Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
Data File : VL042063.D
Acq On : 26 Feb 2025 15:58
Operator : SY/MD
Sample : Q1419-01DL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Quant Time: Feb 27 00:31:38 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	2.797	49	147879	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	337148	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	289440	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	222811	10.006	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.100%			
Target Compounds						Qvalue
9) Propene	1.486	41	666	0.076	ppbv #	80
13) Ethanol	1.434	45	77175	138.849	ppbv	88
15) Acetone	1.842	43	3433	0.263	ppbv	92
19) Isopropyl Alcohol	1.434	45	77175	10.288	ppbv #	32
20) Methylene Chloride	2.072	84	1052	0.213	ppbv #	54
34) 2-Butanone	2.577	43	1963	0.075	ppbv	98
39) 1,2-Dichloropropane	3.975	63	91866	6.858	ppbv #	23
52) Tetrachloroethene	8.241	164	52492	4.344	ppbv	96

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

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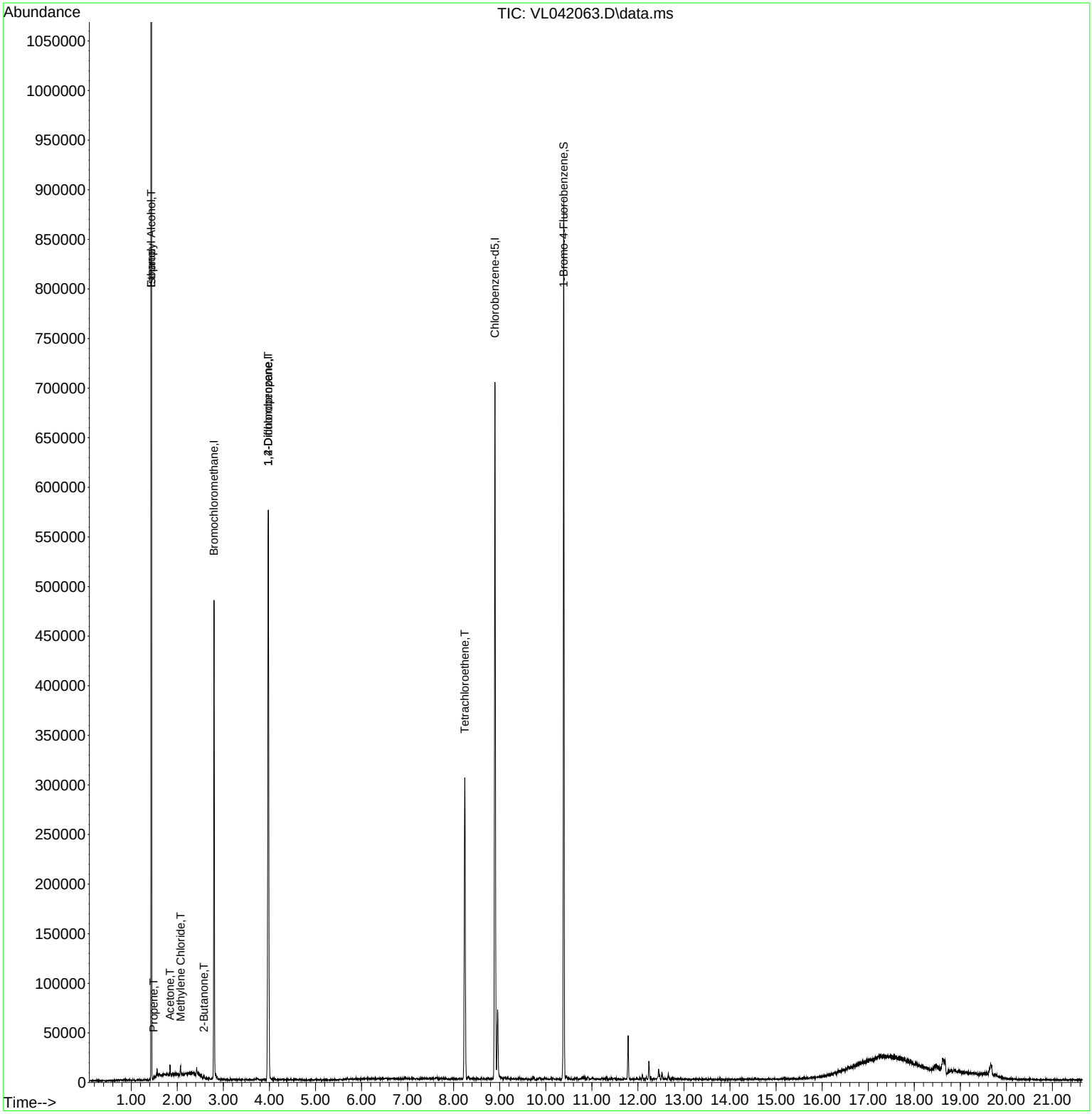
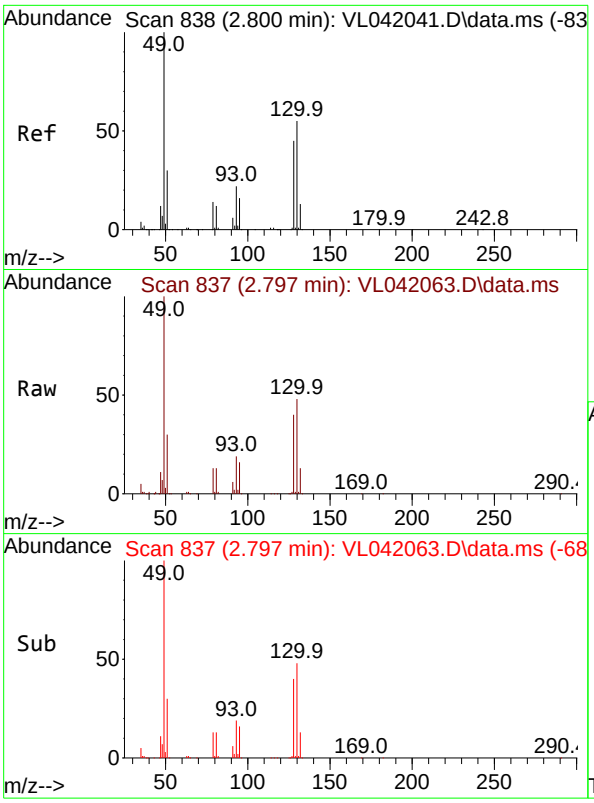


