Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
Data File : VL042301.D
Acq On : 10 Apr 2025 10:11
Operator : SY/MD
Sample : VL0410ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Quant Time: Apr 11 01:55:36 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	2.781	49	176739	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	440263	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	371291	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	272765	8.946	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.500%			
Target Compounds						Qvalue
9) Propene	1.479	41	415	0.034	ppbv	91
13) Ethanol	1.842	45	359	0.311	ppbv #	27
15) Acetone	1.832	43	6954	0.281	ppbv #	87
16) 1,3-Butadiene	1.596	39	1861	0.154	ppbv #	30
19) Isopropyl Alcohol	1.884	45	907	0.065	ppbv #	54
20) Methylene Chloride	2.056	84	1535	0.167	ppbv #	70
23) Vinyl Acetate	2.444	43	690	0.064	ppbv #	1
34) 2-Butanone	2.560	43	1339	0.042	ppbv	97
39) 1,2-Dichloropropane	3.946	63	113228	7.123	ppbv #	23

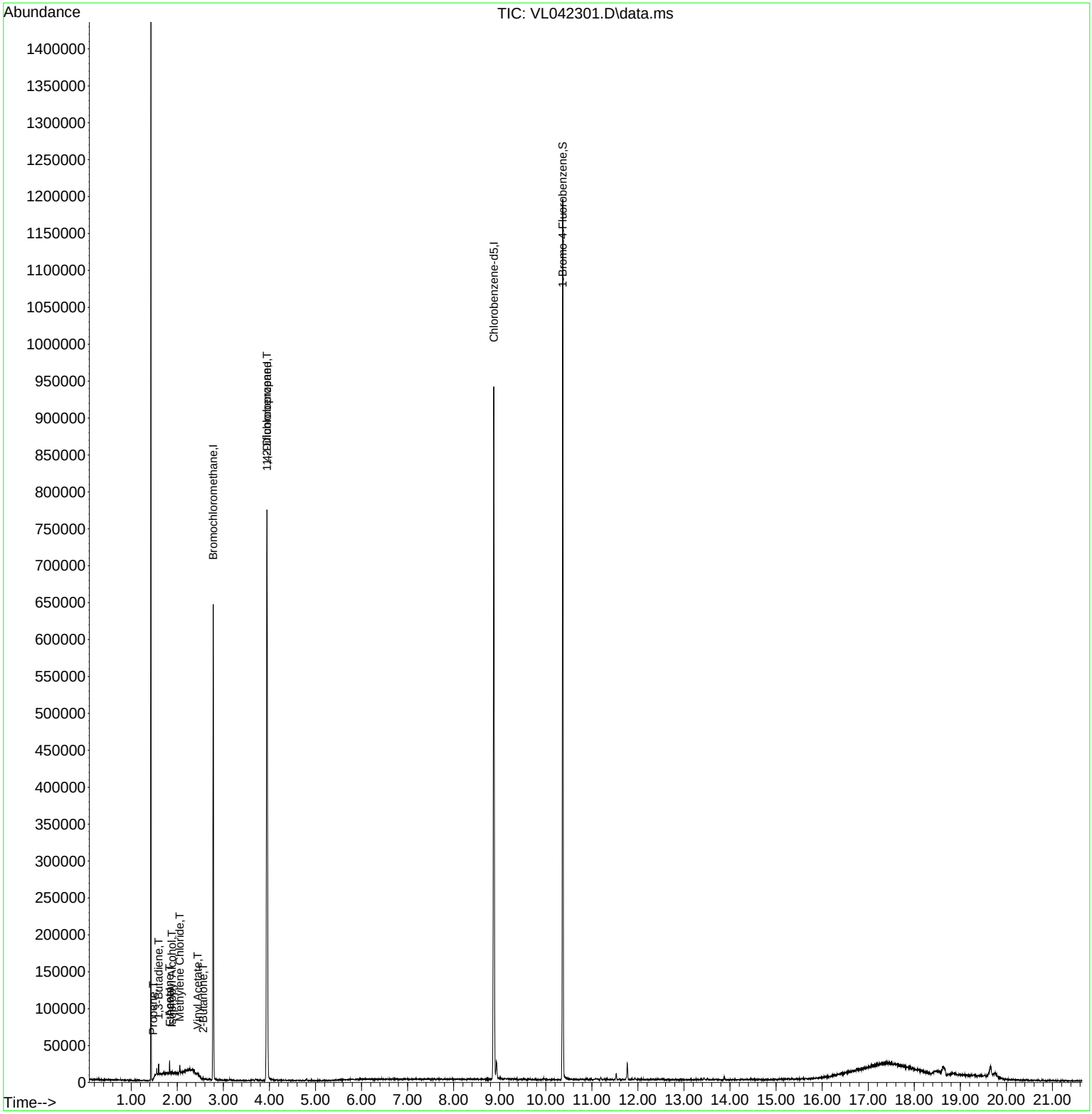
(#) = qualifier out of range (m) = manual integration (+) = signals summed

