Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
Data File : VL042308.D
Acq On : 10 Apr 2025 14:51
Operator : SY/MD
Sample : QC040825 CAN 10445
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Quant Time: Apr 11 01:59:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	169533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	400917	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	344890	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	257971	9.108	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.100%			
Target Compounds						Qvalue
13) Ethanol	1.722	45	357	0.322	ppbv	# 27
15) Acetone	1.835	43	4931	0.208	ppbv	100
19) Isopropyl Alcohol	1.887	45	465	0.035	ppbv	# 1
20) Methylene Chloride	2.059	84	1396	0.158	ppbv	# 49
23) Vinyl Acetate	2.457	43	839	0.082	ppbv	# 1
30) Cyclohexane	3.949	84	4353	0.211	ppbv	# 1
39) 1,2-Dichloropropane	3.955	63	103819	7.172	ppbv	# 23

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

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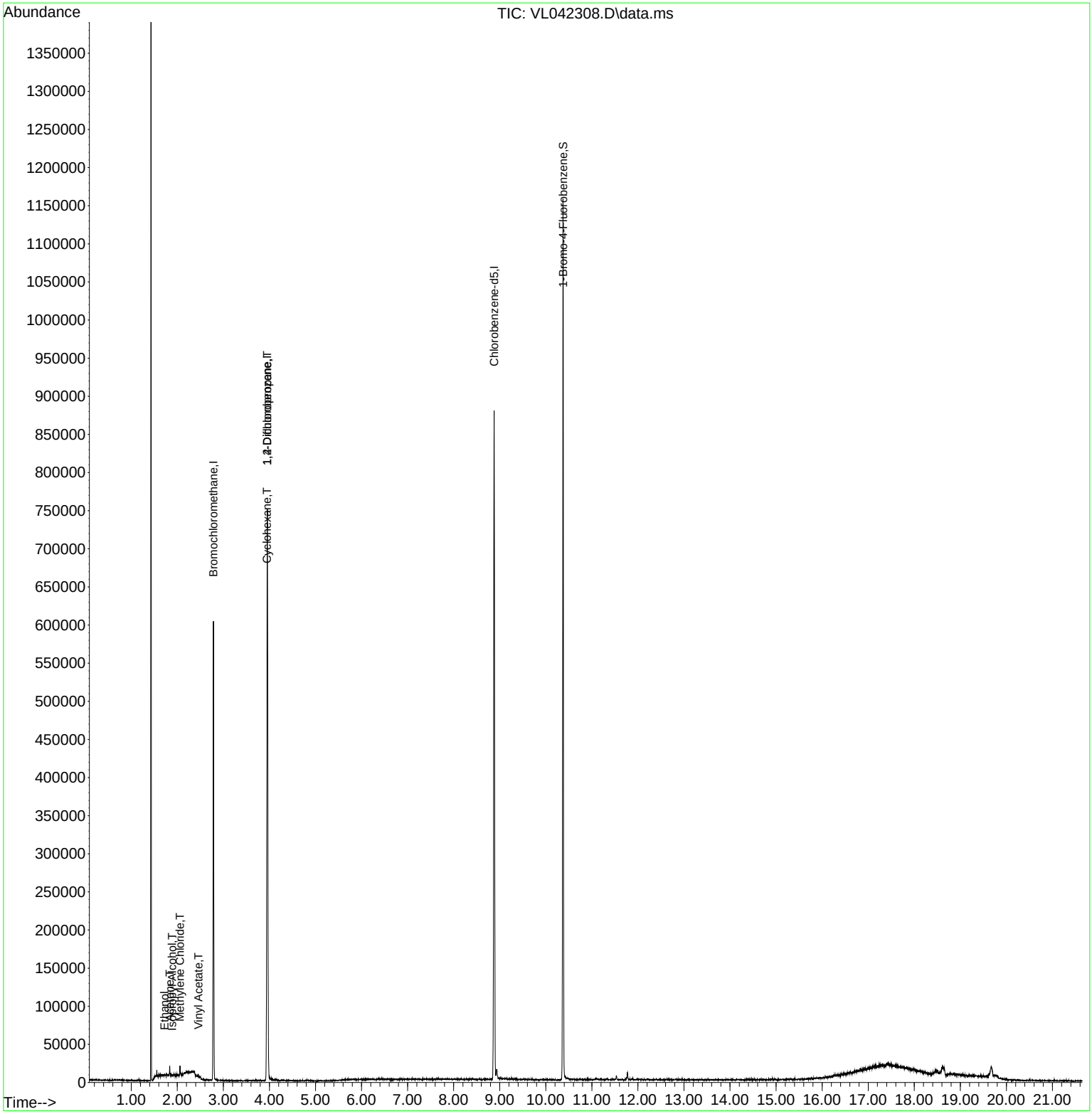
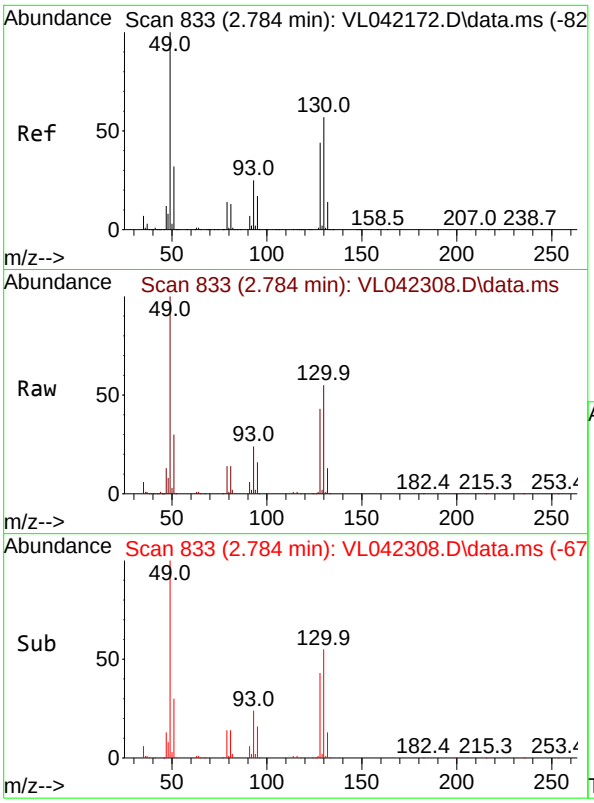