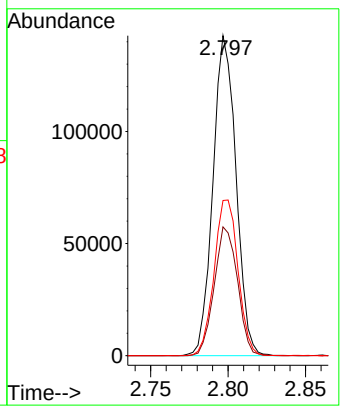


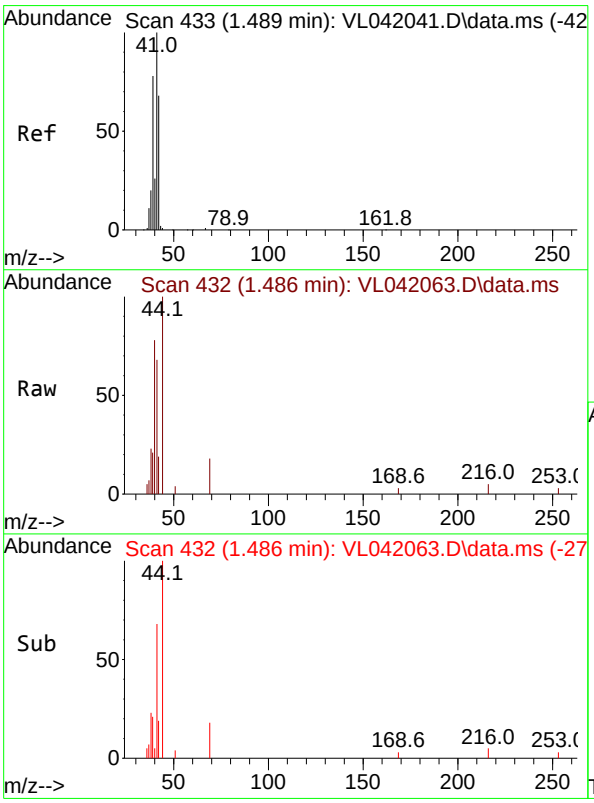
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 49 Resp: 147879