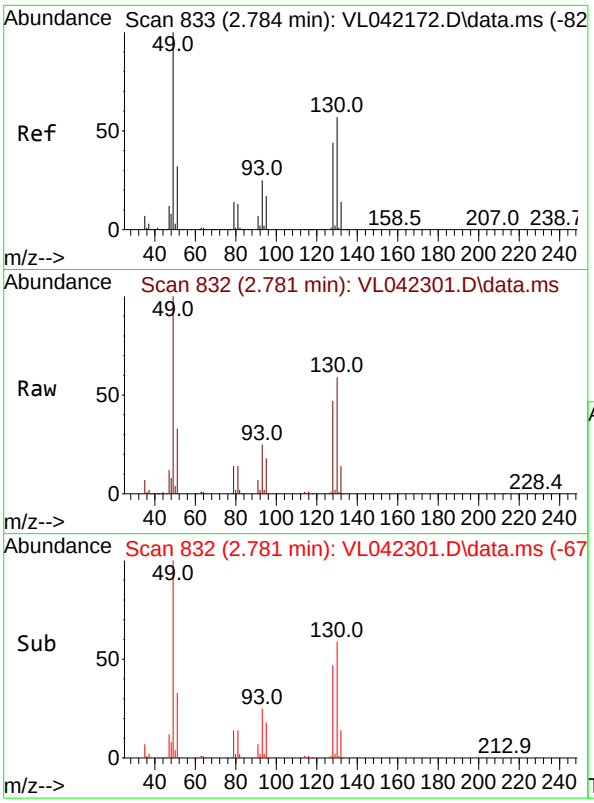
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
Data File : VL042301.D
Acq On : 10 Apr 2025 10:11
Operator : SY/MD
Sample : VL0410ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Quant Time: Apr 11 01:55:36 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



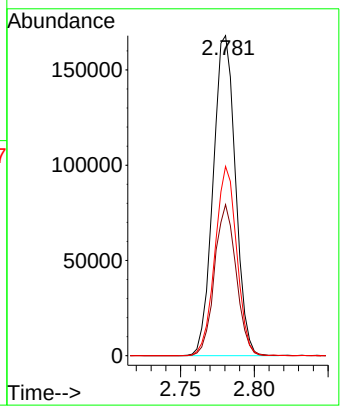


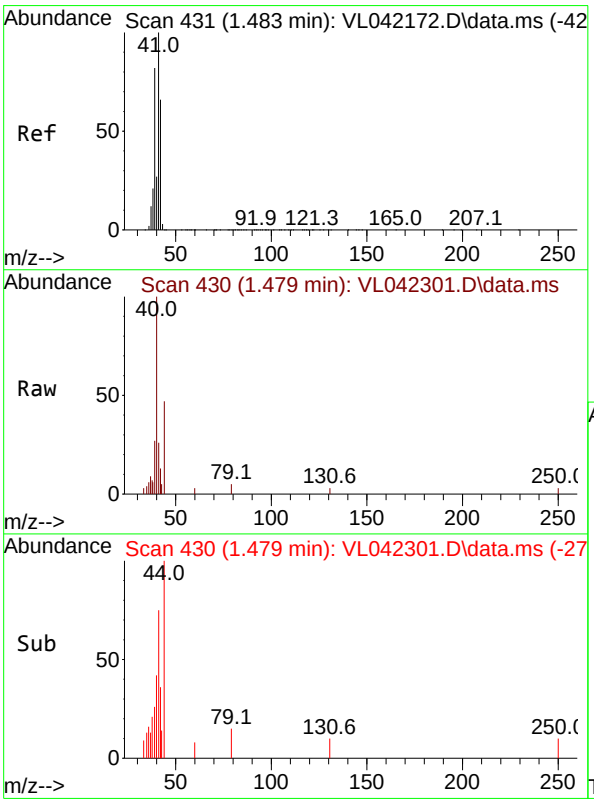
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion: 49 Resp: 176739

