0.010 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Tgt Ion: 45 Resp: 798

Ion	Ratio	Lower	Upper
45	100		
58	118.0	35.3	52.9#

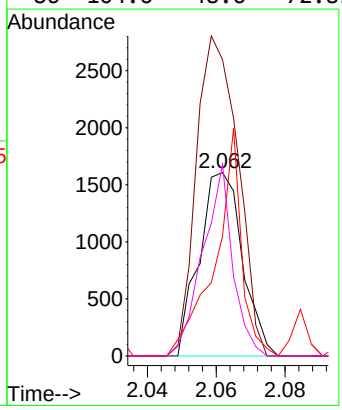


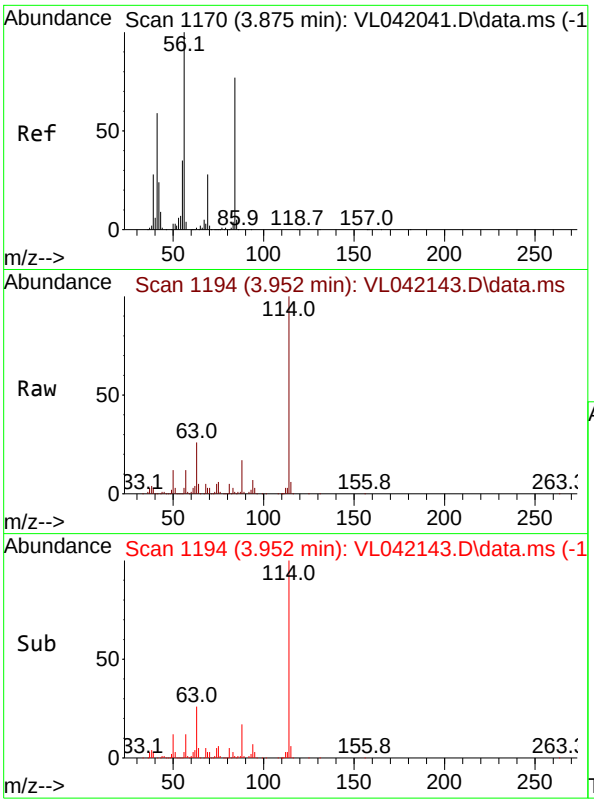


#20
Methylene Chloride
Concen: 0.255 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.007 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Tgt Ion: 84 Resp: 1404

Ion	Ratio	Lower	Upper
84	100		
49	172.0	130.0	195.0
51	65.3	37.4	56.0#
86	104.6	48.6	72.8#



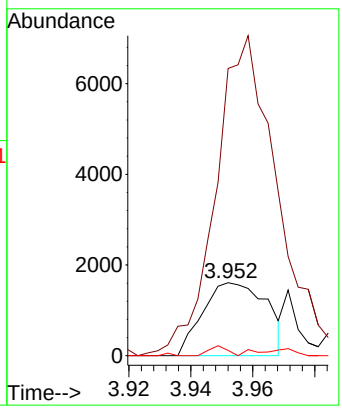


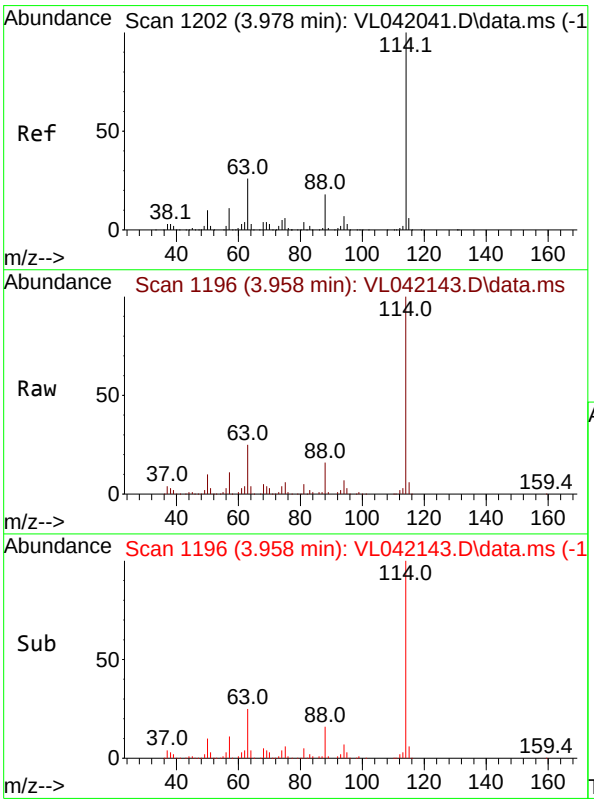
#30
Cyclohexane
Concen: 0.120 ppbv
RT: 3.952 min Scan# 11
Delta R.T. 0.077 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Tgt Ion: 84 Resp: 2302