Ion	Ratio	Lower	Upper
49	100		
128	40.6	21.6	64.8
130	50.4	27.8	83.4

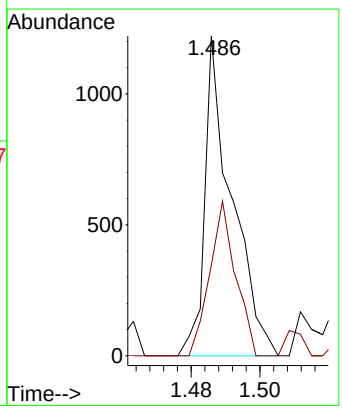


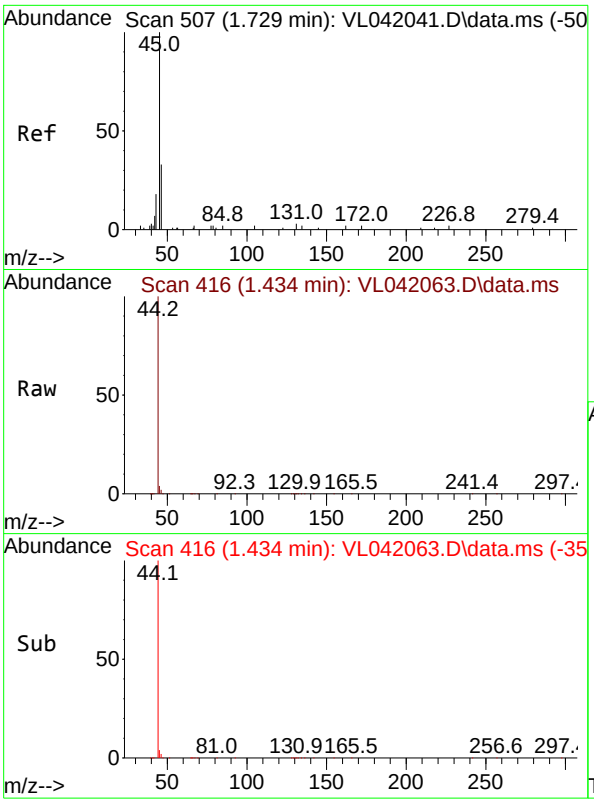


#9
Propene
Concen: 0.076 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Tgt Ion: 41 Resp: 666