Ion	Ratio	Lower	Upper
49	100		
128	45.8	22.9	68.5
130	57.7	28.8	86.4

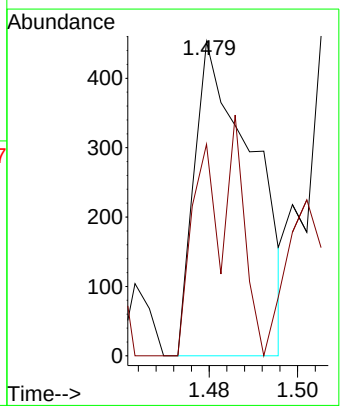


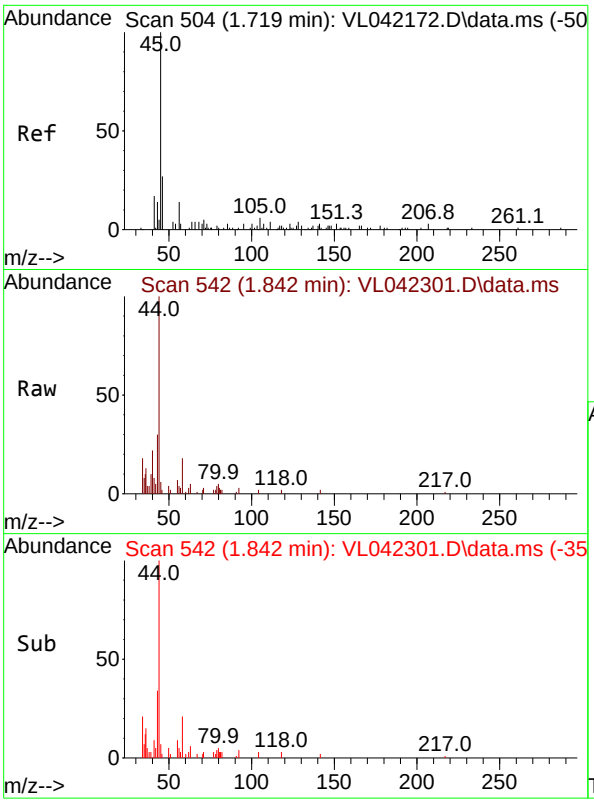


#9
Propene
Concen: 0.034 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 41 Resp: 415

Ion	Ratio	Lower	Upper
41	100		
42	61.9	55.4	83.2



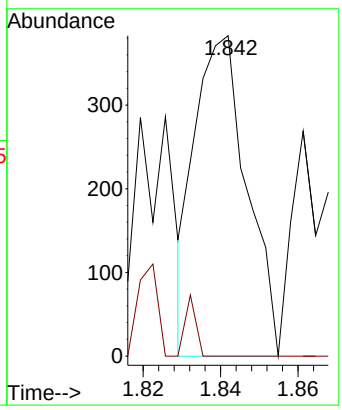


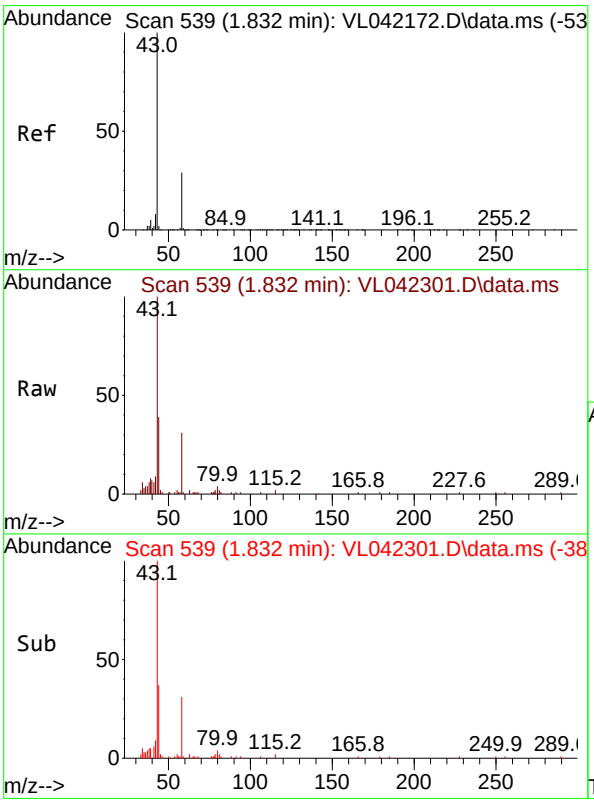
#13
Ethanol
Concen: 0.311 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.123 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion: 45 Resp: 359

