Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
Data File : VL038307.D
Acq On : 27 Jan 2022 21:53
Operator : SY/AP
Sample : N1300-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Quant Time: Jan 28 05:15:01 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	5.65	49	754202	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	1986640	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	1682257	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1218922	9.55	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	14531	0.097	ppbv #	73
4) Chloromethane	3.14	50	1575	0.030	ppbv #	65
9) Propene	3.02	41	7820	0.160	ppbv	84
13) Ethanol	3.60	45	230642	43.957	ppbv	90
15) Acetone	3.85	43	11182	0.168	ppbv #	57
19) Isopropyl Alcohol	3.96	45	60941	1.465	ppbv #	91
20) Methylene Chloride	4.33	84	3270	0.085	ppbv	95
26) Hexane	5.67	57	3800	0.044	ppbv #	55
39) 1,2-Dichloropropane	7.15	63	533347	7.486	ppbv #	25

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

Quantitation Report (Not Reviewed)

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Data File : VL038307.D
Acq On : 27 Jan 2022 21:53
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Misc : 400mL/MSVOA_L
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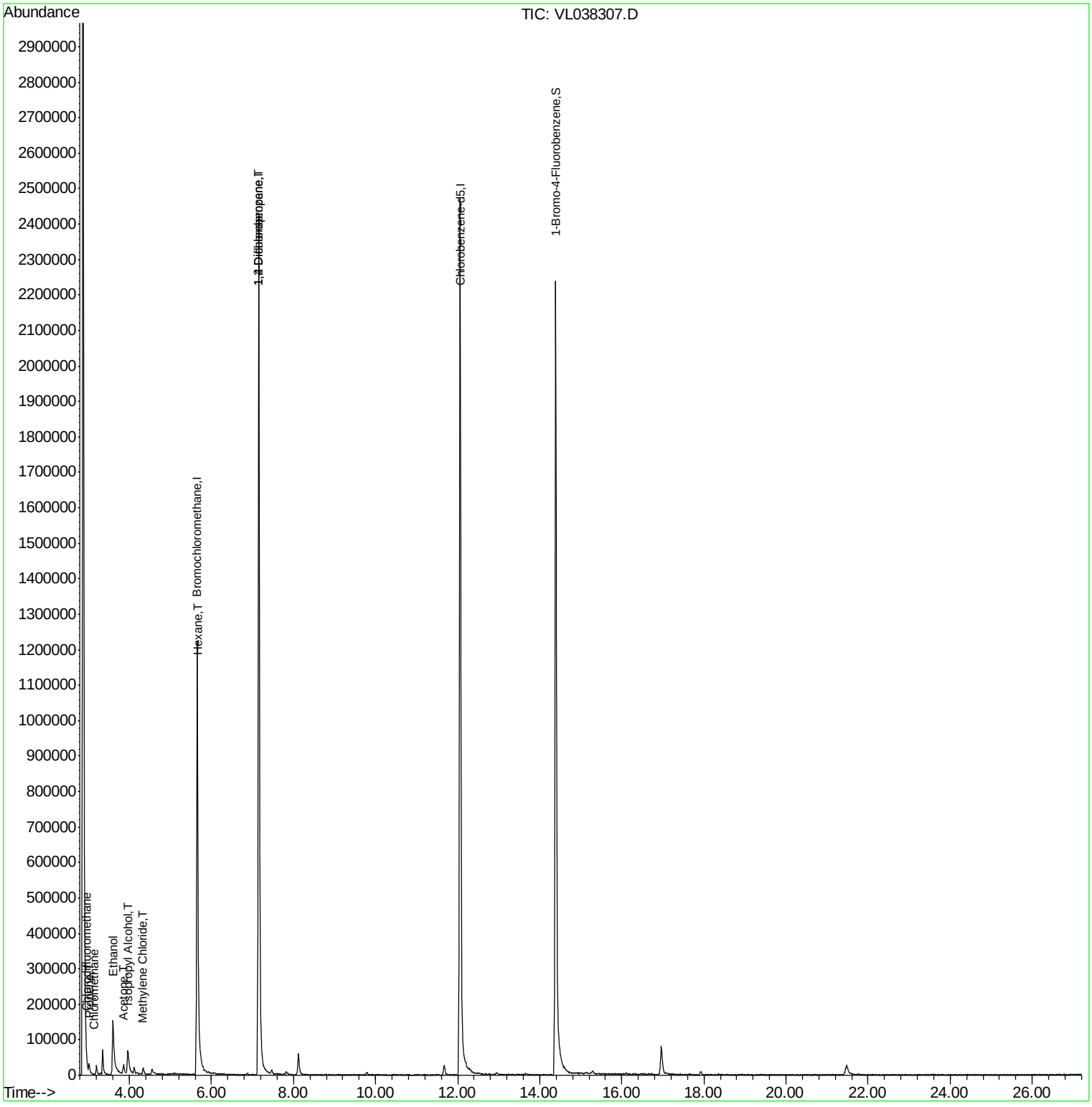
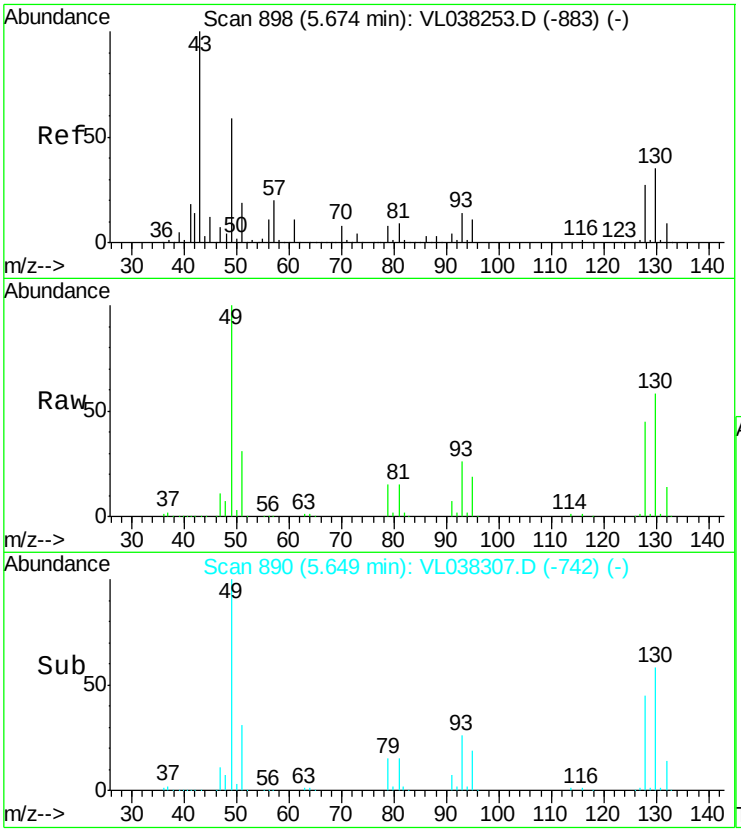
Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Quant Time: Jan 28 05:15:01 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



