Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090721\
Data File : VL037555.D
Acq On : 7 Sep 2021 17:47
Operator : SY/AP
Sample : CAN 10588
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10588

Quant Time: Sep 08 11:10:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1681012	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4794227	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4228052	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3116752	10.38	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.80%			
Target Compounds						Qvalue
9) Propene	3.02	41	9317	0.081	ppbv	90
15) Acetone	3.88	43	33074	0.193	ppbv #	1
20) Methylene Chloride	4.35	84	6983	0.082	ppbv #	29
30) Cyclohexane	7.16	84	7053	0.040	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	1141078	7.368	ppbv #	27

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

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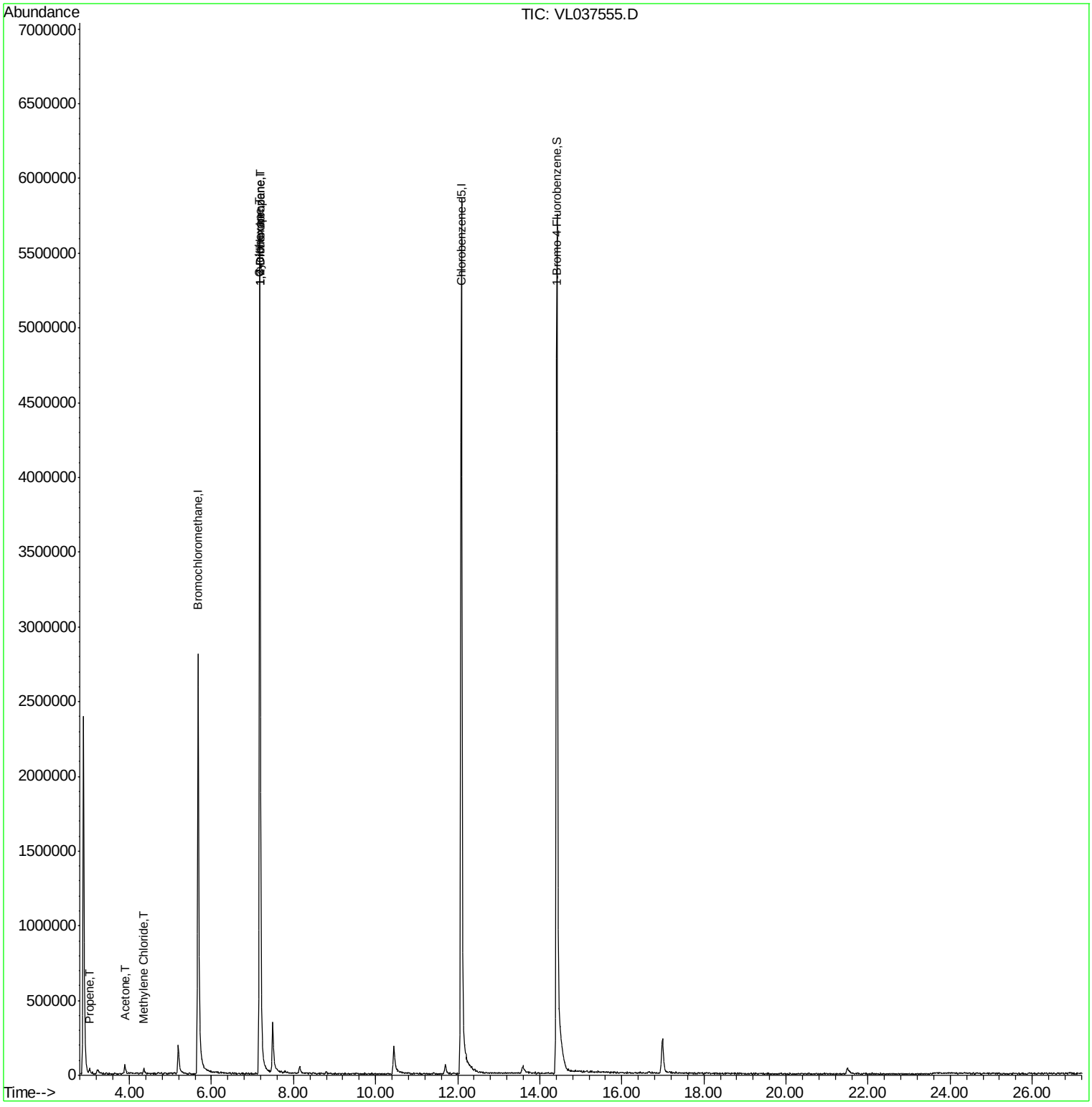
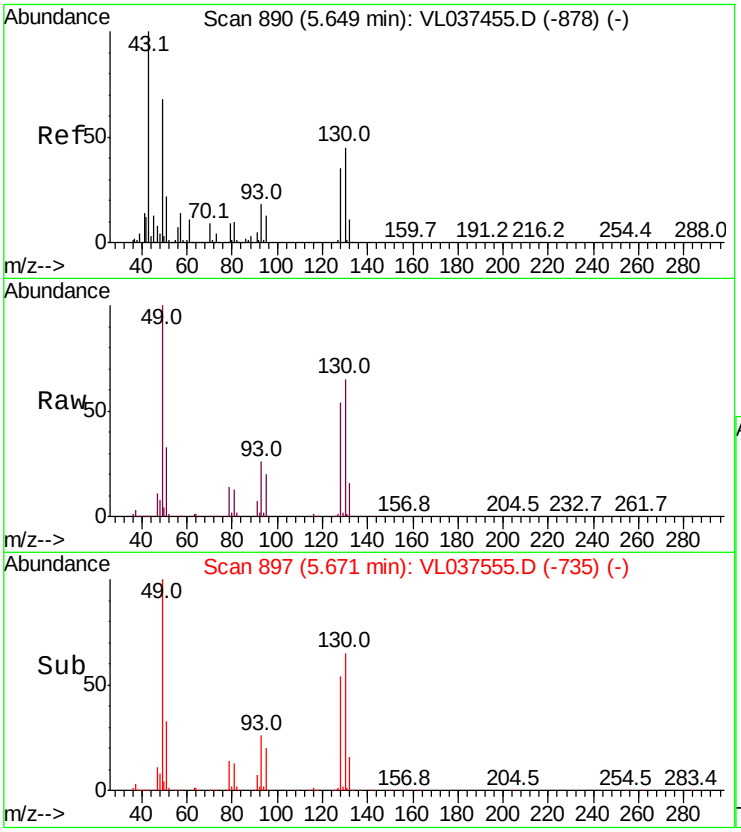


