Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Data File : VL033969.D
Acq On : 26 Jun 2019 16:01
Operator : SY/AP
Sample : K3538-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 14:43:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 0
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : INDOOR-AIR

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	659396	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1530889	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1372683	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.55	95	1194263	10.59	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	38883	0.363	ppbv	95
3) Chlorodifluoromethane	3.00	51	45289	0.583	ppbv	96
4) Chloromethane	3.16	50	71268	1.610	ppbv	95
9) Propene	3.04	41	2932949m	100.975	ppbv	
11) Trichlorofluoromethane	3.99	101	37311	0.270	ppbv	94
13) Ethanol	3.63	45	694295m	73.467	ppbv	
15) Acetone	3.89	43	553823m	5.759	ppbv	
19) Isopropyl Alcohol	4.02	45	51611	0.939	ppbv #	1
20) Methylene Chloride	4.39	84	436412	11.637	ppbv	97
26) Hexane	5.76	57	19180m	0.288	ppbv	
41) Tetrahydrofuran	6.14	42	14310m	0.326	ppbv	

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

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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

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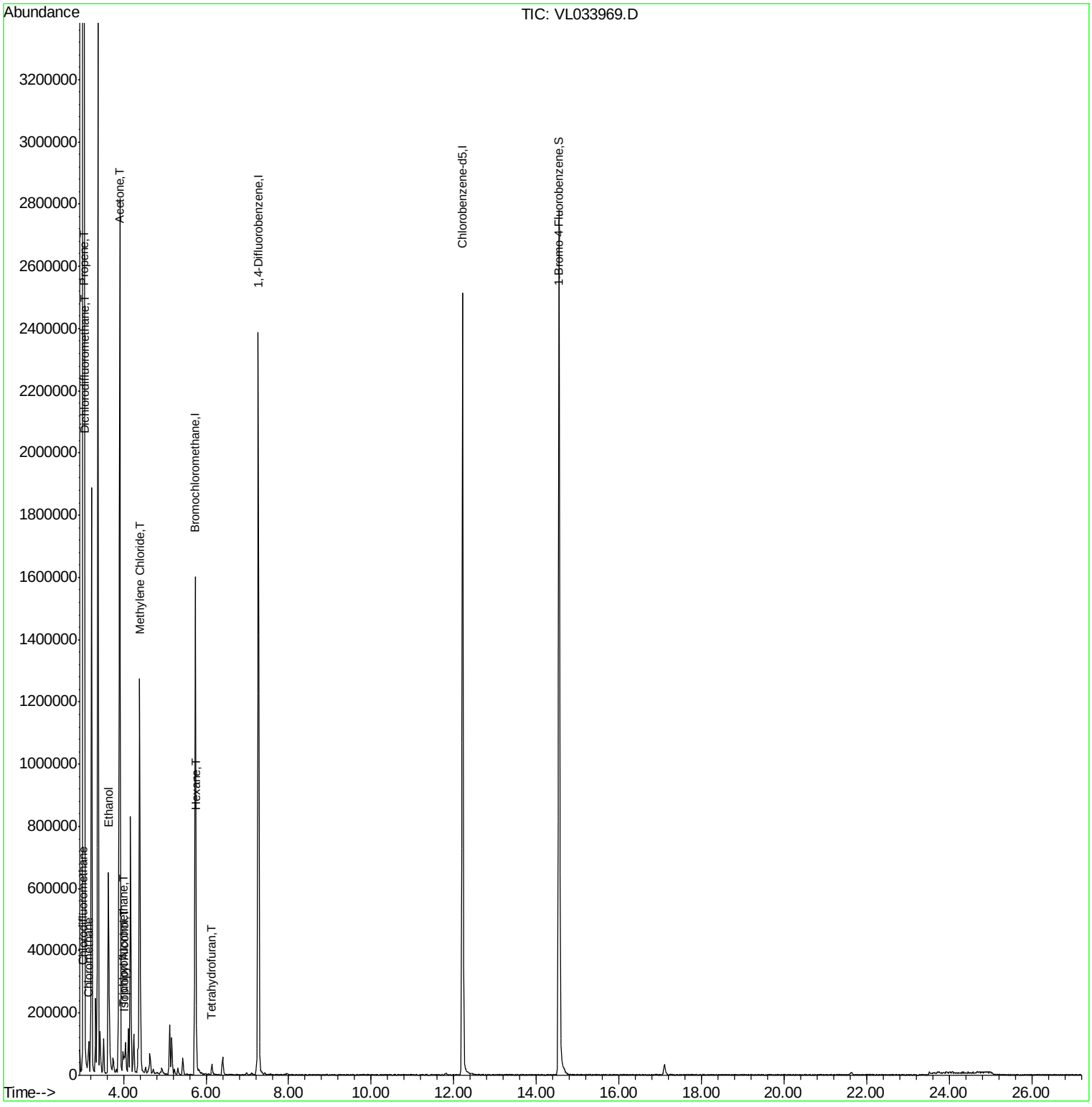
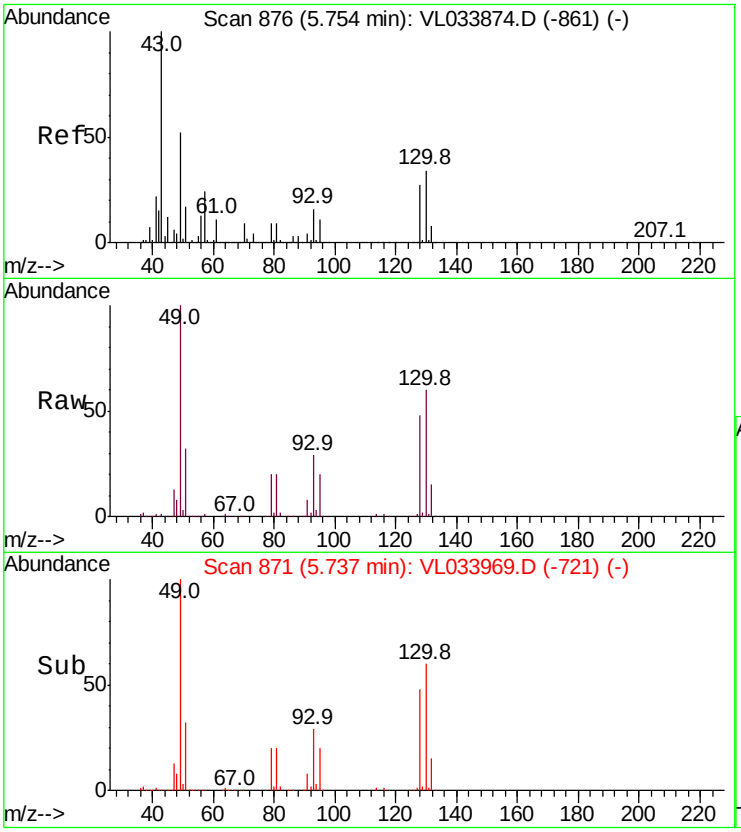
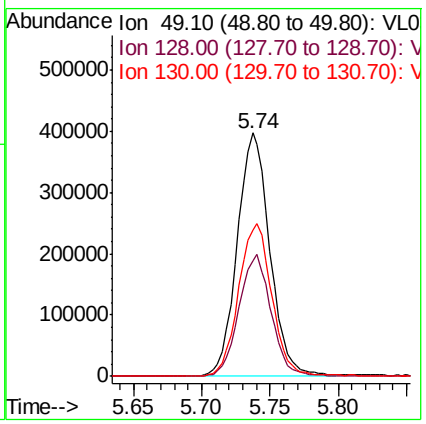