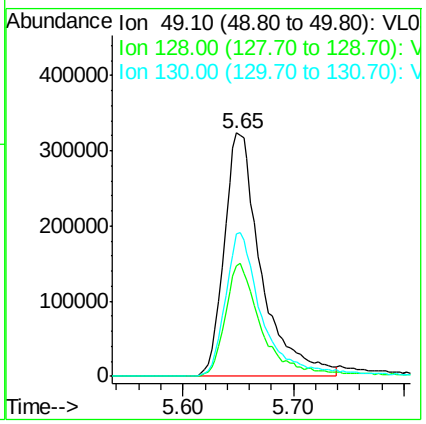


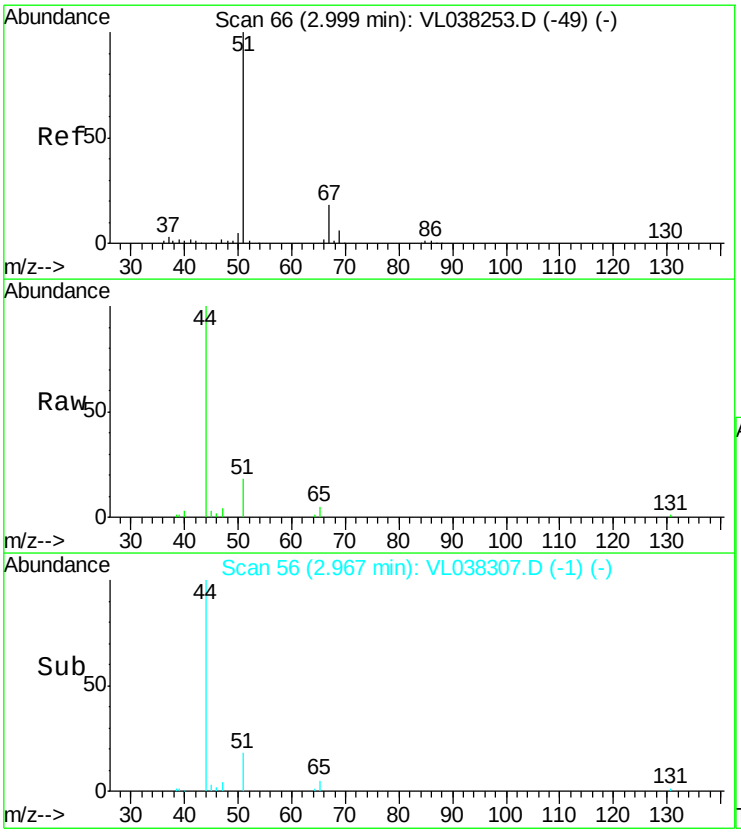
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 49 Resp: 754202

