Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

Quantitation Report (Not Reviewed)

Data File : VL033790.D
Acq On : 24 May 2019 2:03
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: May 24 04:32:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	998994	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2540431	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2452600	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1980541	9.96	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%			
Target Compounds						Qvalue
9) Propene	3.18	41	802	0.016	ppbv	94
20) Methylene Chloride	4.40	84	1576	0.030	ppbv #	84
39) 1,2-Dichloropropane	7.28	63	597929	6.940	ppbv #	22

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

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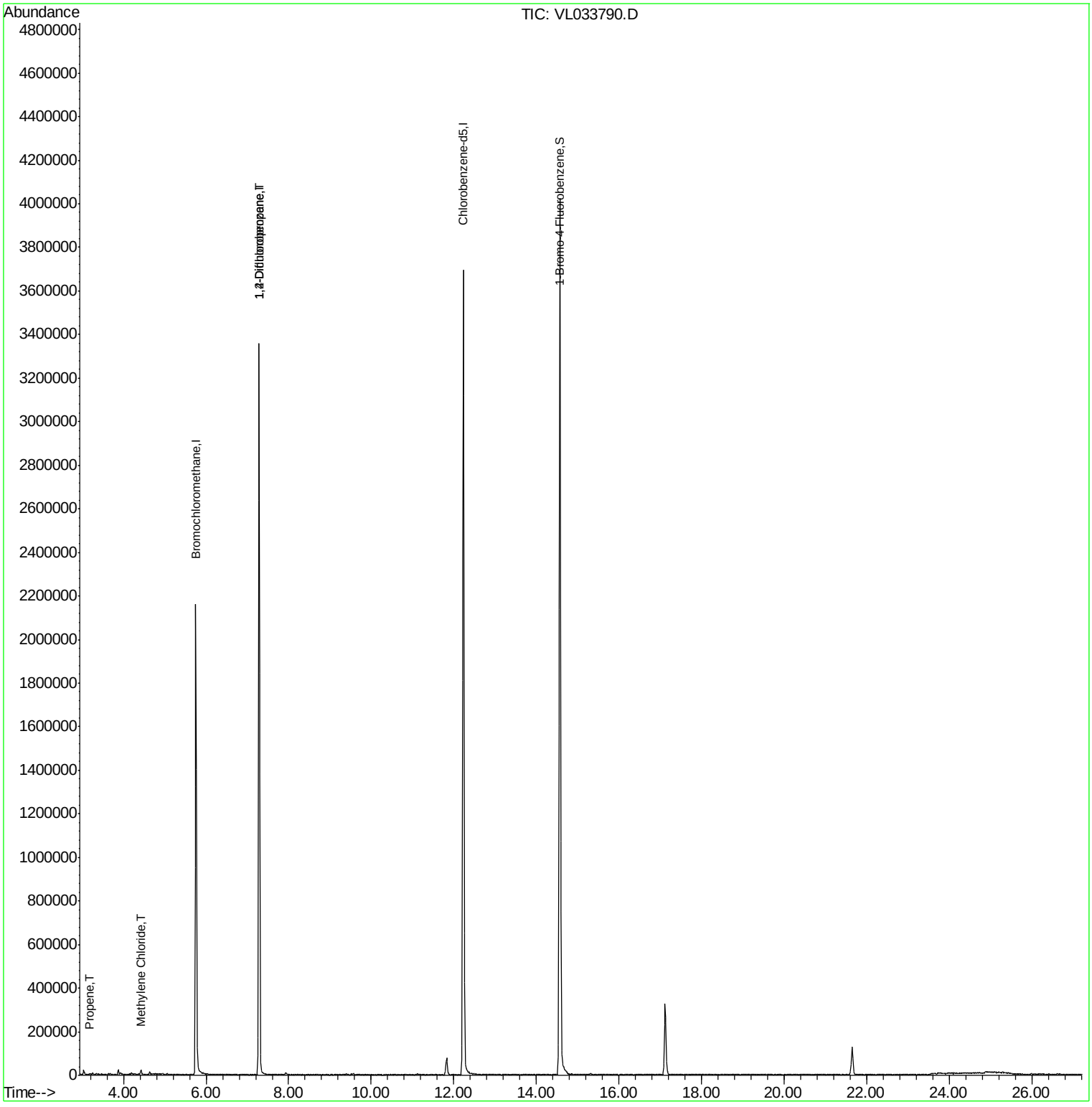
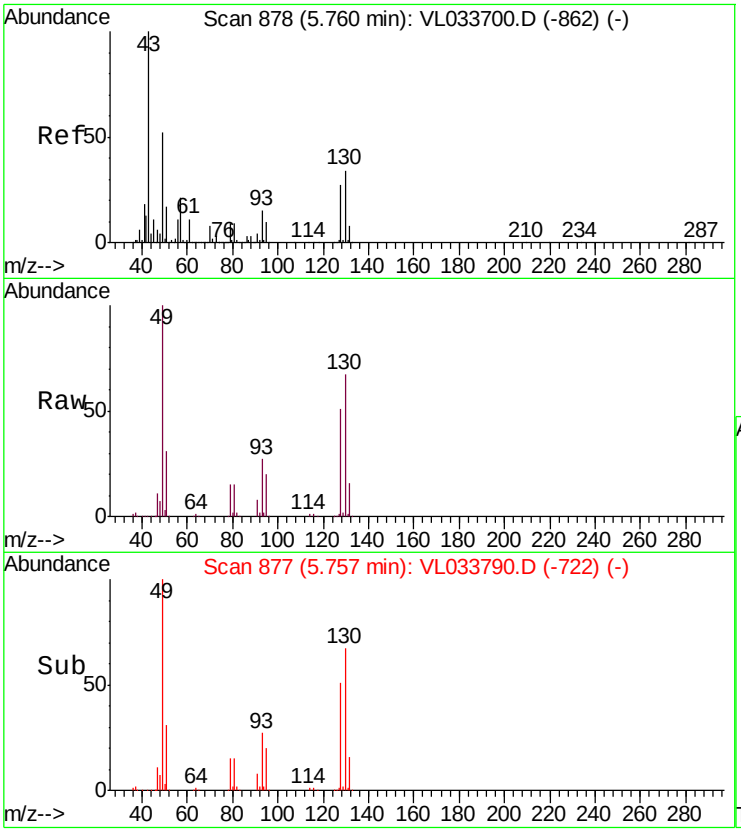