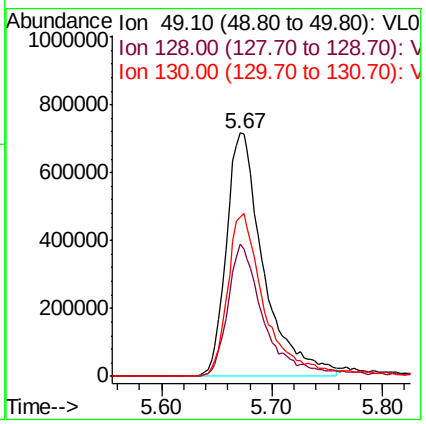


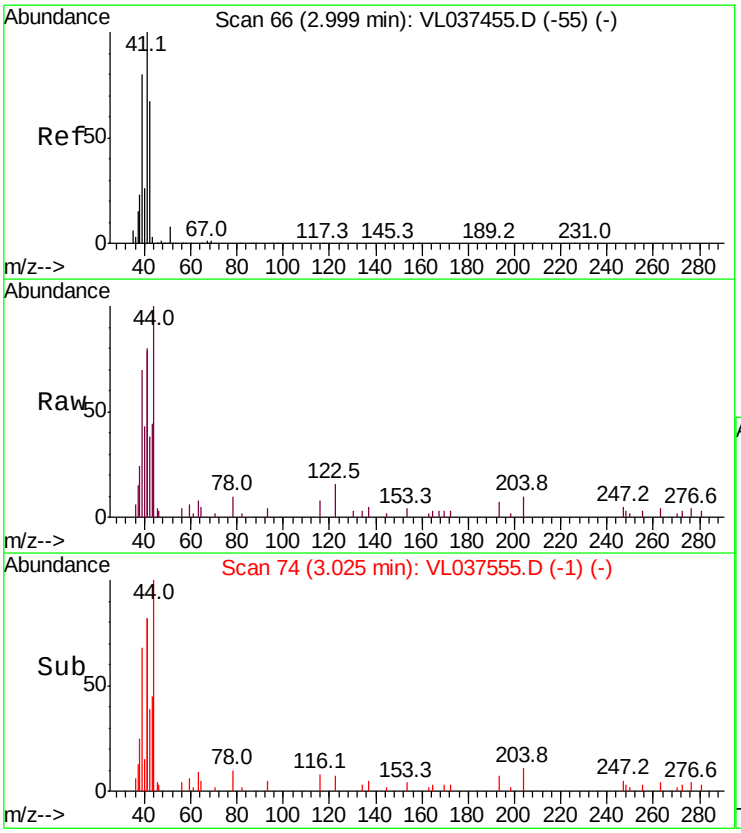
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.02 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Instrument :
MSVOA_L
ClientSampleId :
CAN 10588

