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

Quantitation Report (Not Reviewed)

Data File : VL033795.D
Acq On : 24 May 2019 5:20
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: May 24 07:35:09 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	884627	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2249462	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2260393	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1830606	9.99	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%			
Target Compounds						Qvalue
20) Methylene Chloride	4.41	84	921	0.019	ppbv #	41
39) 1,2-Dichloropropane	7.28	63	532942	6.986	ppbv #	22

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

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

Quantitation Report (Not Reviewed)

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Acq On : 24 May 2019 5:20
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Misc : 400ml/MSVOA_L
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Quant Time: May 24 07:35:09 2019
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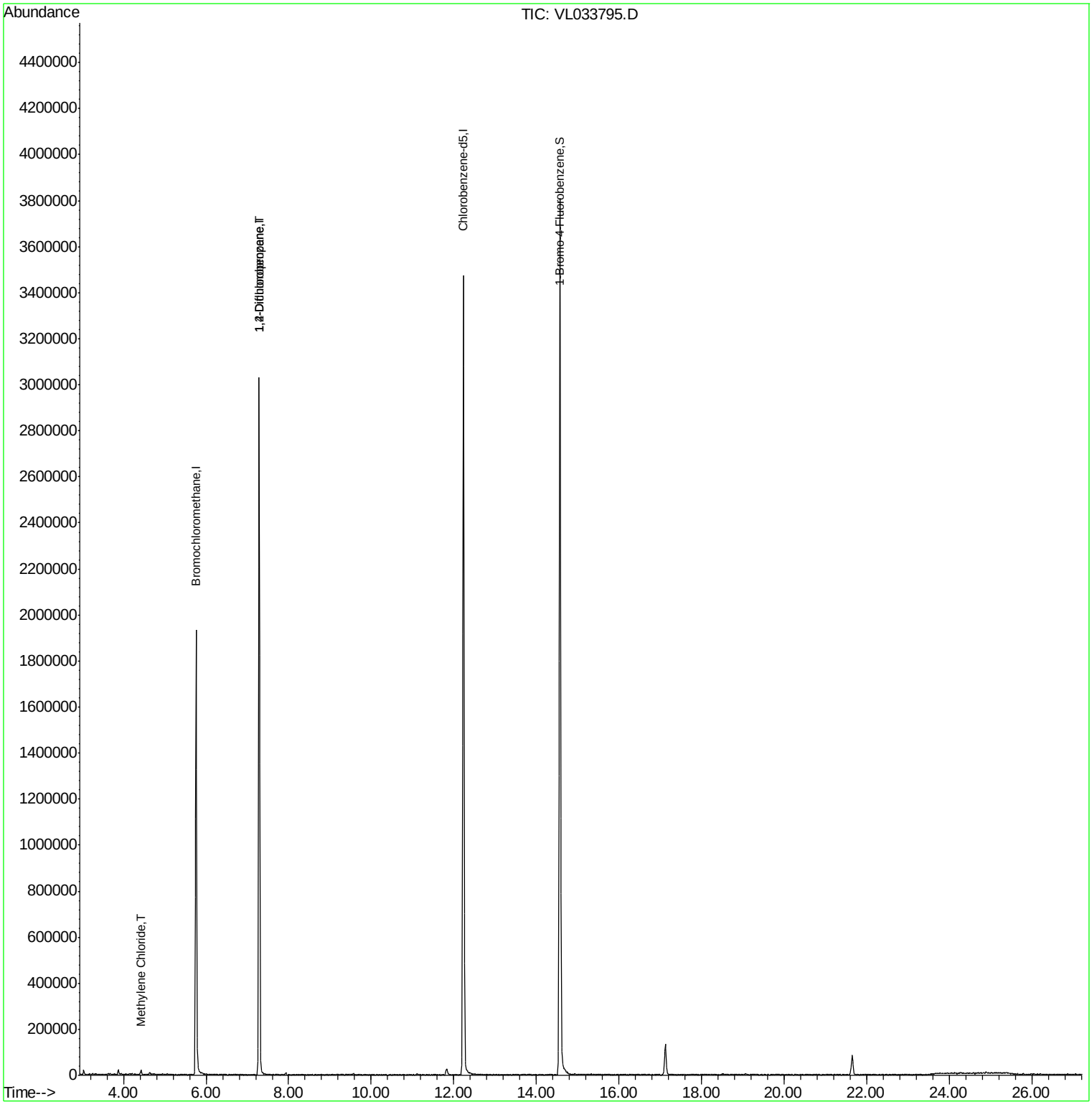
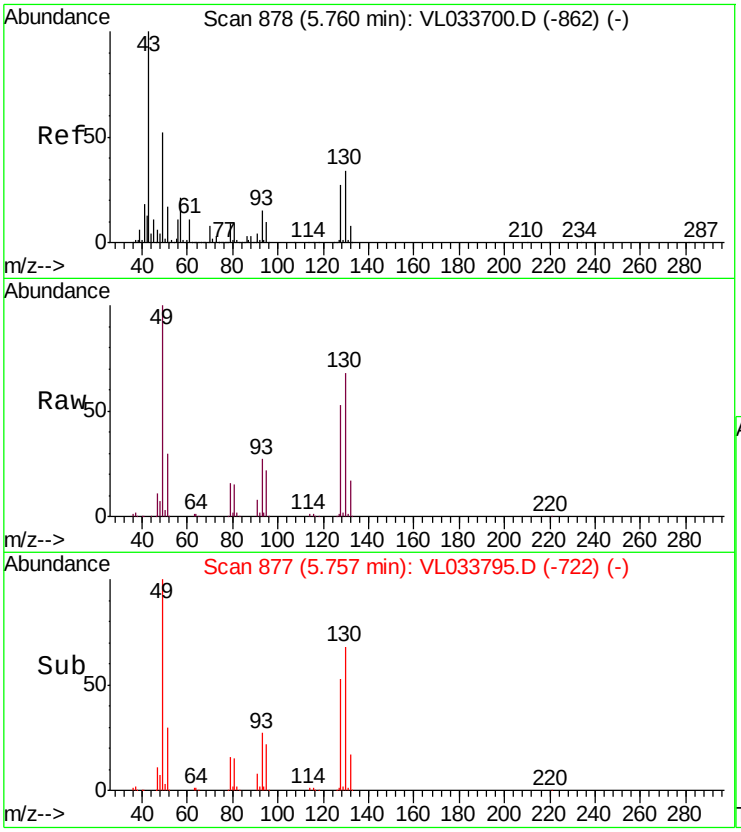
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



