Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\
Data File : VL033539.D
Acq On : 4 Apr 2019 19:00
Operator : SY/AP
Sample : K2096-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
A-2DL

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:22:19 AM

Quant Time: Apr 05 03:14:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1205583	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2818310	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2779112	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2192853	10.06	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.60%			
Target Compounds						Qvalue
9) Propene	3.05	41	20545	0.352	ppbv #	69
13) Ethanol	3.65	45	209506	13.890	ppbv	66
15) Acetone	3.90	43	172969	1.193	ppbv	98
19) Isopropyl Alcohol	4.04	45	46768	0.510	ppbv #	93
20) Methylene Chloride	4.41	84	28513	0.463	ppbv #	83
26) Hexane	5.78	57	17448	0.146	ppbv #	59
53) Toluene	9.94	91	22647m	0.082	ppbv	

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

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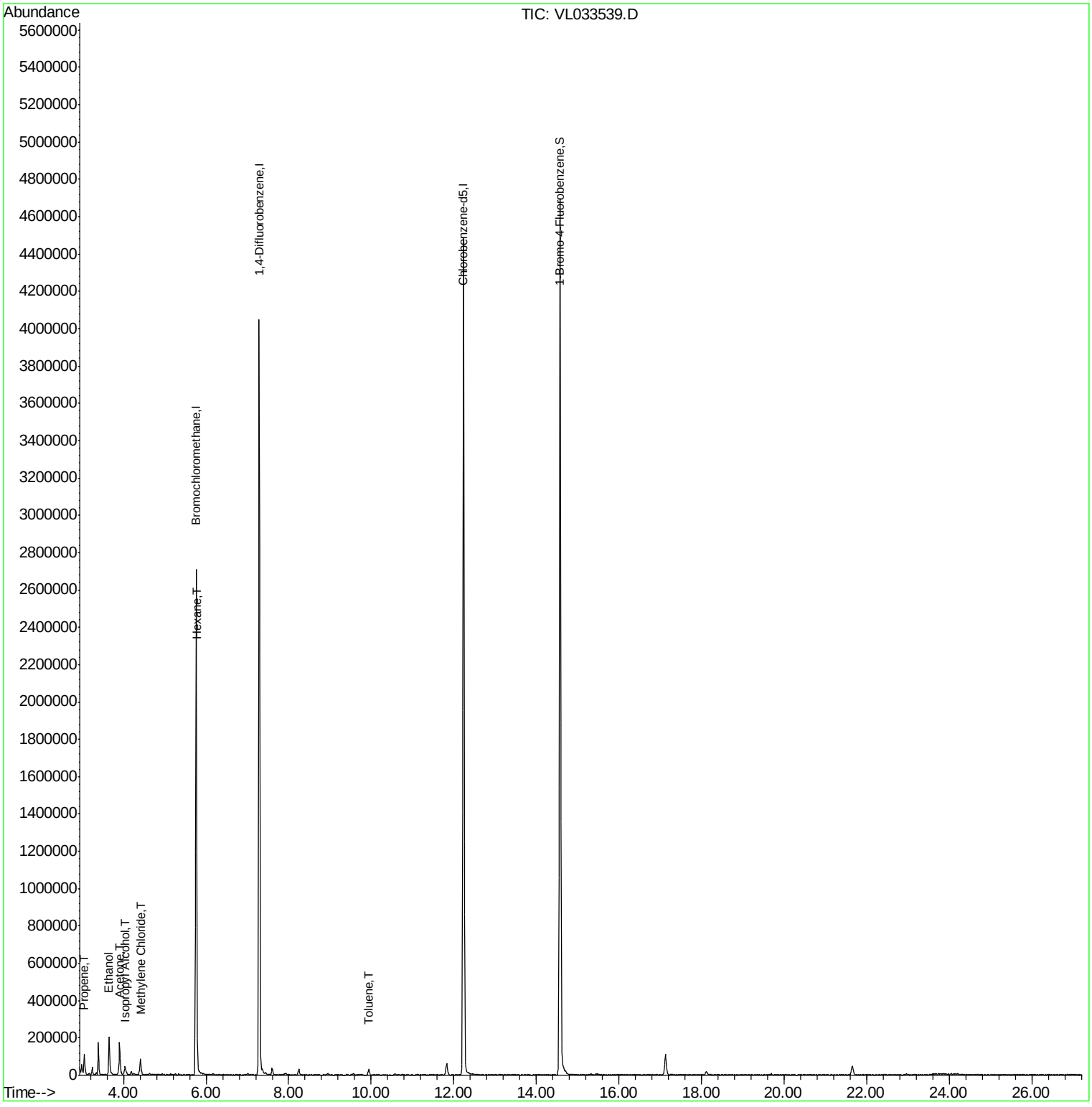
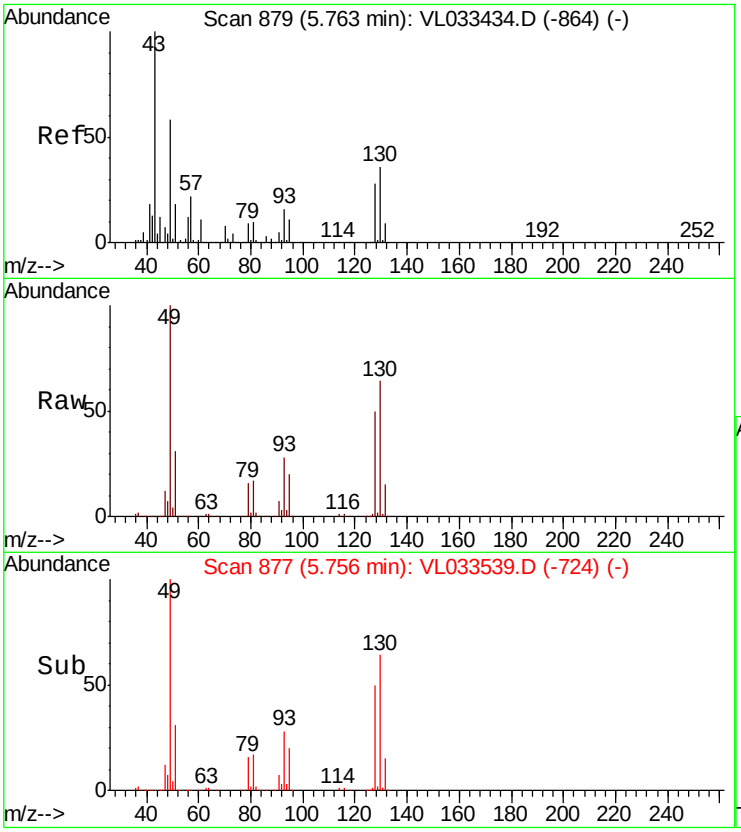
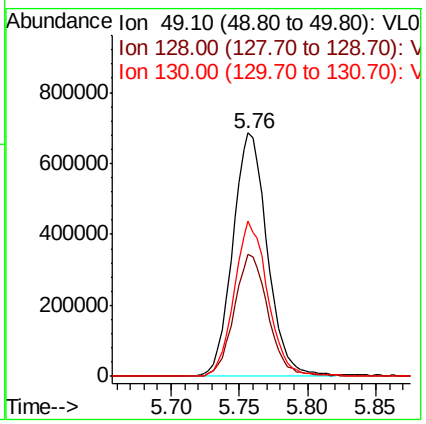