Tgt Ion: 49 Resp: 1681012

Ion	Ratio	Lower	Upper
49	100		
128	54.0	27.5	82.4
130	68.5	34.0	101.8

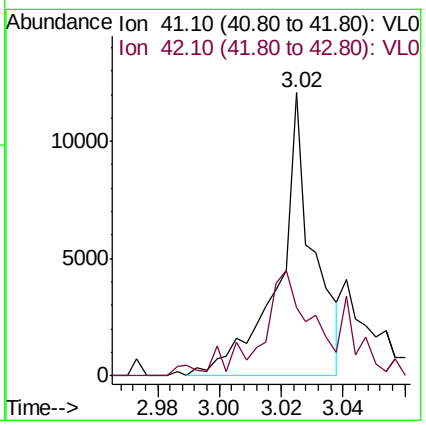


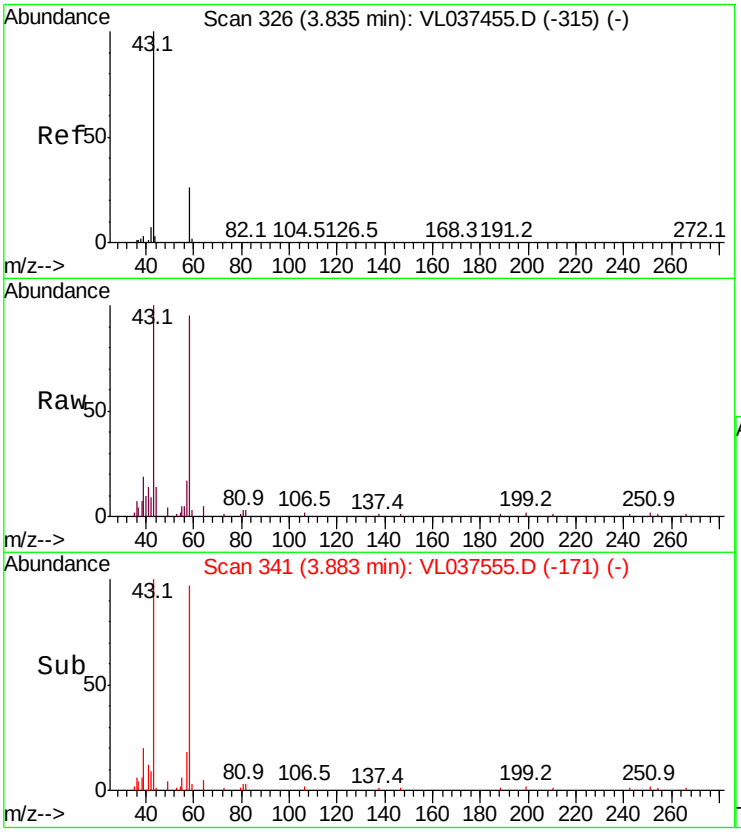


#9
Propene
Concen: 0.081 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.03 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Tgt Ion: 41 Resp: 9317