Ion	Ratio	Lower	Upper
41	100		
42	53.0	55.8	83.6#



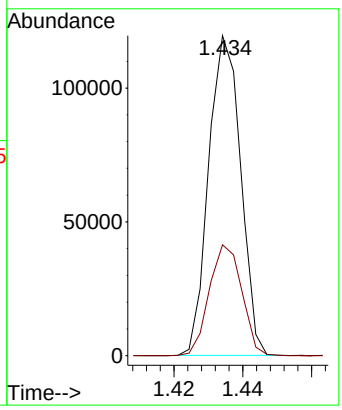


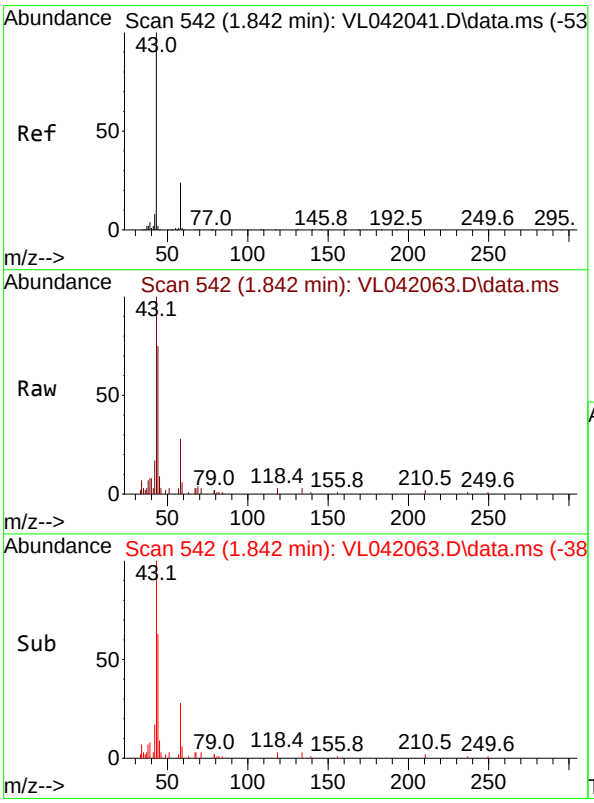
#13
Ethanol
Concen: 138.849 ppbv
RT: 1.434 min Scan# 4
Delta R.T. -0.295 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 45 Resp: 77175

Ion	Ratio	Lower	Upper
45	100		
46	35.3	17.1	68.3

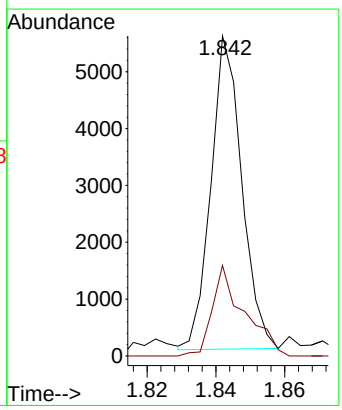


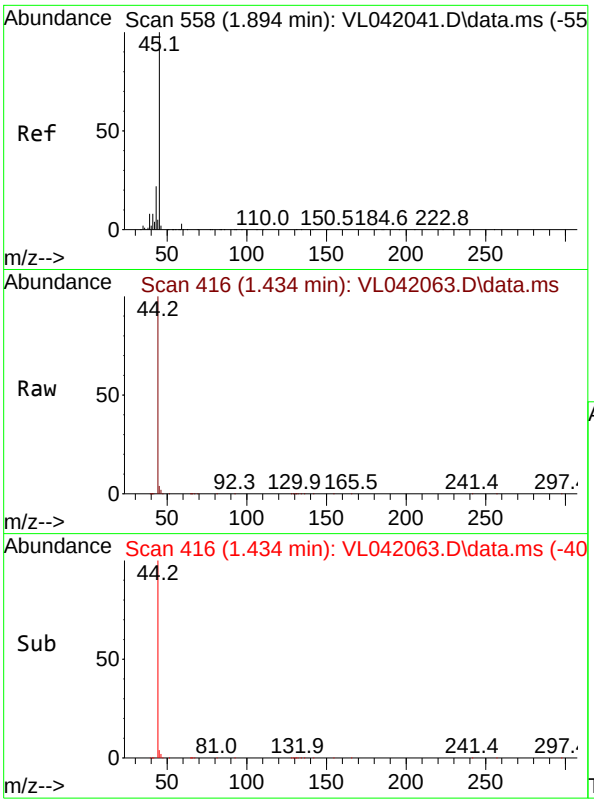


#15
Acetone
Concen: 0.263 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Tgt Ion: 43 Resp: 3433