Ion	Ratio	Lower	Upper
49	100		
128	46.6	24.5	73.5
130	61.3	30.1	90.5

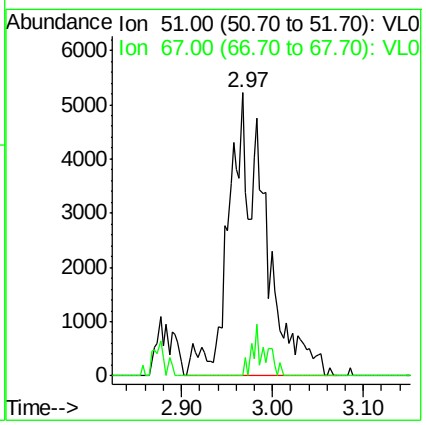


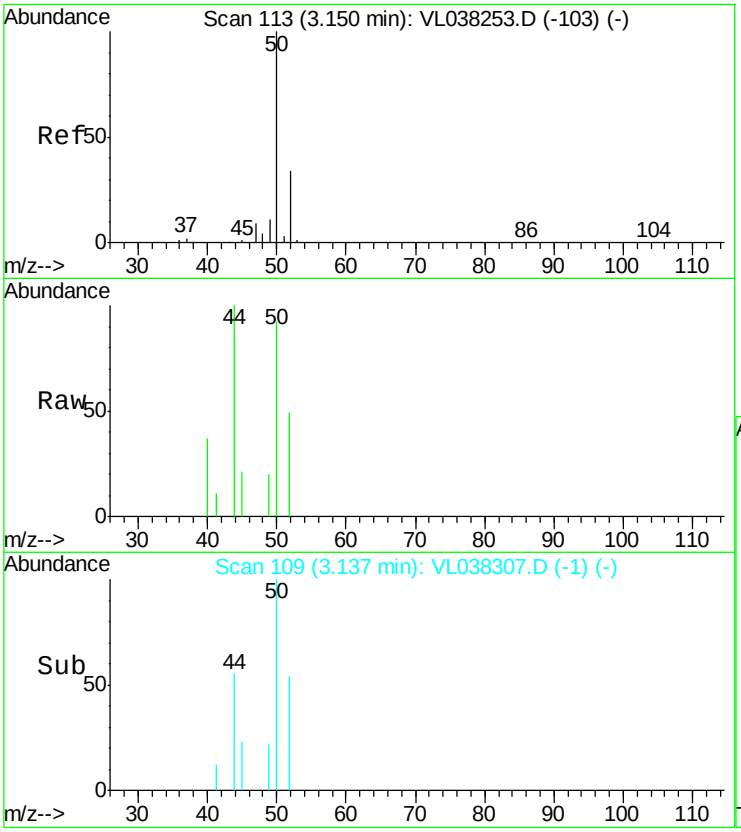


#3
Chlorodifluoromethane
Concen: 0.097 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.03 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion: 51 Resp: 14531

Ion	Ratio	Lower	Upper
51	100		
67	6.1	14.4	21.6#



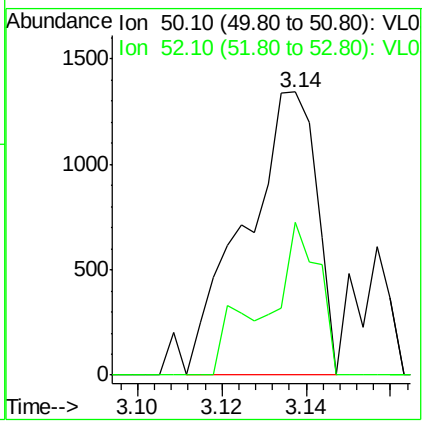


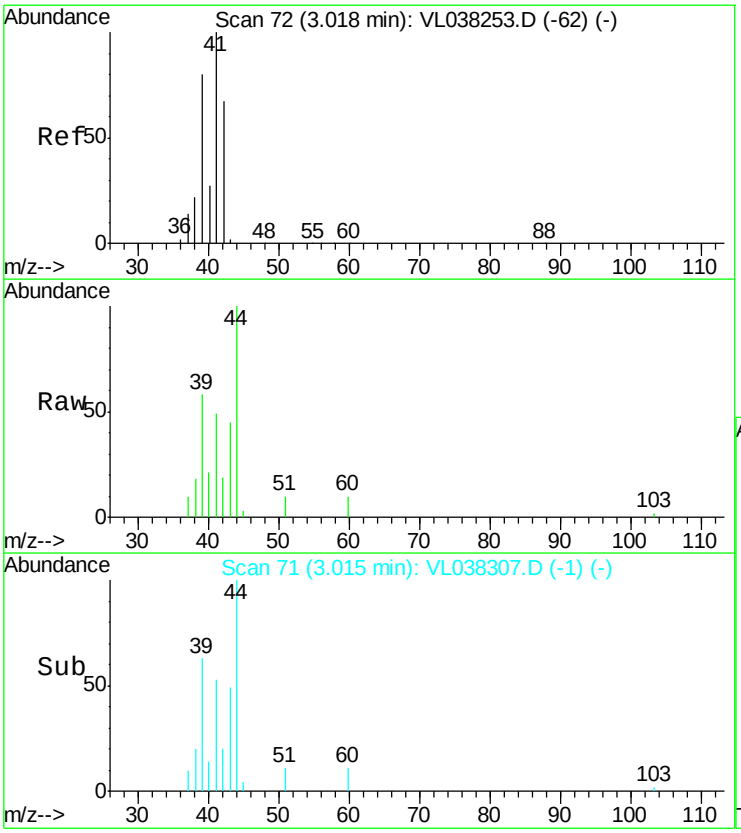
#4
Chloromethane
Concen: 0.030 ppbv
RT: 3.14
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 50 Resp: 1575

