Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038294.D
Acq On : 26 Jan 2022 18:43
Operator : SY/AP
Sample : N1268-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Quant Time: Jan 27 02:55:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	814209	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2050427	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	1736063	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1281940	9.73	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	6814	0.039	ppbv	# 79
9) Propene	3.01	41	5678	0.108	ppbv	84
13) Ethanol	3.60	45	5233	0.924	ppbv	# 37
15) Acetone	3.85	43	28637	0.399	ppbv	# 74
20) Methylene Chloride	4.32	84	7444	0.178	ppbv	93
39) 1,2-Dichloropropane	7.14	63	543521	7.392	ppbv	# 25

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

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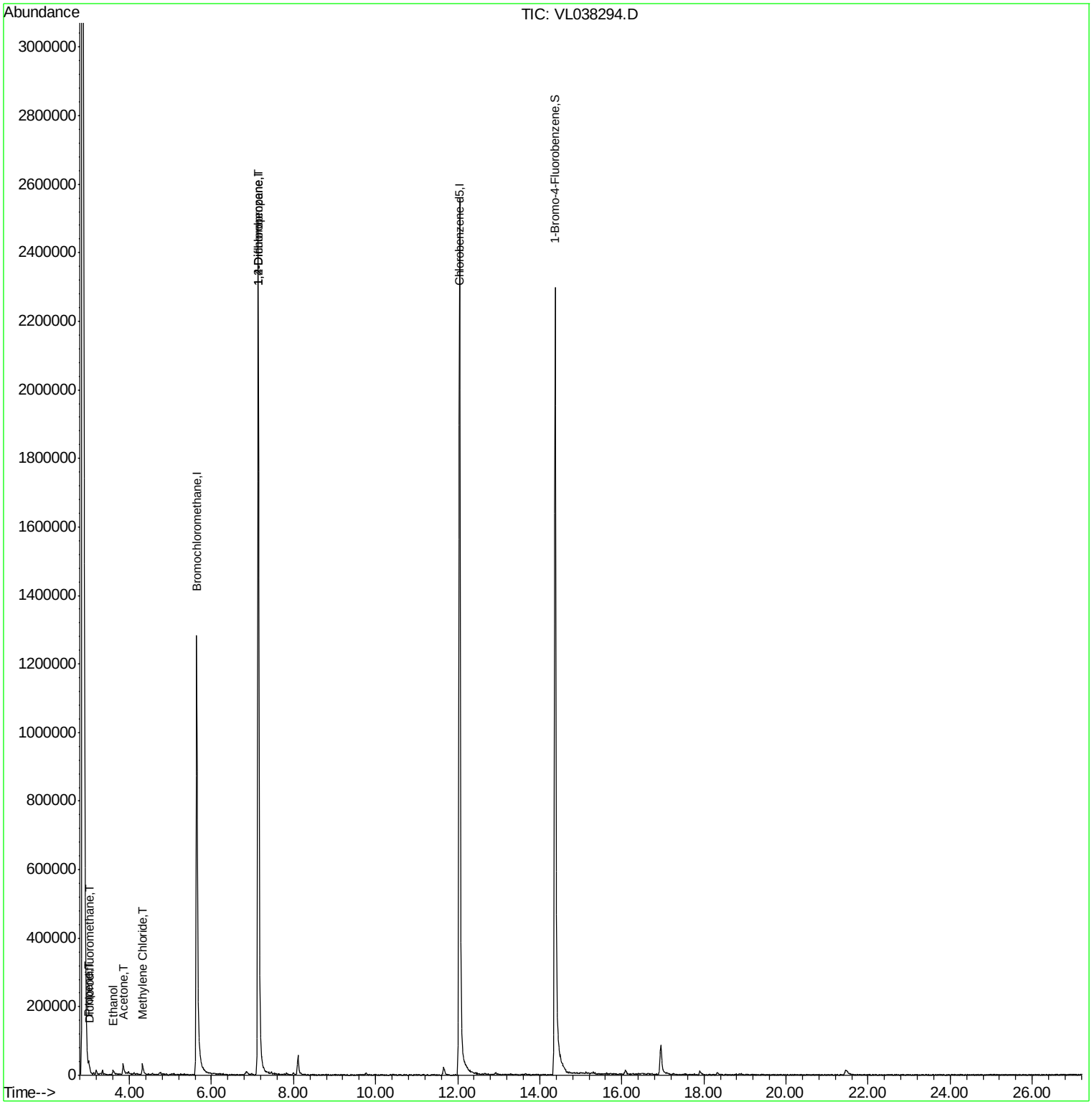
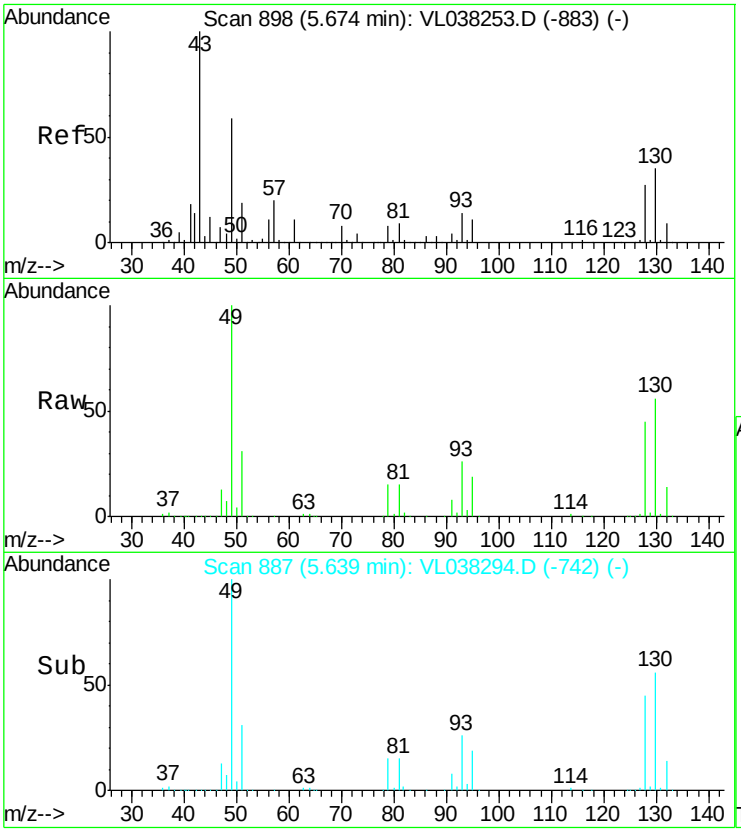