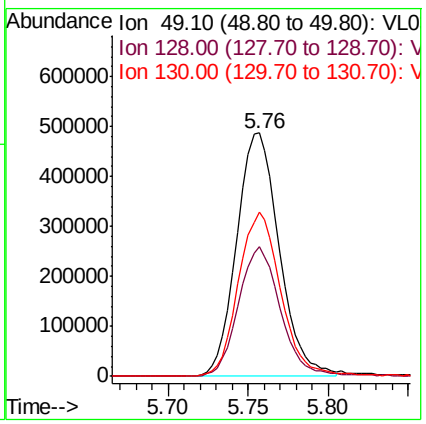


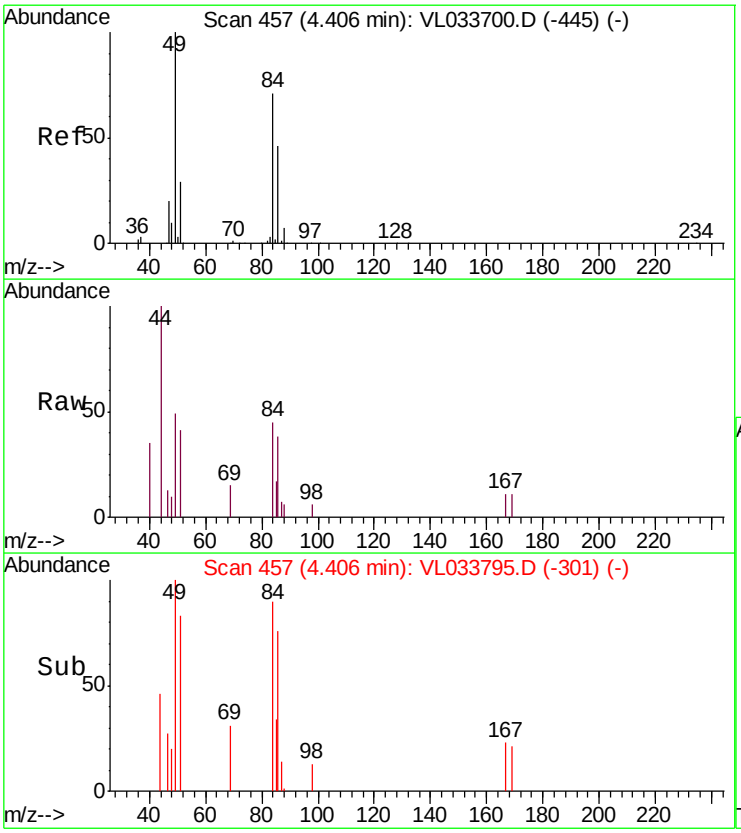
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.00 min
Lab File: VL033795.D
Acq: 24 May 2019 5:20