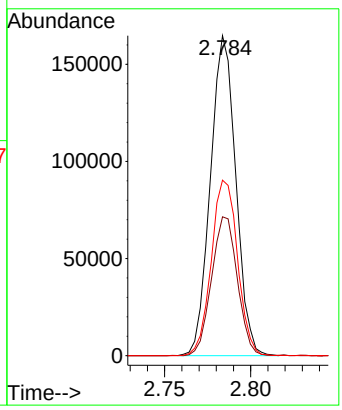


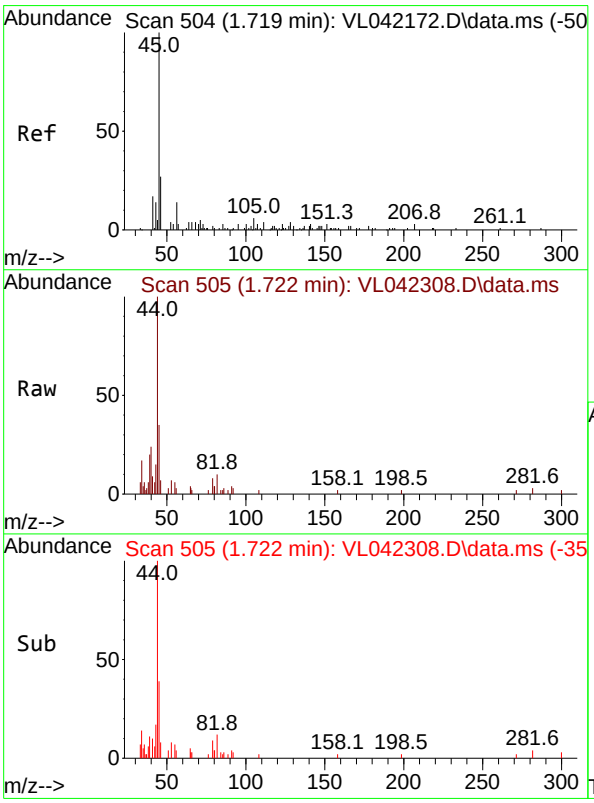
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.000 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion: 49 Resp: 169533

