Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\
Data File : VL033752.D
Acq On : 22 May 2019 20:06
Operator : SY/AP
Sample : K2929-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3002-55

Manual Integrations APPROVED
MMDadoda
5/28/2019 2:51:03 AM

Quant Time: May 23 05:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 1
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	5.75	49	939930	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2151530	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	2129305	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1739063	10.07	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.70%			
Target Compounds						Qvalue
9) Propene	3.04	41	15224m	0.332	ppbv	
13) Ethanol	3.65	45	28507m	1.926	ppbv	
15) Acetone	3.89	43	2630379	20.170	ppbv	99
20) Methylene Chloride	4.40	84	12269	0.244	ppbv #	81
26) Hexane	5.77	57	27222m	0.276	ppbv	
36) Benzene	6.99	78	13615m	0.070	ppbv	
53) Toluene	9.94	91	59846	0.284	ppbv	98

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

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MSVOA_L
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BPS1-SG-3002-55

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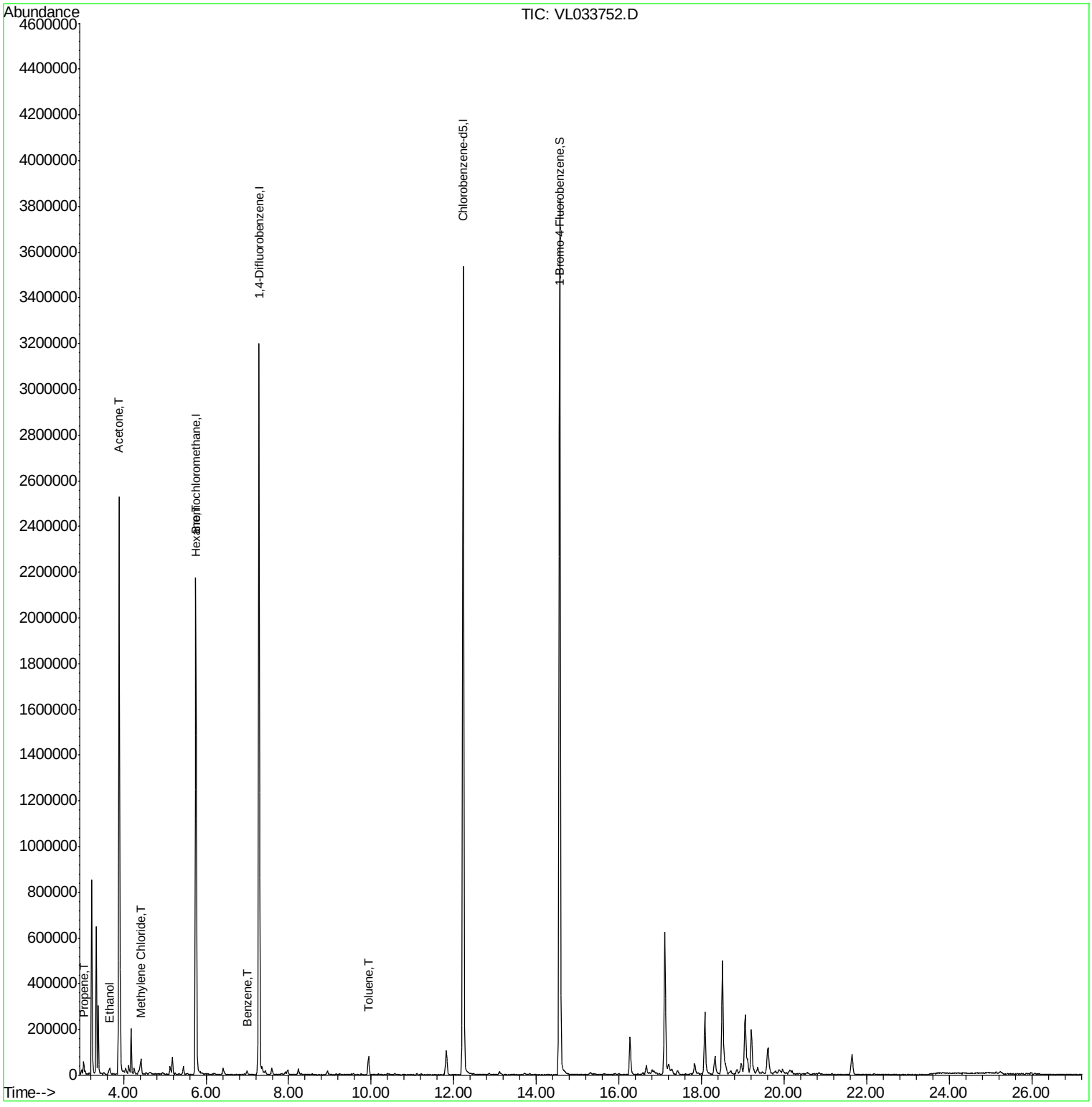
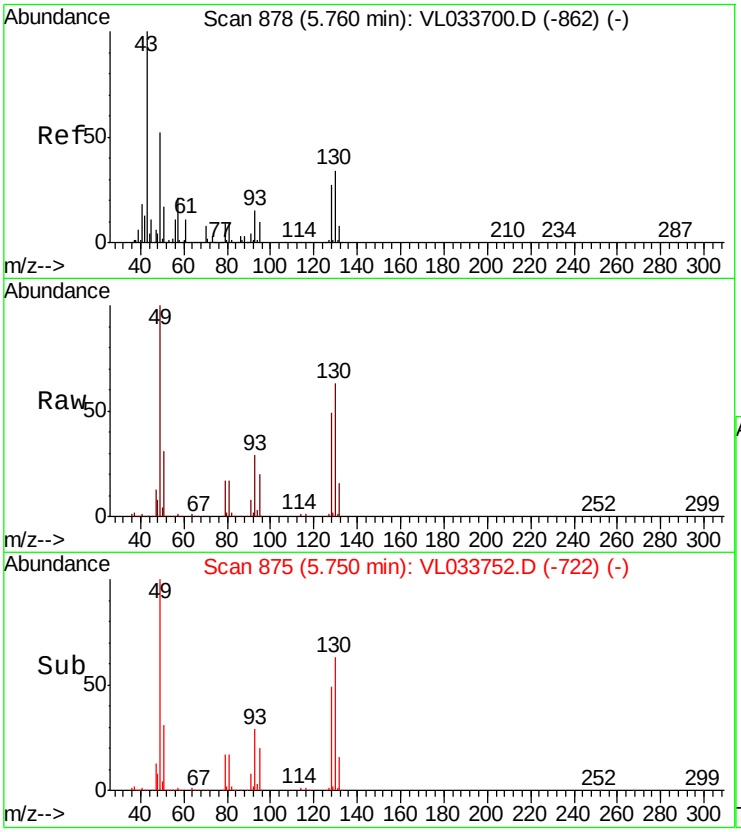
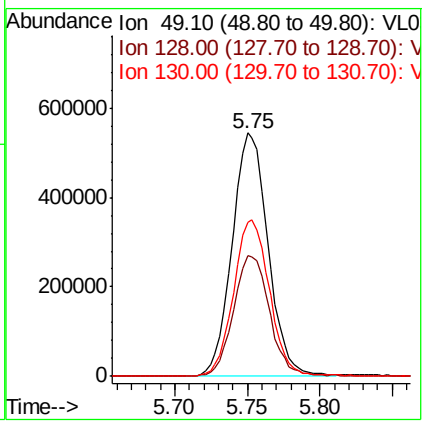