Ion	Ratio	Lower	Upper
84	100		
56	427.9	101.5	152.3#
41	9.6	62.6	93.8#

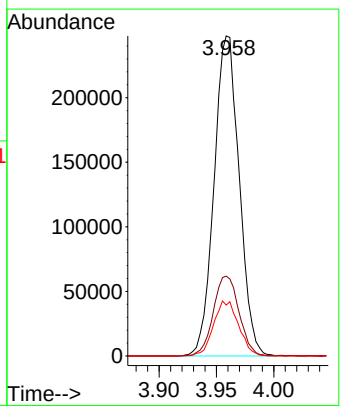


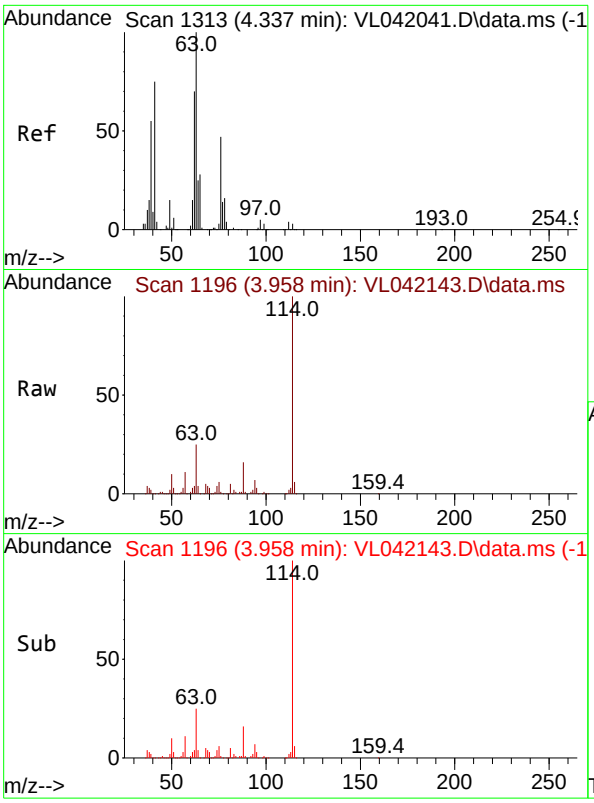


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.958 min Scan# 1196
Delta R.T. -0.020 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Tgt Ion:114 Resp: 377773