Ion	Ratio	Lower	Upper
49	100		
128	44.1	22.9	68.5
130	56.7	28.8	86.4

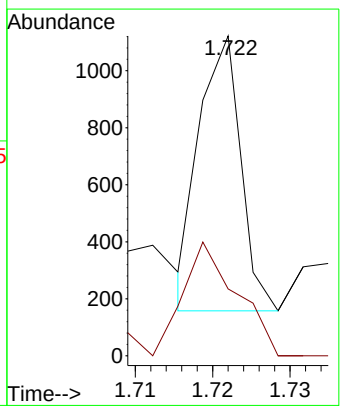


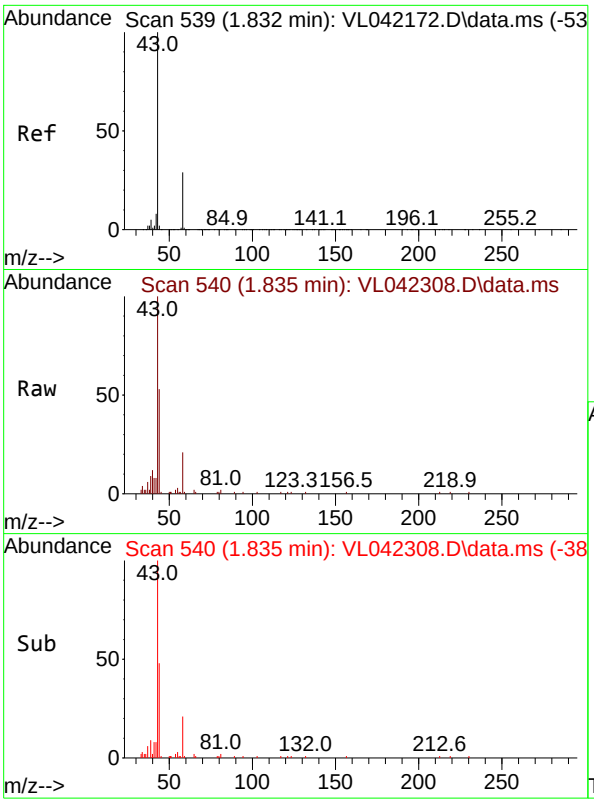


#13
Ethanol
Concen: 0.322 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Tgt Ion: 45 Resp: 357

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	80.8#



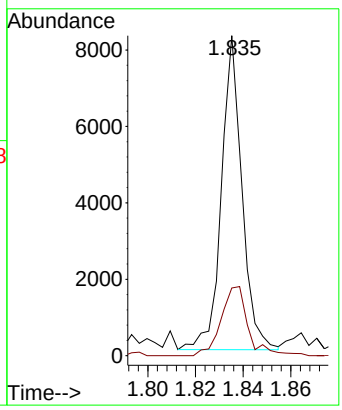


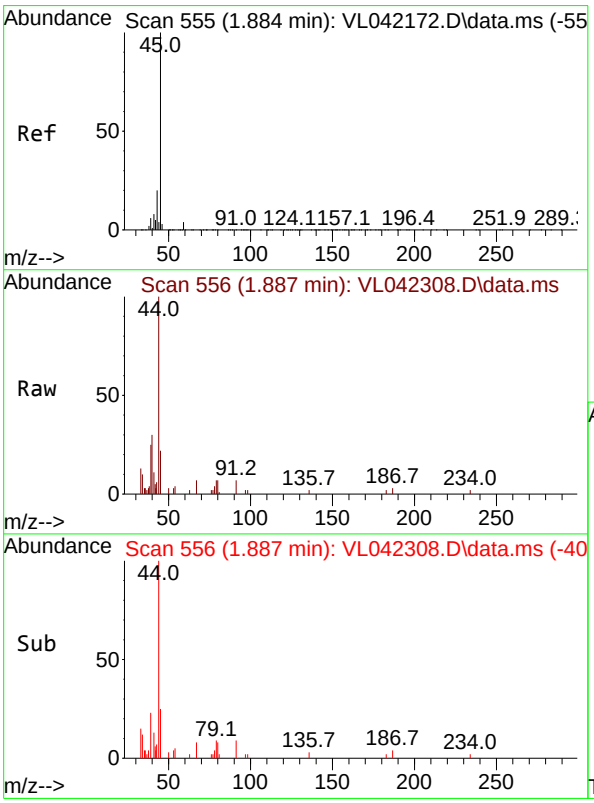
#15
Acetone
Concen: 0.208 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion: 43 Resp: 4931

Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.2	34.8

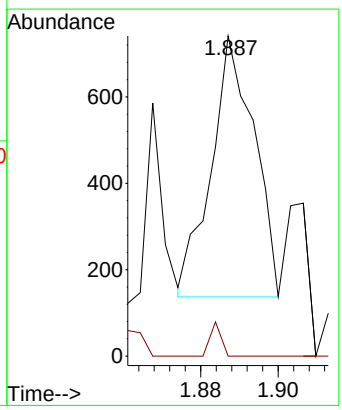


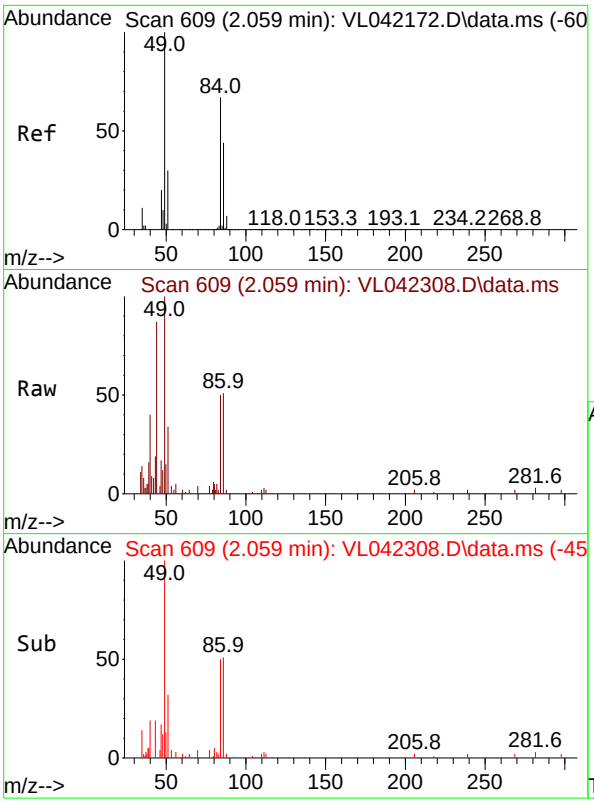


#19
Isopropyl Alcohol
Concen: 0.035 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Tgt Ion: 45 Resp: 465

Ion	Ratio	Lower	Upper
45	100		
58	306.5	36.9	55.3#



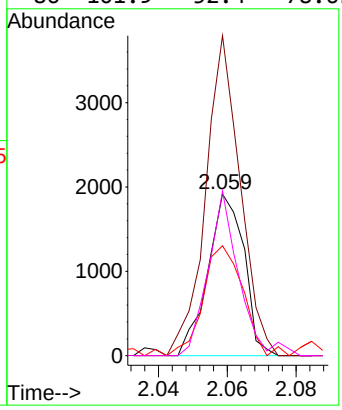


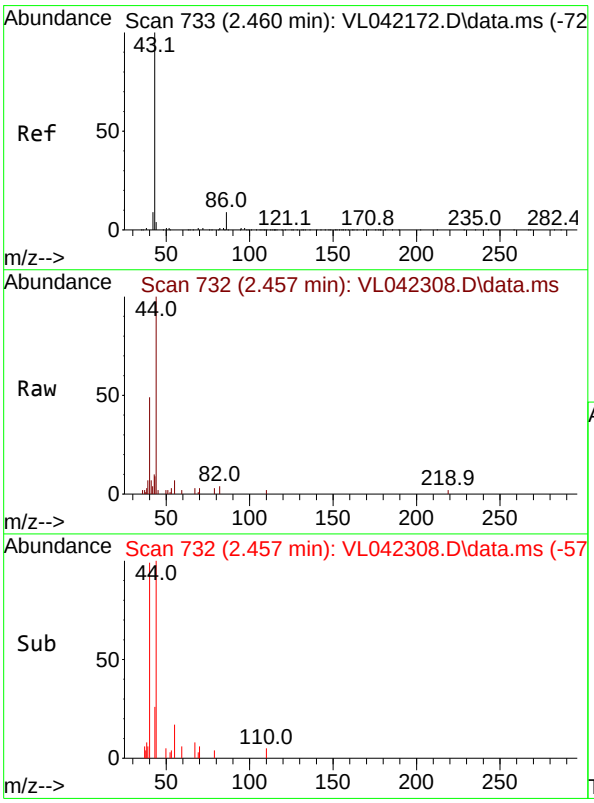
#20
Methylene Chloride
Concen: 0.158 ppbv
RT: 2.059 min Scan# 6
Delta R.T. -0.000 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion: 84 Resp: 1396