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 884627

Ion	Ratio	Lower	Upper
49	100		
128	52.9	25.2	75.6
130	68.3	32.5	97.5

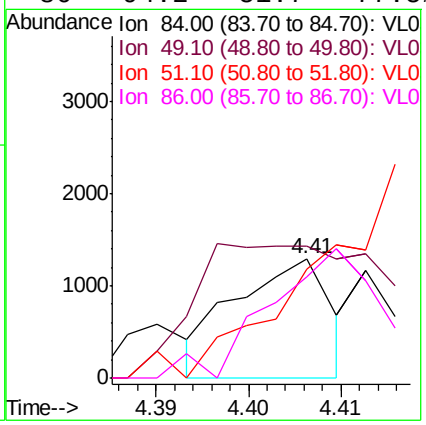


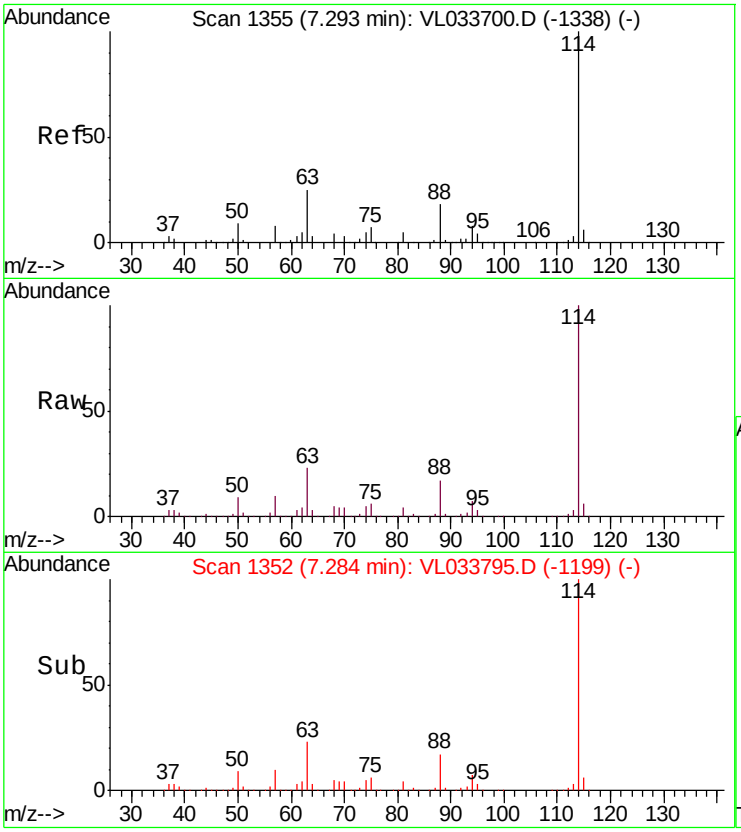


#20
Methylene Chloride
Concen: 0.019 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033795.D
Acq: 24 May 2019 5:20

Tgt Ion: 84 Resp: 921

Ion	Ratio	Lower	Upper
84	100		
49	87.9	112.8	169.2#
51	134.8	33.4	50.0#
86	94.2	51.7	77.5#