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	80.8#

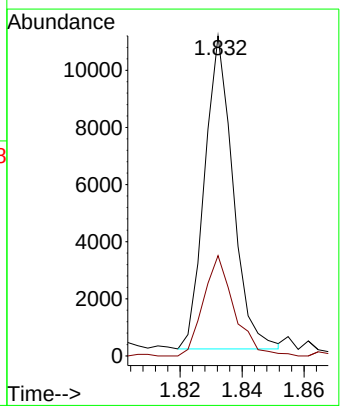


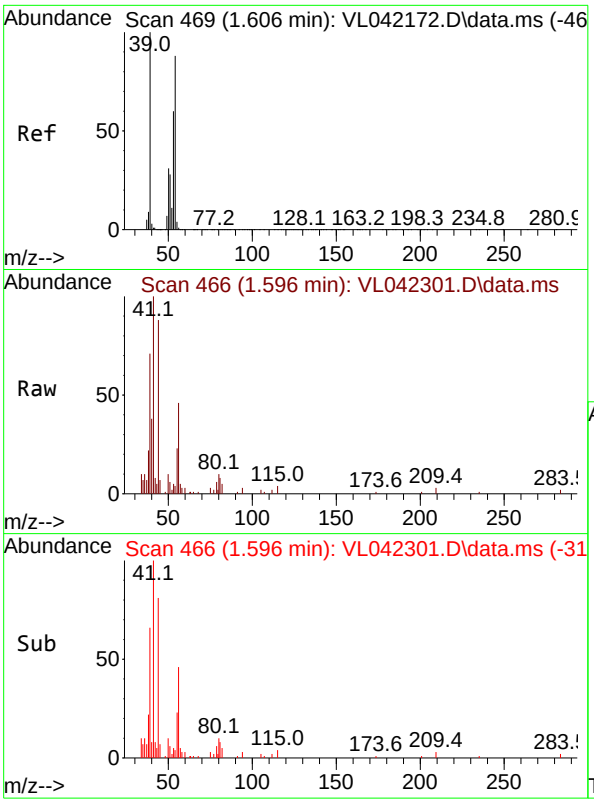


#15
Acetone
Concen: 0.281 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.000 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 43 Resp: 6954

Ion	Ratio	Lower	Upper
43	100		
58	35.7	23.2	34.8#



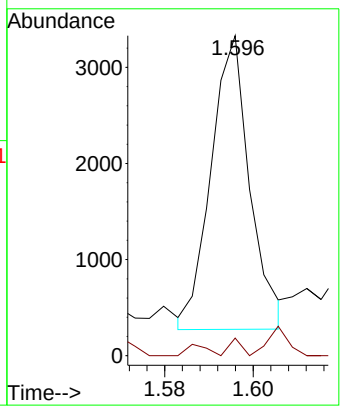


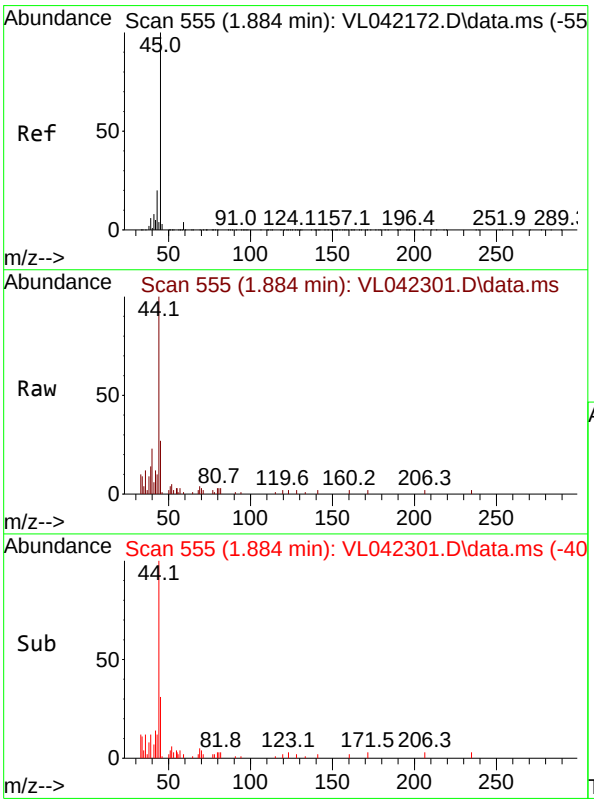
#16
1,3-Butadiene
Concen: 0.154 ppbv
RT: 1.596 min Scan# 4
Delta R.T. -0.010 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion: 39 Resp: 1861

