Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037866.D
Acq On : 18 Oct 2021 23:44
Operator : SY/AP
Sample : CAN 10333
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10333

Quant Time: Oct 19 08:35:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1185017	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3447838	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2885864	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1992371	9.87	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.70%			
Target Compounds						Qvalue
9) Propene	3.02	41	2014	0.024	ppbv	# 1
13) Ethanol	3.62	45	146	0.021	ppbv	# 27
20) Methylene Chloride	4.35	84	12233	0.228	ppbv	# 52
26) Hexane	5.69	57	3456	0.024	ppbv	# 28
39) 1,2-Dichloropropane	7.17	63	794740	7.175	ppbv	# 29

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

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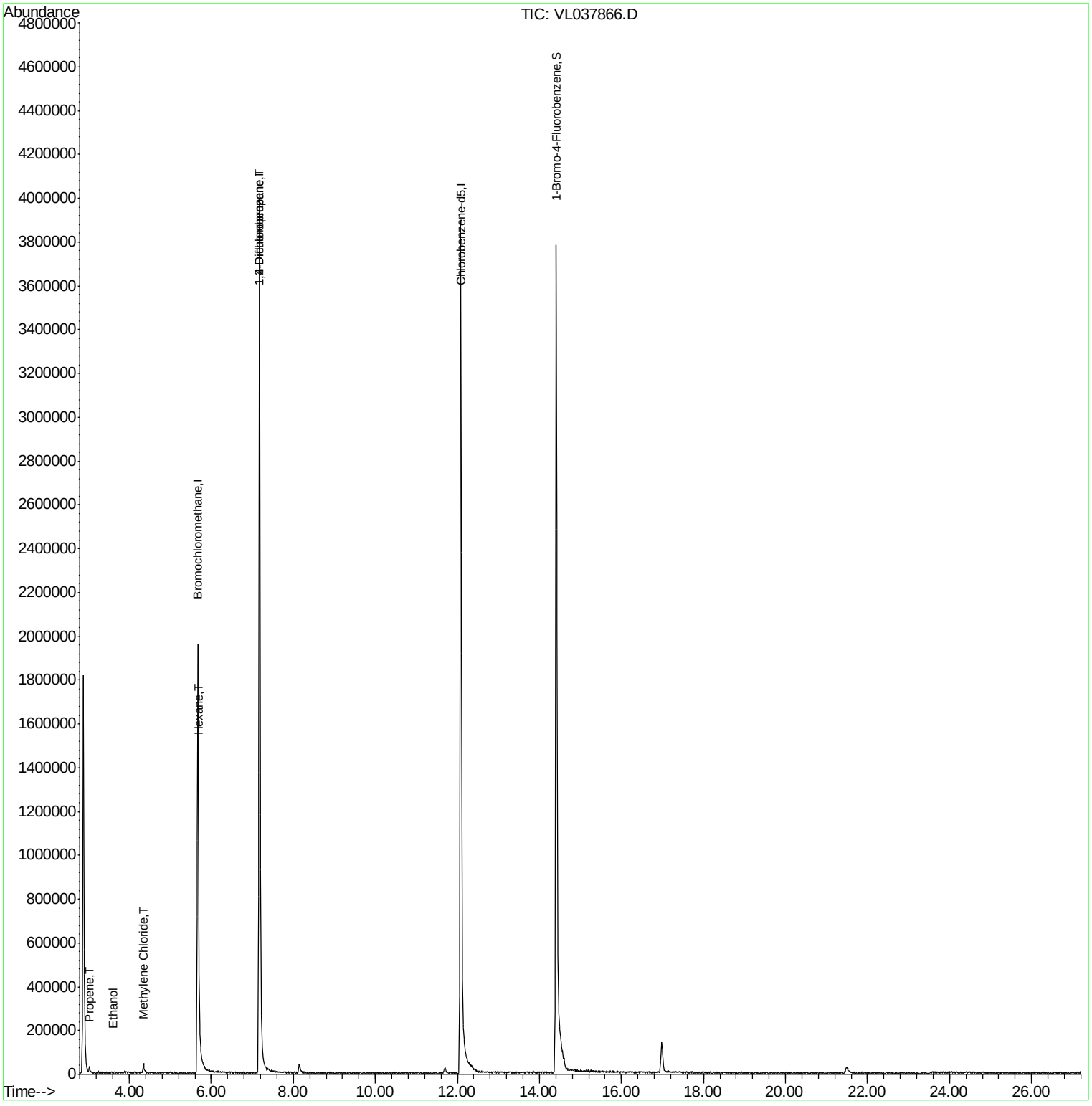
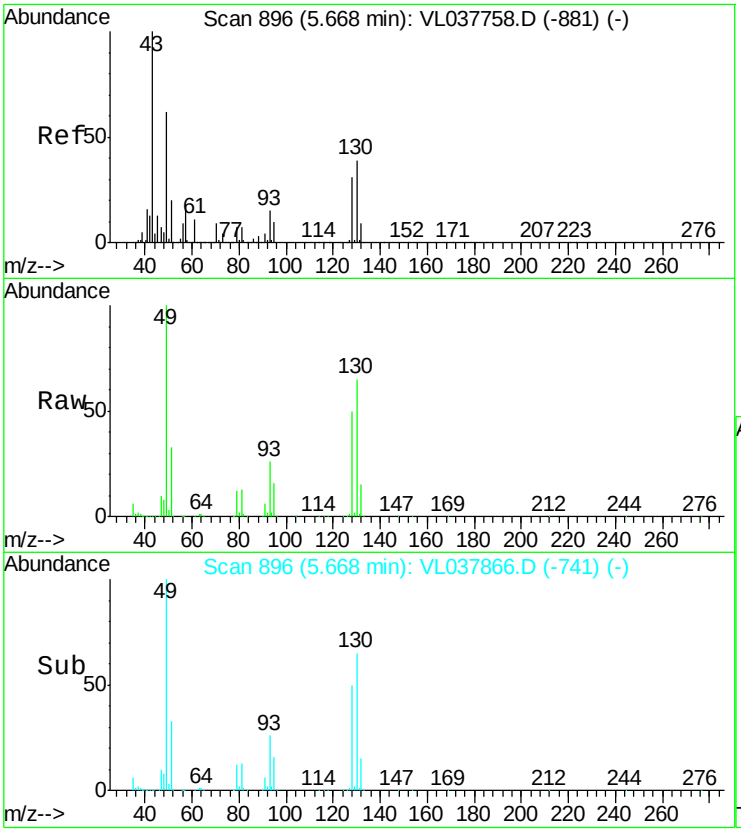