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 49 Resp: 1205583

Ion	Ratio	Lower	Upper
49	100		
128	49.4	24.0	72.0
130	62.6	31.2	93.6



Instrument :
MSVOA_L
ClientSampleId :
A-2DL

Manual Integrations APPROVED
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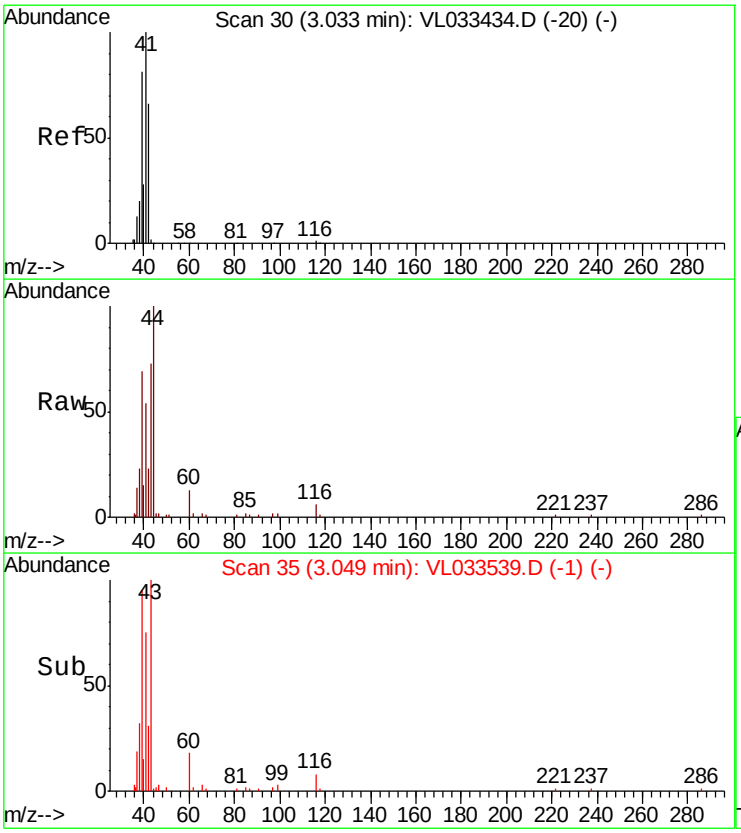
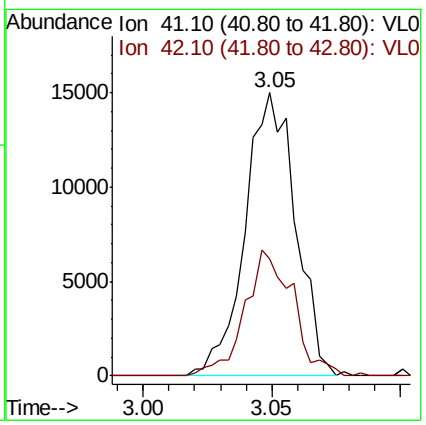
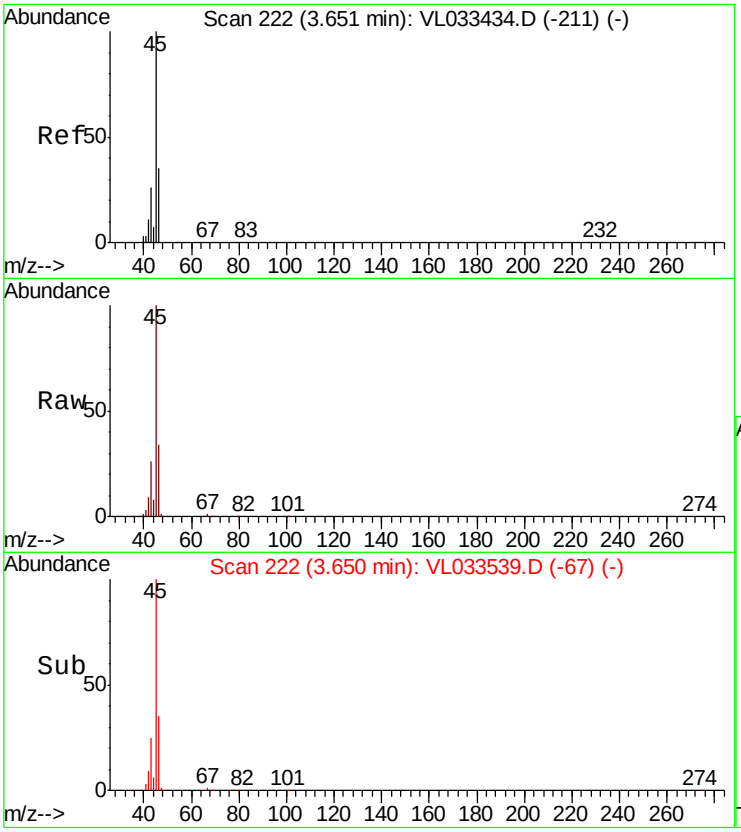


#9
Propene
Concen: 0.352 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.02 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 41 Resp: 20545

Ion	Ratio	Lower	Upper
41	100		
42	42.6	53.9	80.9#

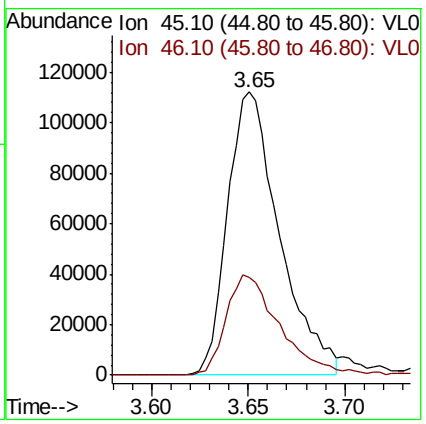




#13
Ethanol
Concen: 13.890 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 45 Resp: 209506

