Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061621\
Data File : VL037192.D
Acq On : 17 Jun 2021 5:35
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 17 06:11:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1470681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4322781	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3703275	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2686510	9.57	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.70%			
Target Compounds						Qvalue
9) Propene	3.02	41	8101	0.089	ppbv	100
13) Ethanol	3.63	45	851	0.060	ppbv #	7
39) 1,2-Dichloropropane	7.18	63	1033590	7.957	ppbv #	23

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

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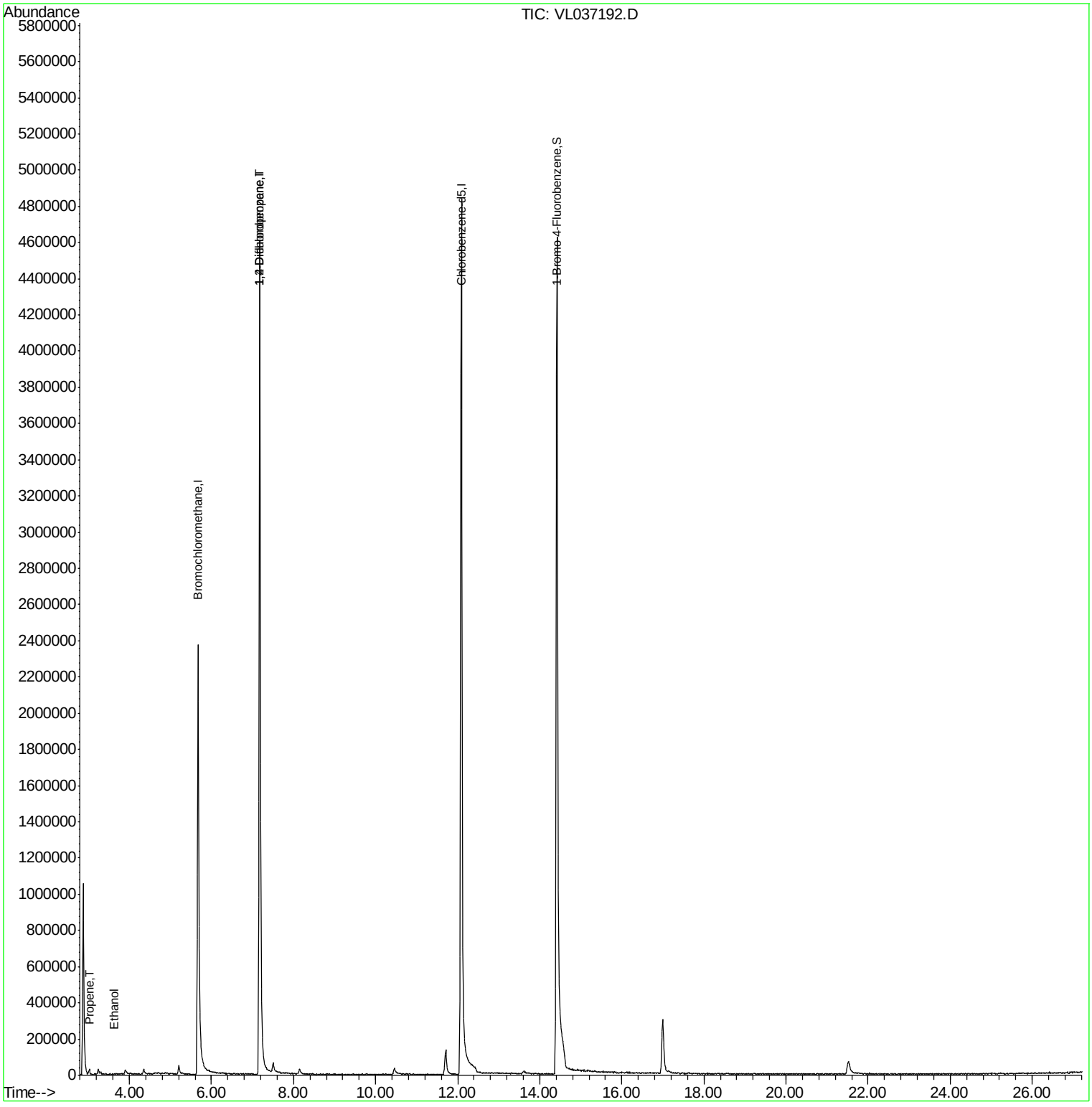
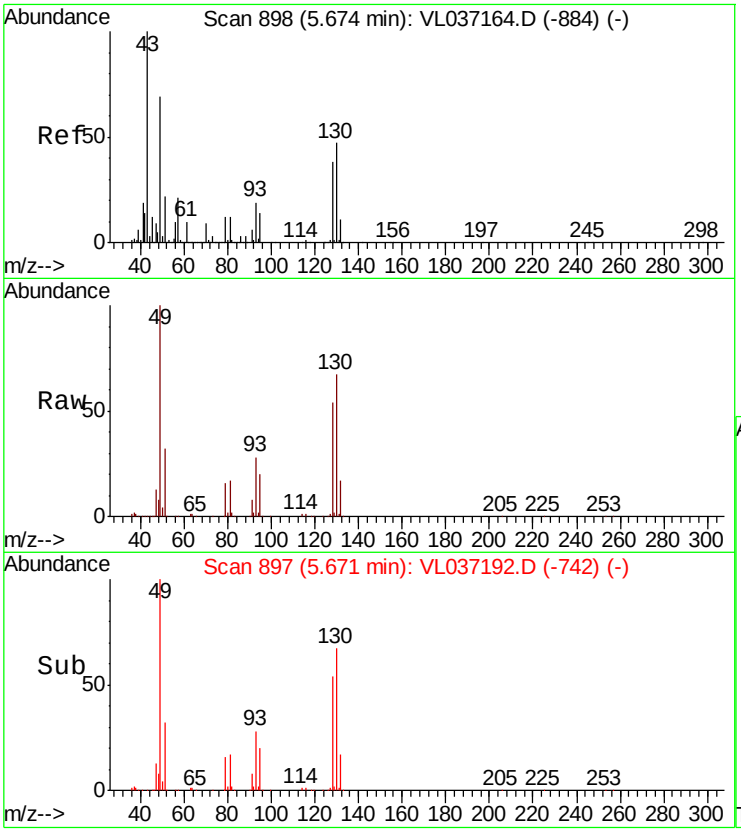