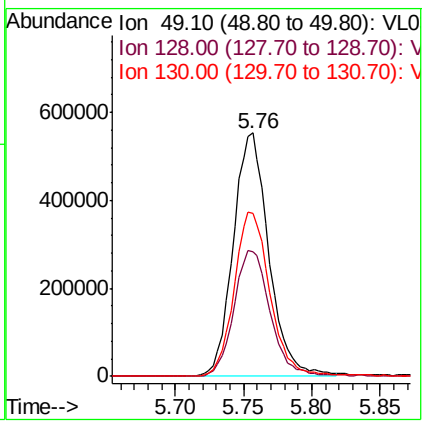


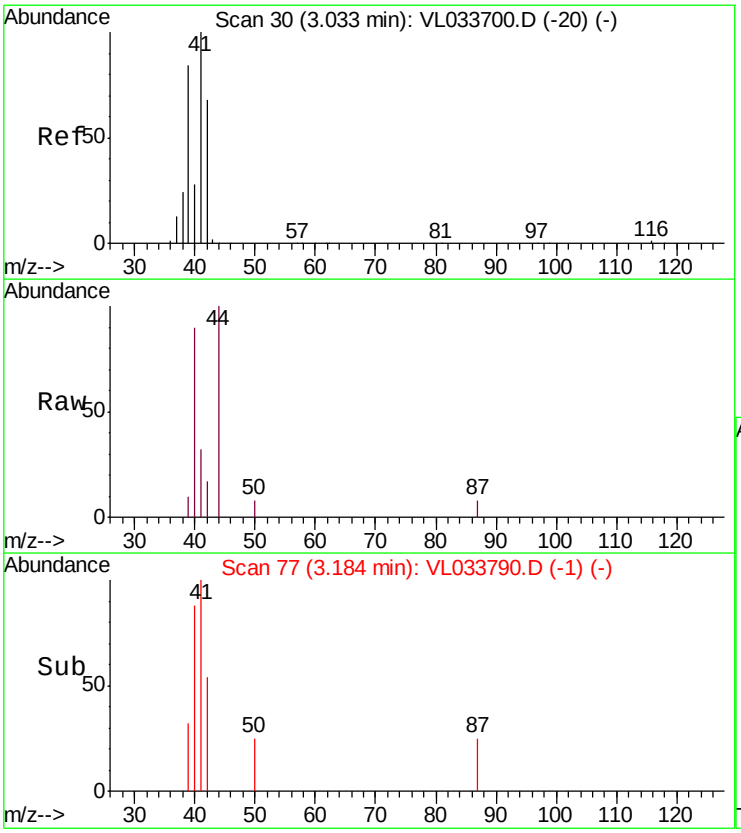
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.00 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 49 Resp: 998994

Ion	Ratio	Lower	Upper
49	100		
128	53.3	25.2	75.6
130	68.9	32.5	97.5

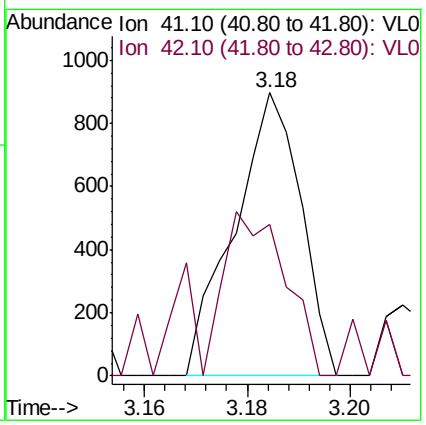


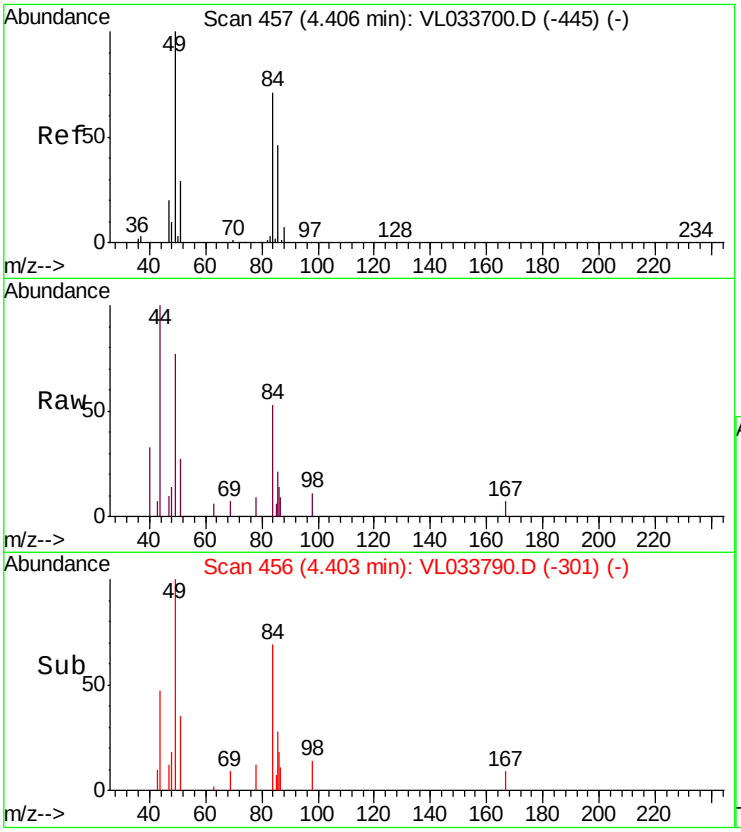


#9
Propene
Concen: 0.016 ppbv
RT: 3.18 min Scan# 77
Delta R.T. 0.15 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Tgt Ion: 41 Resp: 802

