Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\
Data File : VL033861.D
Acq On : 30 May 2019 8:16
Operator : SY/AP
Sample : K3067-09DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-23-20190523-0DL

Manual Integrations APPROVED
apatel
5/31/2019 12:59:29 PM

Quant Time: May 31 07:11:59 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	673286	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1551505	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1531167	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1251665	10.08	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.80%			
Target Compounds						Qvalue
13) Ethanol	3.66	45	15136m	1.428	ppbv	
15) Acetone	3.90	43	60017	0.642	ppbv	94
19) Isopropyl Alcohol	4.04	45	20421m	0.339	ppbv	
26) Hexane	5.78	57	7878m	0.112	ppbv	
32) 1,1,1-Trichloroethane	6.61	97	10920m	0.084	ppbv	
52) Tetrachloroethene	11.37	164	54561m	1.100	ppbv	

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

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SG-23-20190523-0DL

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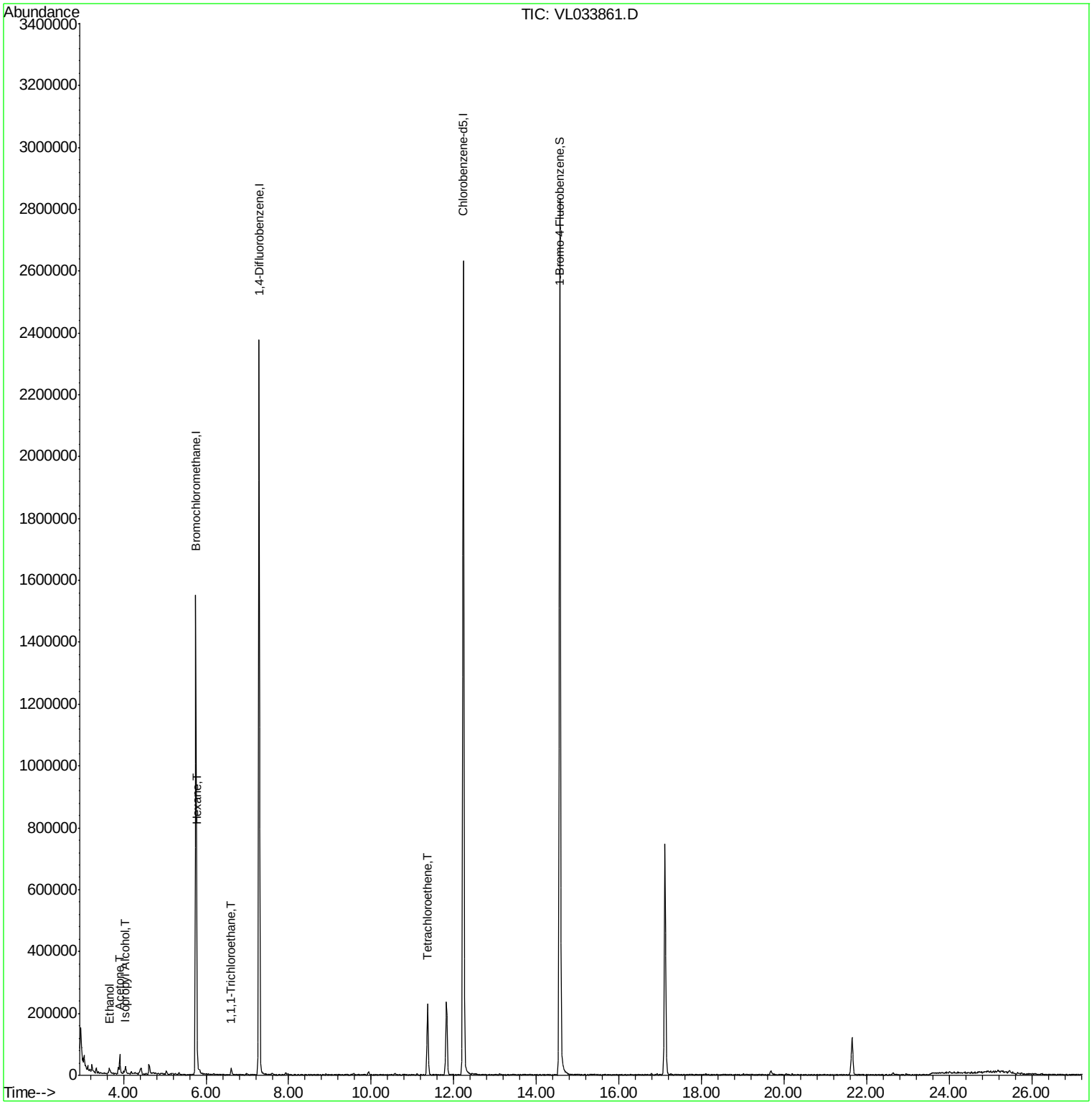
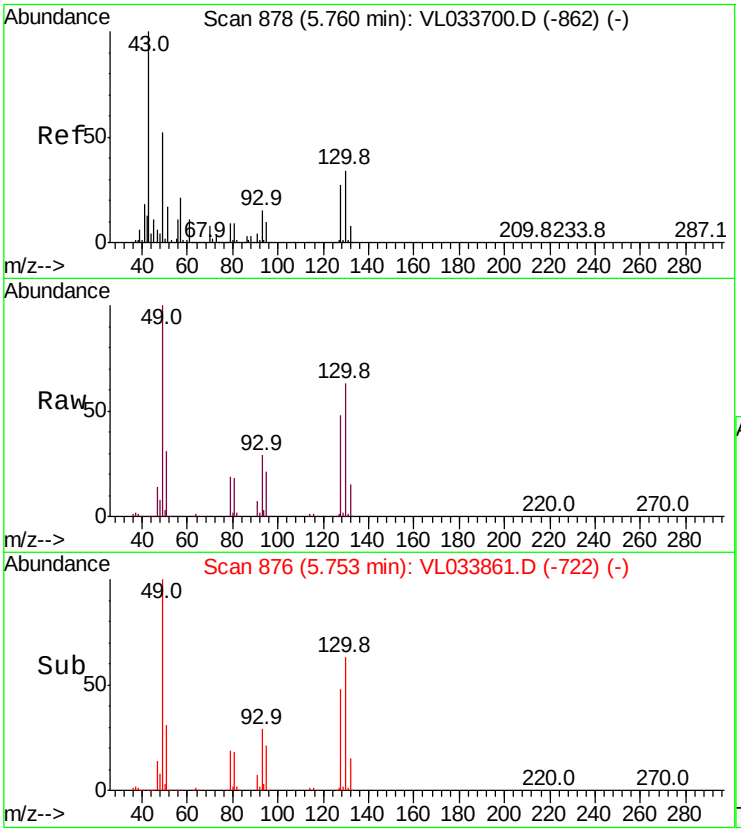
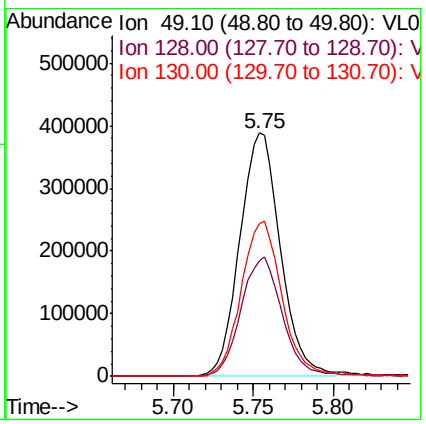




