Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\
Data File : VL033867.D
Acq On : 30 May 2019 12:29
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

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Quant Time: May 31 07:59:02 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	749074	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1753102	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1665011	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1362785	10.10	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%			
Target Compounds						Qvalue
9) Propene	3.04	41	5807m	0.159	ppbv	
13) Ethanol	3.67	45	5108m	0.433	ppbv	
15) Acetone	3.92	43	32112	0.309	ppbv	100
20) Methylene Chloride	4.40	84	5499m	0.137	ppbv	
26) Hexane	5.77	57	8333m	0.106	ppbv	
32) 1,1,1-Trichloroethane	6.61	97	8553m	0.059	ppbv	
35) Carbon Tetrachloride	7.12	117	5163	0.037	ppbv #	73

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

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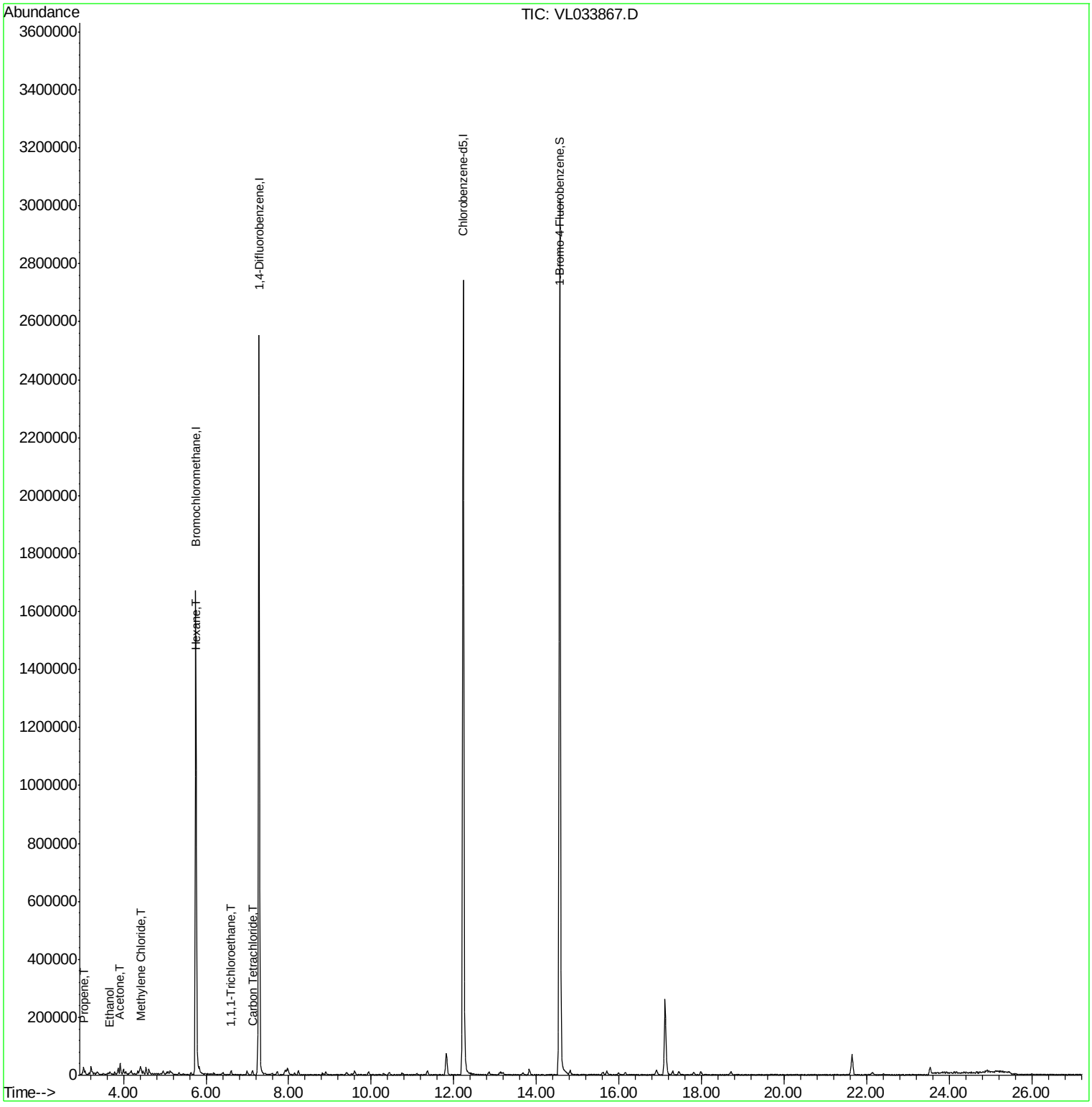
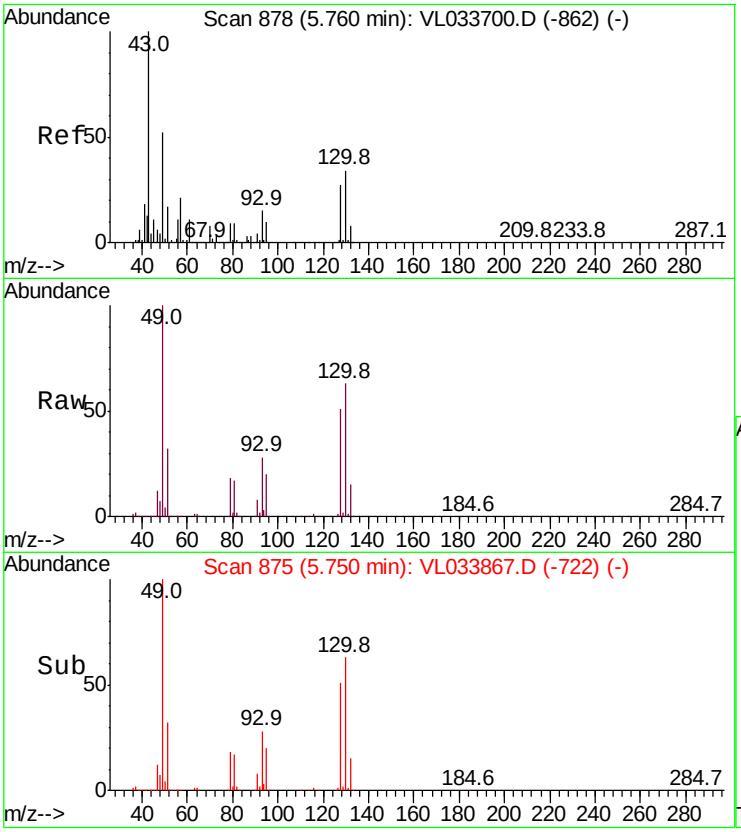
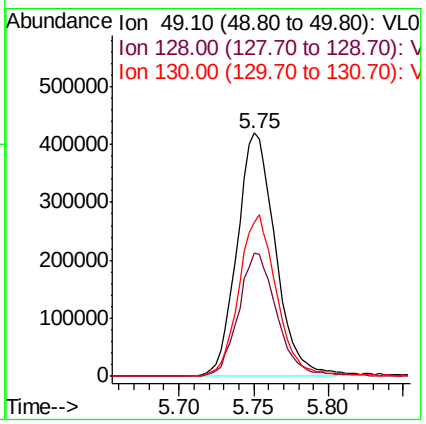