Ion	Ratio	Lower	Upper
41	100		
42	75.3	53.7	80.5



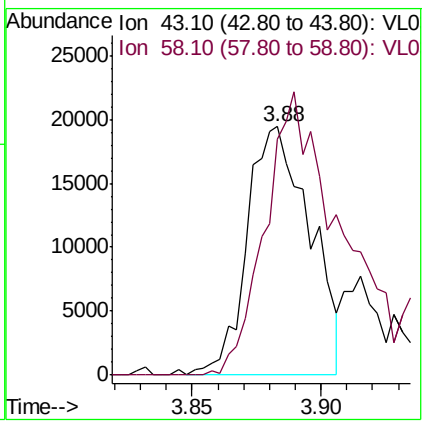


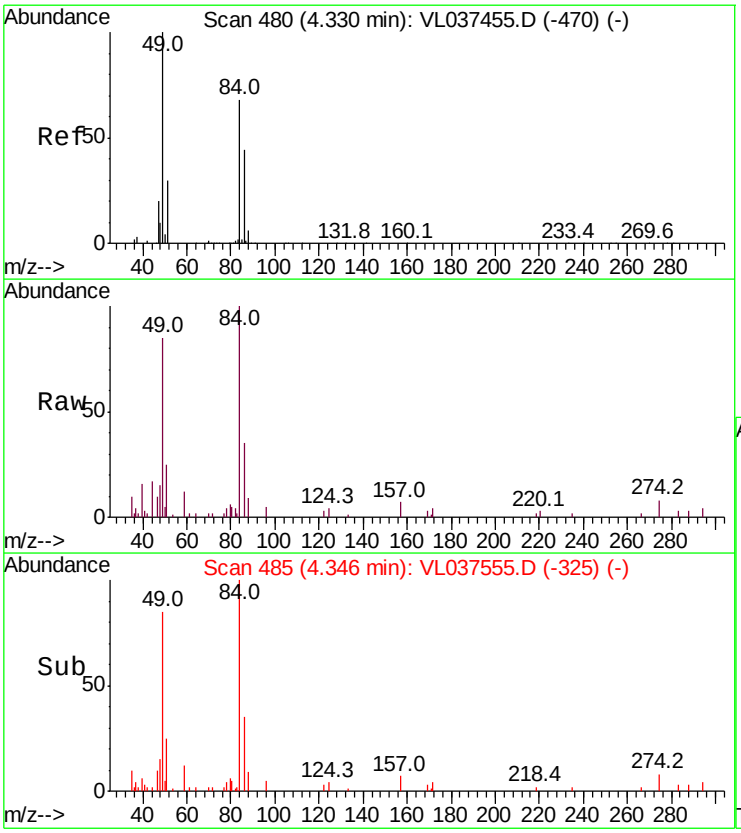
#15
Acetone
Concen: 0.193 ppbv
RT: 3.88 min Scan# 341
Delta R.T. 0.05 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Instrument : MSVOA_L
ClientSampleId : CAN 10588