Ion	Ratio	Lower	Upper
84	100		
49	227.4	120.2	180.4#
51	62.9	37.4	56.0#
86	101.9	52.4	78.6#

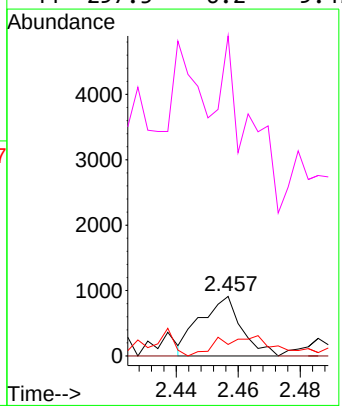


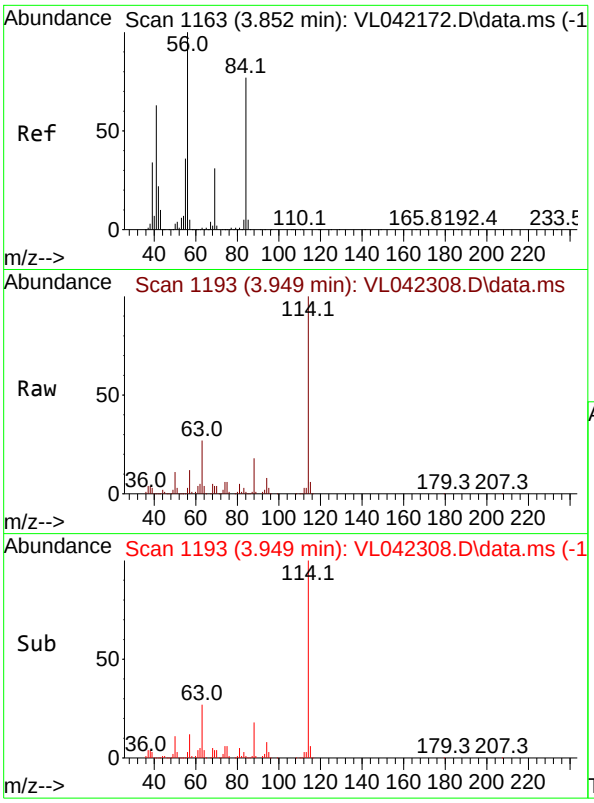


#23
Vinyl Acetate
Concen: 0.082 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.004 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Tgt Ion: 43 Resp: 839

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	60.6	8.6	13.0#
44	297.5	6.2	9.4#