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 875
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 49 Resp: 939930

Ion	Ratio	Lower	Upper
49	100		
128	50.2	25.2	75.6
130	64.7	32.5	97.5



Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

Manual Integrations APPROVED
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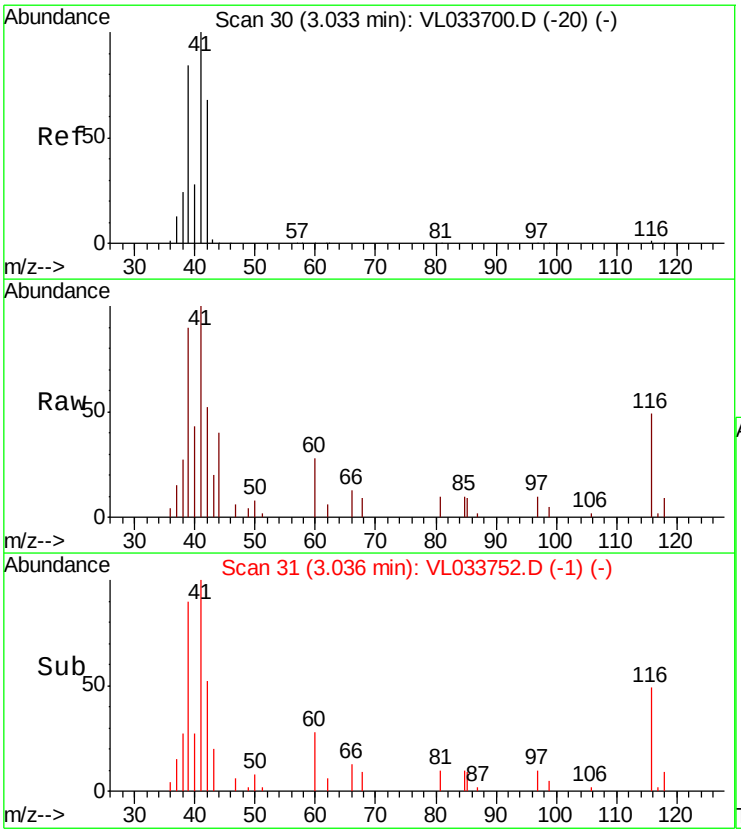
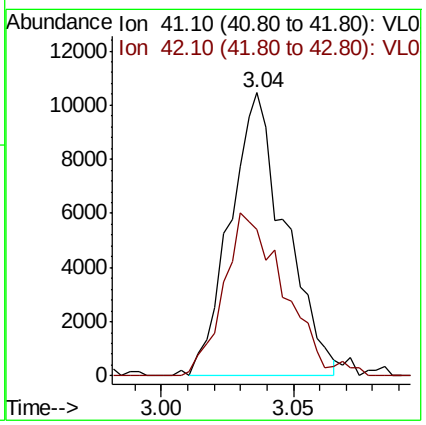
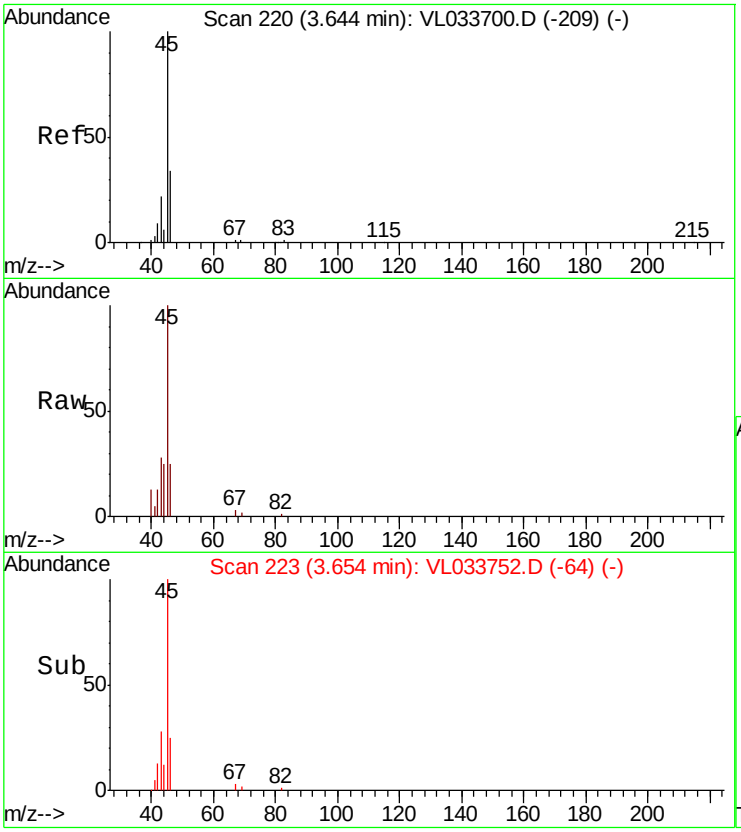


#9
Propene
Concen: 0.332 ppbv m
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 41 Resp: 15224

Ion	Ratio	Lower	Upper
41	100		
42	63.2	56.1	84.1

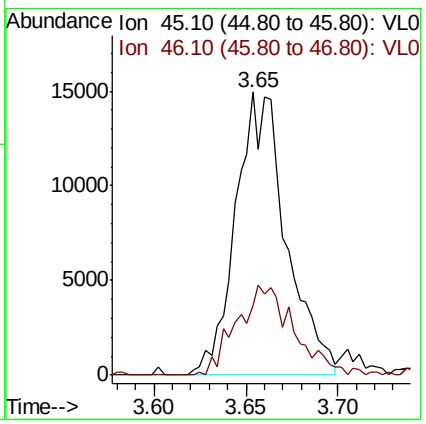




#13
Ethanol
Concen: 1.926 ppbv m
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 45 Resp: 28507