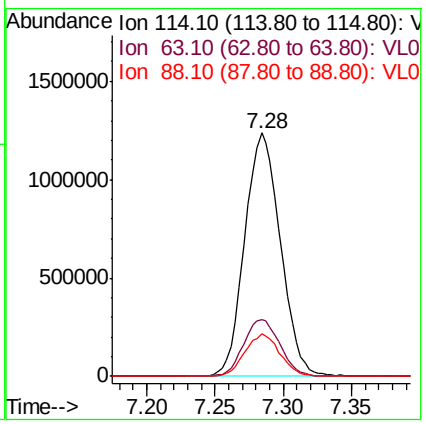


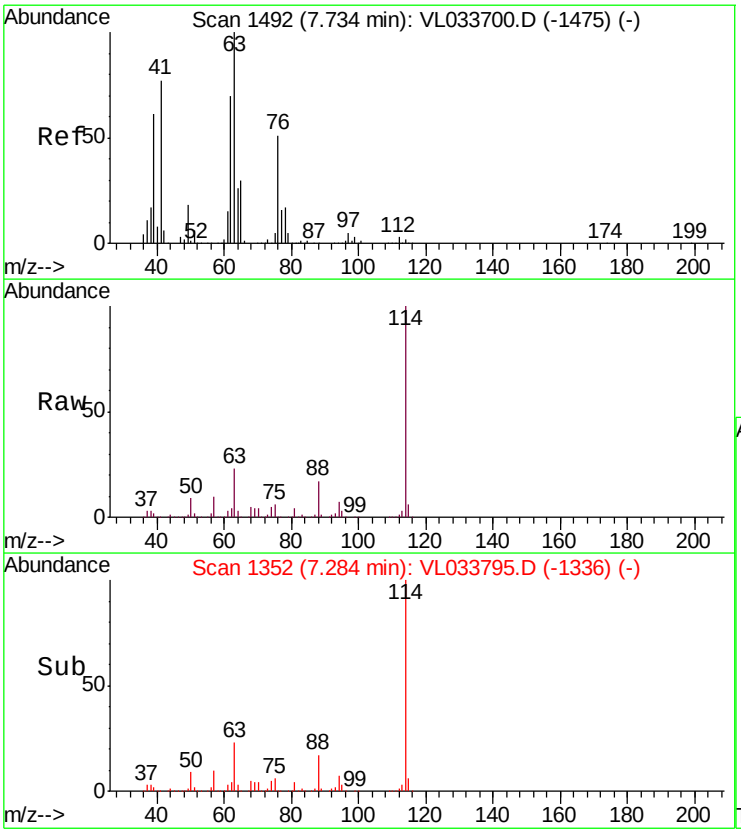
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033795.D
Acq: 24 May 2019 5:20