Tgt Ion: 43 Resp: 33074

Ion	Ratio	Lower	Upper
43	100		
58	162.0	24.8	37.2#

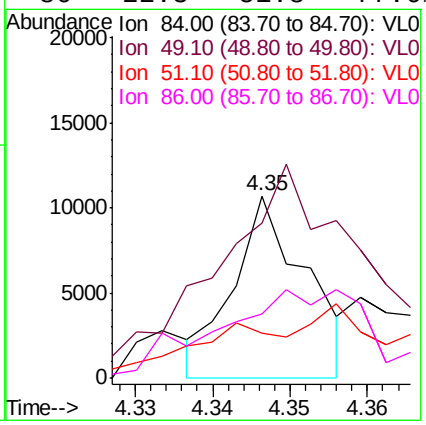


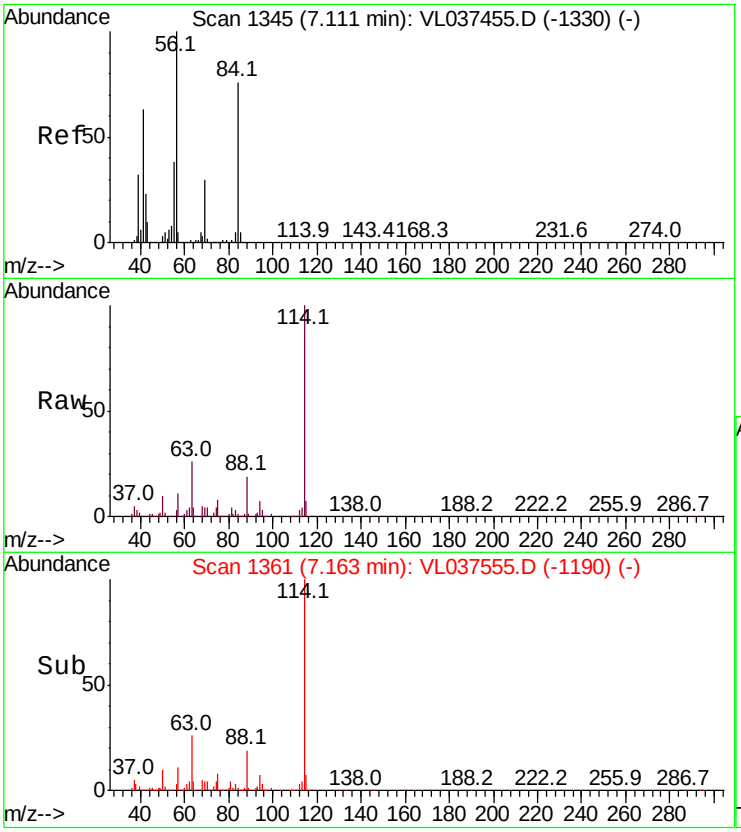


#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Tgt Ion: 84 Resp: 6983

Ion	Ratio	Lower	Upper
84	100		
49	43.5	118.2	177.2#
51	9.2	36.6	55.0#
86	22.3	51.8	77.6#



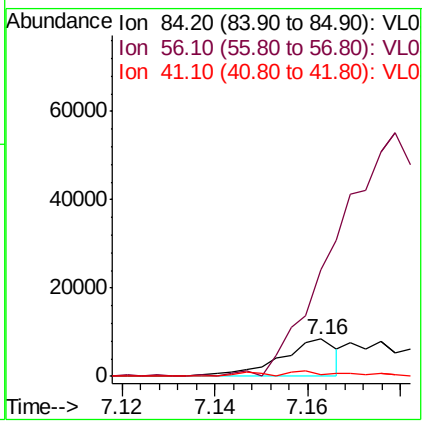


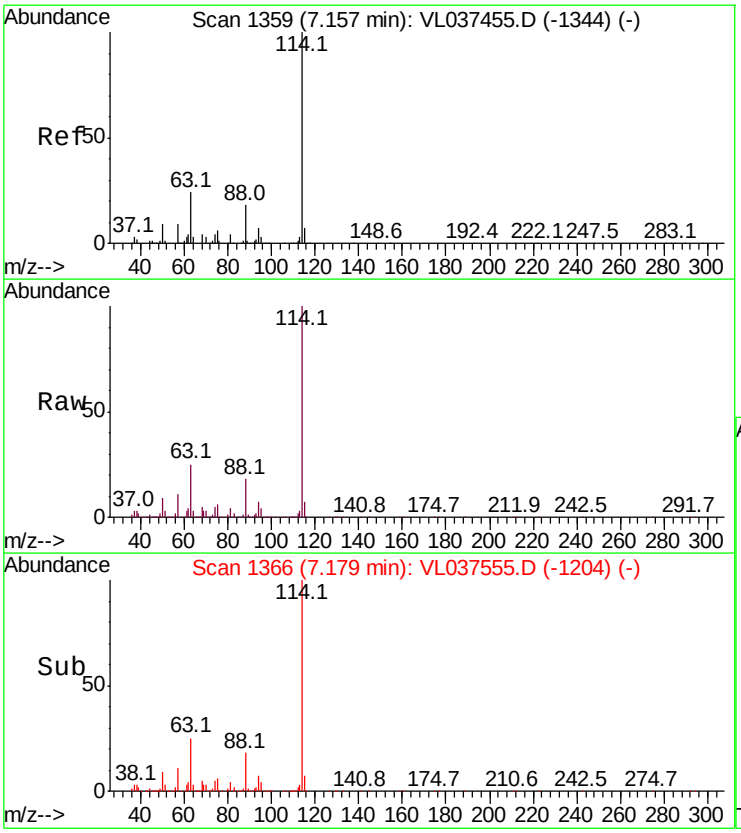
#30
Cyclohexane
Concen: 0.040 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.05 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Instrument : MSVOA_L
ClientSampleId : CAN 10588