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 875
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 49 Resp: 749074

Ion	Ratio	Lower	Upper
49	100		
128	51.1	25.2	75.6
130	65.9	32.5	97.5



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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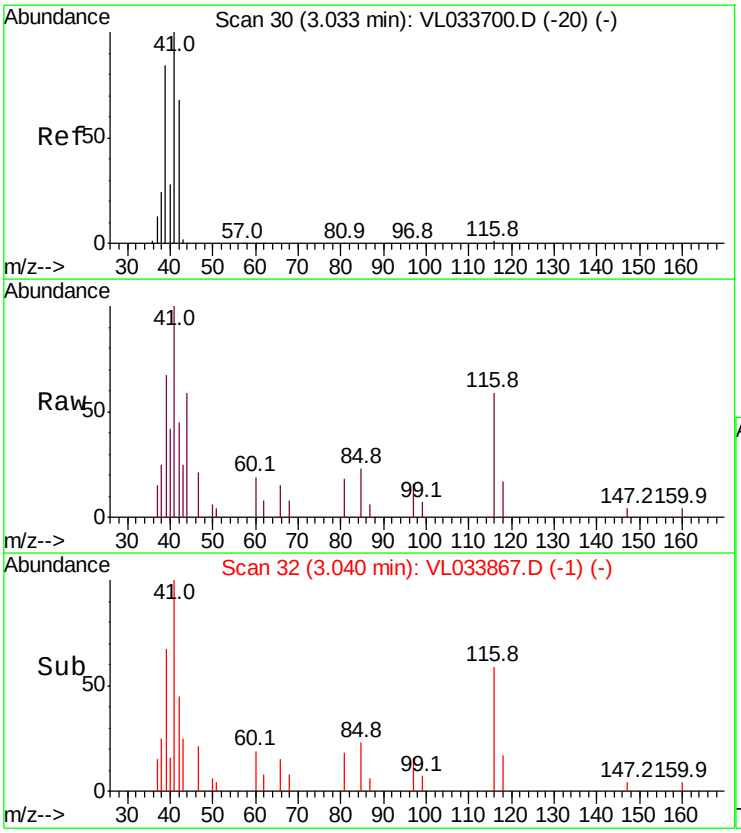
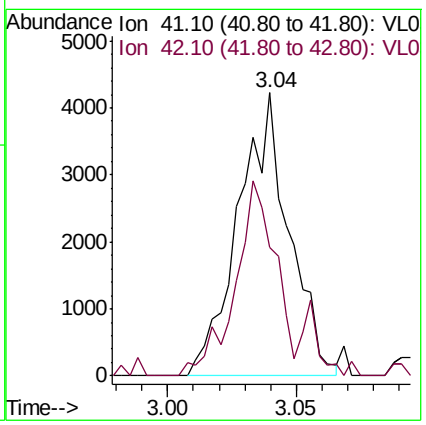
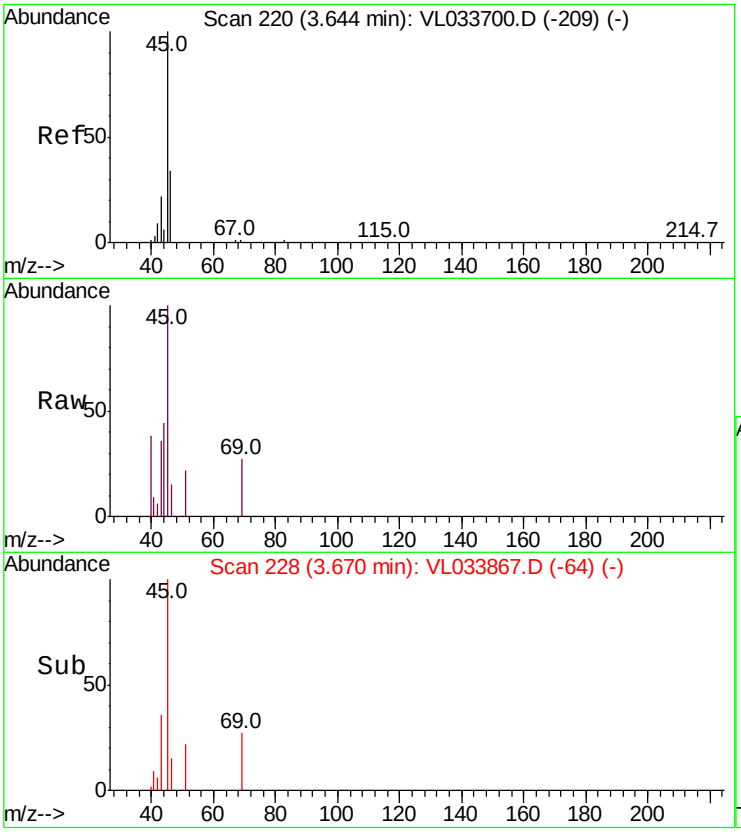


#9
Propene
Concen: 0.159 ppbv m
RT: 3.04 min Scan# 32
Delta R.T. 0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 41 Resp: 5807

Ion	Ratio	Lower	Upper
41	100		
42	7.9	56.1	84.1#

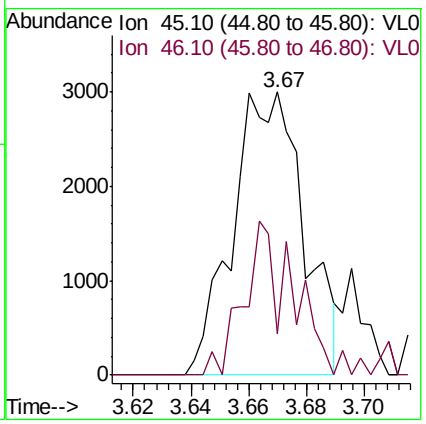




#13
Ethanol
Concen: 0.433 ppbv m
RT: 3.67 min Scan# 228
Delta R.T. 0.03 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 45 Resp: 5108