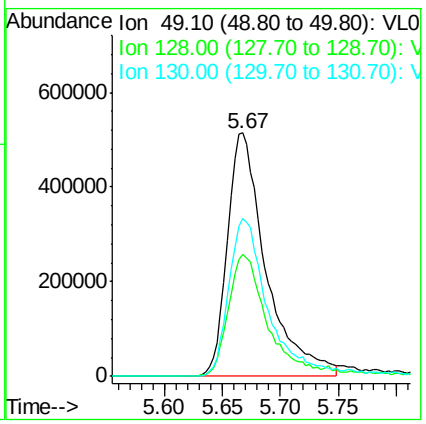


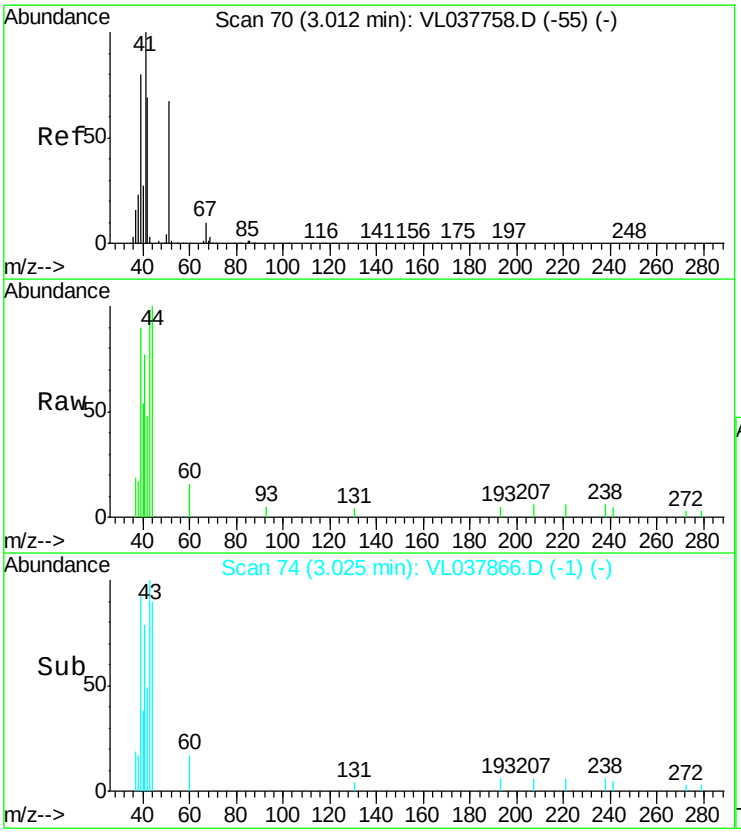
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
CAN 10333