Ion	Ratio	Lower	Upper
50	100		
52	53.8	27.1	40.7#

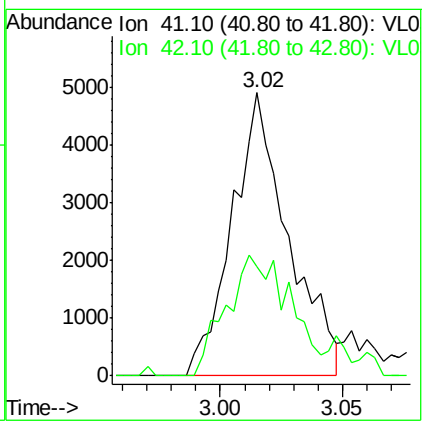


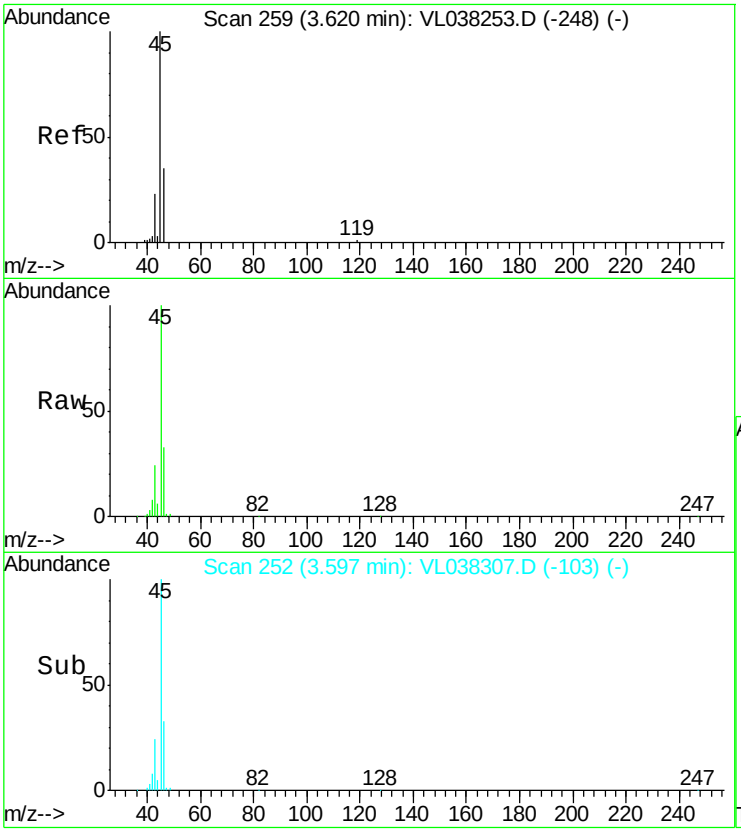


#9
Propene
Concen: 0.160 ppbv
RT: 3.02 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion: 41 Resp: 7820

Ion	Ratio	Lower	Upper
41	100		
42	55.6	54.9	82.3



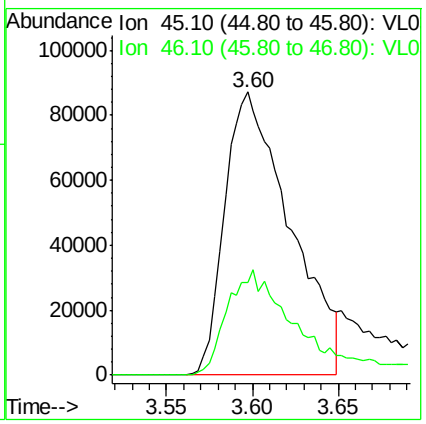


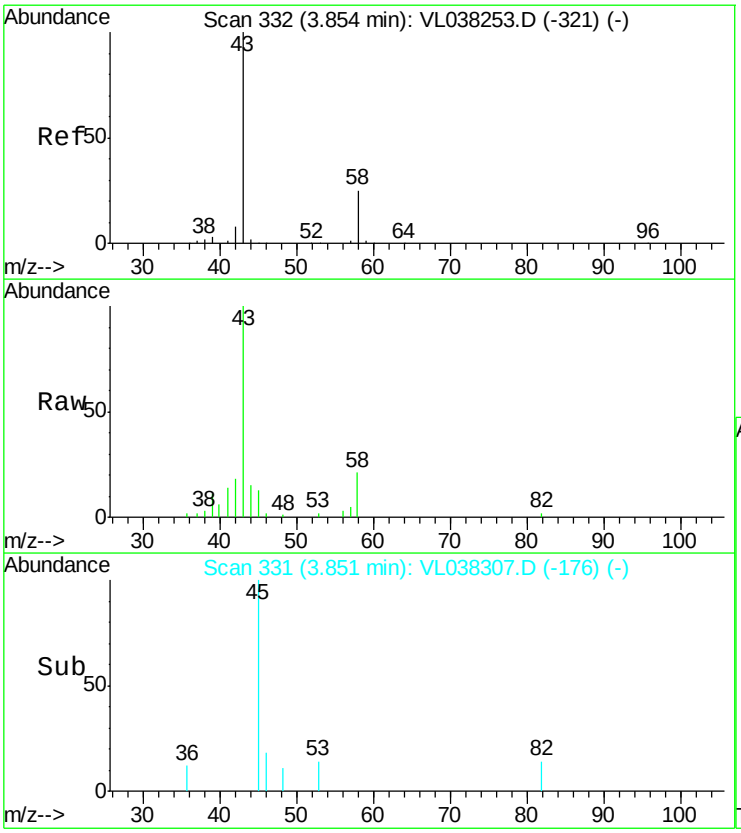
#13
Ethanol
Concen: 43.957 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 45 Resp: 230642