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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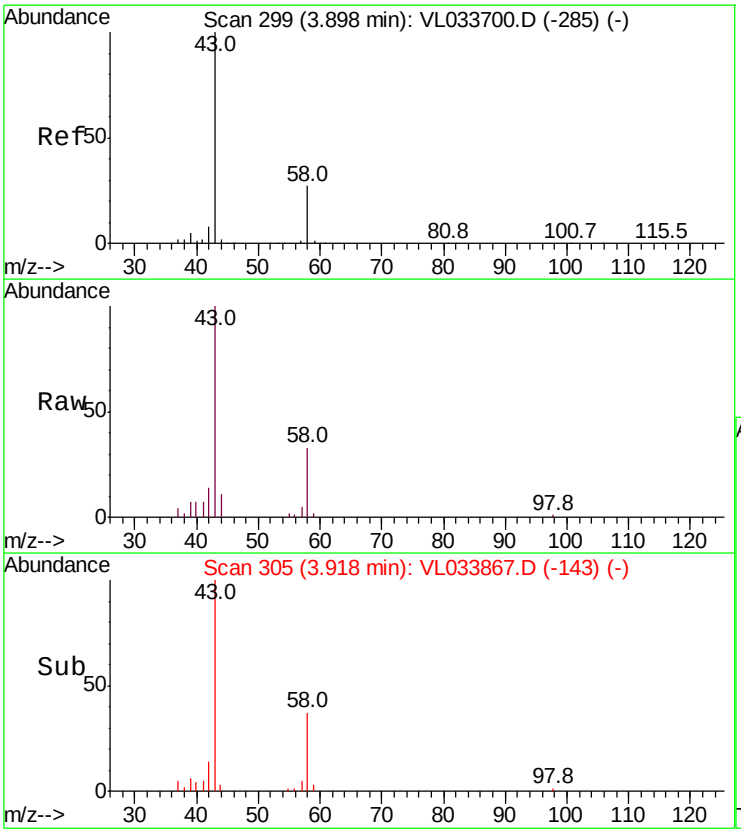
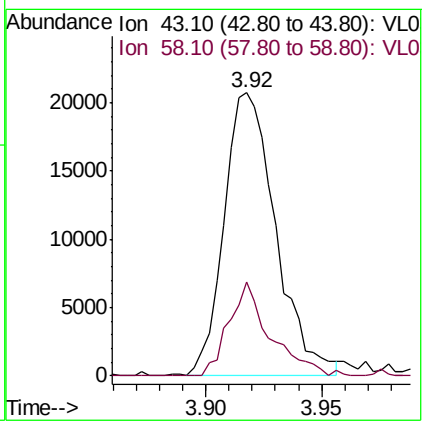
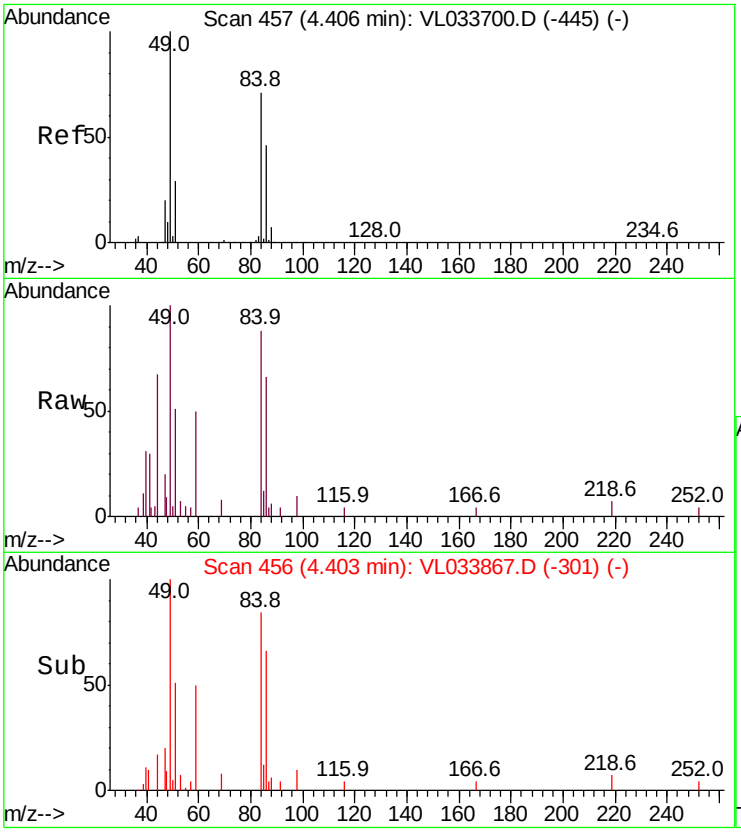


#15
Acetone
Concen: 0.309 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.02 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 43 Resp: 32112