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.1	30.1
88	17.1	14.3	21.5



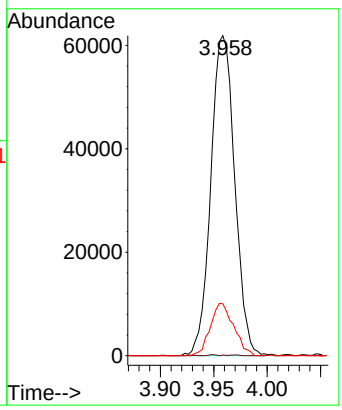


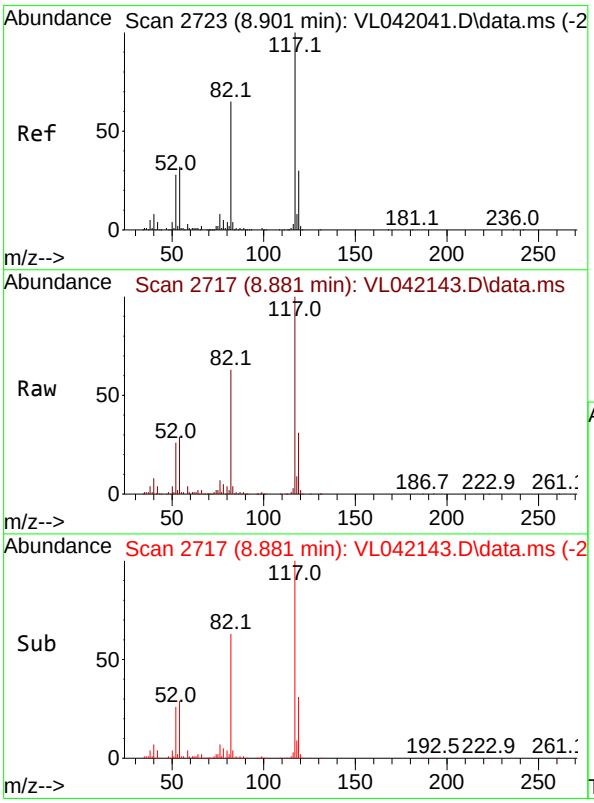
#39
1,2-Dichloropropane
Concen: 6.430 ppbv
RT: 3.958 min Scan# 1
Delta R.T. -0.379 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Tgt Ion: 63 Resp: 96515

Ion	Ratio	Lower	Upper
63	100		
41	0.2	60.1	90.1#
62	16.2	55.8	83.8#

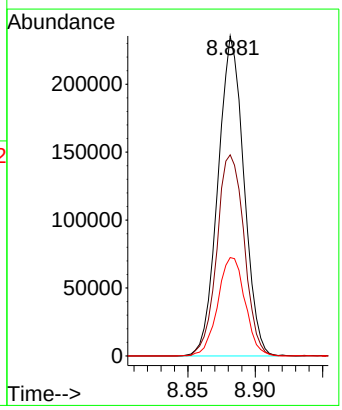


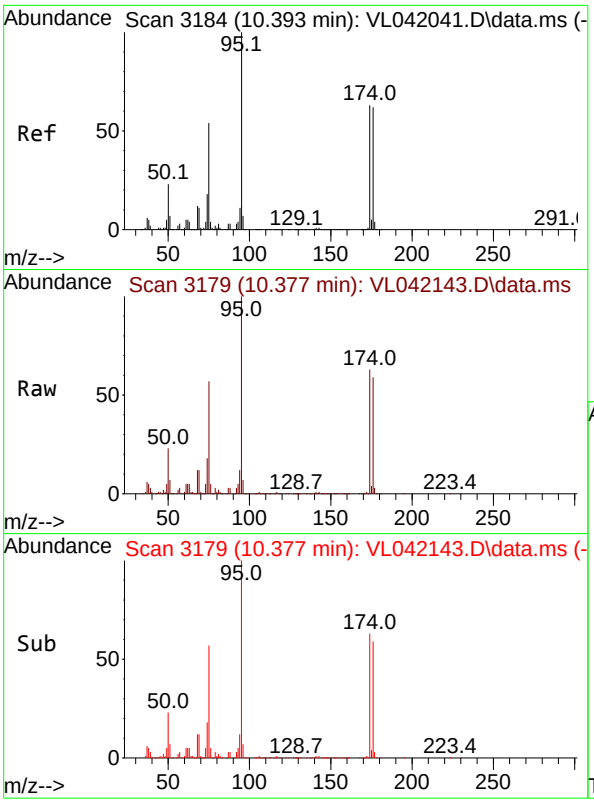


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. -0.020 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Tgt Ion:117 Resp: 315162

Ion	Ratio	Lower	Upper
117	100		
82	66.2	55.0	82.6
119	32.4	25.9	38.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.111 ppbv
RT: 10.377 min Scan# 3
Delta R.T. -0.016 min
Lab File: VL042143.D
Acq: 14 Mar 2025 10:09

Instrument :
MSVOA_L
ClientSampleId :
QC031025 CAN 10267

Tgt Ion: 95 Resp: 245153

Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.8	77.6
175	4.4	3.9	5.9