Tgt Ion: 49 Resp: 1185017

Ion	Ratio	Lower	Upper
49	100		
128	53.1	27.1	81.3
130	68.9	33.2	99.6

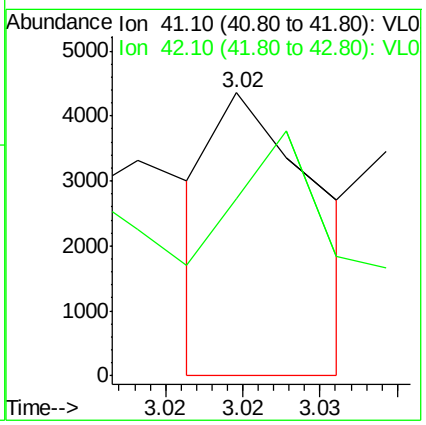


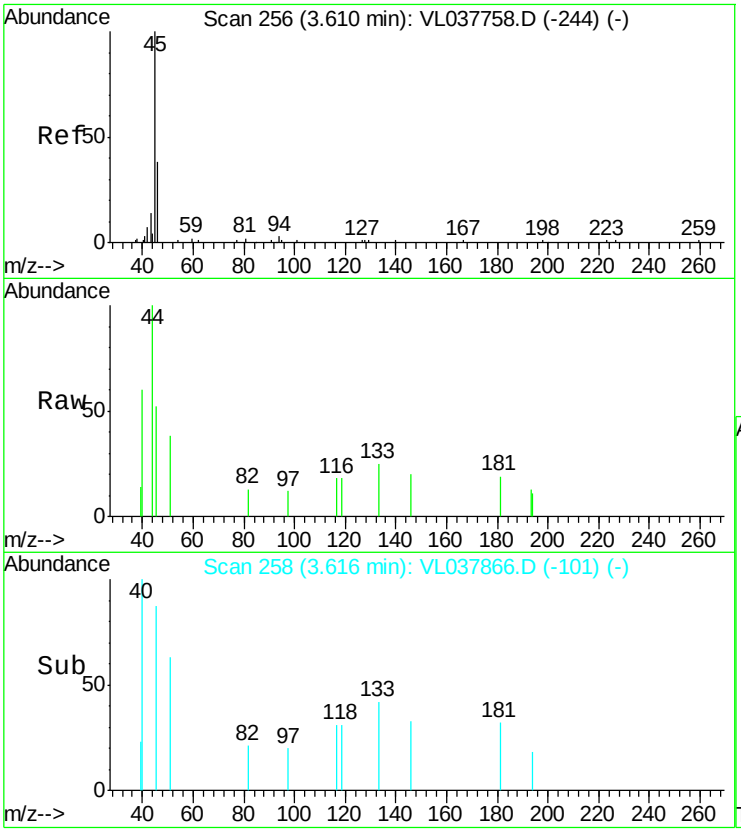


#9
Propene
Concen: 0.024 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL037866.D
Acq: 18 Oct 2021 23:44