Ion	Ratio	Lower	Upper
45	100		
46	37.1	25.4	101.8



Instrument :
MSVOA_L
ClientSampleId :
A-2DL

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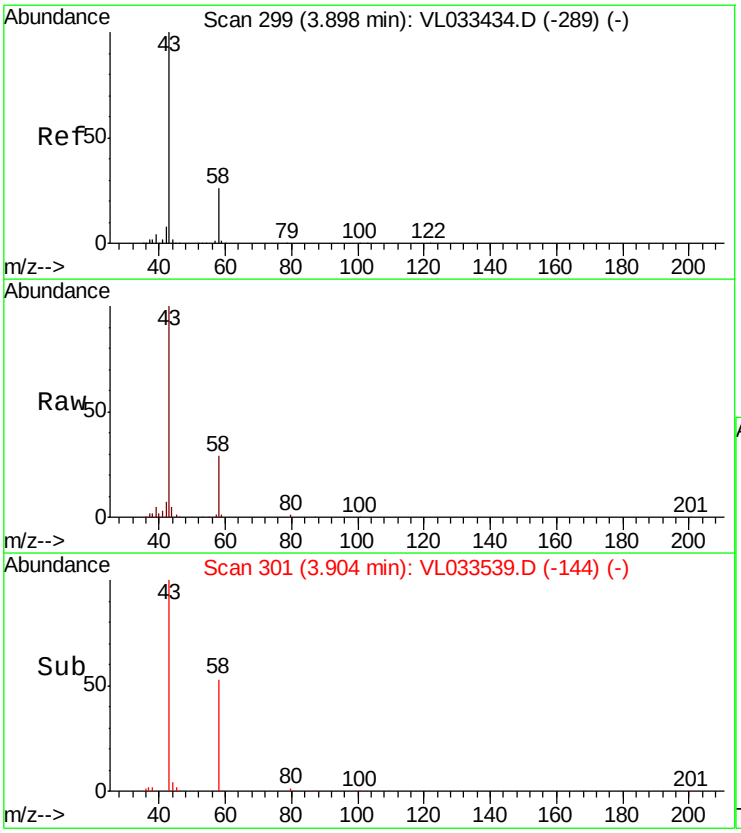
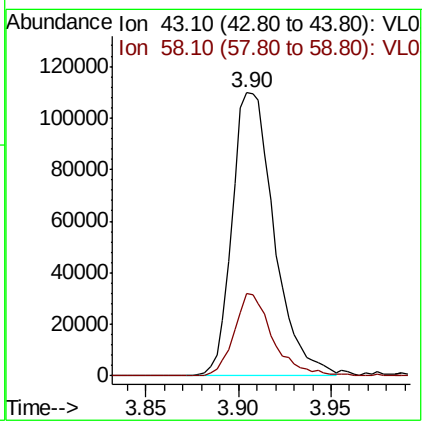
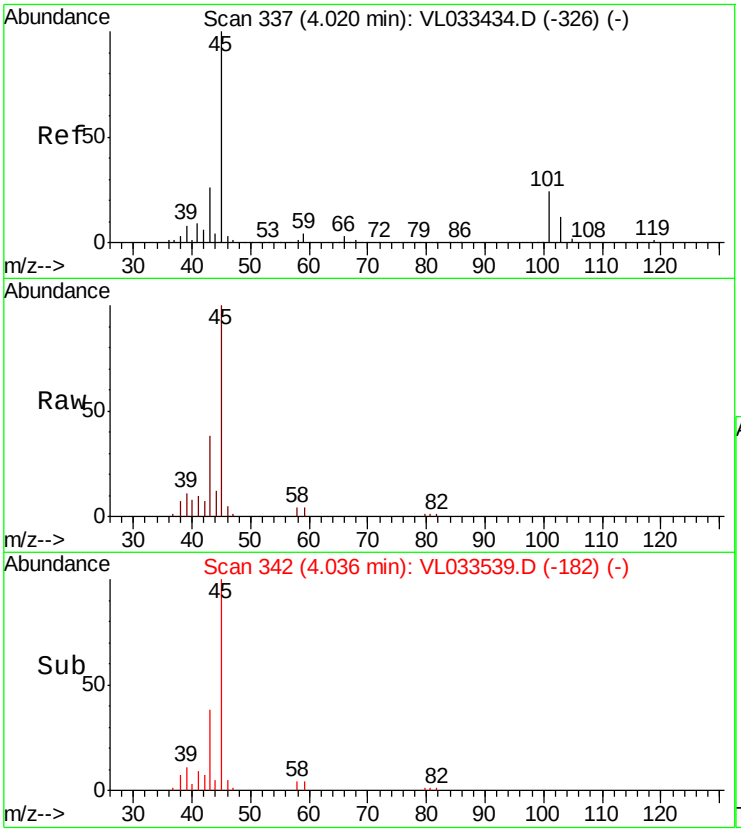


#15
Acetone
Concen: 1.193 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 43 Resp: 172969