Tgt Ion: 84 Resp: 7053

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	67.0	100.6#

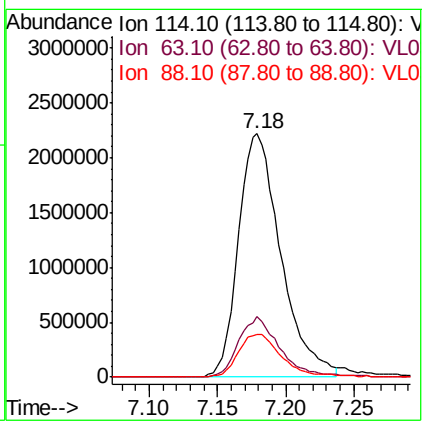


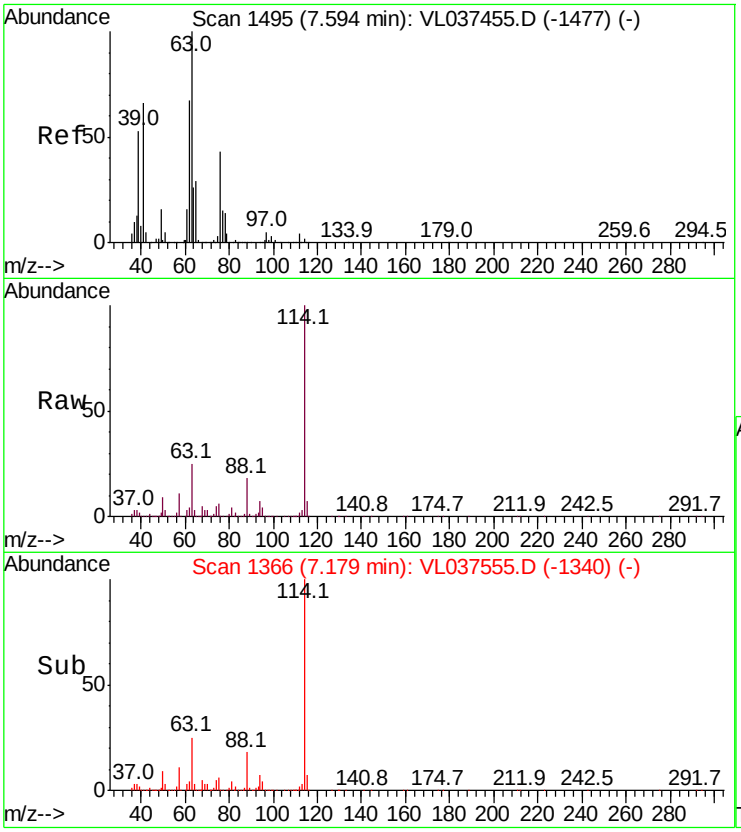


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Tgt Ion:114 Resp: 4794227

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.3	28.9
88	18.3	14.2	21.4



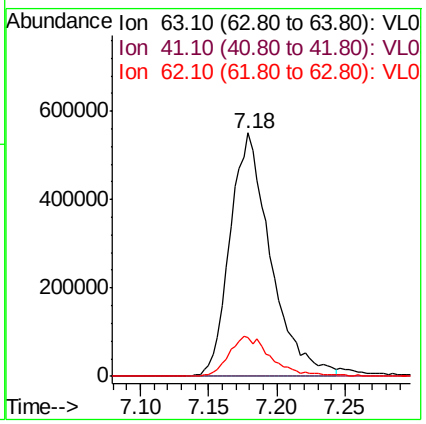


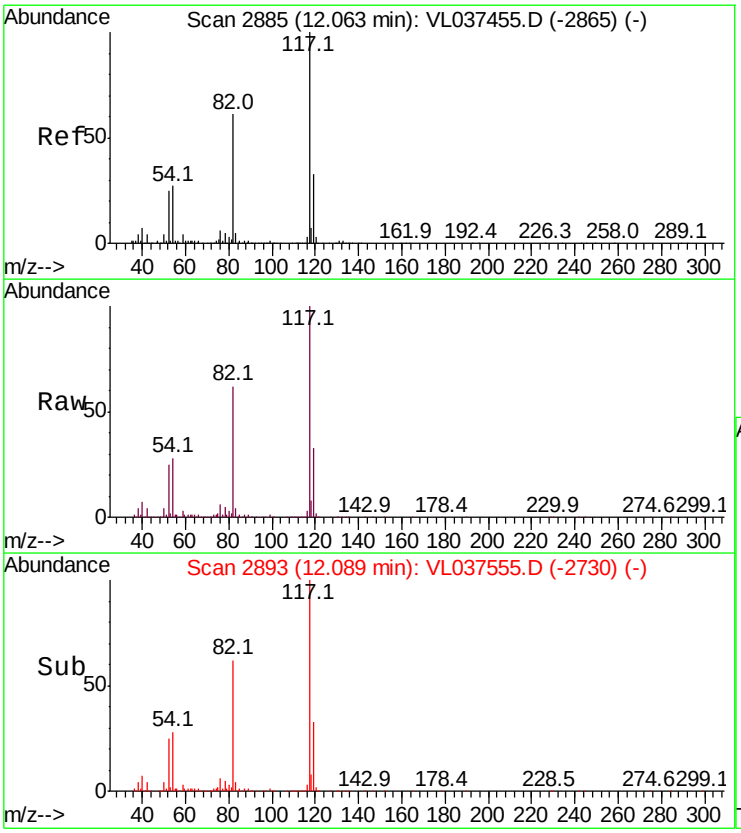
#39
1,2-Dichloropropane
Concen: 7.368 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.41 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Instrument :
MSVOA_L
ClientSampleId :
CAN 10588