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 49 Resp: 673286

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



Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0DL

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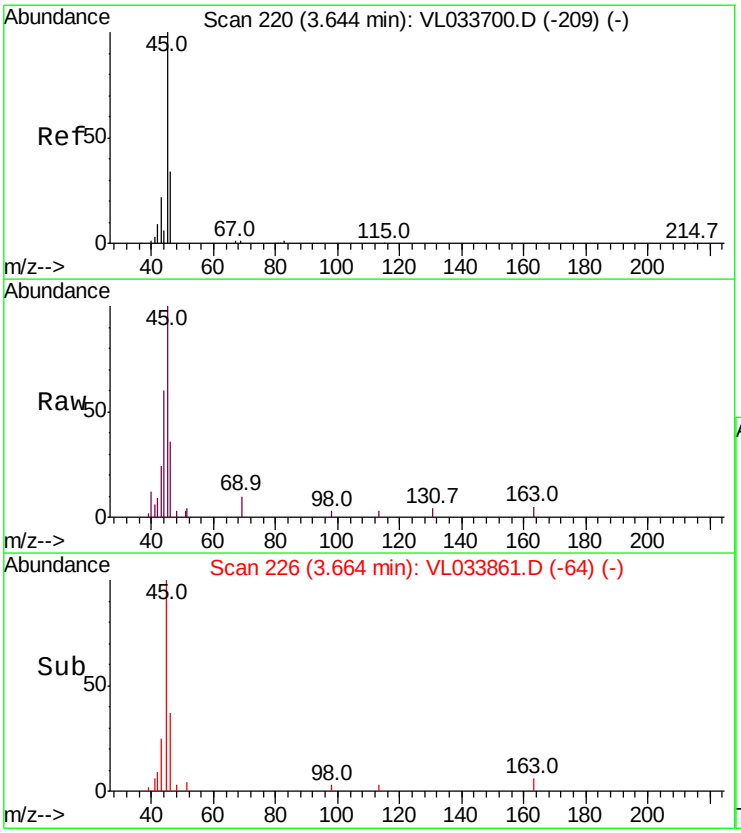
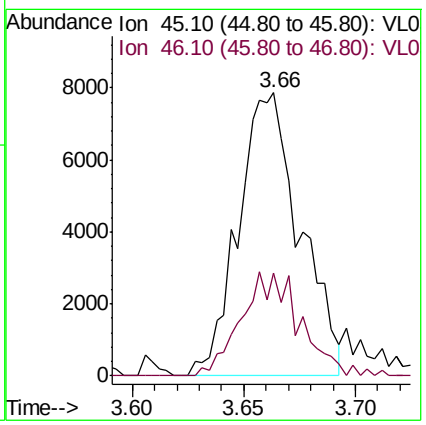
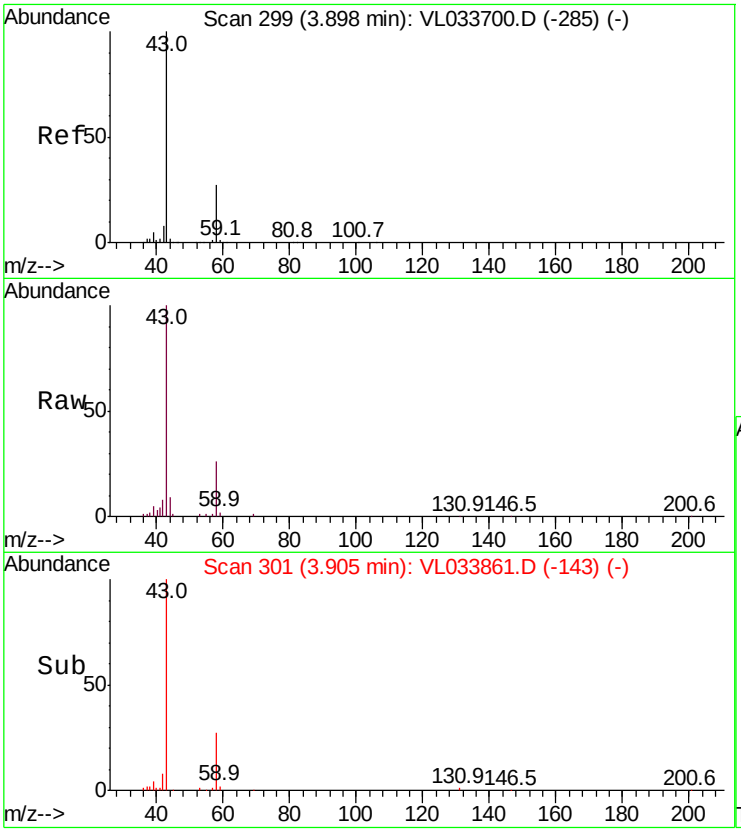