Ion	Ratio	Lower	Upper
43	100		
58	26.6	20.5	30.7

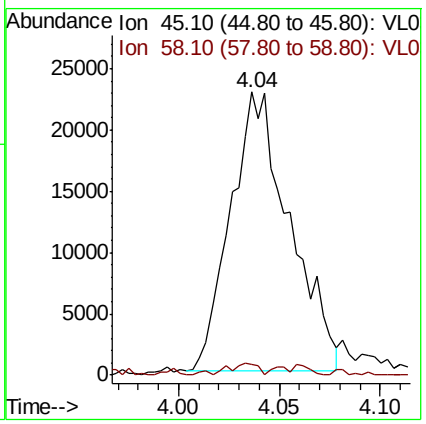




#19
Isopropyl Alcohol
Concen: 0.510 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 45 Resp: 46768

Ion	Ratio	Lower	Upper
45	100		
58	4.2	1.4	2.2#



Instrument :
MSVOA_L
ClientSampleId :
A-2DL

Manual Integrations APPROVED
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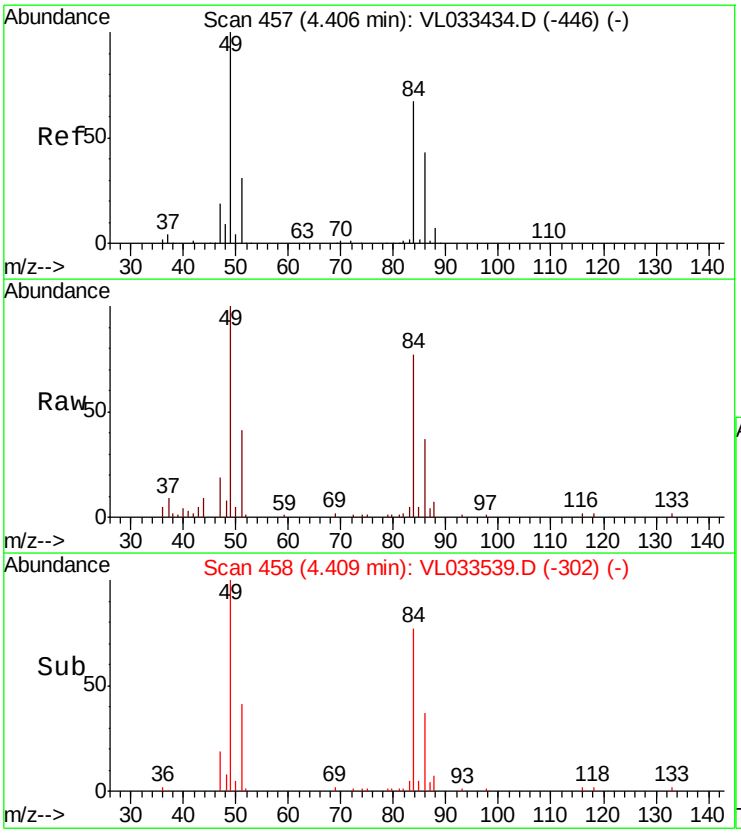
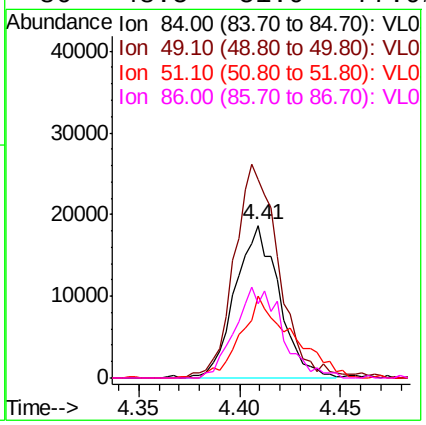
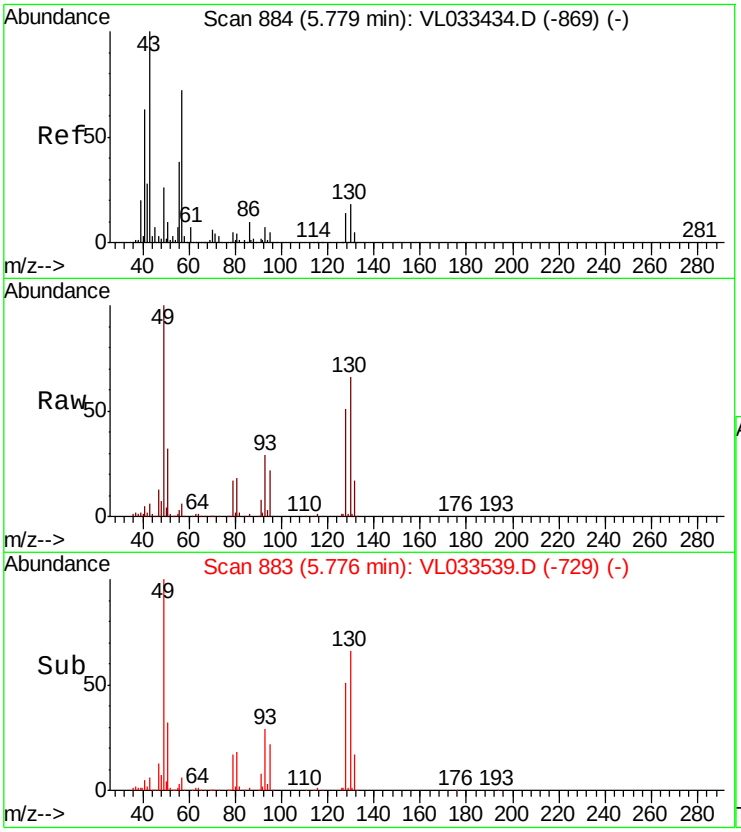