Ion	Ratio	Lower	Upper
45	100		
46	44.7	15.4	61.6

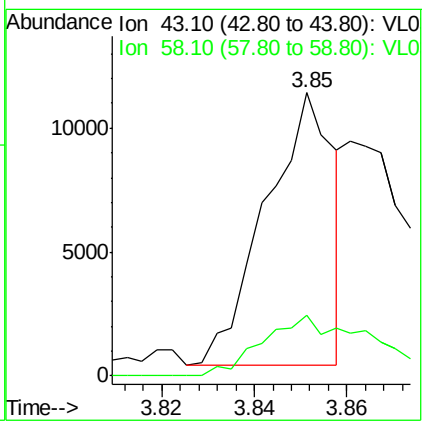


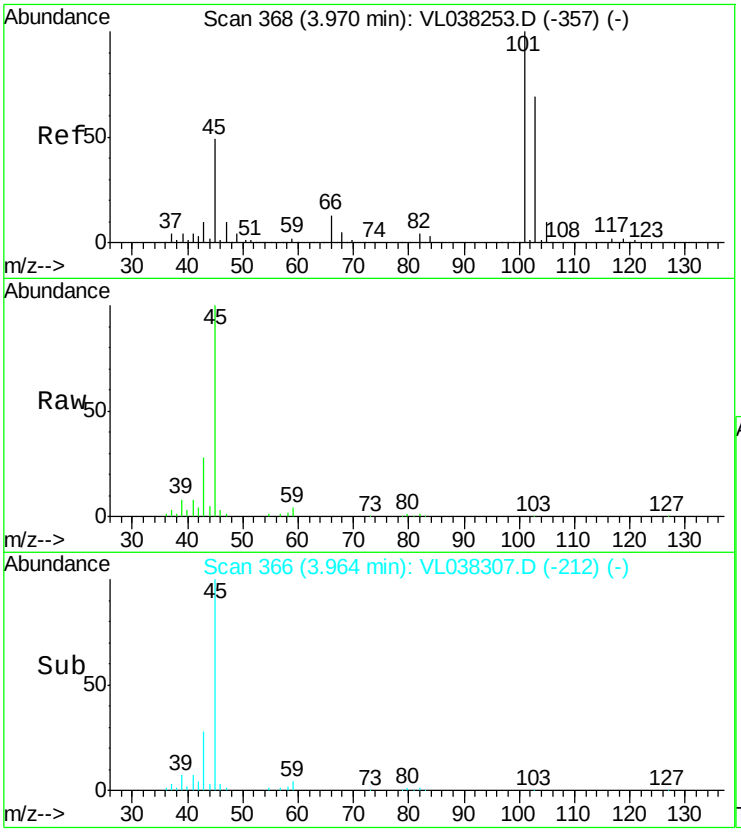


#15
Acetone
Concen: 0.168 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion: 43 Resp: 11182

Ion	Ratio	Lower	Upper
43	100		
58	49.4	21.5	32.3#



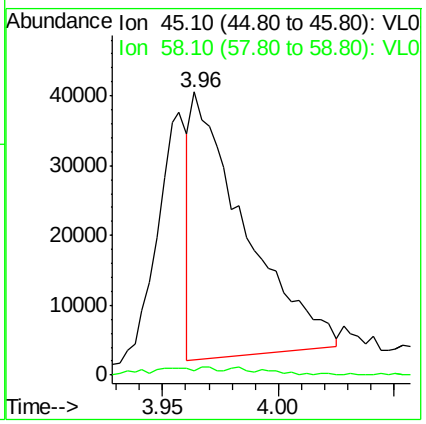


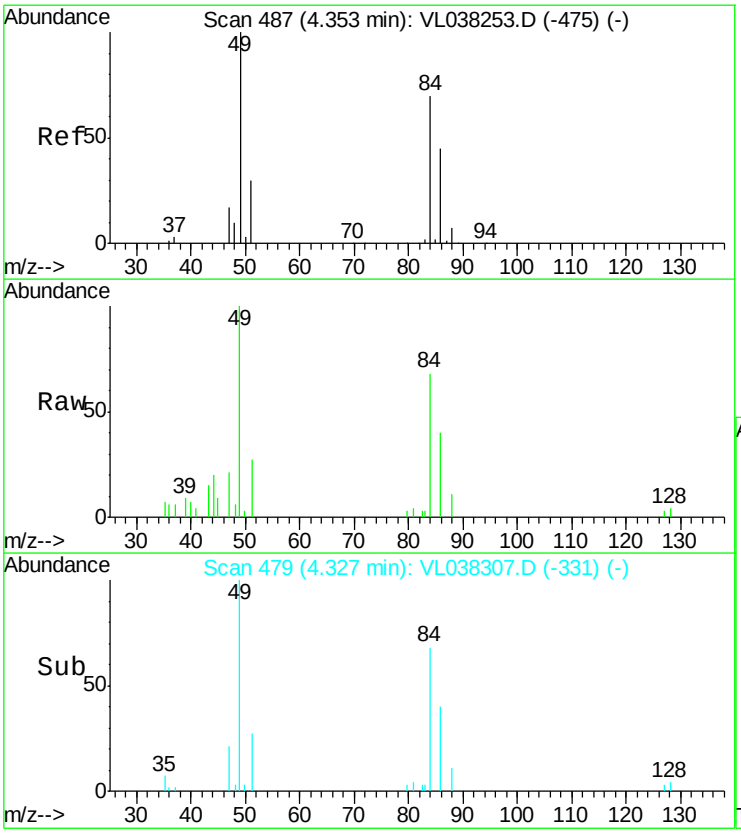
#19
Isopropyl Alcohol
Concen: 1.465 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 45 Resp: 60941