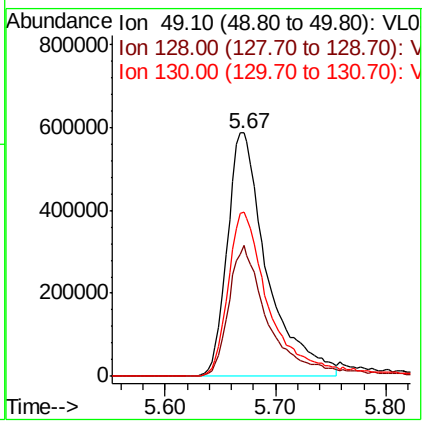


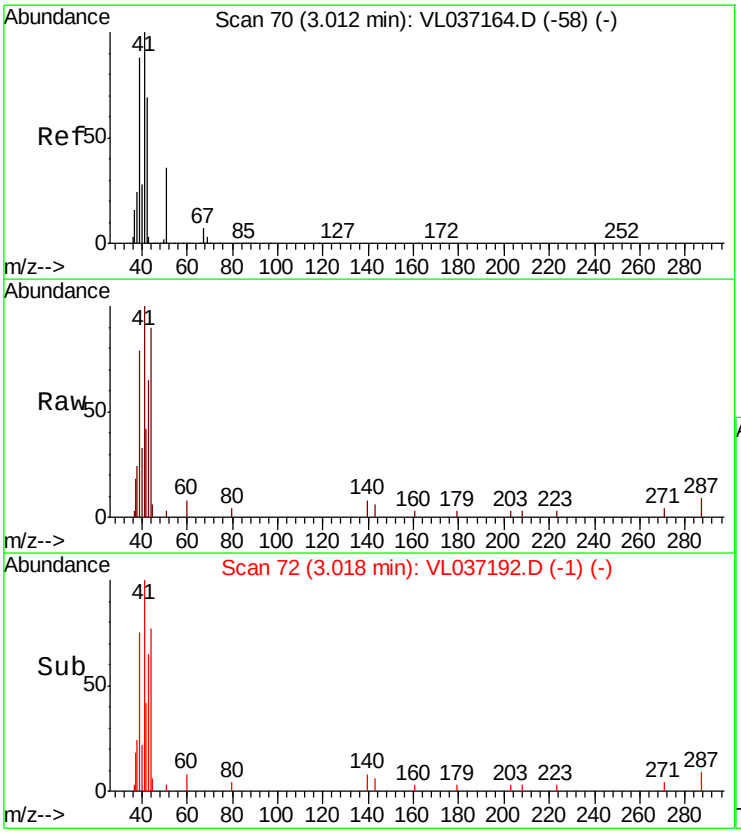
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1470681

Ion	Ratio	Lower	Upper
49	100		
128	56.7	29.3	88.0
130	73.0	35.9	107.8

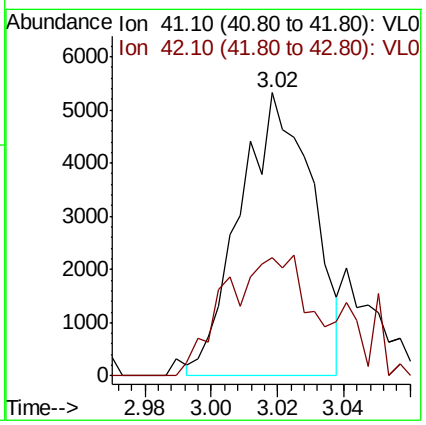


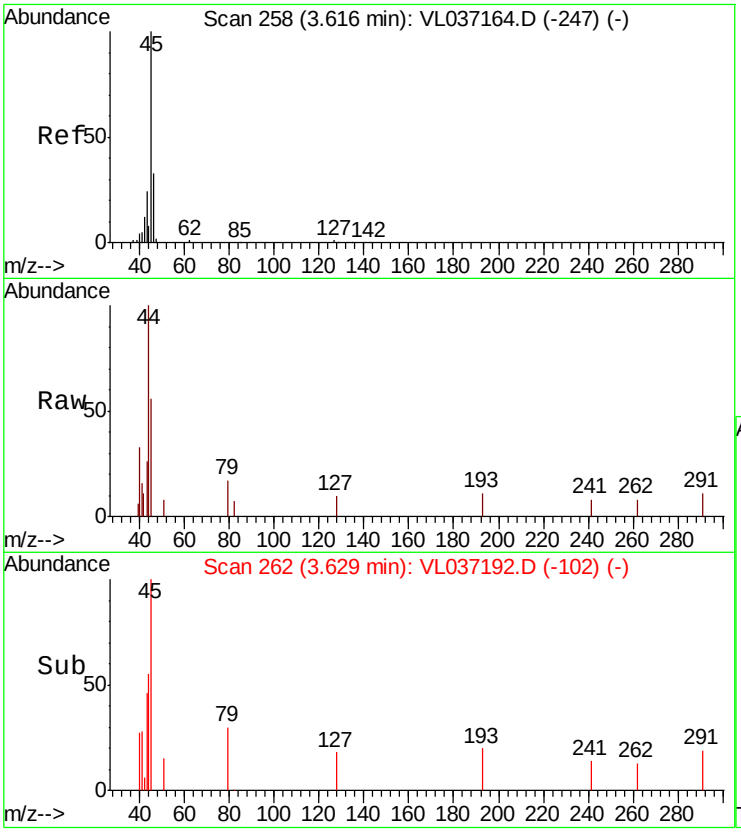


#9
Propene
Concen: 0.089 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Tgt Ion: 41 Resp: 8101