Tgt Ion: 41 Resp: 2014

Ion	Ratio	Lower	Upper
41	100		
42	298.5	54.2	81.2#



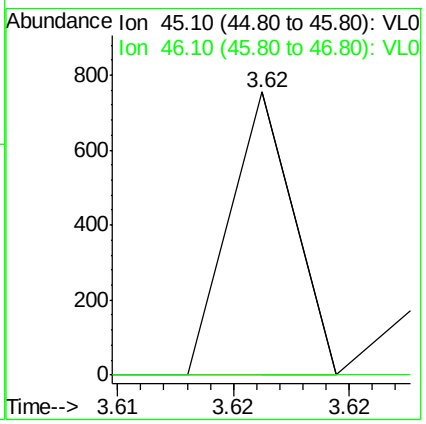


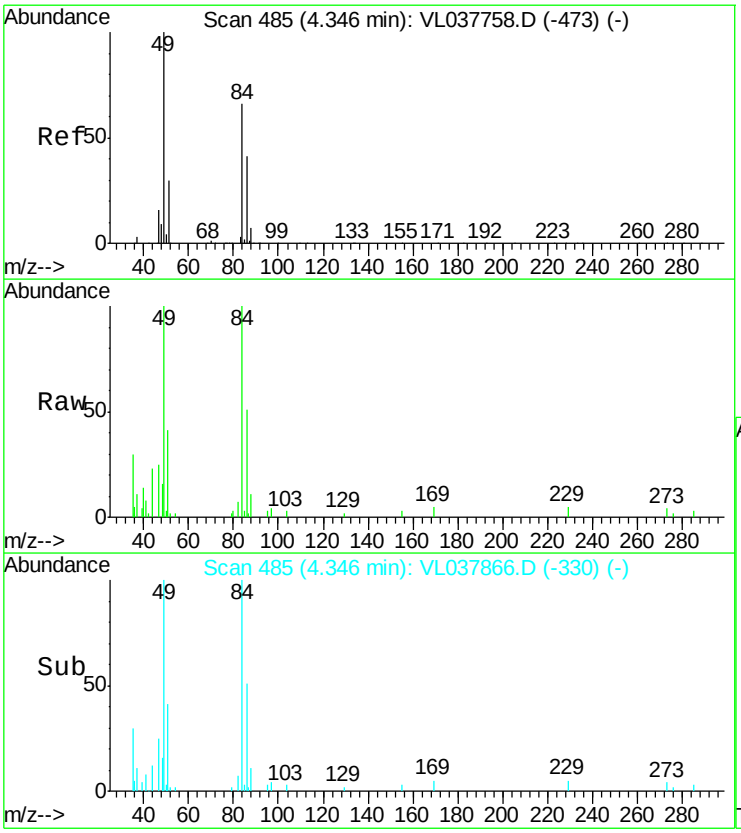
#13
Ethanol
Concen: 0.021 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
CAN 10333