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.3	31.9

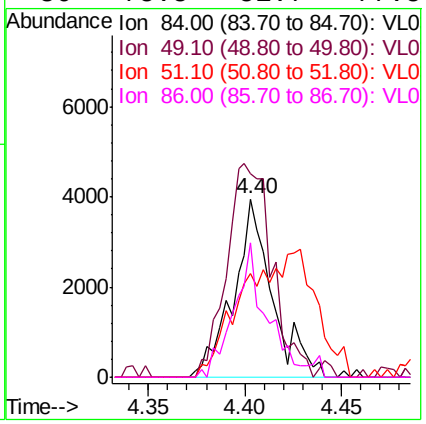




#20
Methylene Chloride
Concen: 0.137 ppbv m
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 84 Resp: 5499

Ion	Ratio	Lower	Upper
84	100		
49	113.9	112.8	169.2
51	57.9	33.4	50.0#
86	75.5	51.7	77.5



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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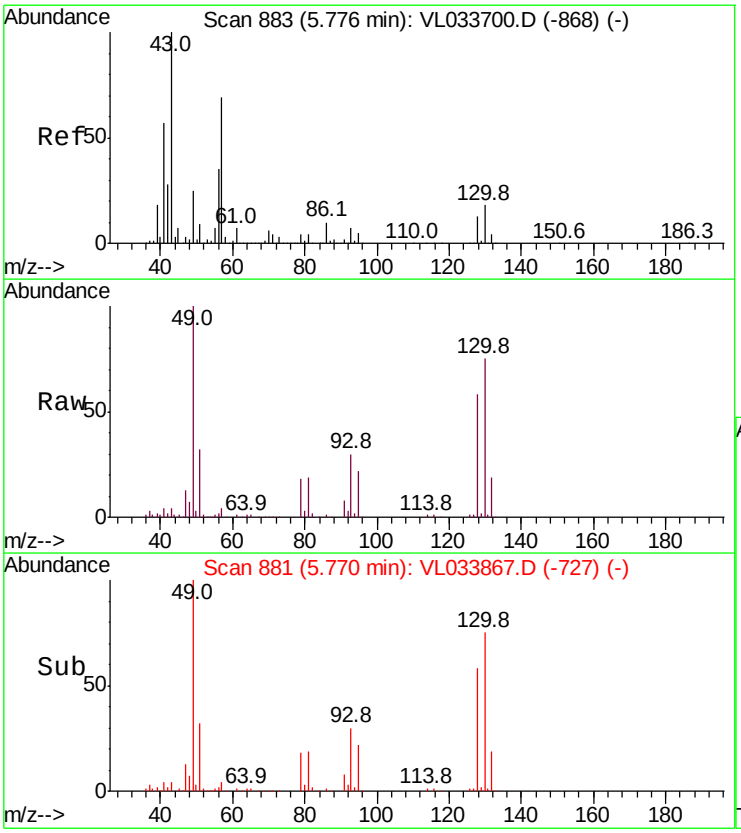
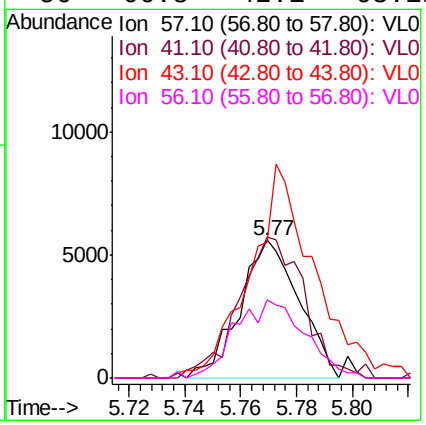
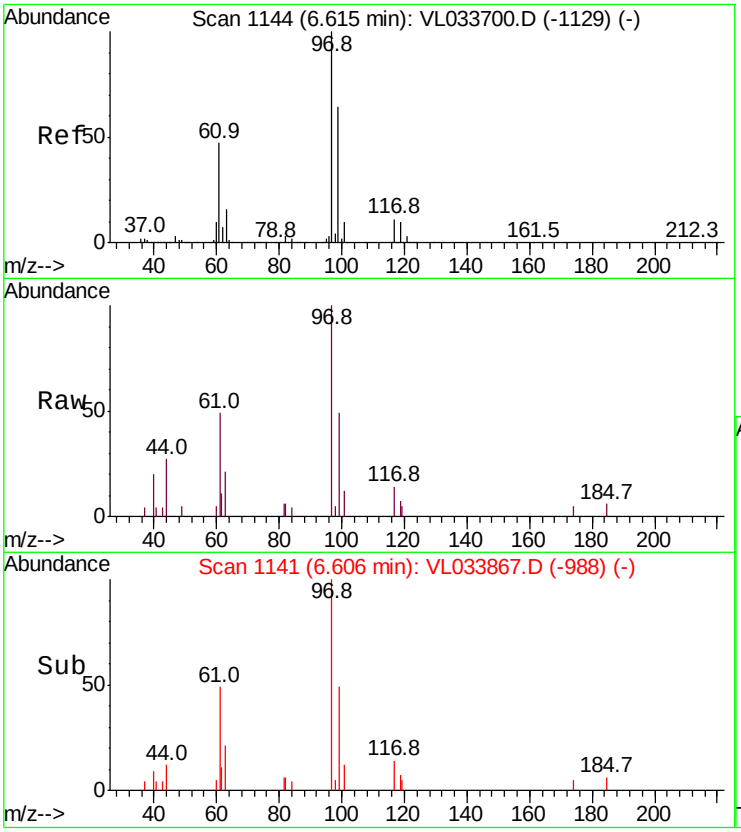