Ion	Ratio	Lower	Upper
45	100		
58	5.9	2.3	3.5#

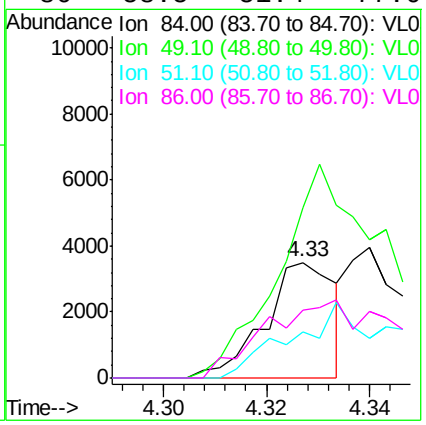


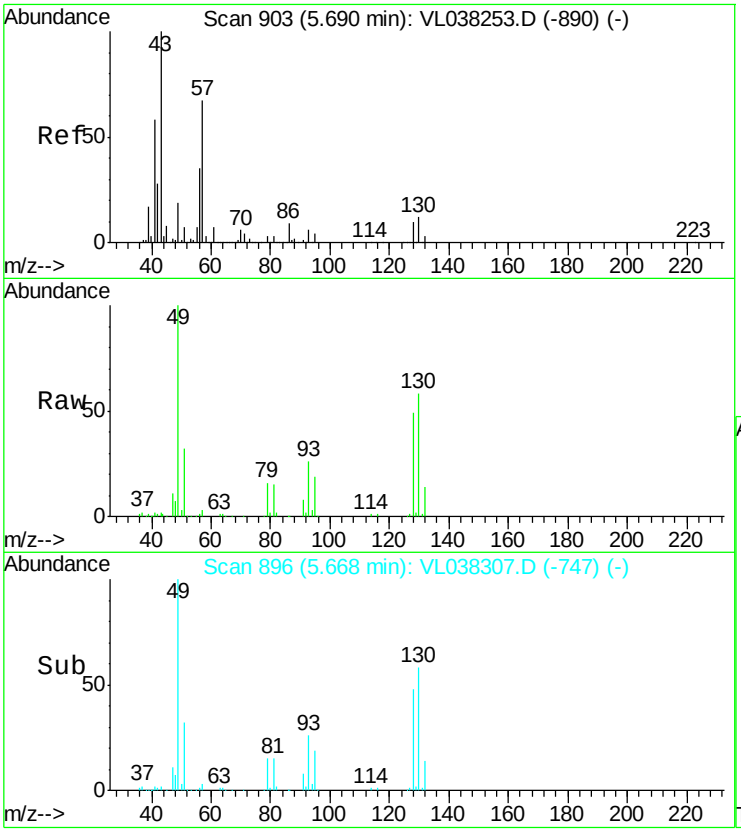


#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion: 84 Resp: 3270

Ion	Ratio	Lower	Upper
84	100		
49	147.6	115.0	172.6
51	40.1	35.0	52.6
86	58.5	51.4	77.0