Tgt Ion: 45 Resp: 146

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	81.0#

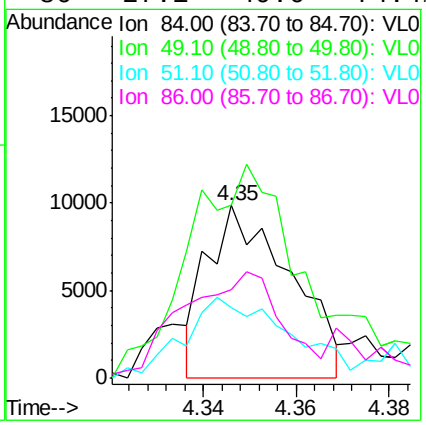


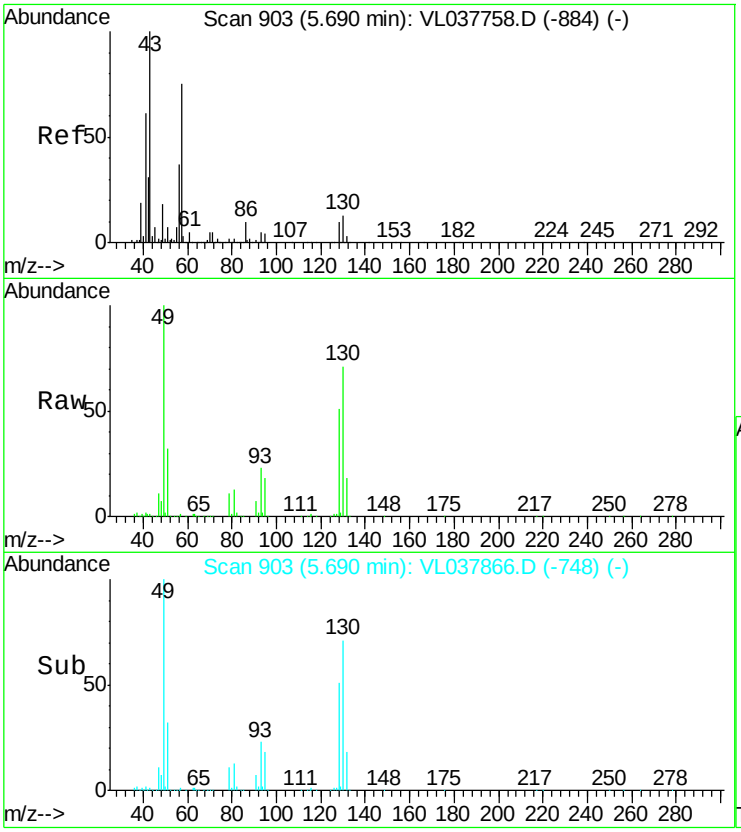


#20
Methylene Chloride
Concen: 0.228 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037866.D
Acq: 18 Oct 2021 23:44

Tgt Ion: 84 Resp: 12233

Ion	Ratio	Lower	Upper
84	100		
49	79.1	120.7	181.1#
51	29.3	36.2	54.4#
86	27.1	49.6	74.4#



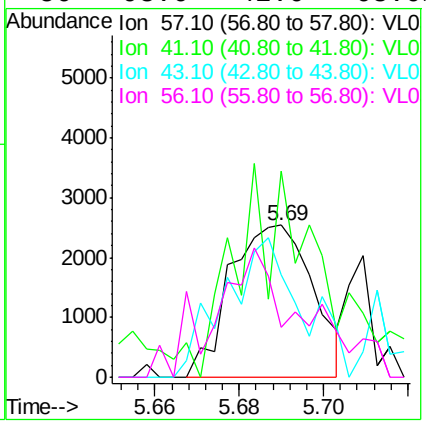


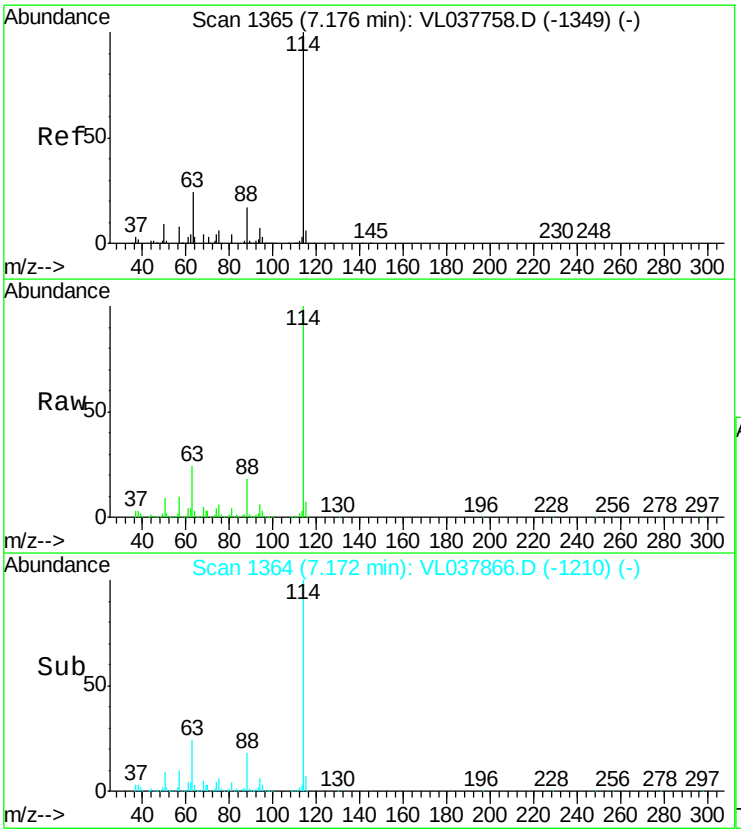
#26
Hexane
Concen: 0.024 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
CAN 10333

Tgt Ion: 57 Resp: 3456

Ion	Ratio	Lower	Upper
57	100		
41	183.4	69.6	104.4#
43	115.3	171.4	257.0#
56	93.6	42.0	63.0#