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#



Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

Manual Integrations APPROVED
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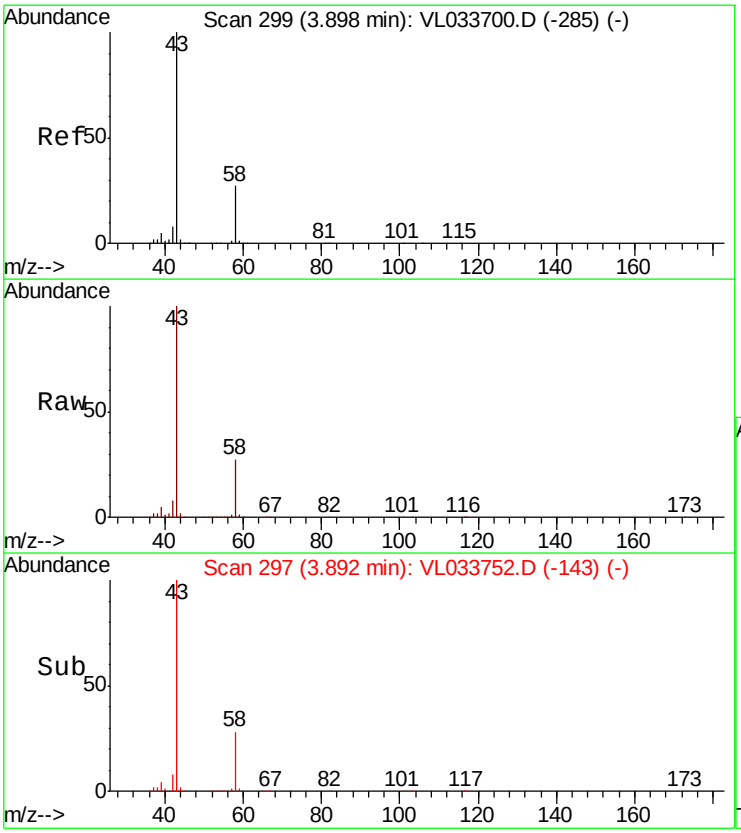
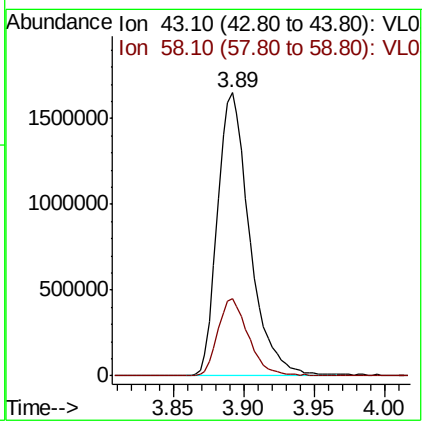
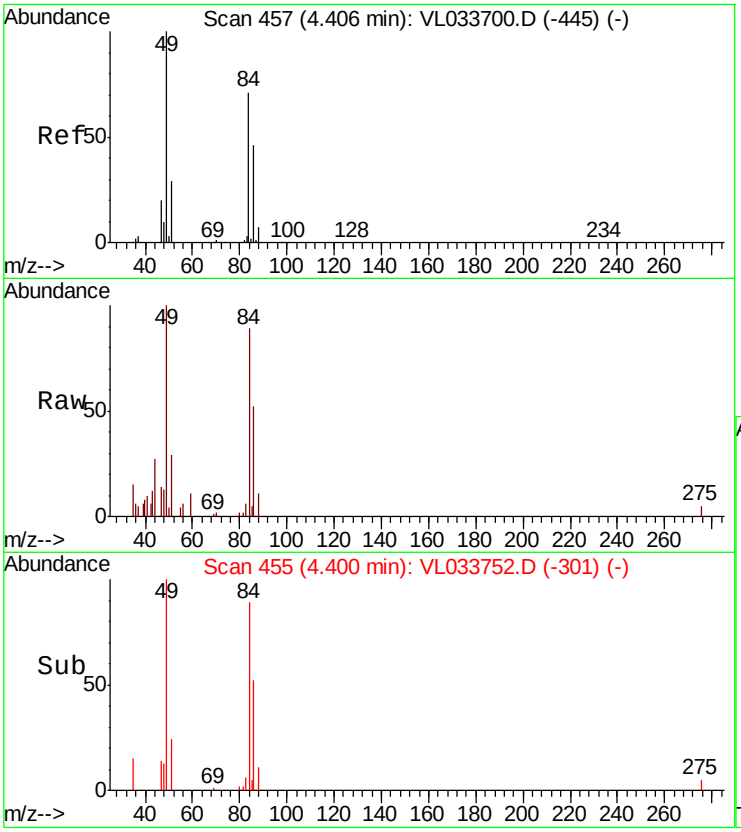


#15
Acetone
Concen: 20.170 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 43 Resp: 2630379