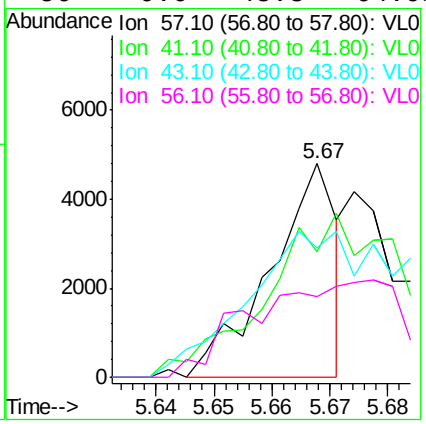


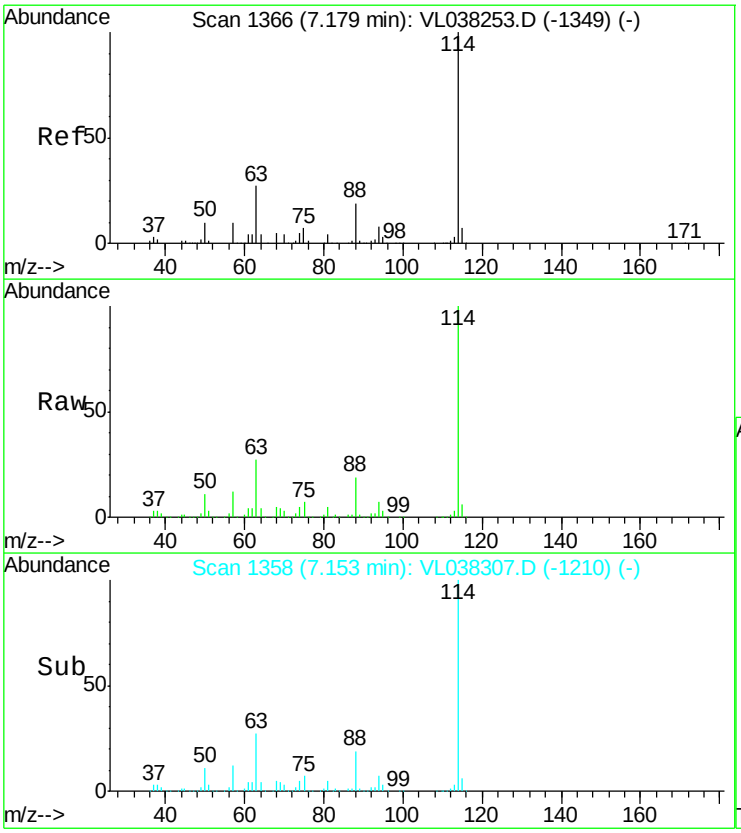
#26
Hexane
Concen: 0.044 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 57 Resp: 3800

Ion	Ratio	Lower	Upper
57	100		
41	189.0	72.8	109.2#
43	199.1	177.0	265.6
56	0.0	43.3	64.9#