Ion	Ratio	Lower	Upper
39	100		
54	15.5	60.7	91.1#

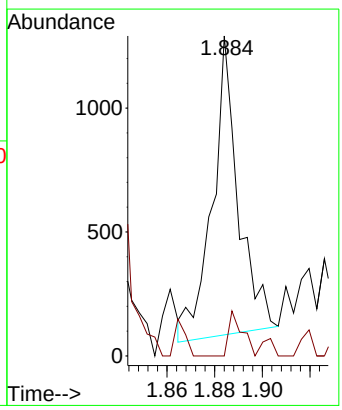


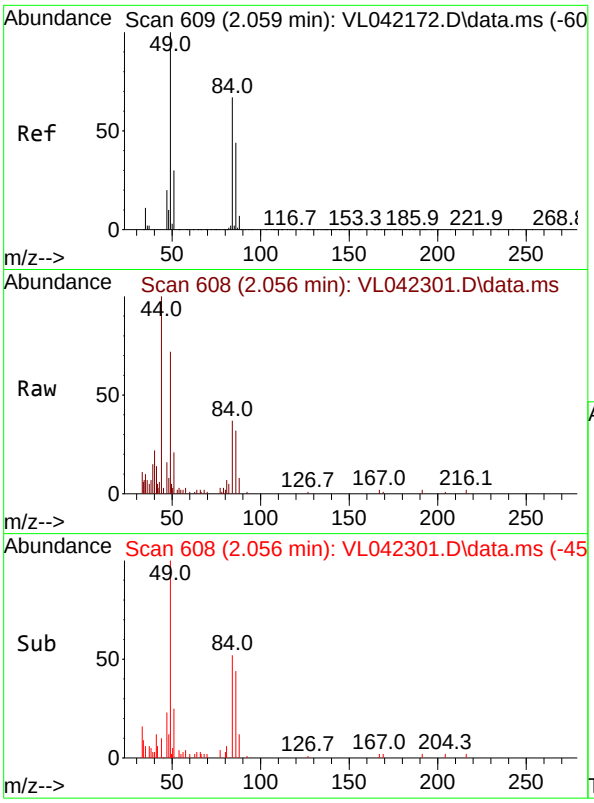


#19
Isopropyl Alcohol
Concen: 0.065 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 45 Resp: 907