#13
Ethanol
Concen: 1.428 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.02 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 45 Resp: 15136

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#





#15
Acetone
Concen: 0.642 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 43 Resp: 60017

Ion	Ratio	Lower	Upper
43	100		
58	29.9	21.3	31.9

Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0DL

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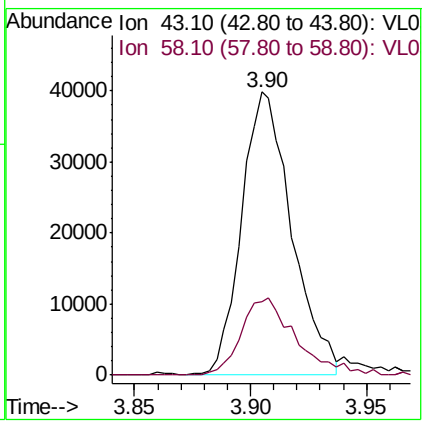
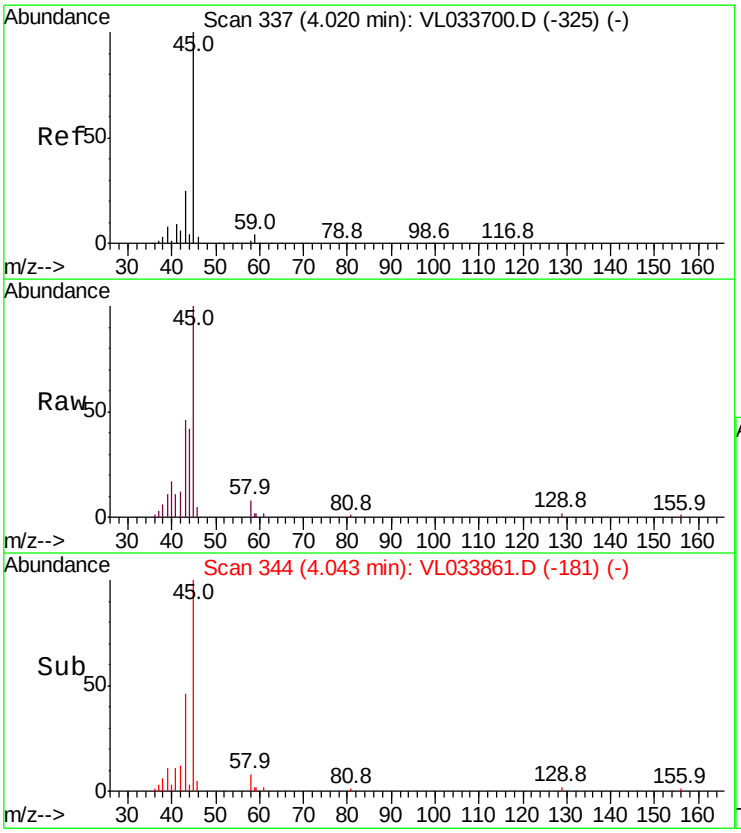
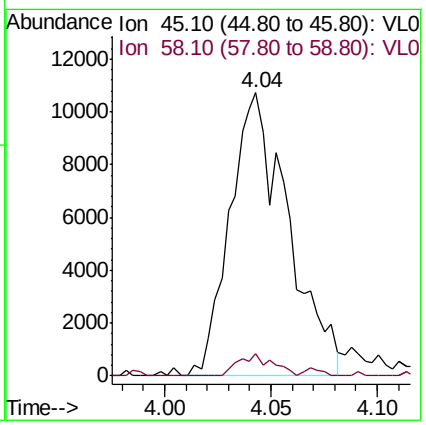