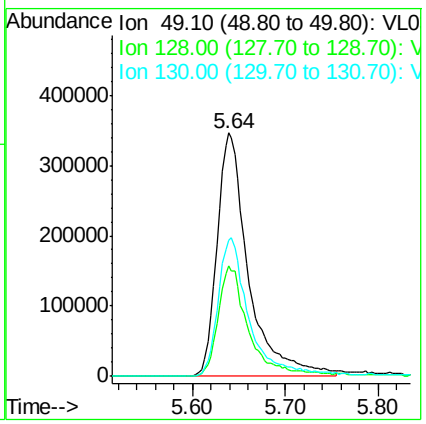


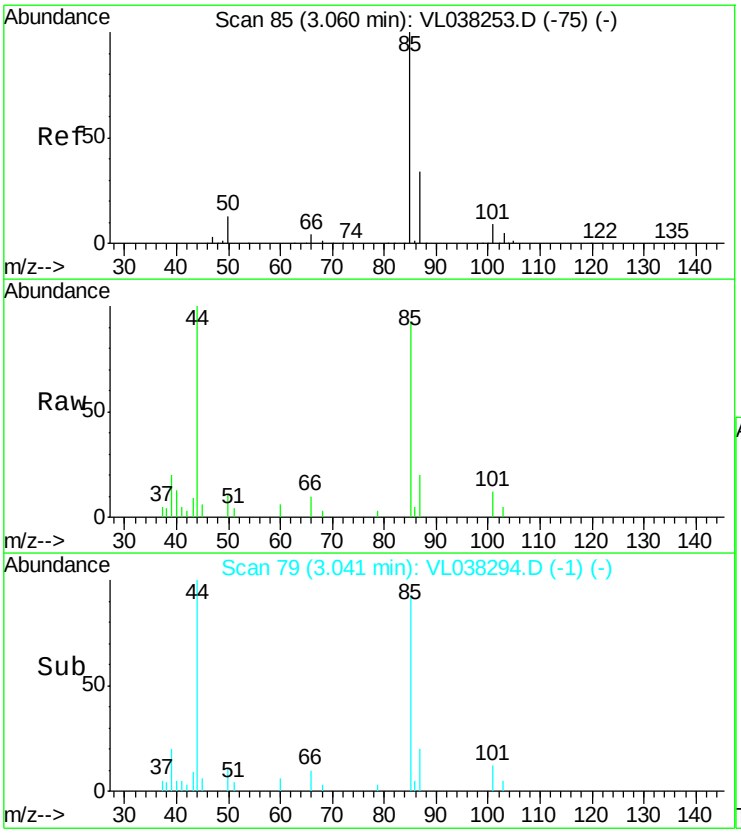
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 26 Jan 2022 18:43

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 49 Resp: 814209

Ion	Ratio	Lower	Upper
49	100		
128	45.4	24.5	73.5
130	56.7	30.1	90.5

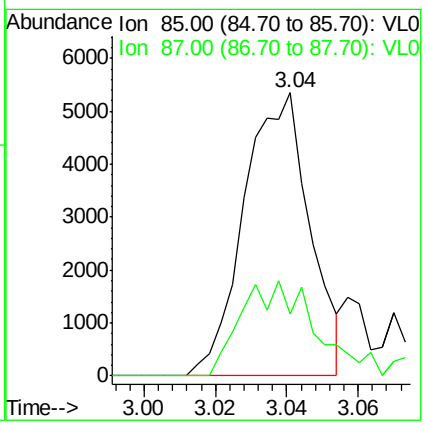


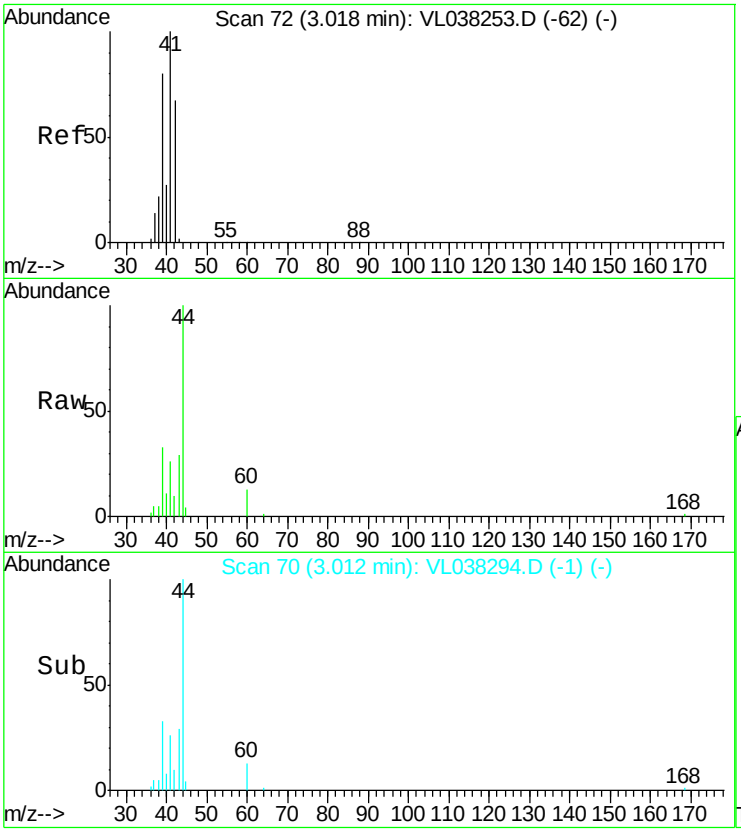


#2
Dichlorodifluoromethane
Concen: 0.039 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.02 min
Lab File: VL038294.D
Acq: 26 Jan 2022 18:43