Ion	Ratio	Lower	Upper
45	100		
58	15.5	36.9	55.3#



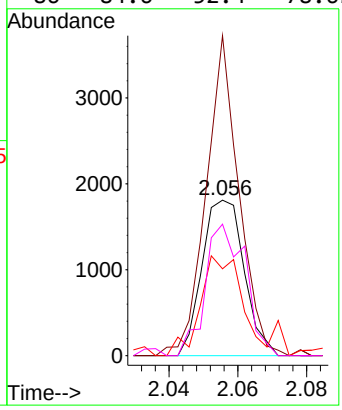


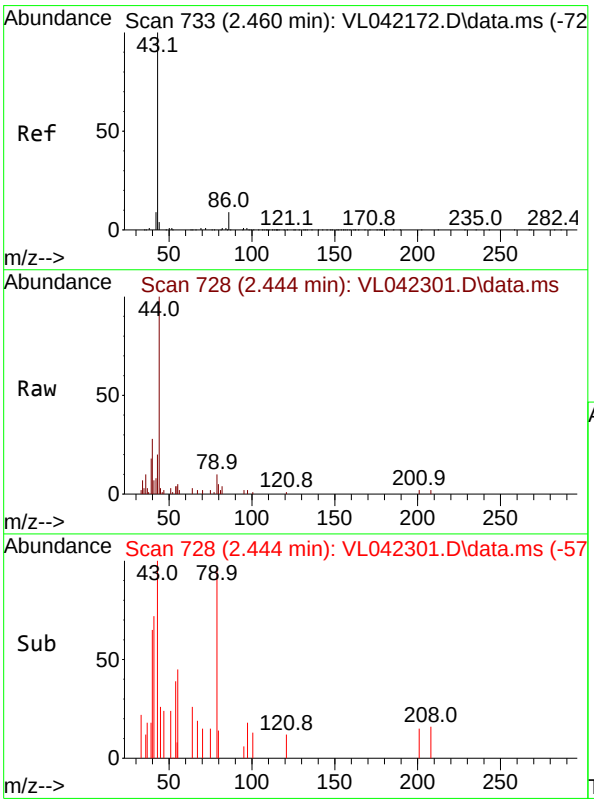
#20
Methylene Chloride
Concen: 0.167 ppbv
RT: 2.056 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion: 84 Resp: 1535

Ion	Ratio	Lower	Upper
84	100		
49	202.3	120.2	180.4#
51	44.0	37.4	56.0
86	84.6	52.4	78.6#

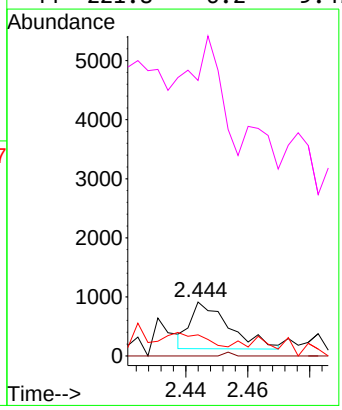


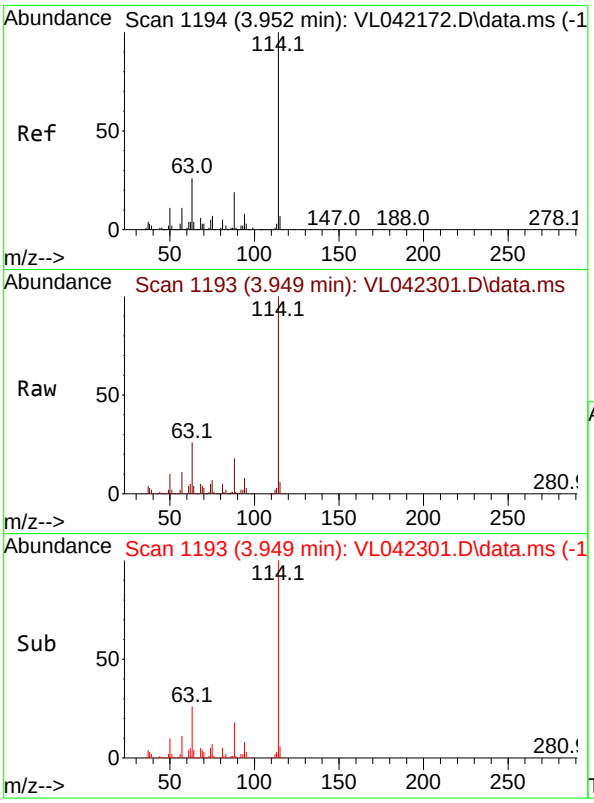


#23
Vinyl Acetate
Concen: 0.064 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.016 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 43 Resp: 690

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	8.2	8.6	13.0#
44	221.8	6.2	9.4#