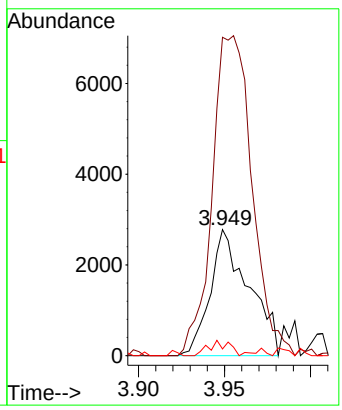


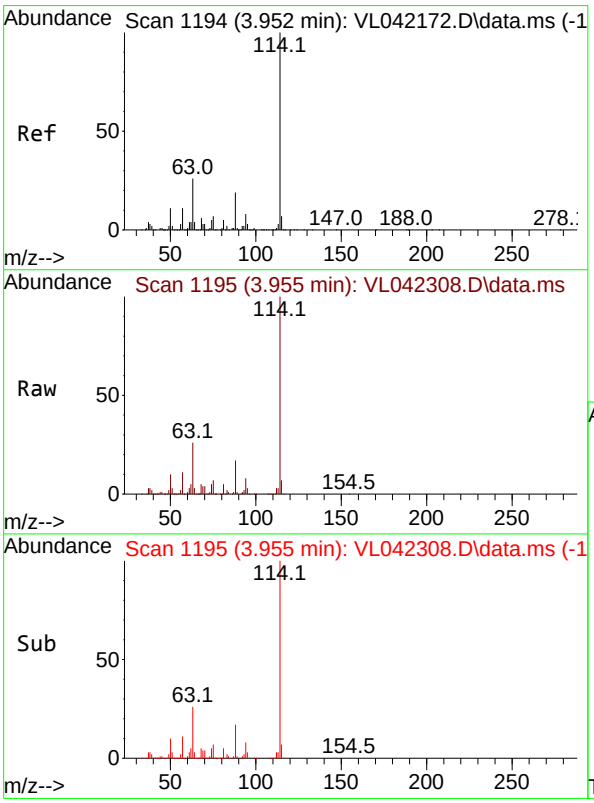
#30
Cyclohexane
Concen: 0.211 ppbv
RT: 3.949 min Scan# 11
Delta R.T. 0.097 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion: 84 Resp: 4353