Ion	Ratio	Lower	Upper
43	100		
58	29.8	20.7	31.1



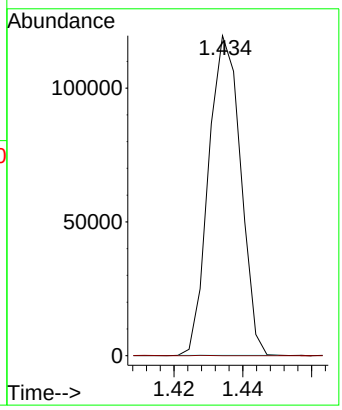


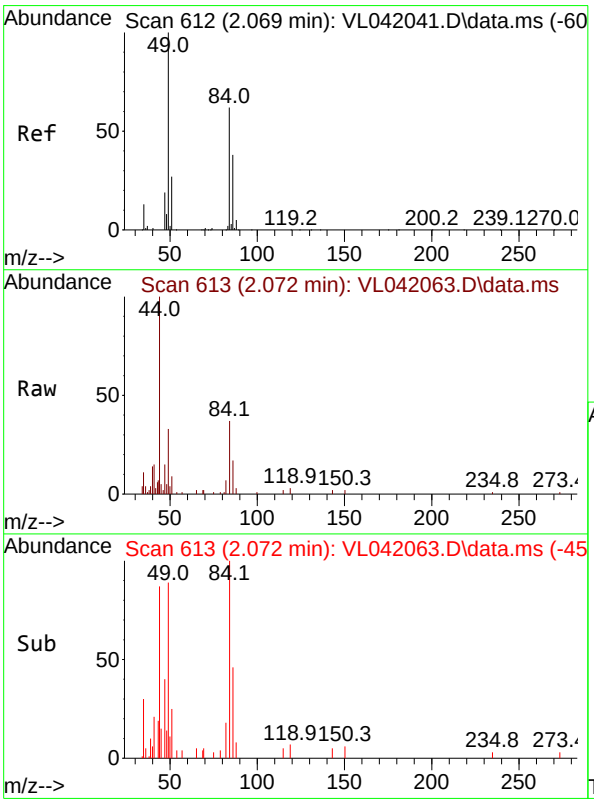
#19
Isopropyl Alcohol
Concen: 10.288 ppbv
RT: 1.434 min Scan# 4
Delta R.T. -0.460 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 45 Resp: 77175

Ion	Ratio	Lower	Upper
45	100		
58	0.1	35.3	52.9#

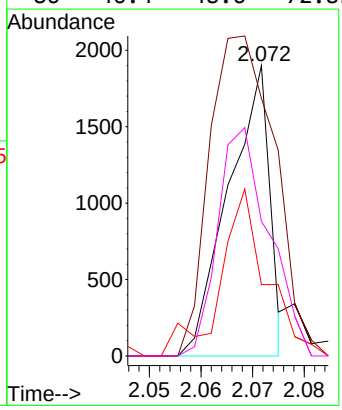


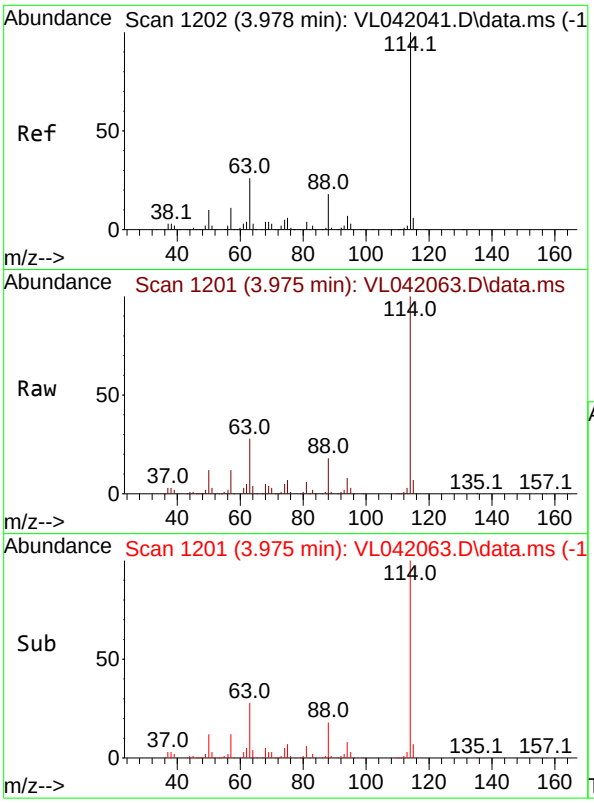


#20
Methylene Chloride
Concen: 0.213 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Tgt Ion: 84 Resp: 1052