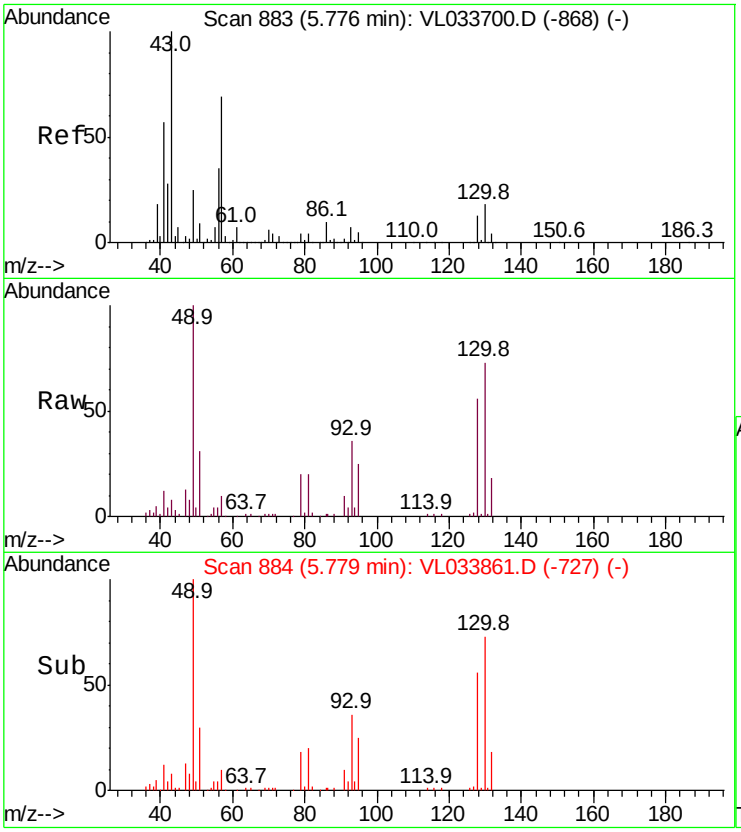


#19
Isopropyl Alcohol
Concen: 0.339 ppbv m
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 45 Resp: 20421

Ion	Ratio	Lower	Upper
45	100		
58	5.6	1.6	2.4#

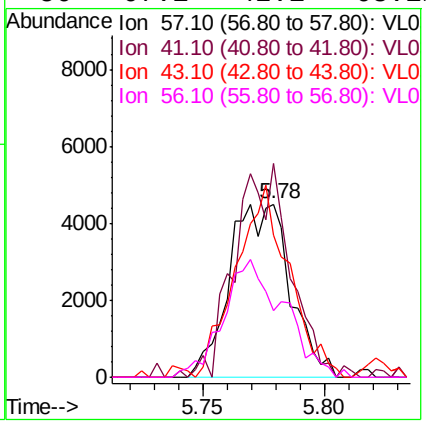




#26
Hexane
Concen: 0.112 ppbv m
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 57 Resp: 7878

Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.8	104.6#
43	0.0	181.8	272.6#
56	67.1	42.1	63.1#



Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0DL

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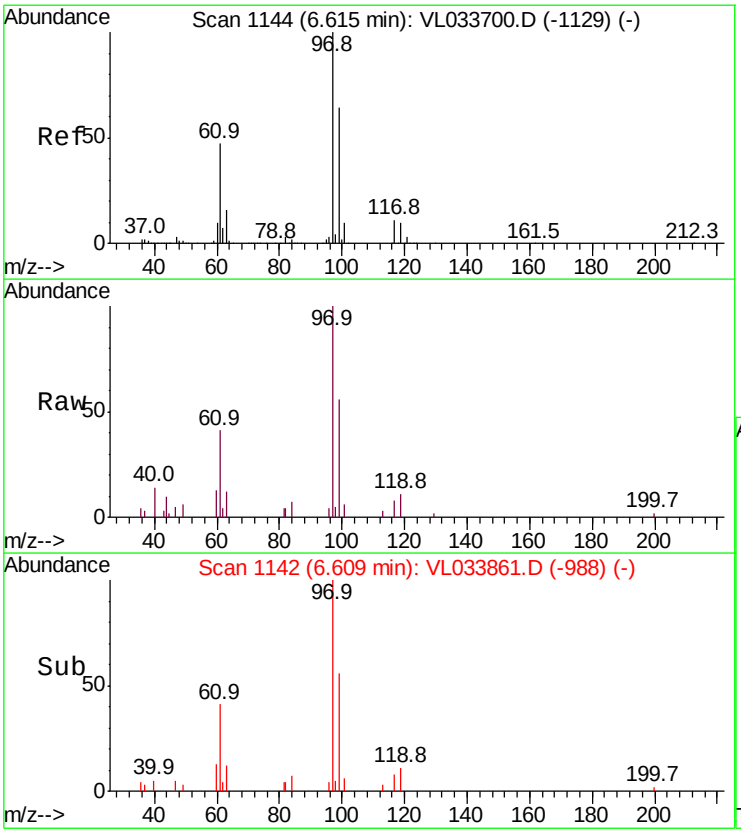
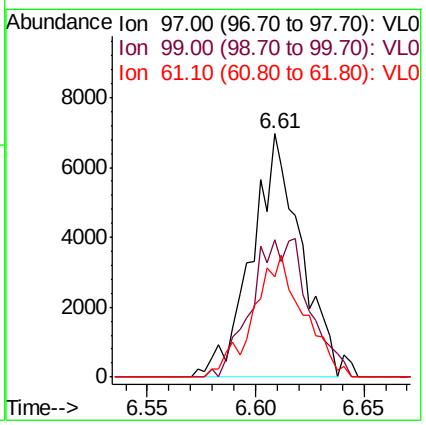
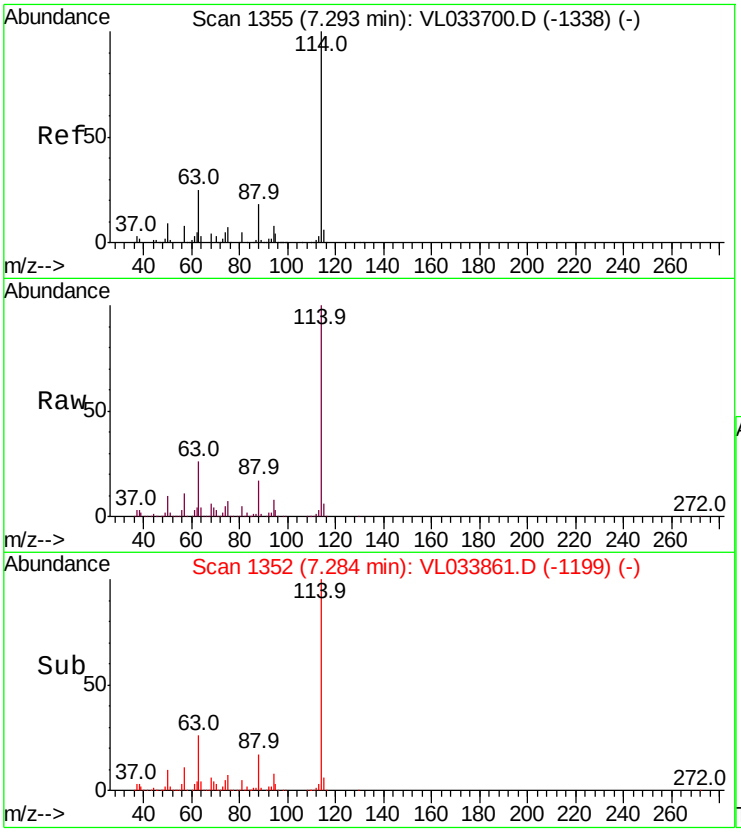


#32
1,1,1-Trichloroethane
Concen: 0.084 ppbv m
RT: 6.61 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 97 Resp: 10920