#20
Methylene Chloride
Concen: 0.463 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 84 Resp: 28513

Ion	Ratio	Lower	Upper
84	100		
49	128.8	120.0	180.0
51	53.6	36.7	55.1
86	48.5	51.9	77.9#

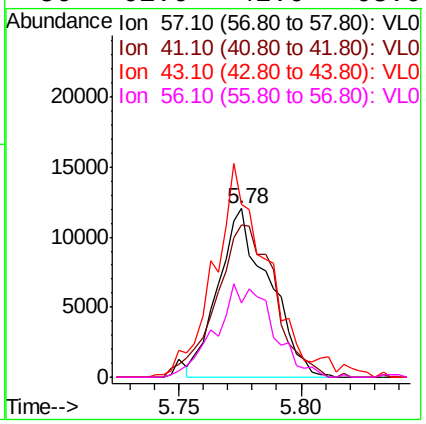




#26
Hexane
Concen: 0.146 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 57 Resp: 17448

Ion	Ratio	Lower	Upper
57	100		
41	103.6	70.7	106.1
43	134.3	182.6	274.0#
56	61.6	42.0	63.0



Instrument :
MSVOA_L
ClientSampleId :
A-2DL

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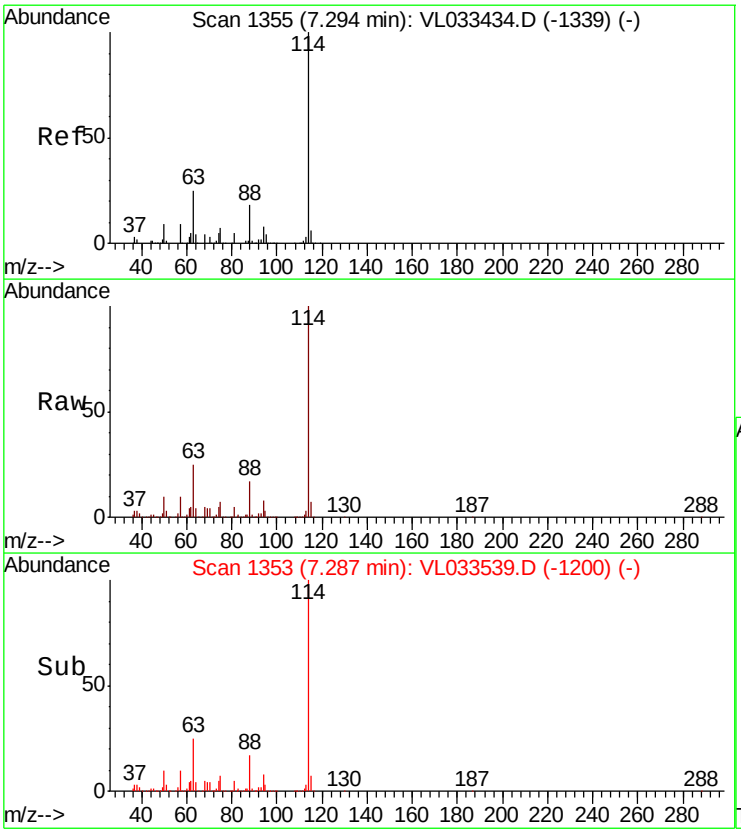
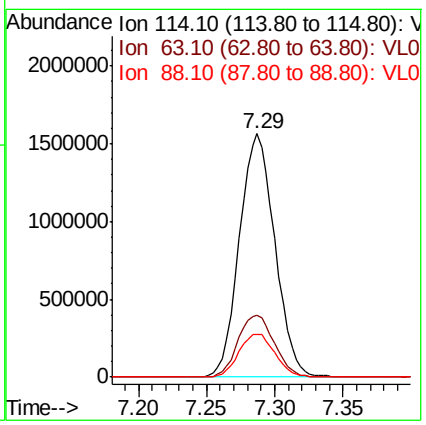
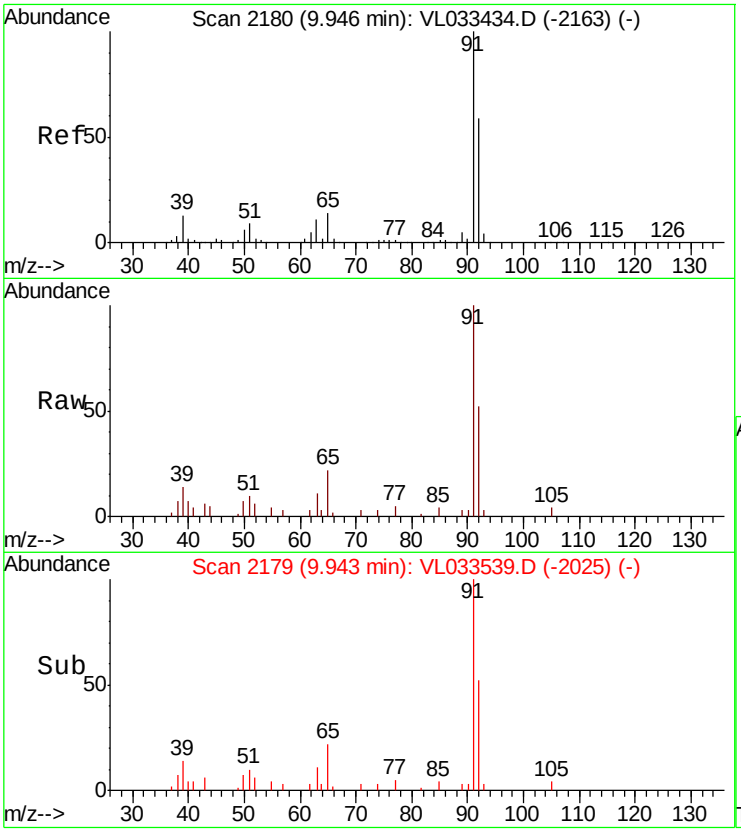