#26
Hexane
Concen: 0.106 ppbv m
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 57 Resp: 8333

Ion	Ratio	Lower	Upper
57	100		
41	113.1	69.8	104.6#
43	177.0	181.8	272.6#
56	66.8	42.1	63.1#

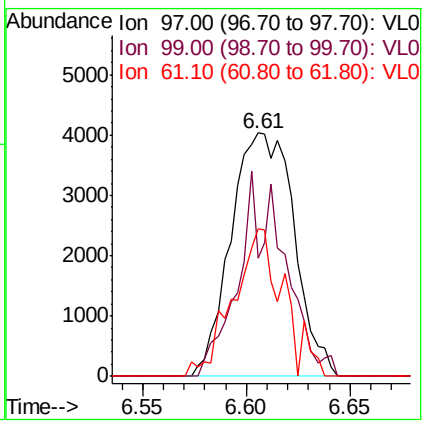




#32
1,1,1-Trichloroethane
Concen: 0.059 ppbv m
RT: 6.61 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 97 Resp: 8553

Ion	Ratio	Lower	Upper
97	100		
99	60.5	51.5	77.3
61	48.4	37.8	56.8



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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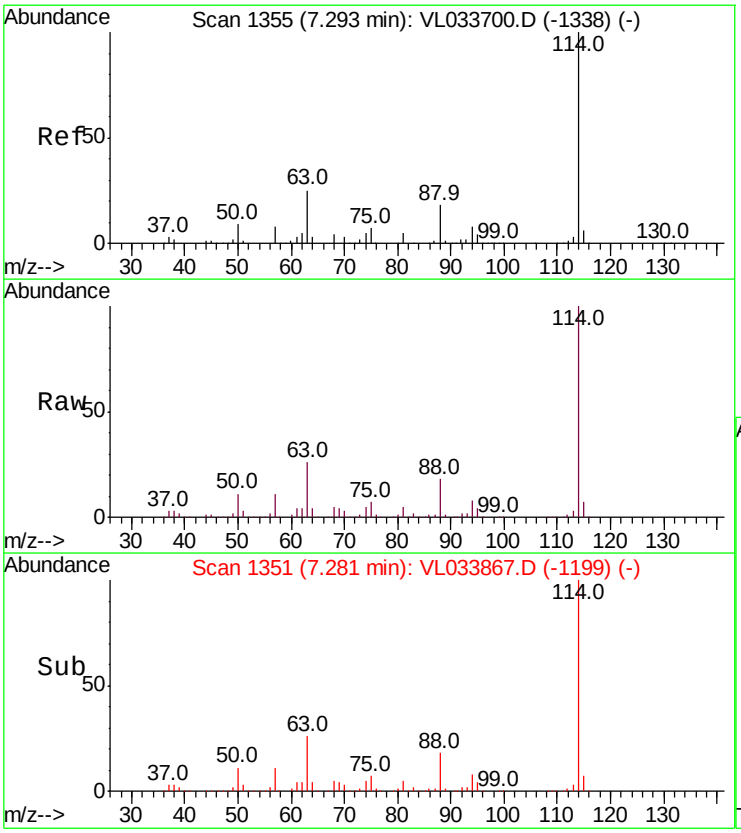
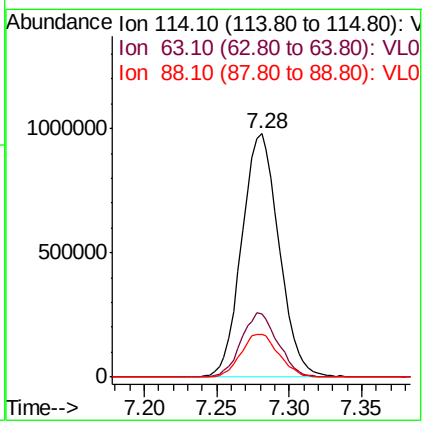
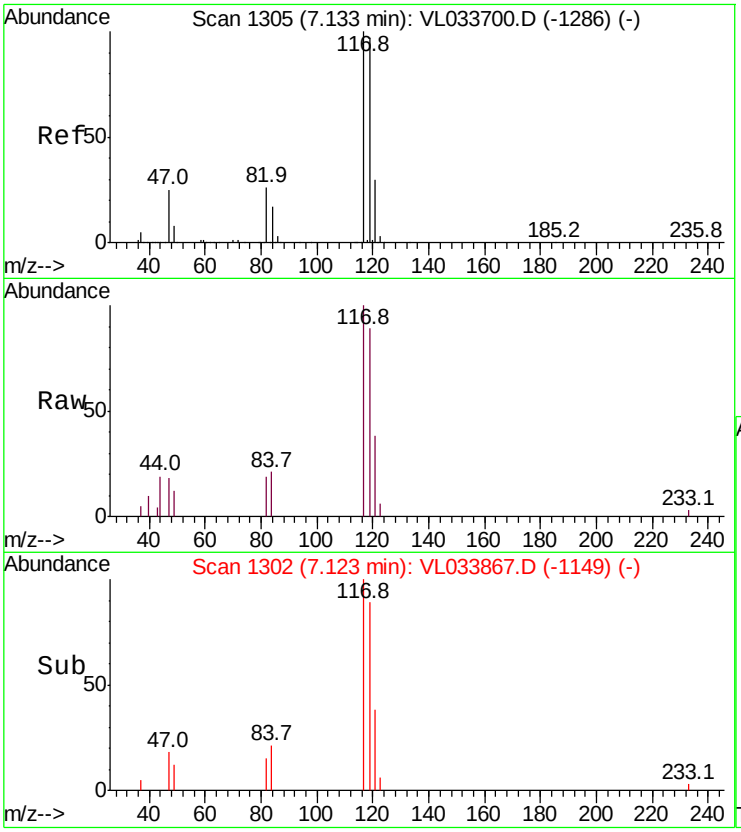