Tgt Ion: 85 Resp: 6814

Ion	Ratio	Lower	Upper
85	100		
87	21.7	27.0	40.6#



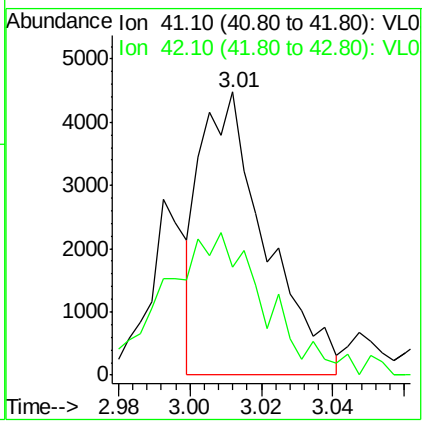


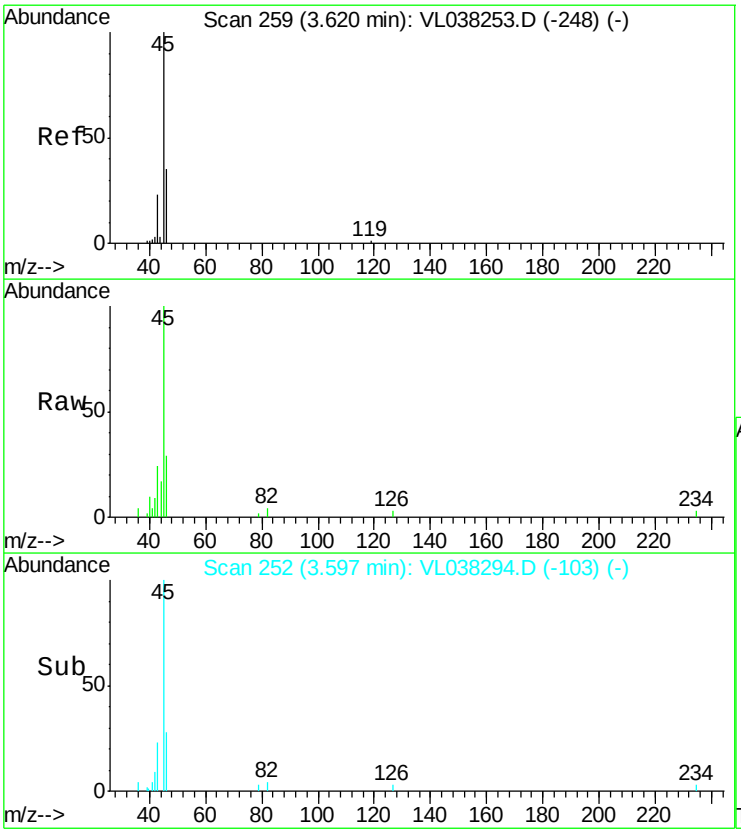
#9
Propene
Concen: 0.108 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 26 Jan 2022 18:43