Ion	Ratio	Lower	Upper
41	100		
42	68.4	54.5	81.7



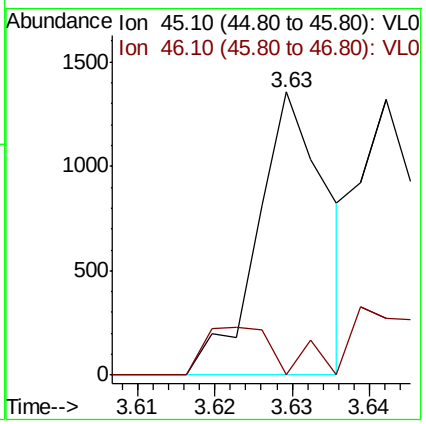


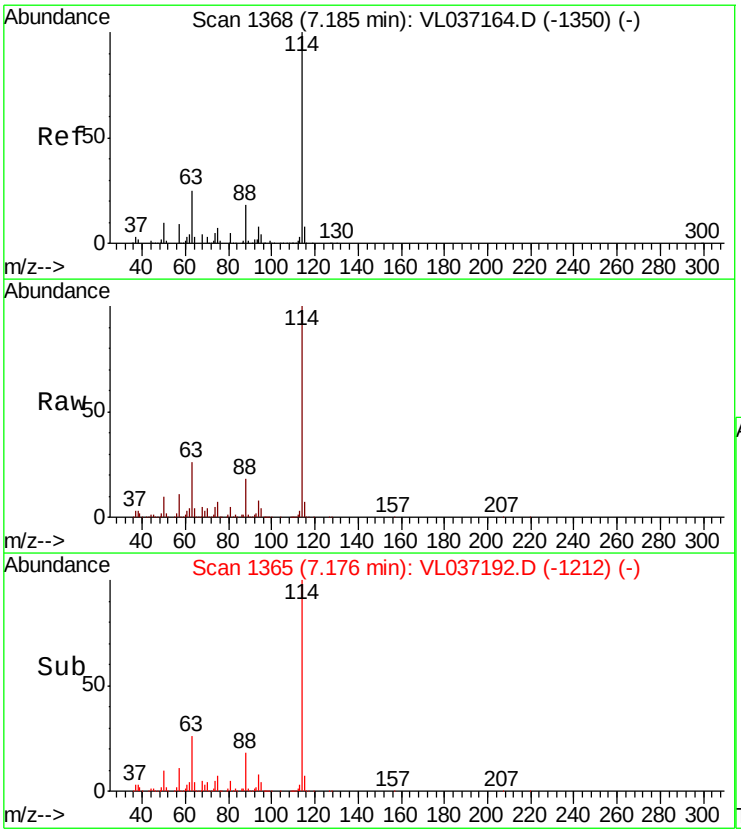
#13
Ethanol
Concen: 0.060 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 851