Ion	Ratio	Lower	Upper
41	100		
42	75.3	56.1	84.1



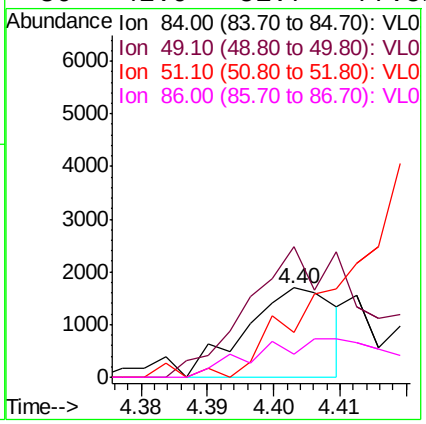


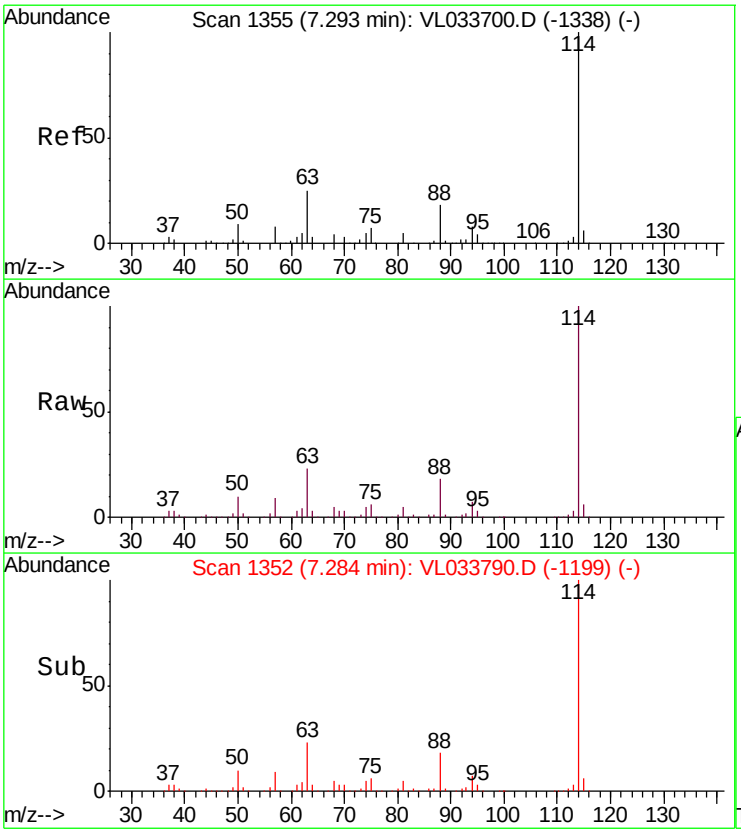
#20
Methylene Chloride
Concen: 0.030 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 1576

Ion	Ratio	Lower	Upper
84	100		
49	126.8	112.8	169.2
51	50.5	33.4	50.0#
86	42.9	51.7	77.5#