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 41 Resp: 5678

Ion	Ratio	Lower	Upper
41	100		
42	81.3	54.9	82.3

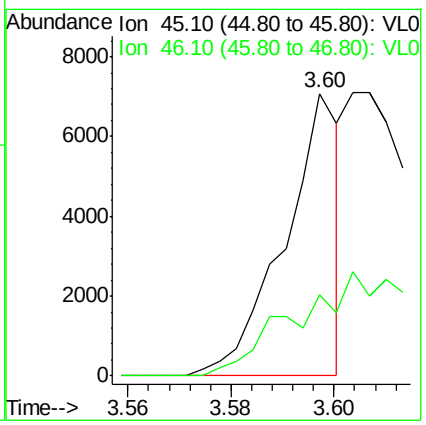


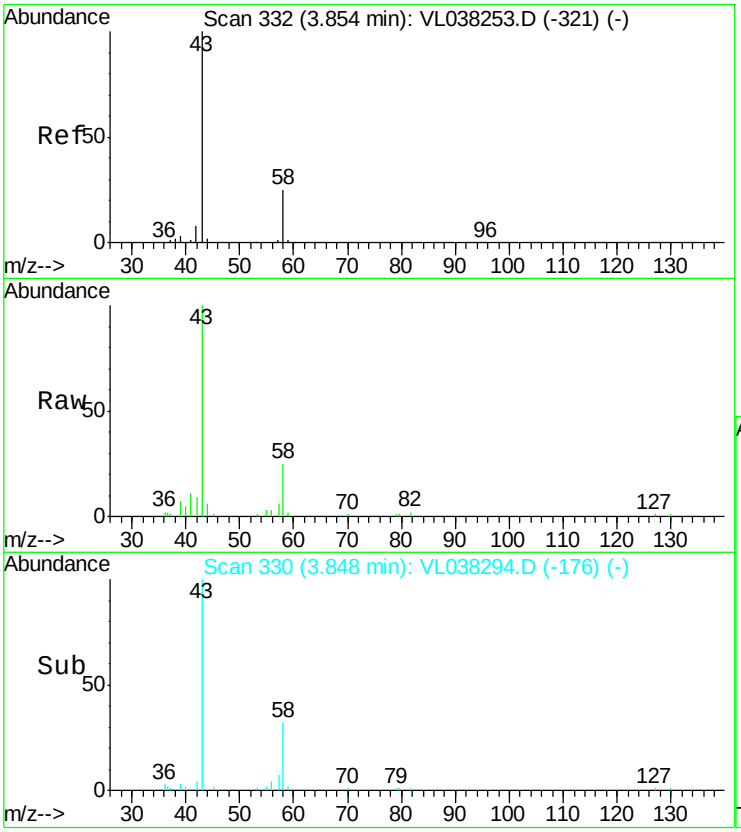


#13
Ethanol
Concen: 0.924 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.02 min
Lab File: VL038294.D
Acq: 26 Jan 2022 18:43

Tgt Ion: 45 Resp: 5233

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.6#



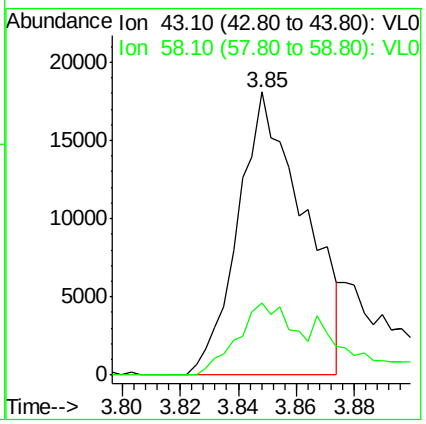


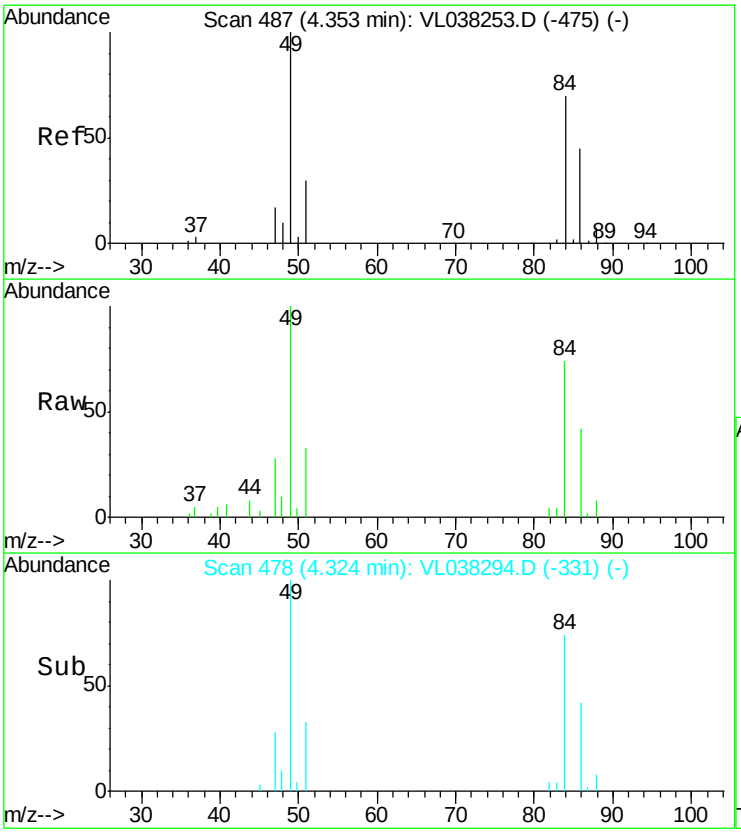
#15
Acetone
Concen: 0.399 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 26 Jan 2022 18:43