Ion	Ratio	Lower	Upper
84	100		
49	88.7	130.0	195.0#
51	13.3	37.4	56.0#
86	46.4	48.6	72.8#



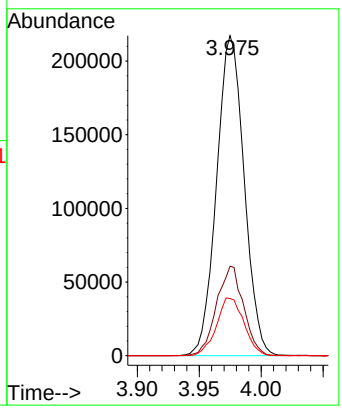


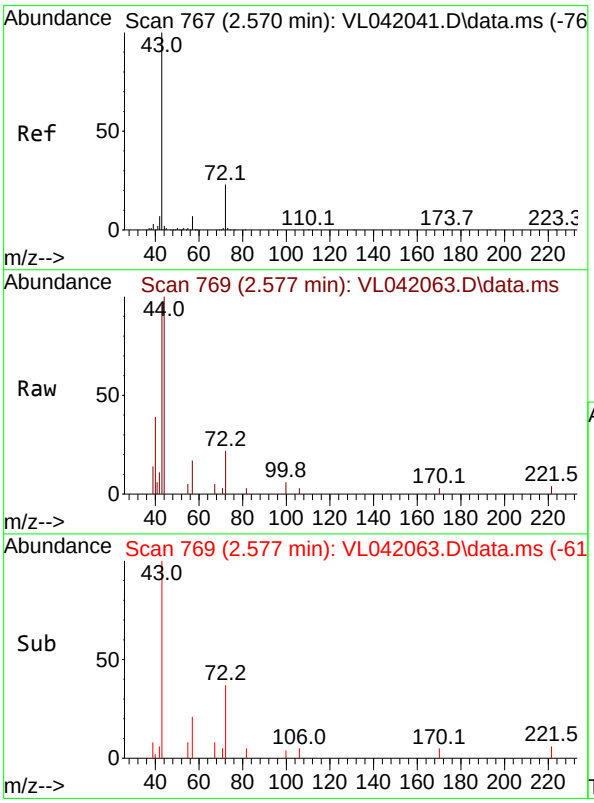
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion:114 Resp: 337148