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.3	31.9

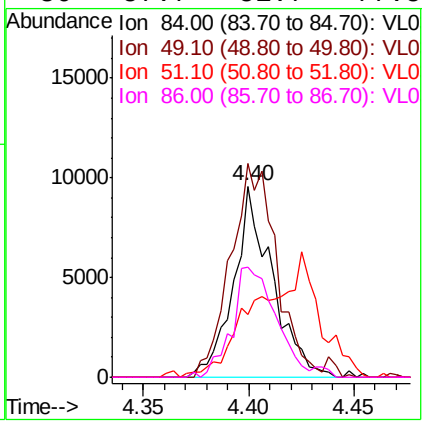




#20
Methylene Chloride
Concen: 0.244 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 84 Resp: 12269

Ion	Ratio	Lower	Upper
84	100		
49	111.9	112.8	169.2#
51	30.9	33.4	50.0#
86	57.7	51.7	77.5



Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

Manual Integrations APPROVED
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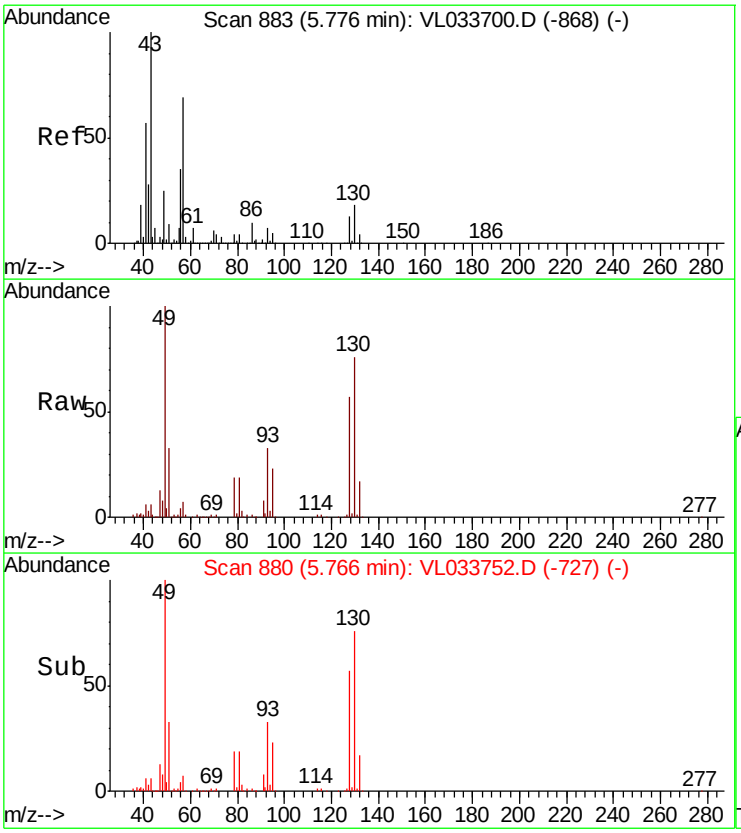
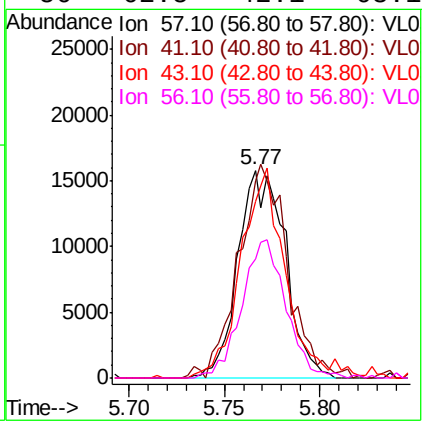
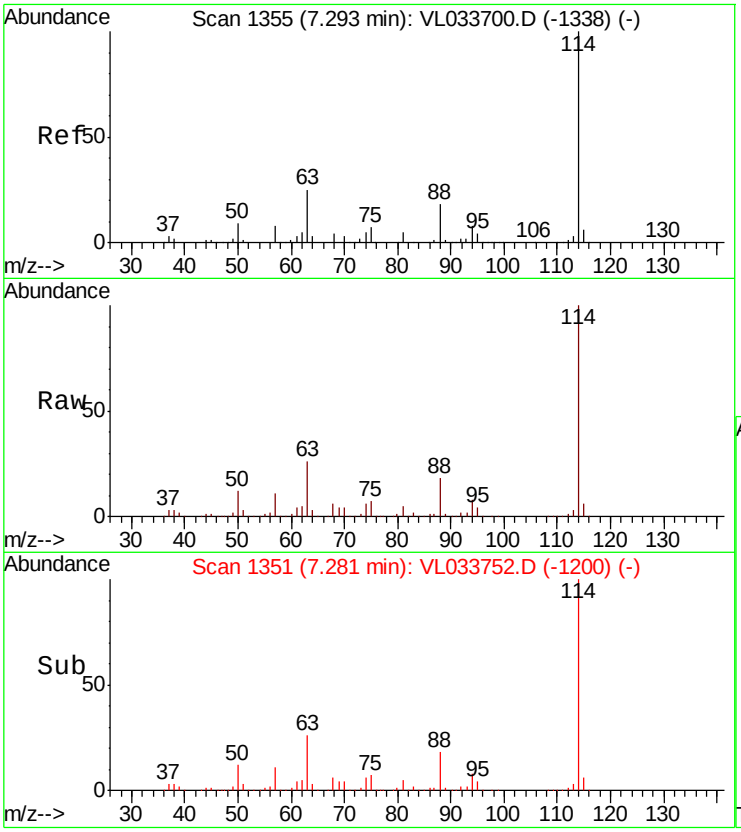