Ion	Ratio	Lower	Upper
84	100		
56	263.4	102.8	154.2#
41	11.6	66.5	99.7#

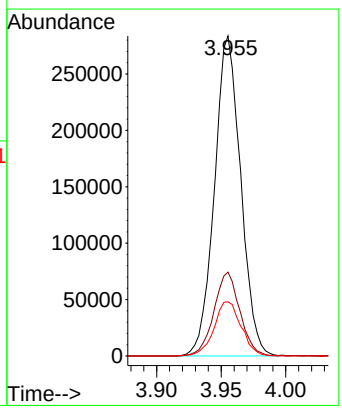


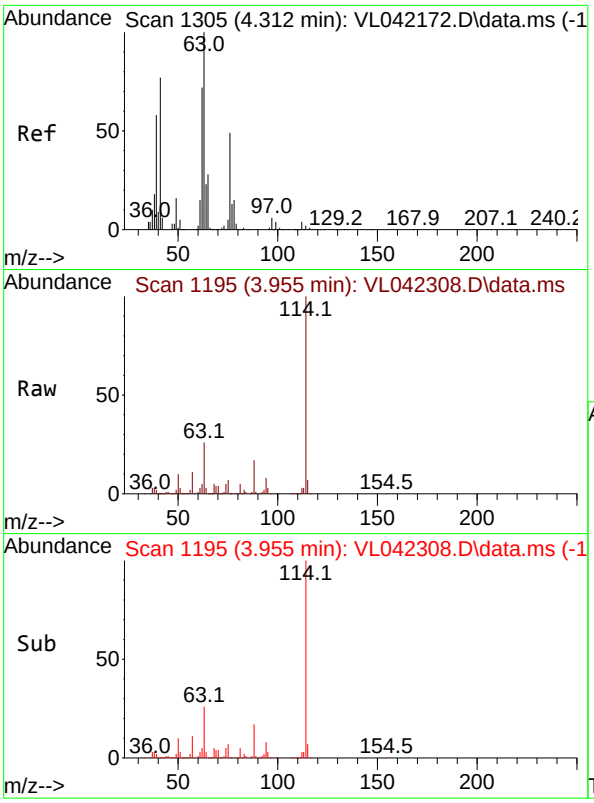


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Tgt Ion:114 Resp: 400917

Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.7	31.1
88	17.5	15.0	22.4



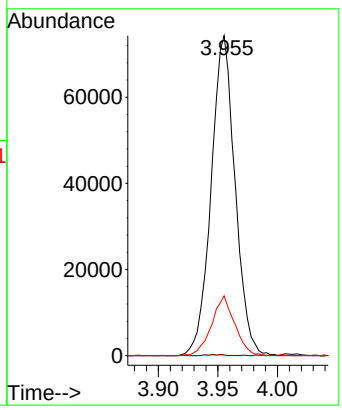


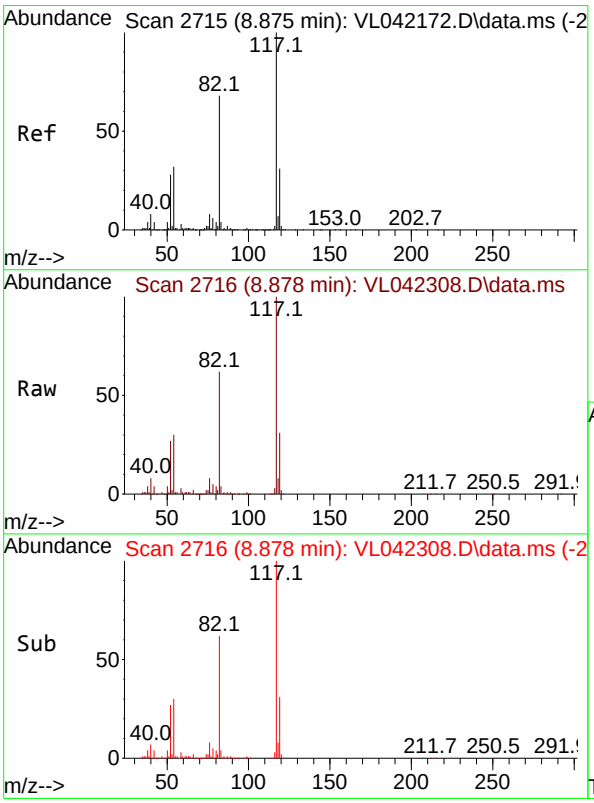
#39
1,2-Dichloropropane
Concen: 7.172 ppbv
RT: 3.955 min Scan# 11
Delta R.T. -0.356 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion: 63 Resp: 103819

Ion	Ratio	Lower	Upper
63	100		
41	0.3	61.7	92.5#
62	18.7	57.6	86.4#

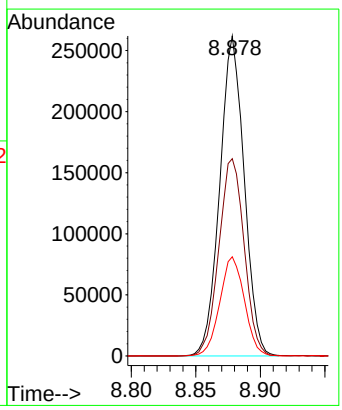


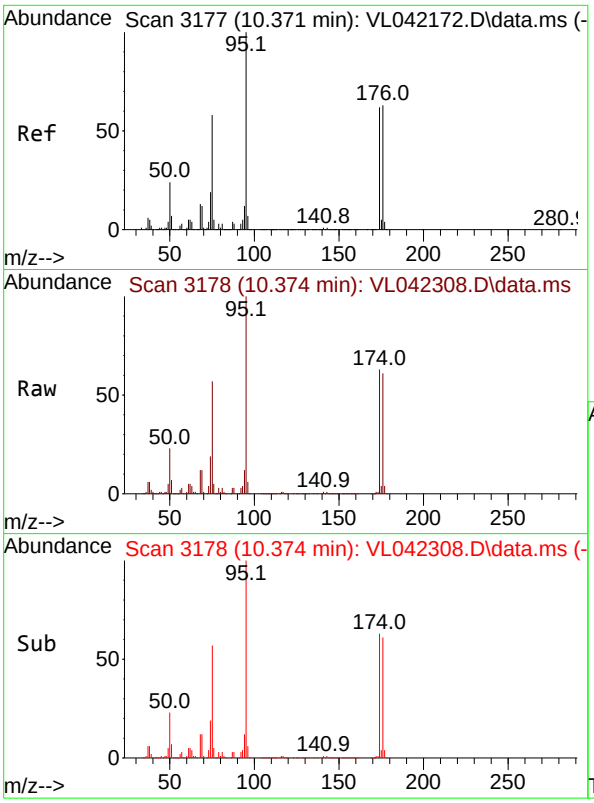


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Tgt Ion:117 Resp: 344890

Ion	Ratio	Lower	Upper
117	100		
82	63.9	55.8	83.6
119	31.3	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.108 ppbv
RT: 10.374 min Scan# 3
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion: 95 Resp: 257971

Ion	Ratio	Lower	Upper
95	100		
174	62.7	50.6	76.0
175	4.5	3.8	5.6