Ion	Ratio	Lower	Upper
45	100		
46	0.0	34.2	137.0#

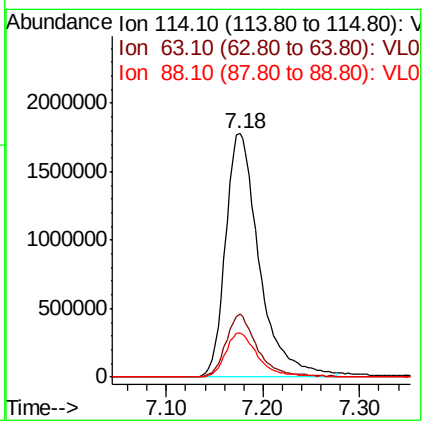


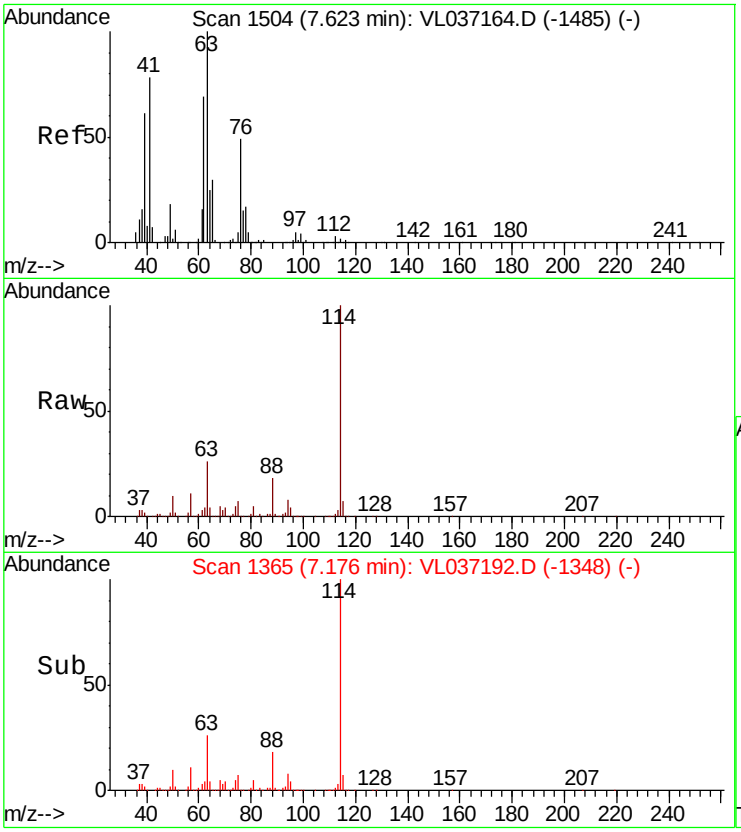


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Tgt Ion:114 Resp: 4322781

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.8	14.2	21.2



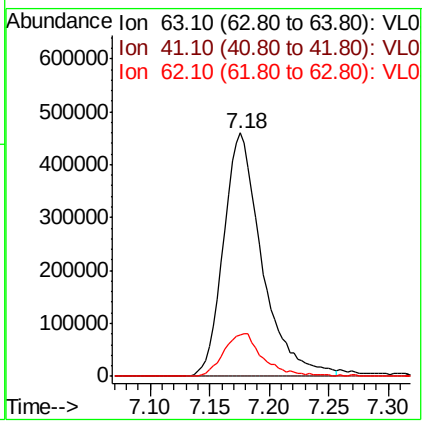


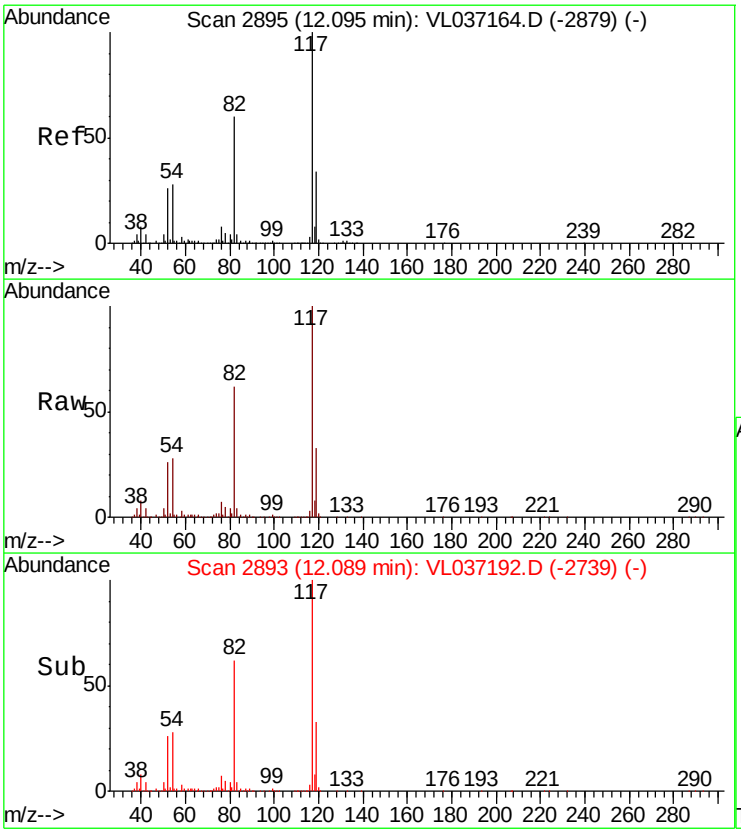
#39
1,2-Dichloropropane
Concen: 7.957 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.45 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1033590