#26
Hexane
Concen: 0.276 ppbv m
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 57 Resp: 27222

Ion	Ratio	Lower	Upper
57	100		
41	106.3	69.8	104.6#
43	97.6	181.8	272.6#
56	62.5	42.1	63.1

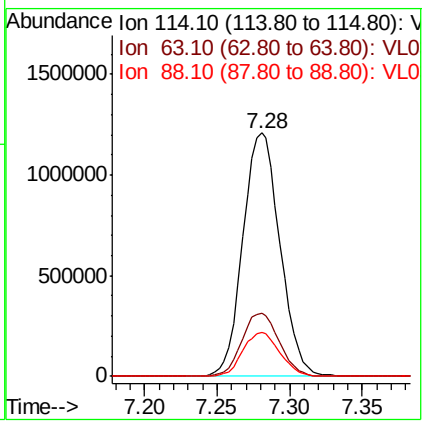




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion:114 Resp: 2151530

Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.9	31.3
88	18.1	14.3	21.5



Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

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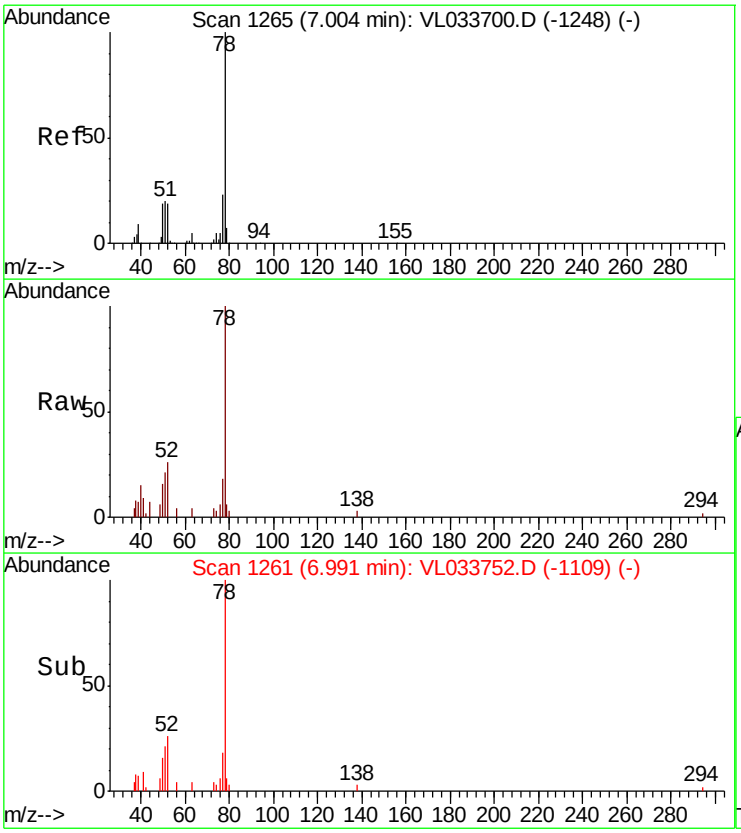
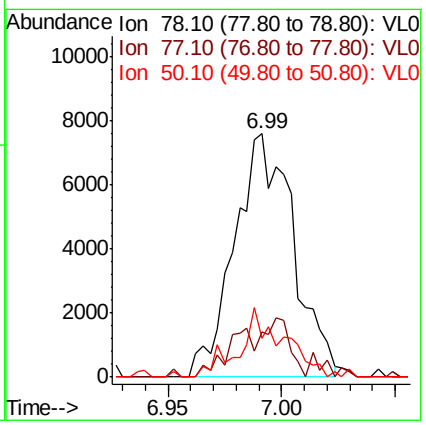
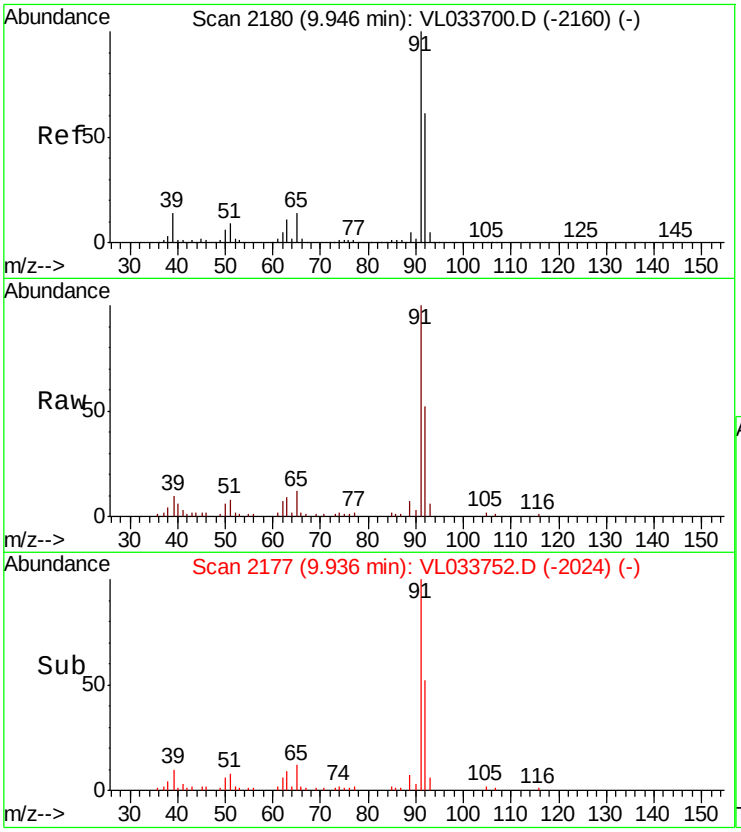