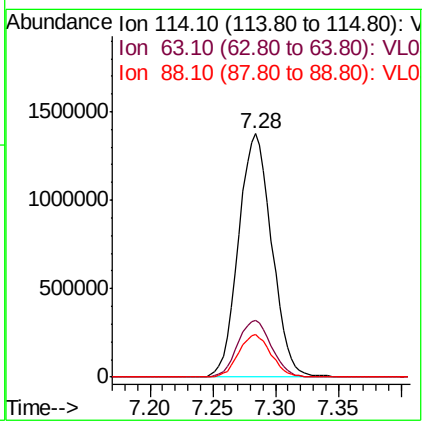


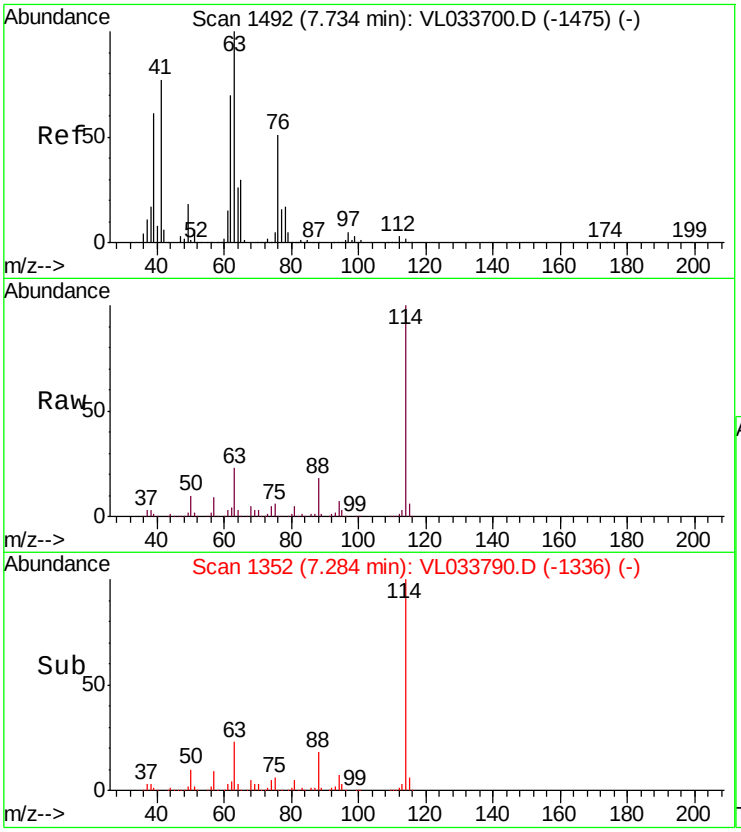


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Tgt Ion:114 Resp: 2540431

Ion	Ratio	Lower	Upper
114	100		
63	23.7	20.9	31.3
88	17.2	14.3	21.5



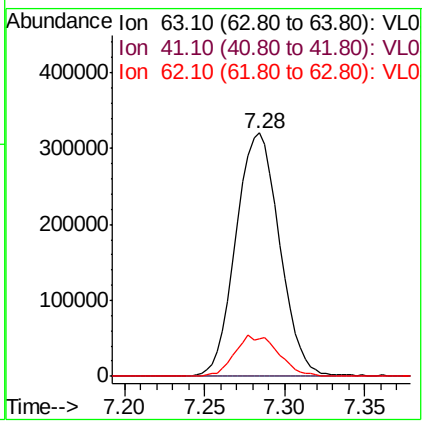


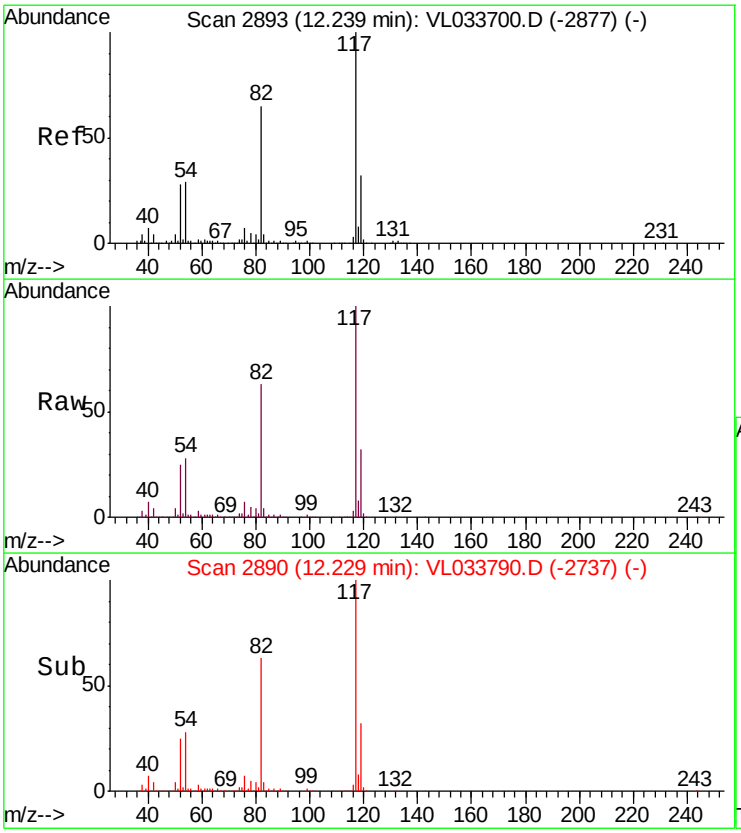
#39
1,2-Dichloropropane
Concen: 6.940 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 597929