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion:114 Resp: 1753102

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.9	31.3
88	17.9	14.3	21.5

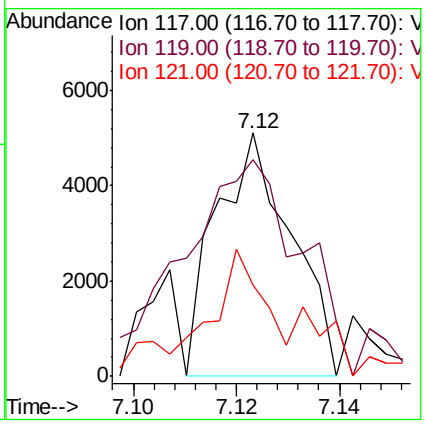




#35
Carbon Tetrachloride
Concen: 0.037 ppbv
RT: 7.12 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion:117 Resp: 5163

Ion	Ratio	Lower	Upper
117	100		
119	66.5	77.2	115.8#
121	21.8	24.1	36.1#



Instrument :
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ClientSampleId :
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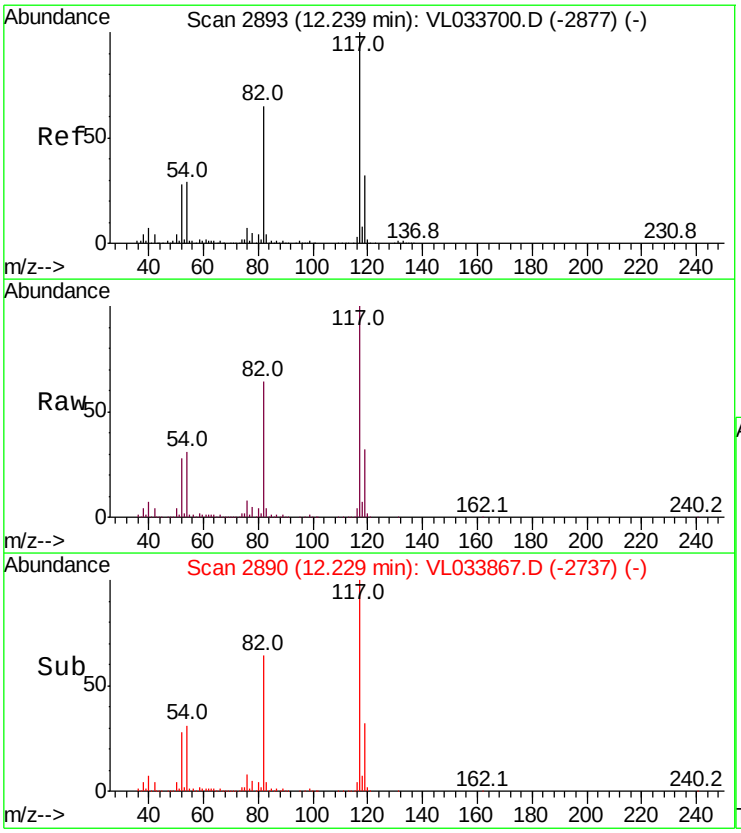