#36
Benzene
Concen: 0.070 ppbv m
RT: 6.99 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 78 Resp: 13615

Ion	Ratio	Lower	Upper
78	100		
77	18.3	18.4	27.6#
50	16.2	15.5	23.3





#53
Toluene
Concen: 0.284 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 91 Resp: 59846

Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.6	71.4

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3002-55

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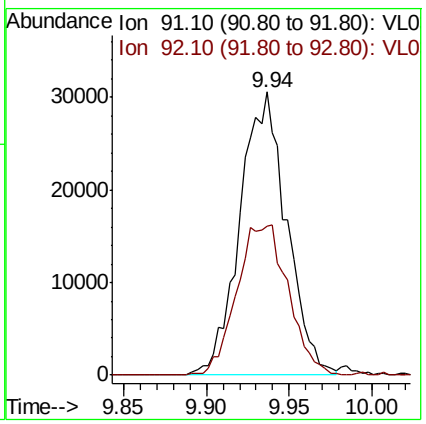
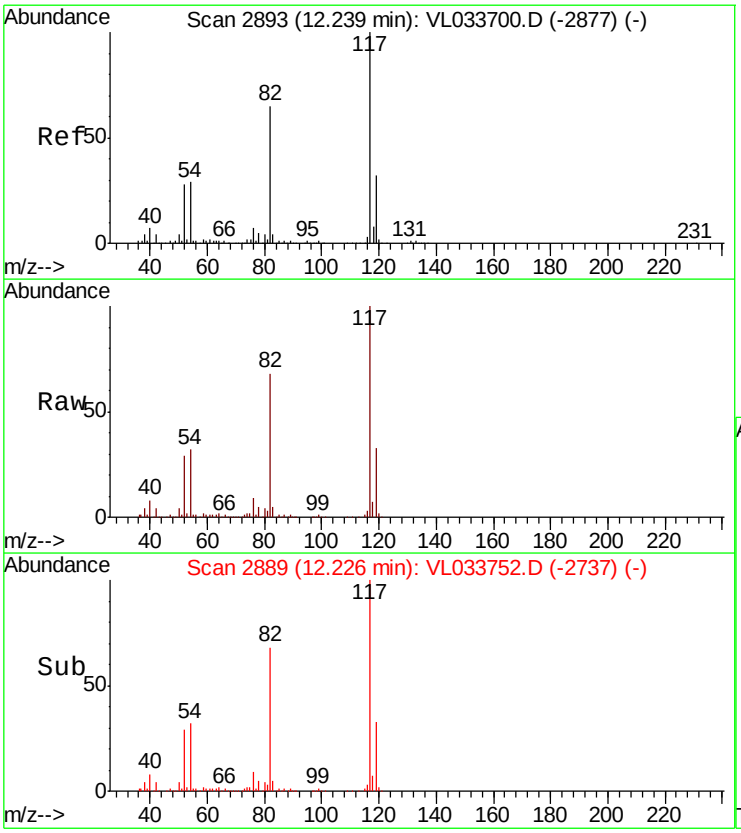
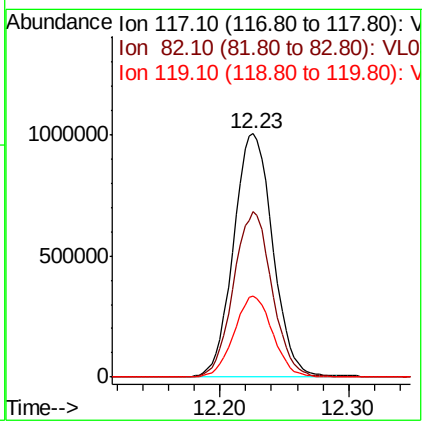