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 43 Resp: 28637

Ion	Ratio	Lower	Upper
43	100		
58	40.4	21.5	32.3#

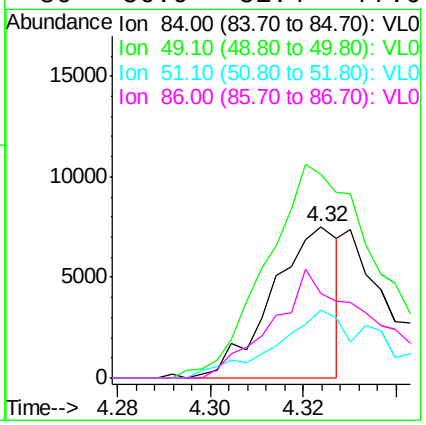


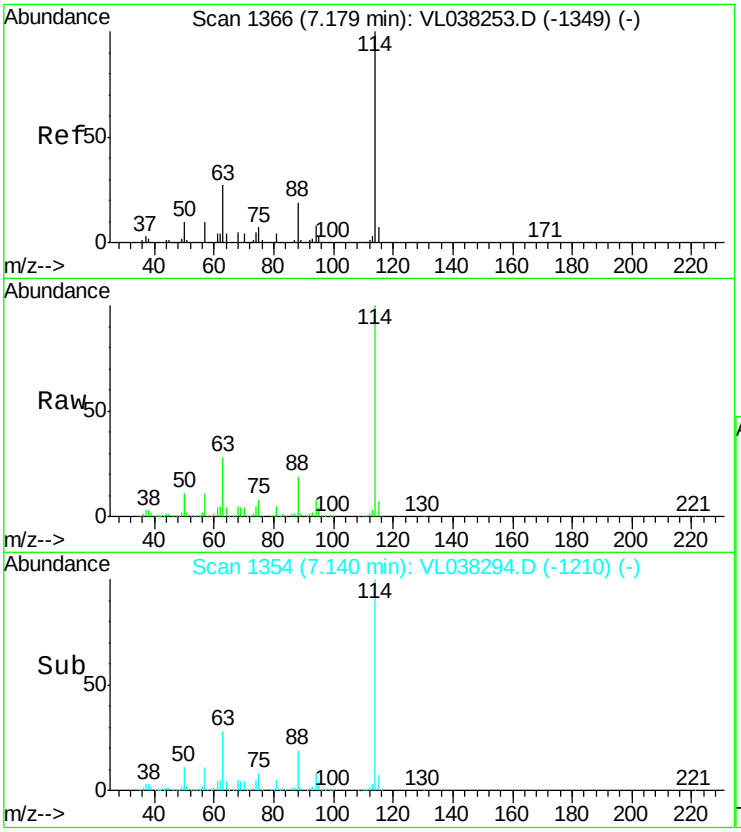


#20
Methylene Chloride
Concen: 0.178 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL038294.D
Acq: 26 Jan 2022 18:43

Tgt Ion: 84 Resp: 7444

Ion	Ratio	Lower	Upper
84	100		
49	135.3	115.0	172.6
51	44.9	35.0	52.6
86	56.0	51.4	77.0