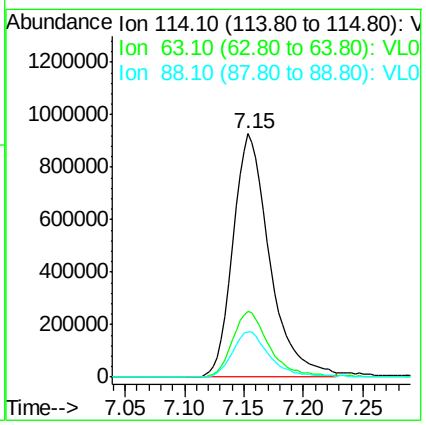


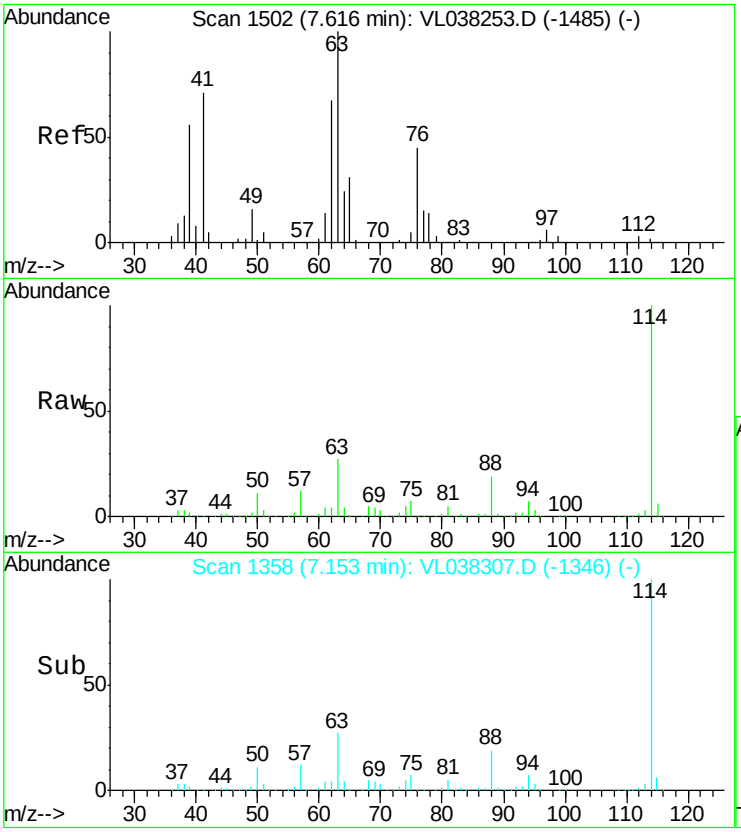


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion:114 Resp: 1986640

Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.0	33.0
88	19.1	15.0	22.6



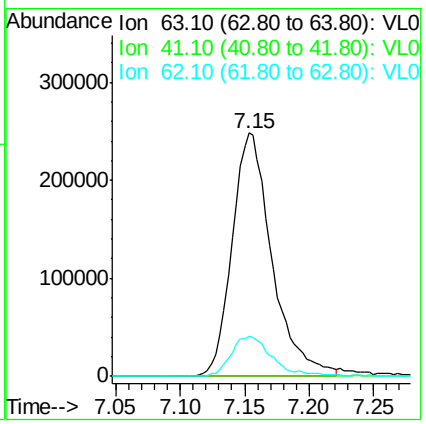


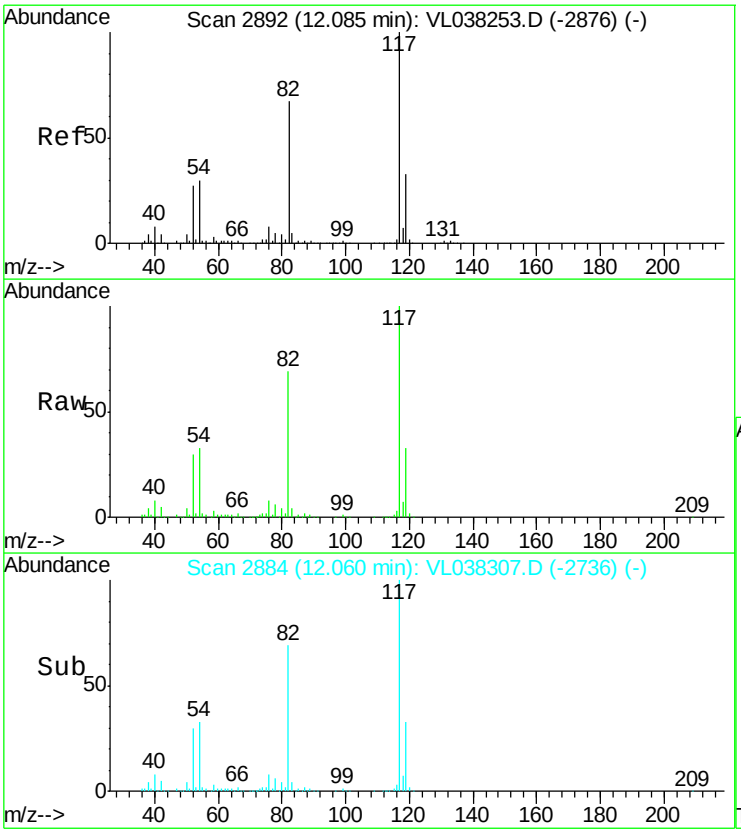
#39
1,2-Dichloropropane
Concen: 7.486 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 63 Resp: 533347

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.5	53.9	80.9#

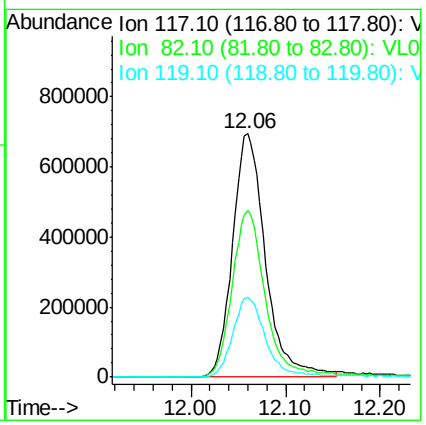


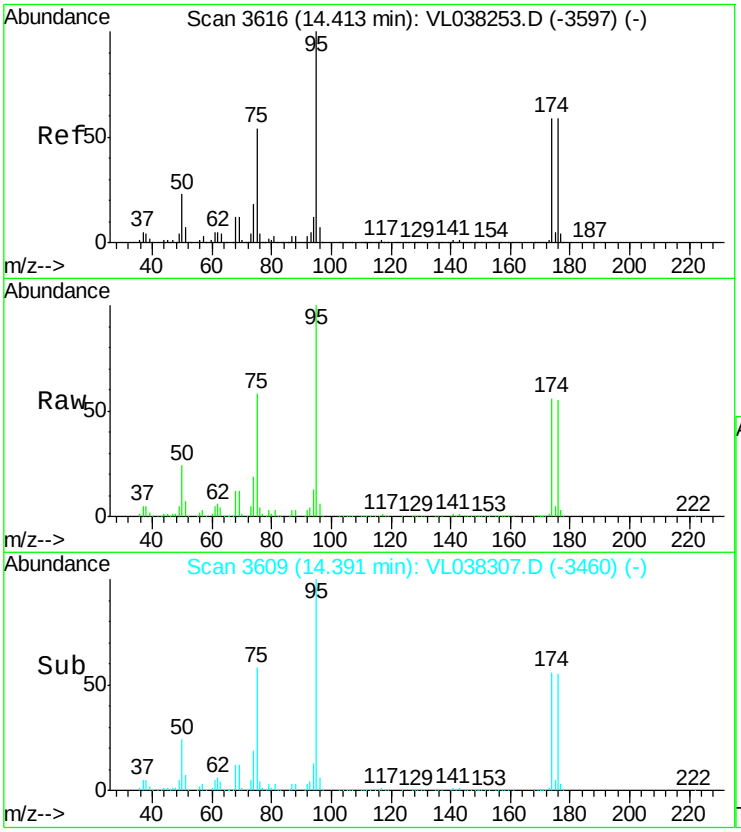


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.03 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion:117 Resp: 1682257

Ion	Ratio	Lower	Upper
117	100		
82	72.0	54.4	81.6
119	33.6	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.546 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 27 Jan 2022 21:53

Instrument :
MSVOA_L
ClientSampleId :
IA-18CDL

Tgt Ion: 95 Resp: 1218922

Ion	Ratio	Lower	Upper
95	100		
174	61.7	48.3	72.5
175	4.6	3.5	5.3