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion:114 Resp: 2818310

Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.5	32.3
88	18.0	14.5	21.7





#53
Toluene
Concen: 0.082 ppbv m
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 91 Resp: 22647

Ion	Ratio	Lower	Upper
91	100		
92	55.1	47.4	71.0

Instrument :
MSVOA_L
ClientSampleId :
A-2DL

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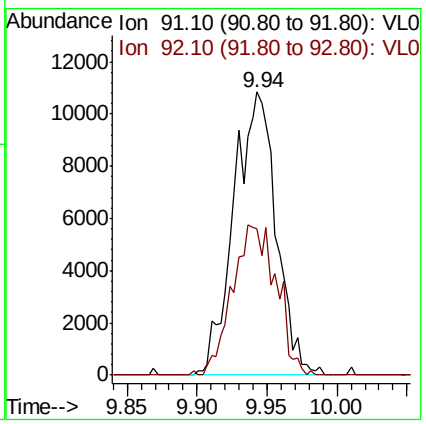
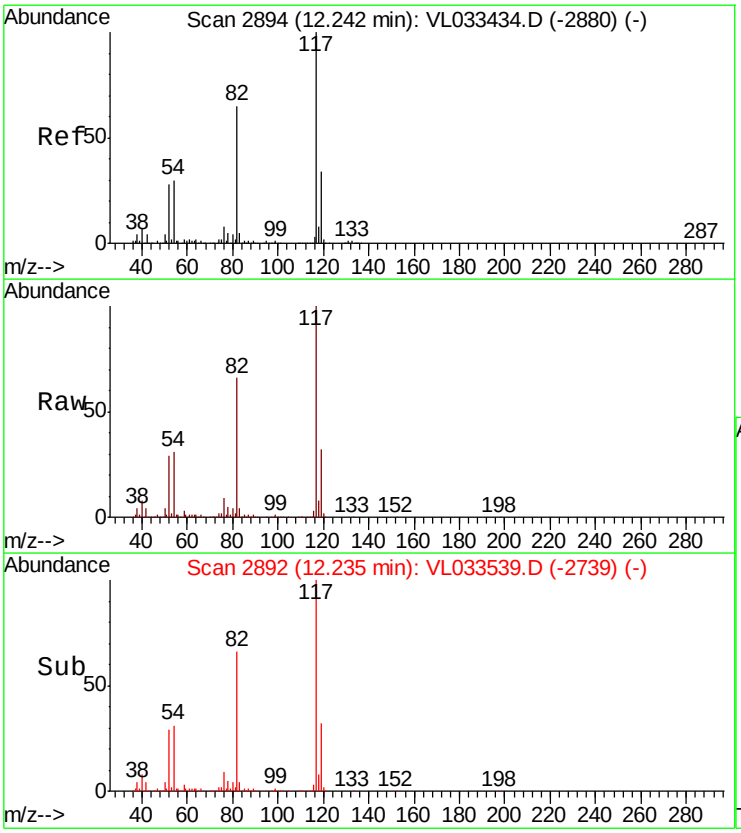
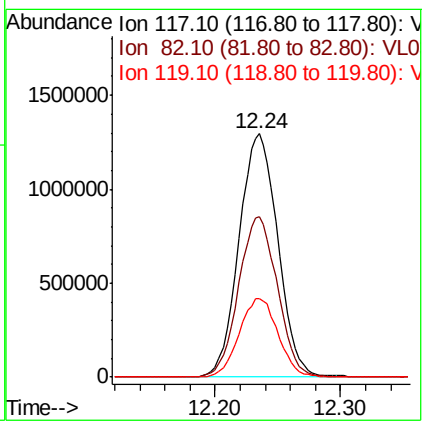