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	15.3	56.2	84.4#

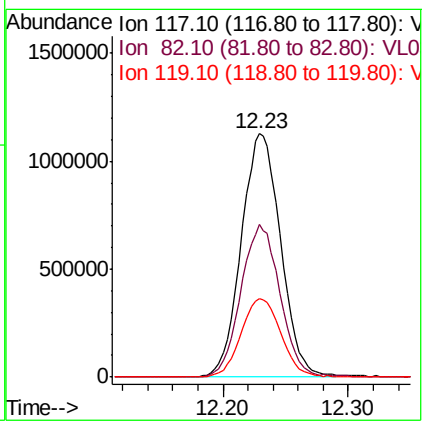


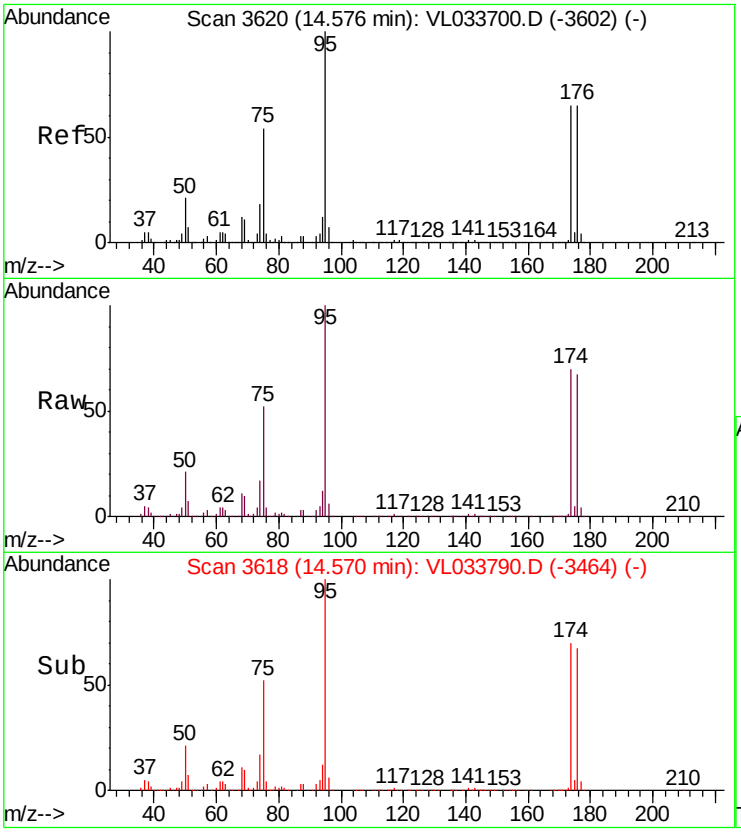


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Tgt Ion:117 Resp: 2452600

Ion	Ratio	Lower	Upper
117	100		
82	62.9	49.4	74.0
119	32.6	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033790.D
Acq: 24 May 2019 2:03

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1980541

Ion	Ratio	Lower	Upper
95	100		
174	70.6	53.9	80.9
175	4.9	3.8	5.8