Ion	Ratio	Lower	Upper
114	100		
63	27.4	20.1	30.1
88	18.0	14.3	21.5

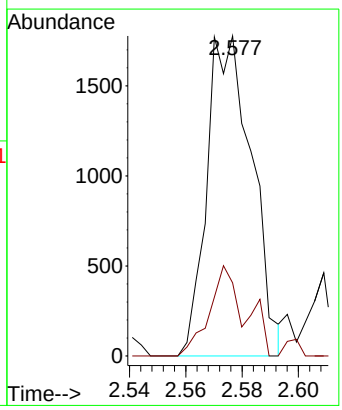


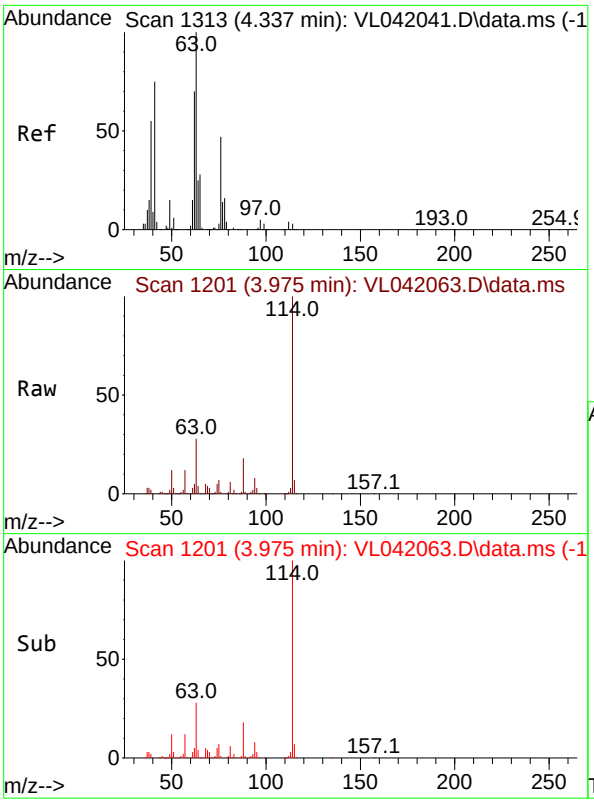


#34
2-Butanone
Concen: 0.075 ppbv
RT: 2.577 min Scan# 769
Delta R.T. 0.006 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Tgt Ion: 43 Resp: 1963

Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.5	27.7



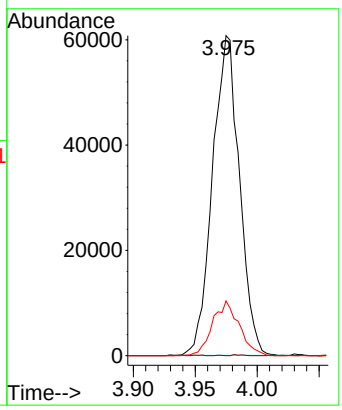


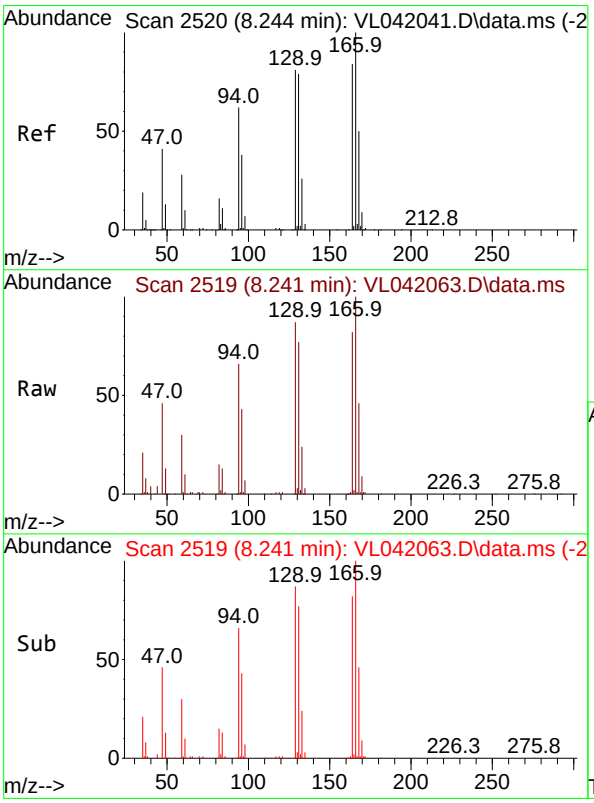
#39
1,2-Dichloropropane
Concen: 6.858 ppbv
RT: 3.975 min Scan# 1
Delta R.T. -0.363 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 63 Resp: 91866