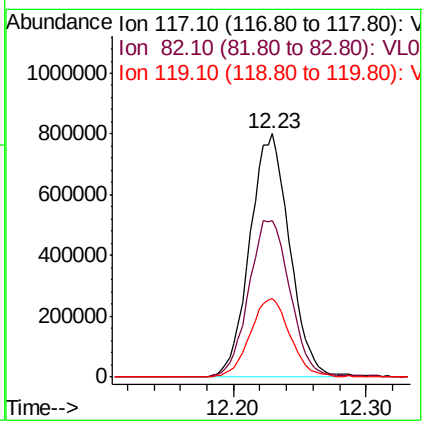
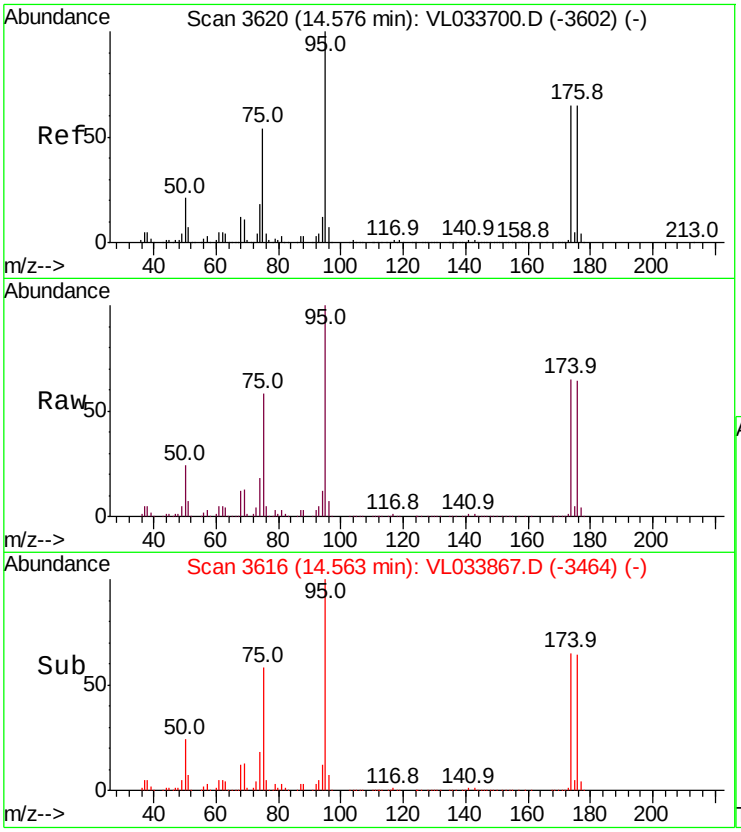


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion:117 Resp: 1665011

Ion	Ratio	Lower	Upper
117	100		
82	67.7	49.4	74.0
119	32.7	24.9	37.3

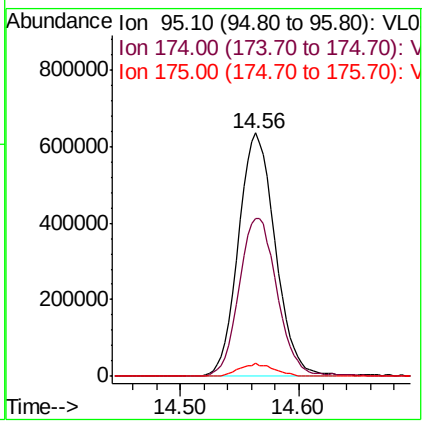




#68
1-Bromo-4-Fluorobenzene
Concen: 10.096 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033867.D
Acq: 30 May 2019 12:29

Tgt Ion: 95 Resp: 1362785

Ion	Ratio	Lower	Upper
95	100		
174	67.4	53.9	80.9
175	5.0	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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