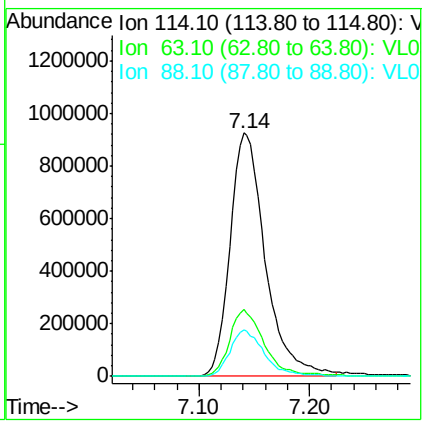


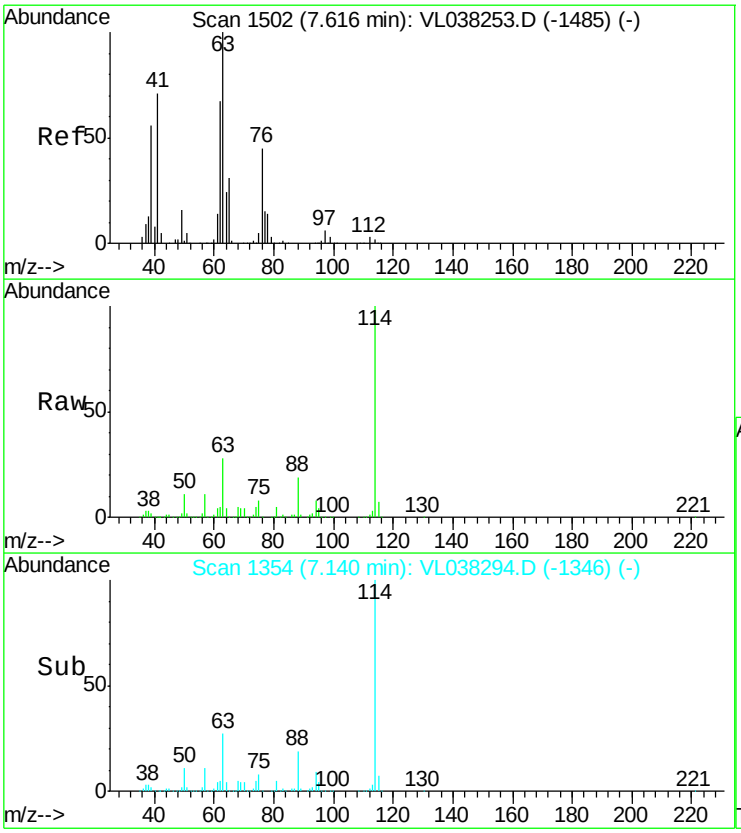
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 26 Jan 2022 18:43