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.1	90.1#
62	17.1	55.8	83.8#

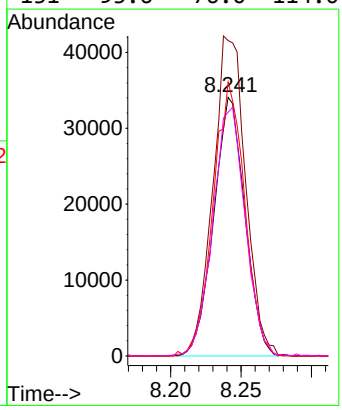


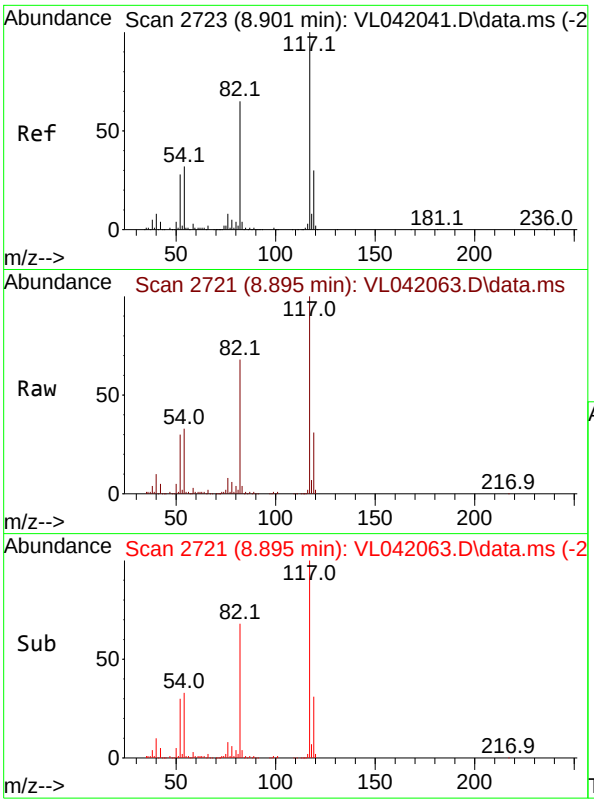


#52
Tetrachloroethene
Concen: 4.344 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Tgt Ion:164 Resp: 52492

Ion	Ratio	Lower	Upper
164	100		
166	121.8	95.7	143.5
129	105.7	77.1	115.7
131	93.6	76.0	114.0



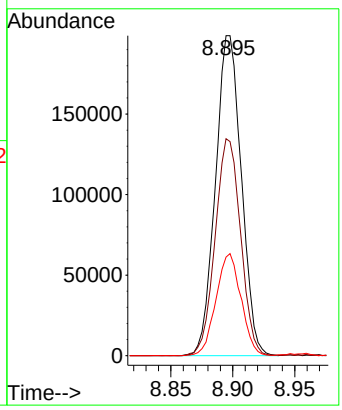


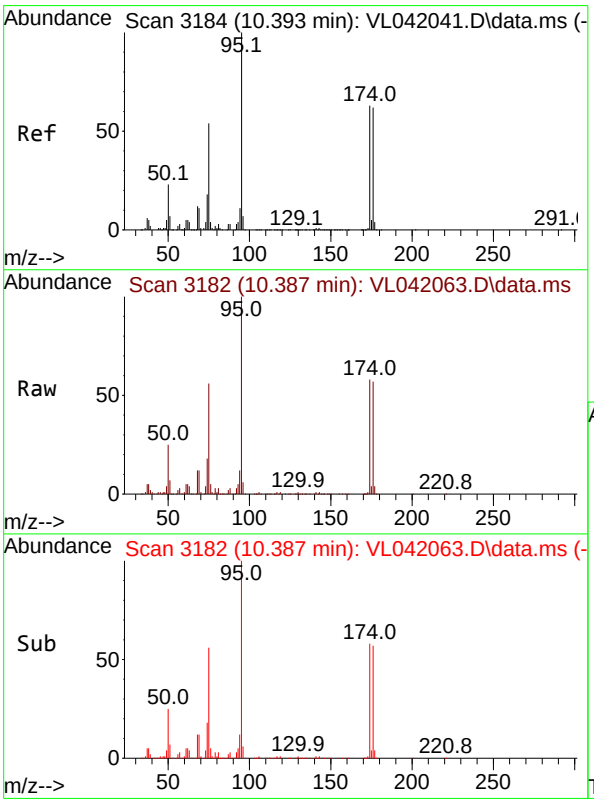
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2
Delta R.T. -0.007 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion:117 Resp: 289440

Ion	Ratio	Lower	Upper
117	100		
82	67.1	55.0	82.6
119	30.9	25.9	38.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.006 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. -0.007 min
Lab File: VL042063.D
Acq: 26 Feb 2025 15:58

Tgt Ion: 95 Resp: 222811

Ion	Ratio	Lower	Upper
95	100		
174	60.7	51.8	77.6
175	4.3	3.9	5.9