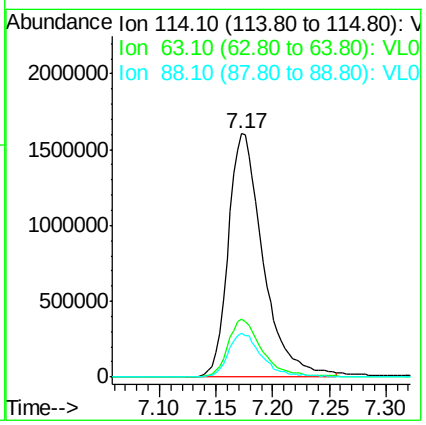


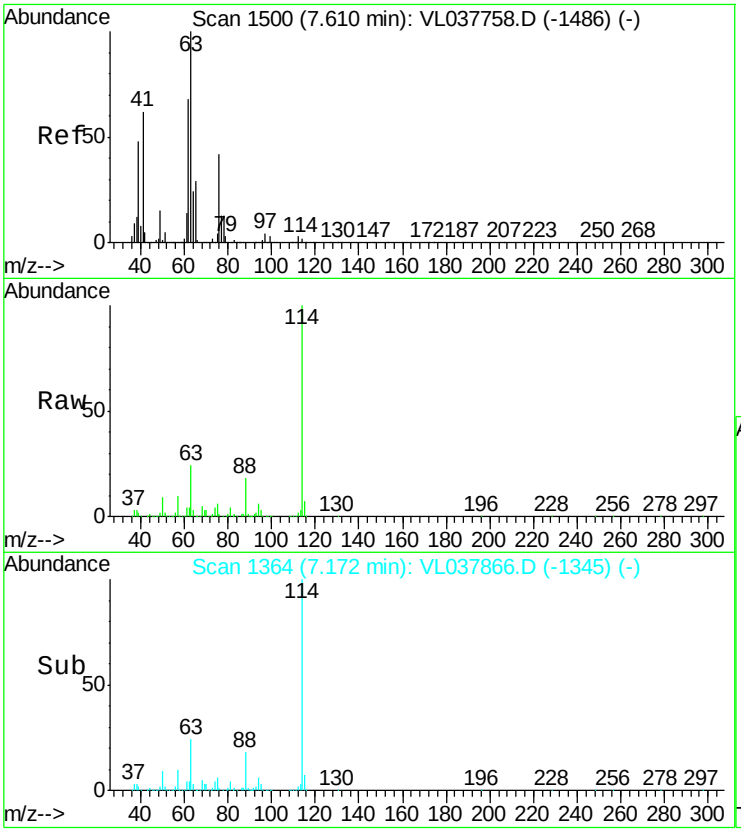


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL037866.D
Acq: 18 Oct 2021 23:44