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 2249462

Ion	Ratio	Lower	Upper
114	100		
63	23.8	20.9	31.3
88	17.3	14.3	21.5

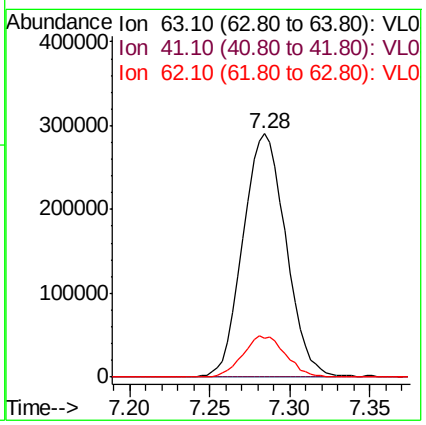


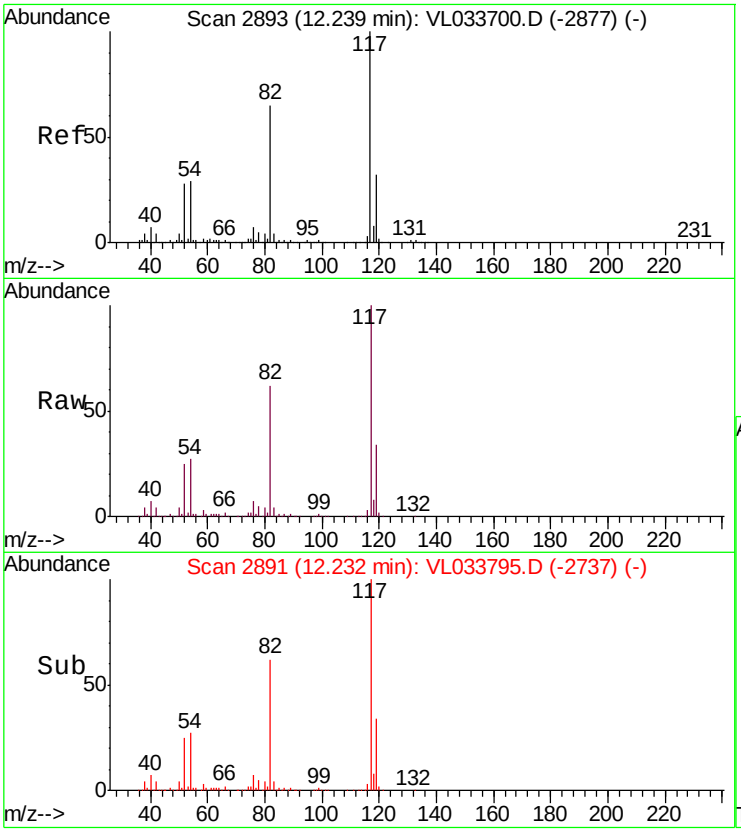


#39
1,2-Dichloropropane
Concen: 6.986 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033795.D
Acq: 24 May 2019 5:20

Tgt Ion: 63 Resp: 532942

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.5	92.3#
62	15.9	56.2	84.4#



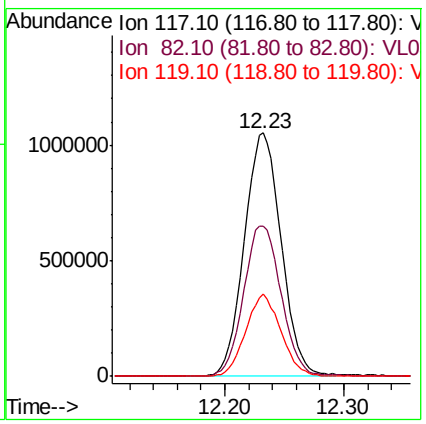


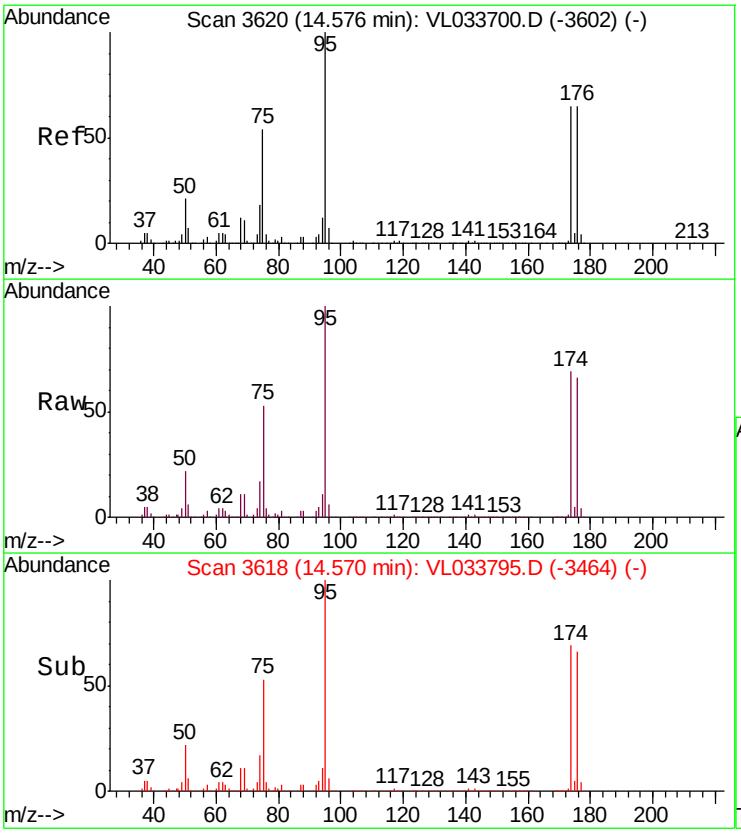
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033795.D
Acq: 24 May 2019 5:20

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:117 Resp: 2260393

Ion	Ratio	Lower	Upper
117	100		
82	63.4	49.4	74.0
119	32.6	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.990 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033795.D
Acq: 24 May 2019 5:20

Tgt Ion: 95 Resp: 1830606

Ion	Ratio	Lower	Upper
95	100		
174	70.1	53.9	80.9
175	4.9	3.8	5.8