Tgt Ion: 63 Resp: 1141078

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	16.0	53.6	80.4#

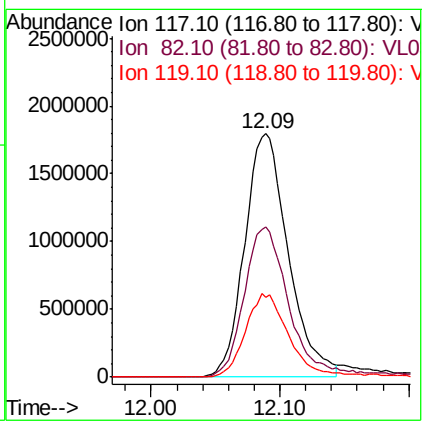


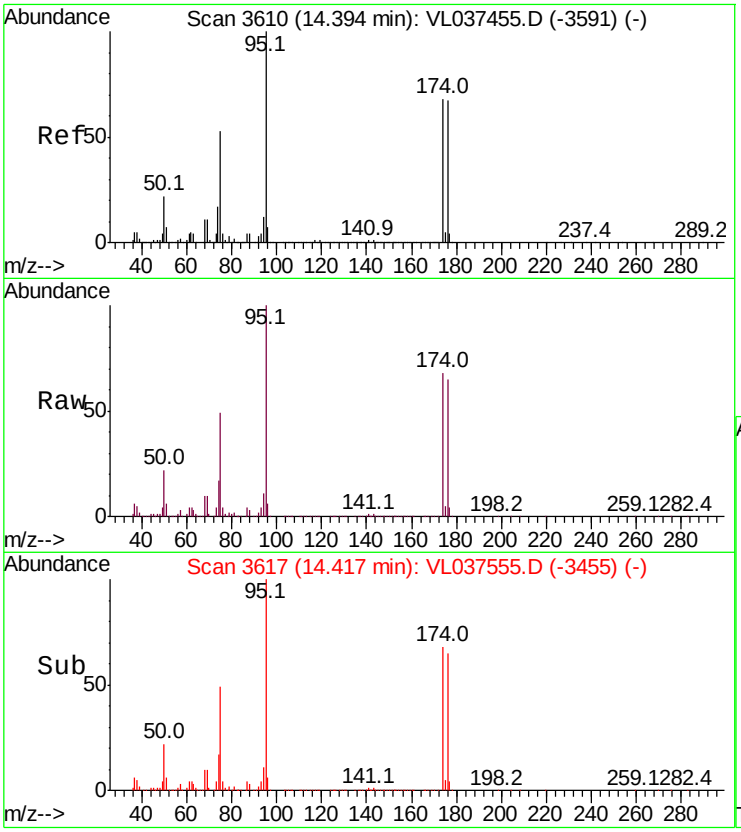


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Tgt Ion:117 Resp: 4228052

Ion	Ratio	Lower	Upper
117	100		
82	66.8	52.9	79.3
119	35.3	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.376 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037555.D
Acq: 7 Sep 2021 17:47

Instrument :
MSVOA_L
ClientSampleId :
CAN 10588

Tgt Ion: 95 Resp: 3116752

Ion	Ratio	Lower	Upper
95	100		
174	75.0	59.6	89.4
175	5.4	4.6	7.0