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	16.9	54.9	82.3#

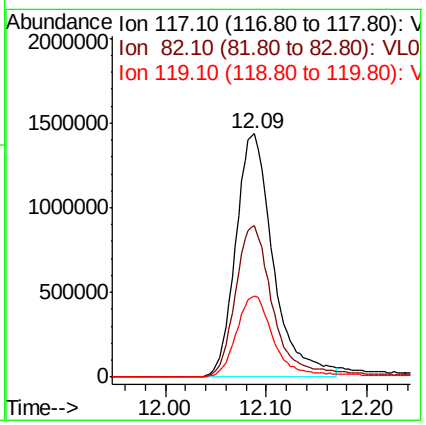


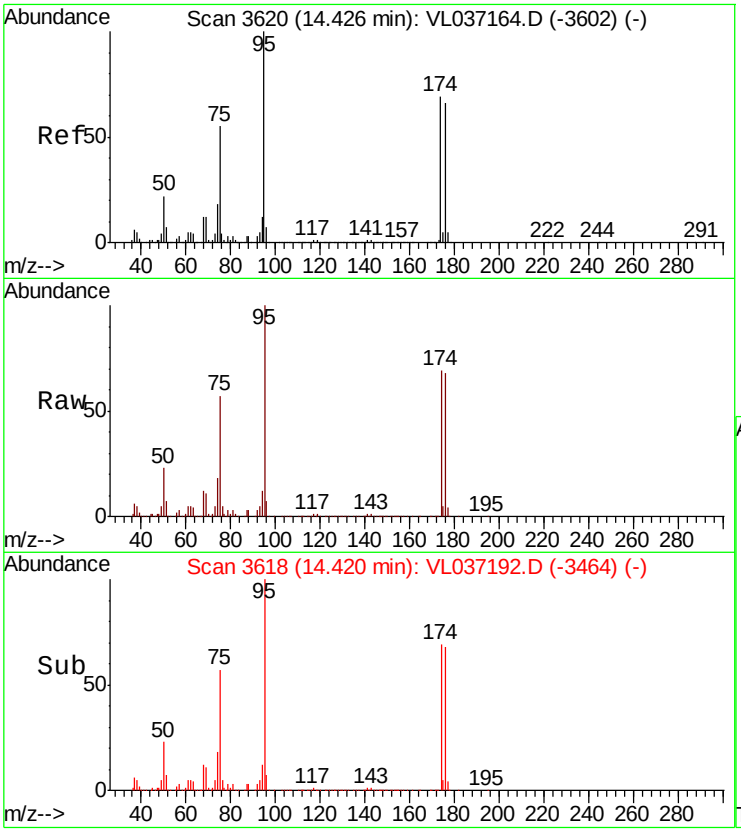


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Tgt Ion:117 Resp: 3703275

Ion	Ratio	Lower	Upper
117	100		
82	65.8	51.7	77.5
119	34.7	47.6	71.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.574 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL037192.D
Acq: 17 Jun 2021 5:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2686510

Ion	Ratio	Lower	Upper
95	100		
174	76.6	57.0	85.4
175	5.4	4.4	6.6