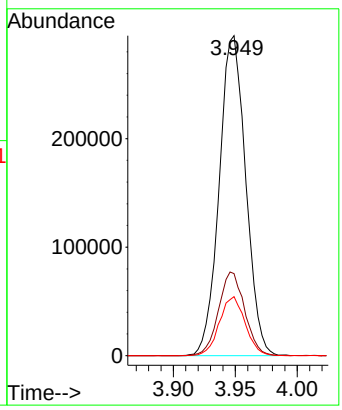


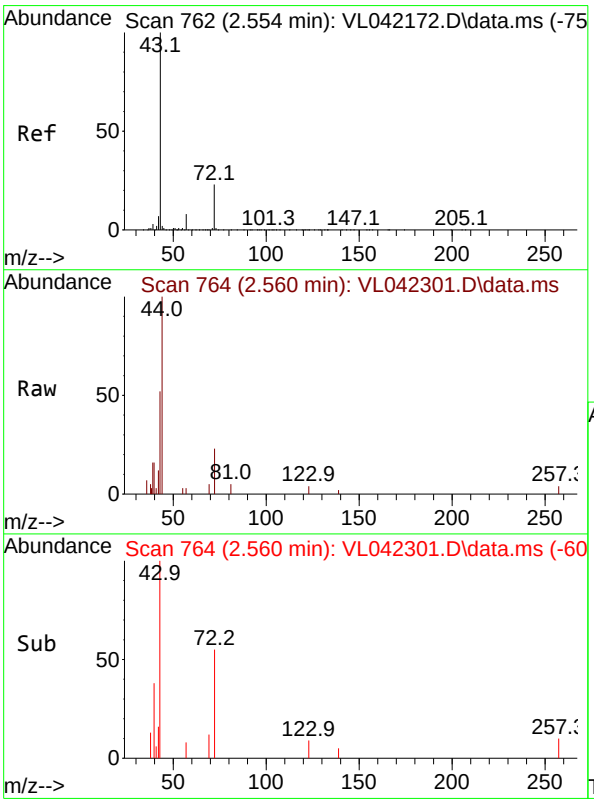
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion:114 Resp: 440263

Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.7	31.1
88	17.9	15.0	22.4

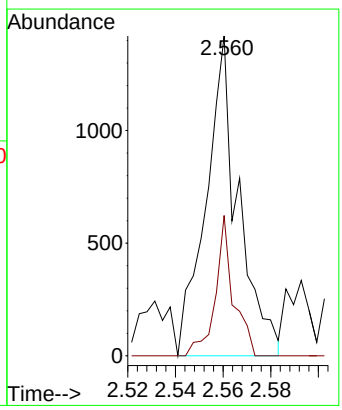


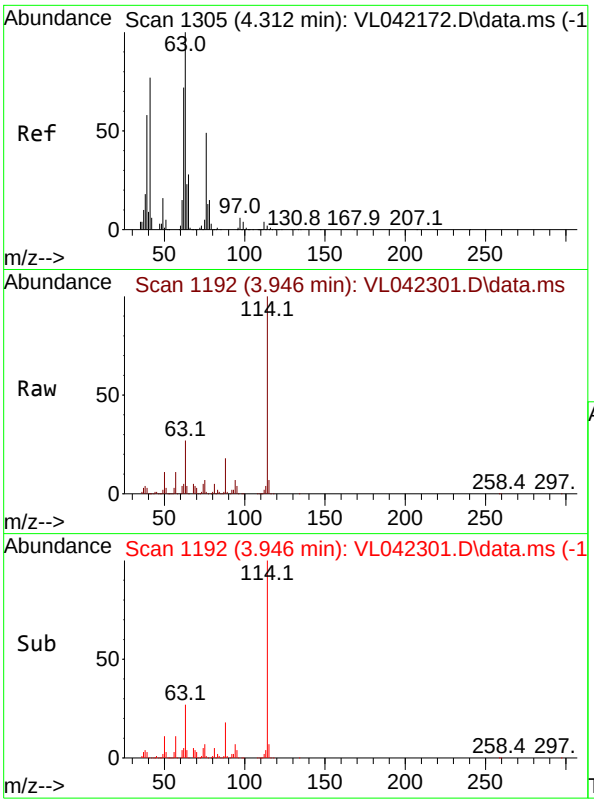


#34
2-Butanone
Concen: 0.042 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.006 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 43 Resp: 1339