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	51.8	37.8	56.8

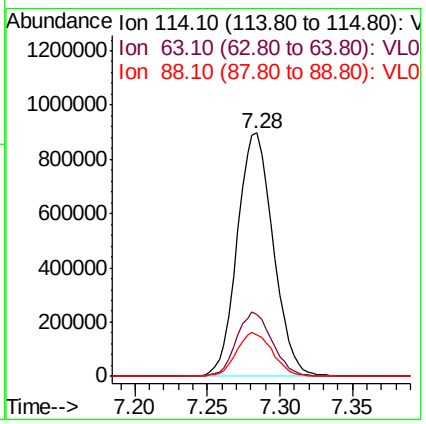




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion:114 Resp: 1551505

Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.9	31.3
88	17.9	14.3	21.5



Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-0DL

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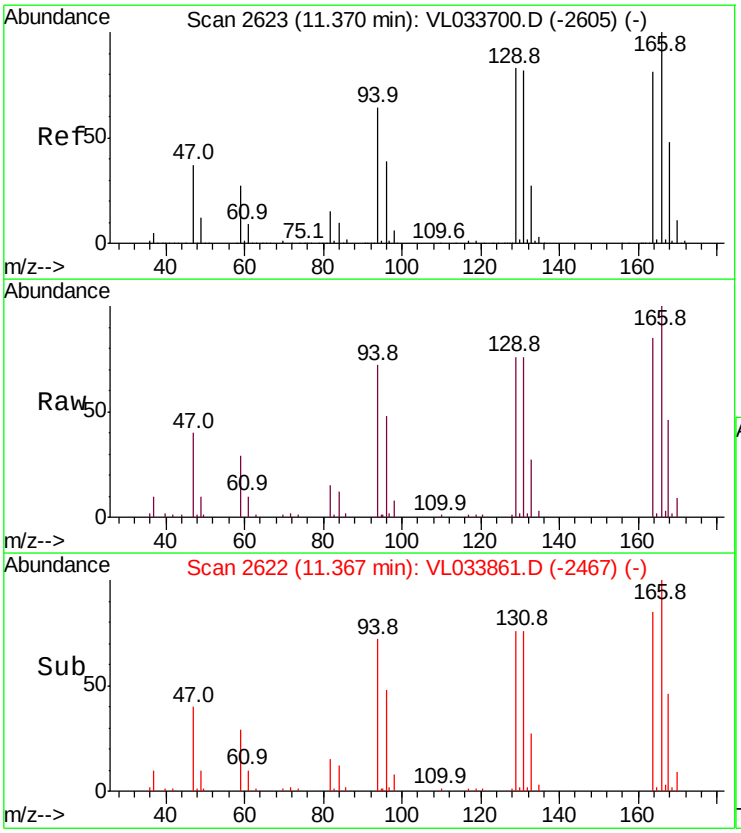
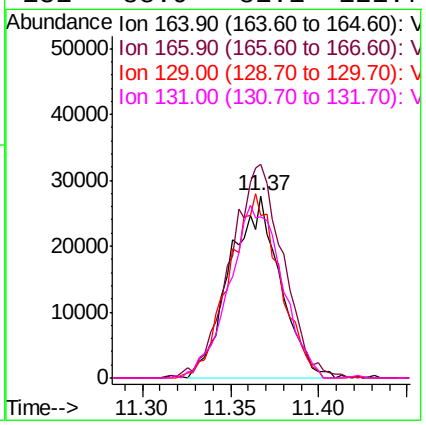
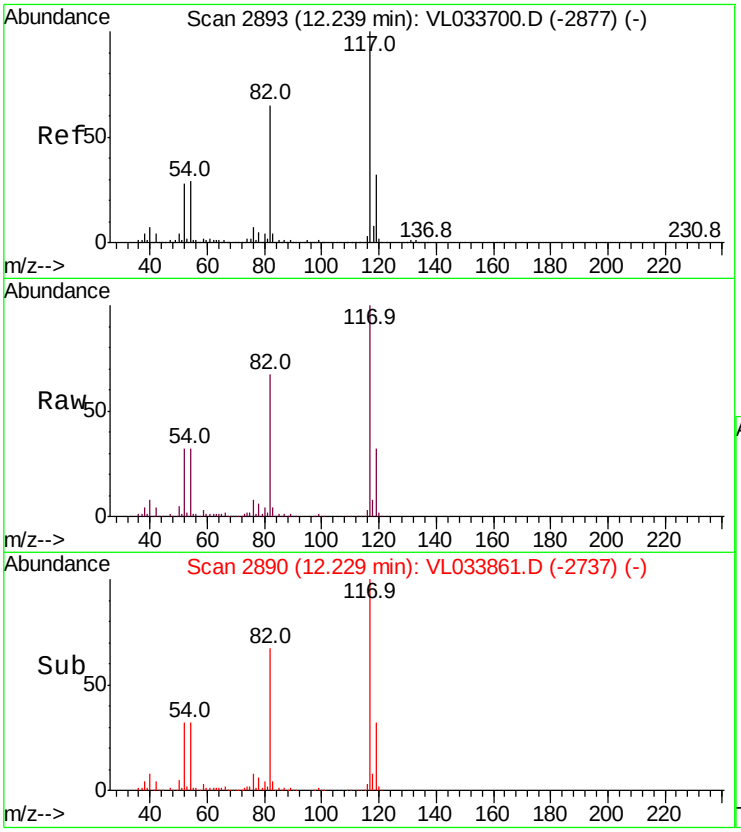