Tgt Ion:114 Resp: 3447838

Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.4	29.2
88	17.8	14.4	21.6



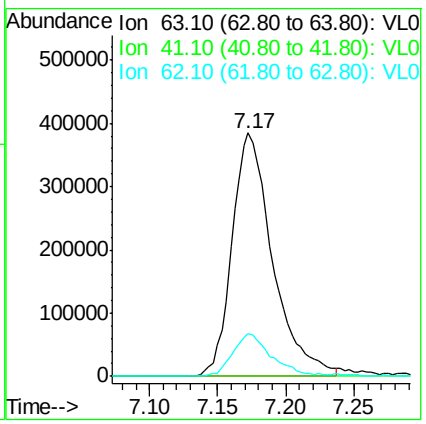


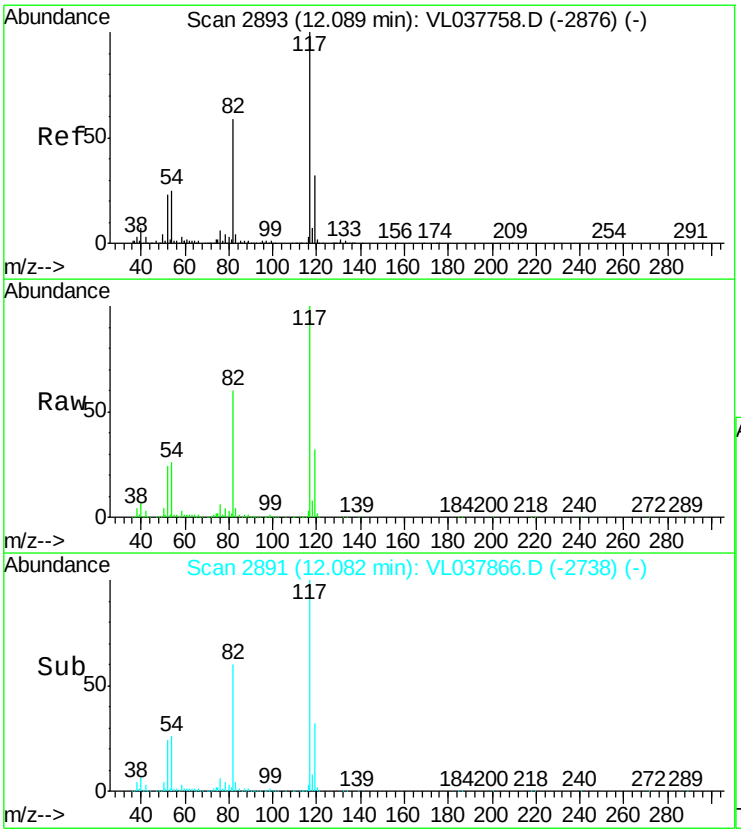
#39
1,2-Dichloropropane
Concen: 7.175 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
CAN 10333

Tgt Ion: 63 Resp: 794740

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	17.4	54.6	82.0#

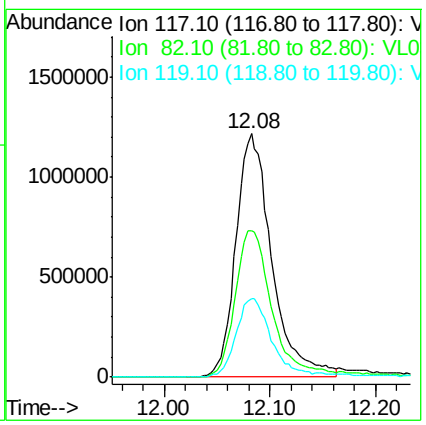


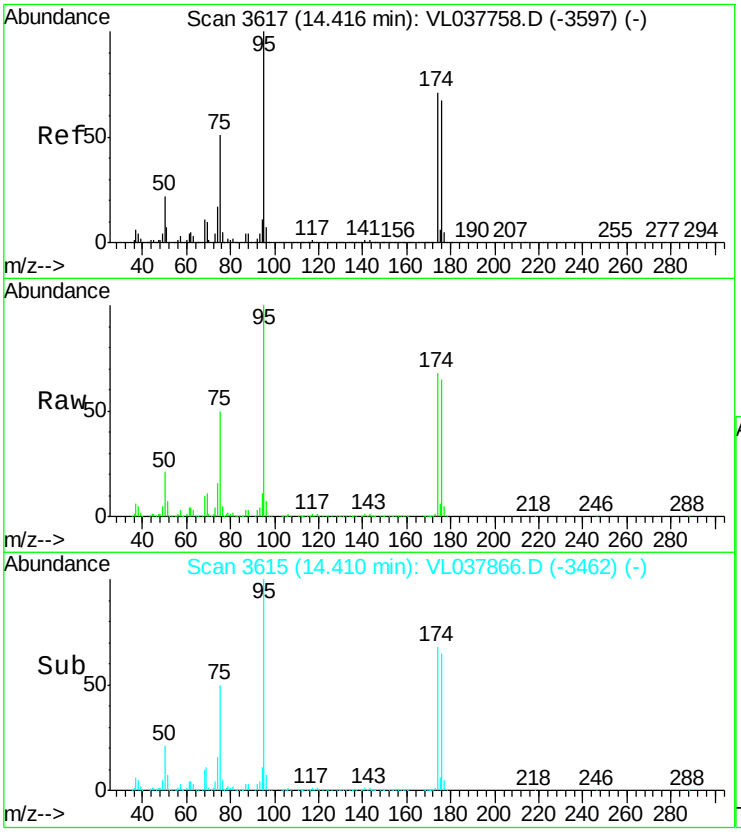


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL037866.D
Acq: 18 Oct 2021 23:44

Tgt Ion:117 Resp: 2885864

Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.2	78.2
119	33.0	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.873 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:44

Instrument :
MSVOA_L
ClientSampleId :
CAN 10333

Tgt Ion: 95 Resp: 1992371

Ion	Ratio	Lower	Upper
95	100		
174	76.2	57.8	86.6
175	5.5	4.7	7.1