Ion	Ratio	Lower	Upper
43	100		
72	24.3	18.2	27.2



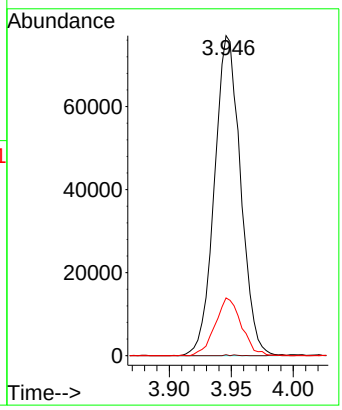


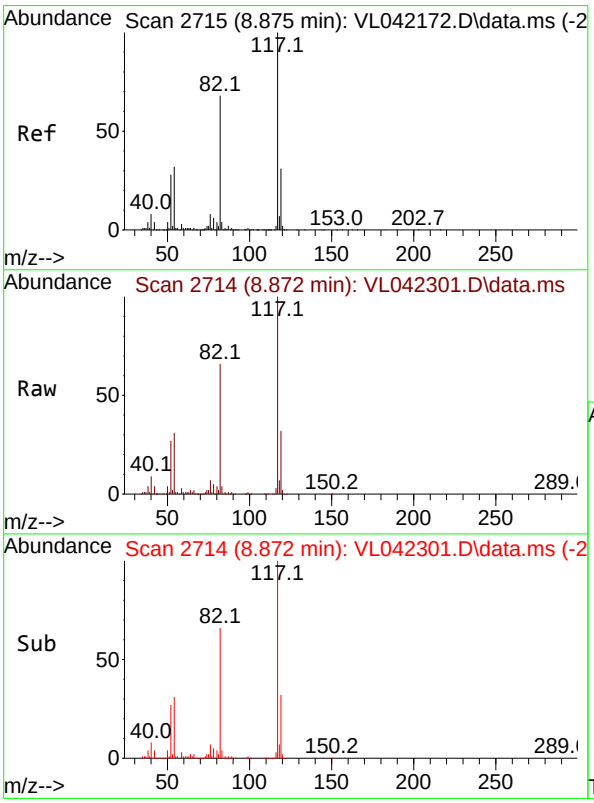
#39
1,2-Dichloropropane
Concen: 7.123 ppbv
RT: 3.946 min Scan# 11
Delta R.T. -0.366 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion: 63 Resp: 113228

Ion	Ratio	Lower	Upper
63	100		
41	0.3	61.7	92.5#
62	18.0	57.6	86.4#

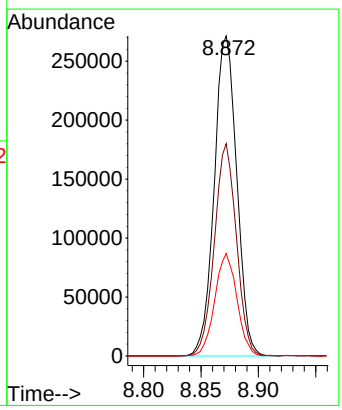


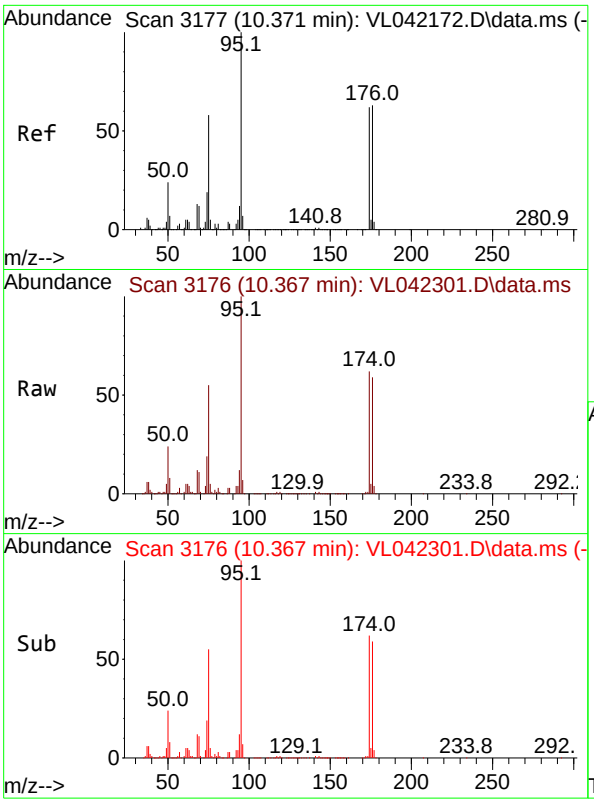


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion:117 Resp: 371291

Ion	Ratio	Lower	Upper
117	100		
82	64.9	55.8	83.6
119	31.6	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 8.946 ppbv
RT: 10.367 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tgt Ion: 95 Resp: 272765

Ion	Ratio	Lower	Upper
95	100		
174	63.2	50.6	76.0
175	4.7	3.8	5.6