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion:114 Resp: 2050427

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.0	33.0
88	18.8	15.0	22.6

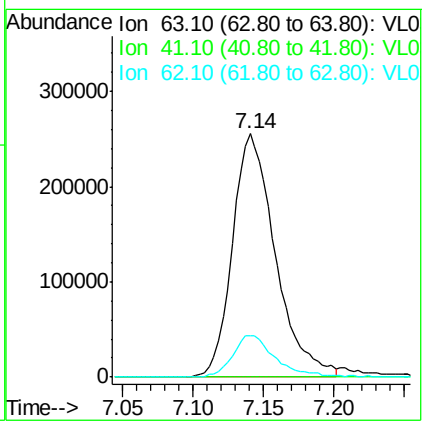


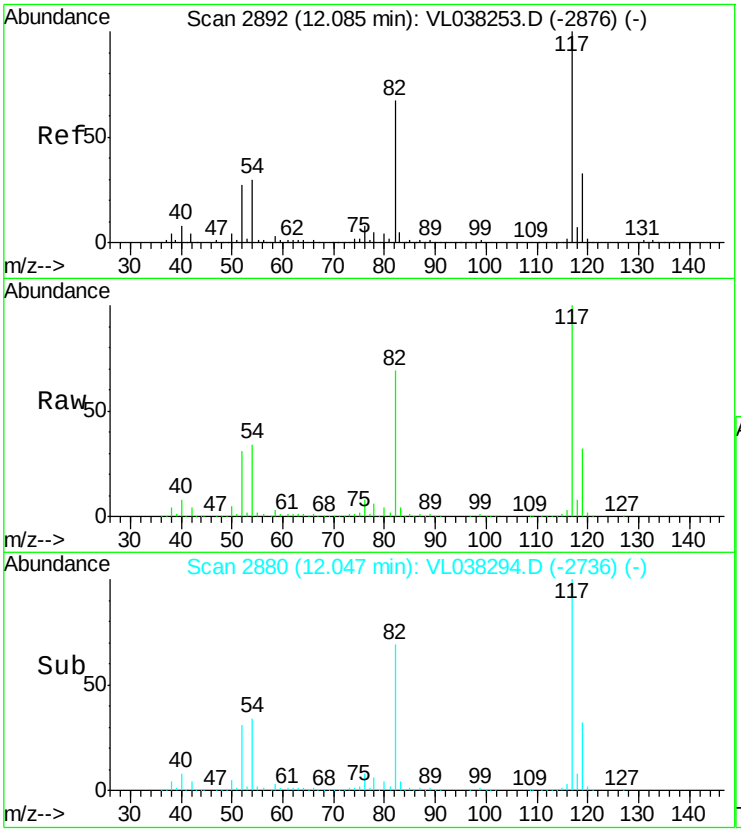


#39
1,2-Dichloropropane
Concen: 7.392 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.48 min
Lab File: VL038294.D
Acq: 26 Jan 2022 18:43

Tgt Ion: 63 Resp: 543521

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.8	53.9	80.9#



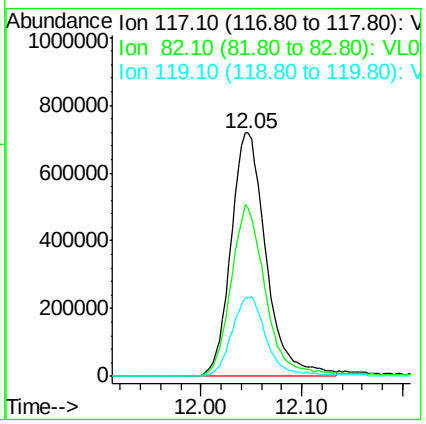


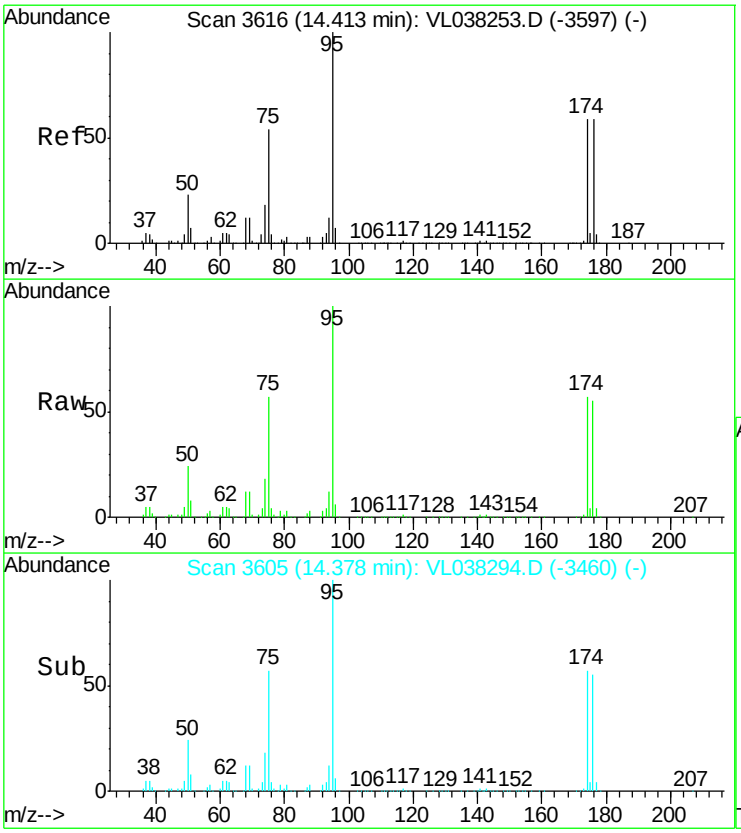
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 26 Jan 2022 18:43

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion:117 Resp: 1736063

Ion	Ratio	Lower	Upper
117	100		
82	71.2	54.4	81.6
119	33.1	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.729 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.04 min
Lab File: VL038294.D
Acq: 26 Jan 2022 18:43

Tgt Ion: 95 Resp: 1281940

Ion	Ratio	Lower	Upper
95	100		
174	61.4	48.3	72.5
175	4.2	3.5	5.3