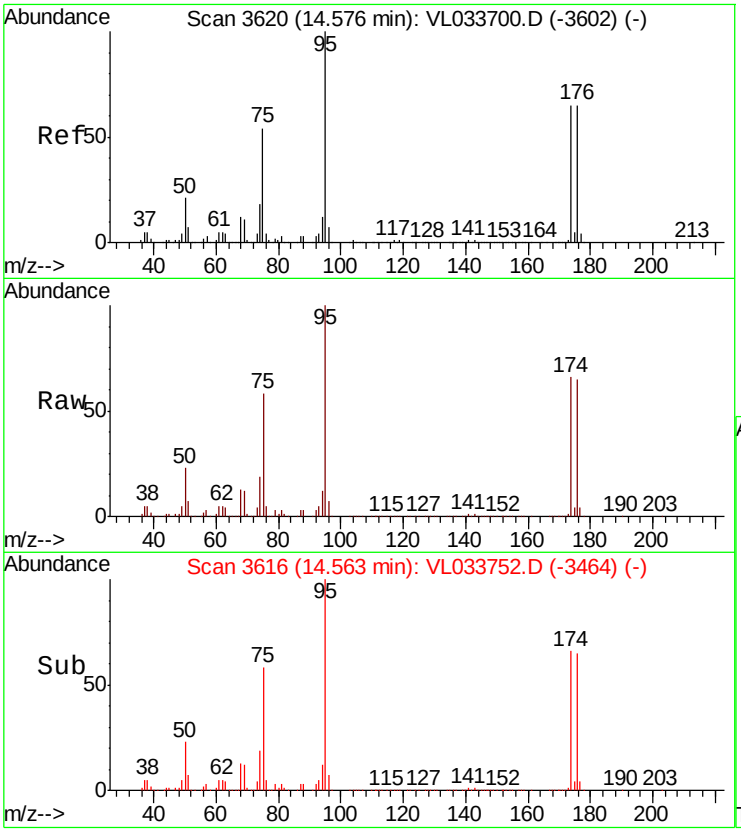


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion:117 Resp: 2129305

Ion	Ratio	Lower	Upper
117	100		
82	67.4	49.4	74.0
119	32.9	24.9	37.3

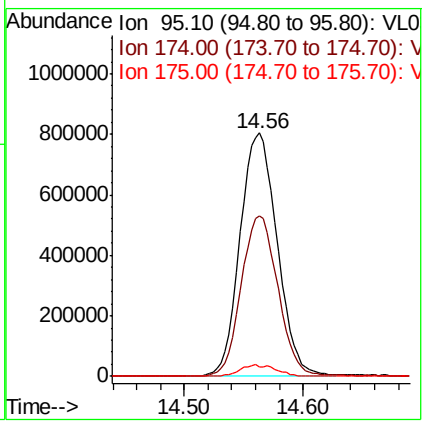




#68
1-Bromo-4-Fluorobenzene
Concen: 10.075 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033752.D
Acq: 22 May 2019 20:06

Tgt Ion: 95 Resp: 1739063

Ion	Ratio	Lower	Upper
95	100		
174	65.9	53.9	80.9
175	4.7	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
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