#52
Tetrachloroethene
Concen: 1.100 ppbv m
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion:164 Resp: 54561

Ion	Ratio	Lower	Upper
164	100		
166	117.4	98.9	148.3
129	89.2	81.8	122.6
131	88.9	81.1	121.7

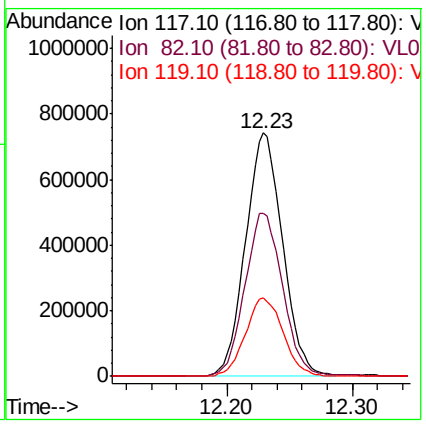




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion:117 Resp: 1531167

Ion	Ratio	Lower	Upper
117	100		
82	68.5	49.4	74.0
119	32.9	24.9	37.3



Instrument :
MSVOA_L
ClientSampleId :
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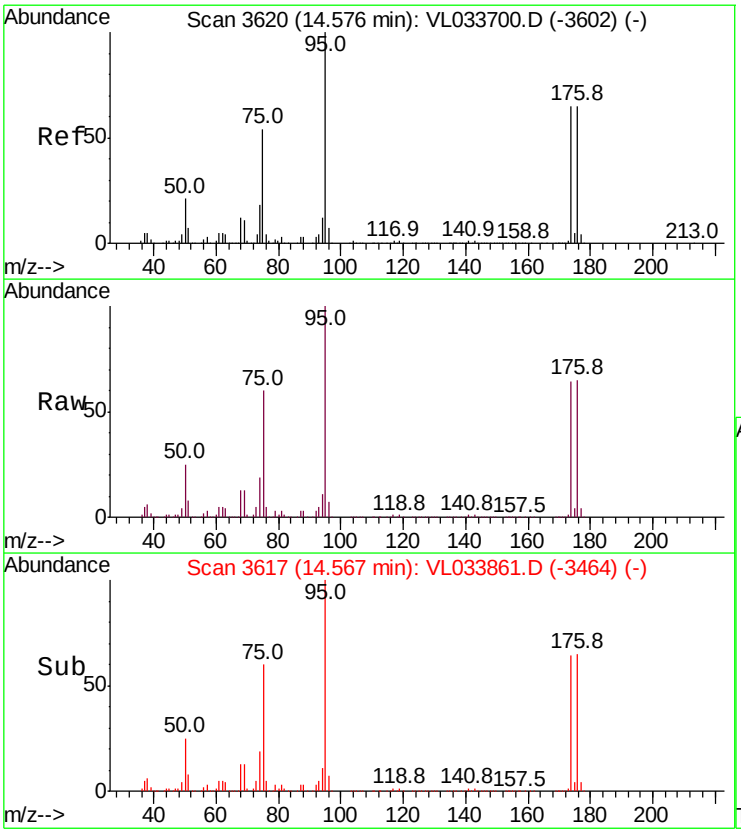

#68
1-Bromo-4-Fluorobenzene
Concen: 10.084 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033861.D
Acq: 30 May 2019 8:16

Tgt Ion: 95 Resp: 1251665

Ion	Ratio	Lower	Upper
95	100		
174	65.3	53.9	80.9
175	4.8	3.8	5.8