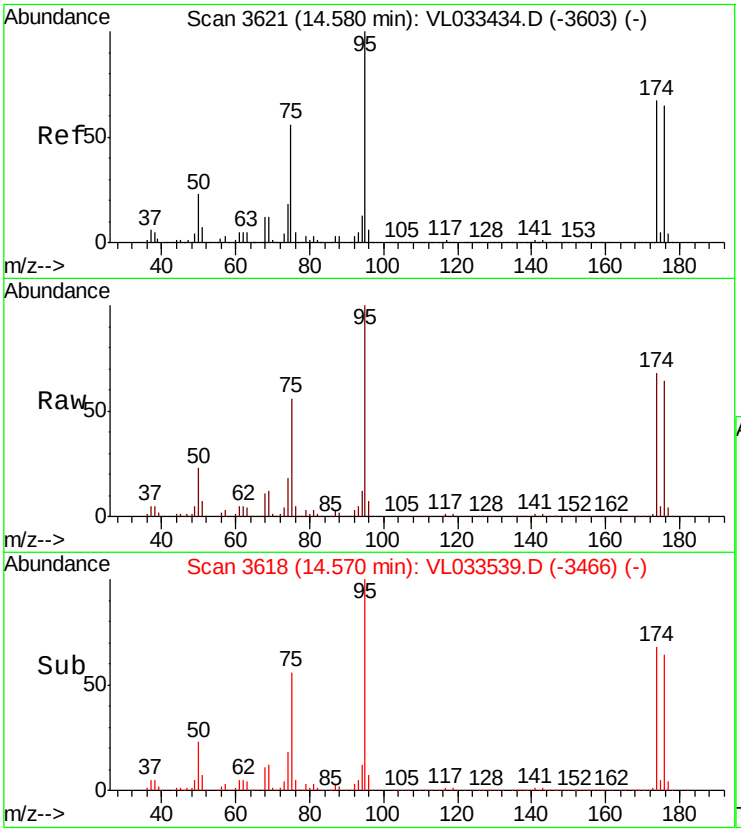


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion:117 Resp: 2779112

Ion	Ratio	Lower	Upper
117	100		
82	66.4	51.5	77.3
119	32.4	25.5	38.3

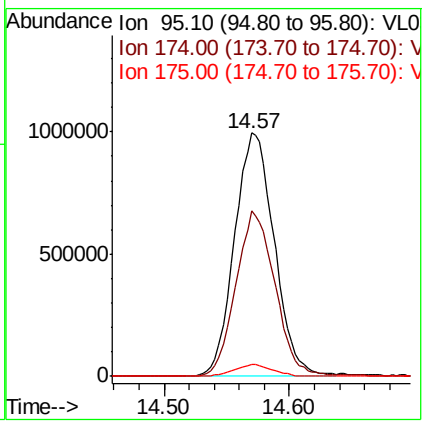




#68
1-Bromo-4-Fluorobenzene
Concen: 10.065 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033539.D
Acq: 4 Apr 2019 19:00

Tgt Ion: 95 Resp: 2192853

Ion	Ratio	Lower	Upper
95	100		
174	67.8	52.9	79.3
175	4.8	3.8	5.6



Instrument :
MSVOA_L
ClientSampleId :
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4/8/2019 3:22:19 AM