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.74 min Scan# 871
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 49 Resp: 659396

Ion	Ratio	Lower	Upper
49	100		
128	49.4	25.5	76.5
130	64.2	32.5	97.4



Instrument :
MSVOA_L
ClientSampleId :
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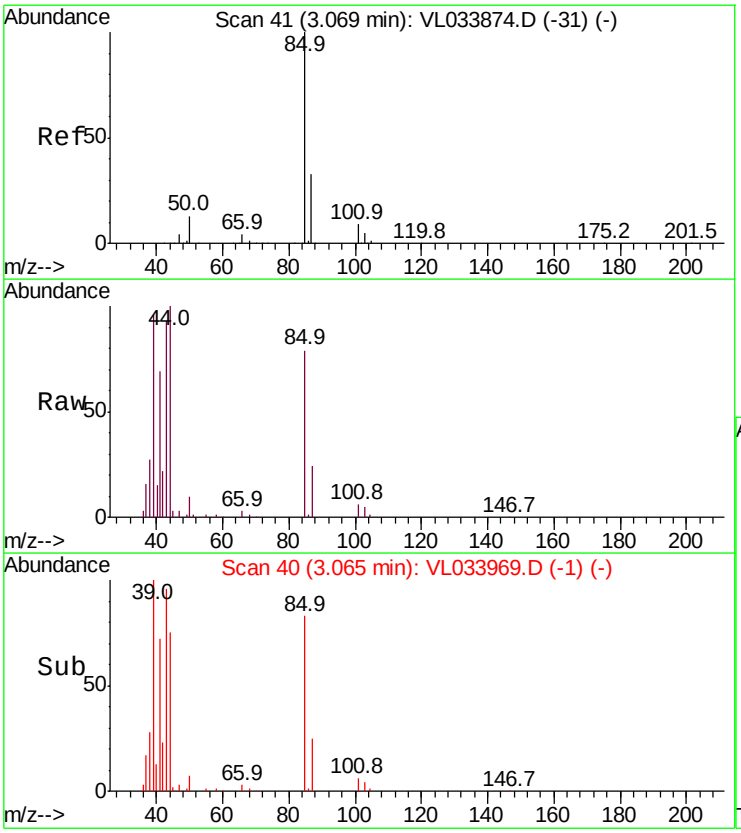
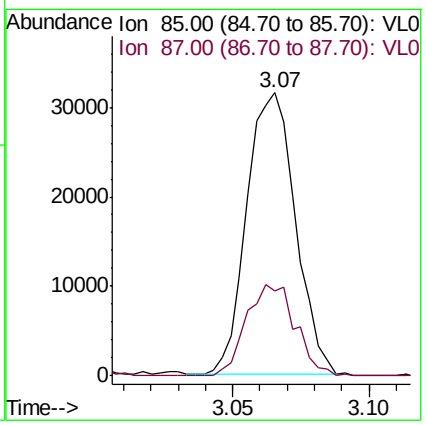
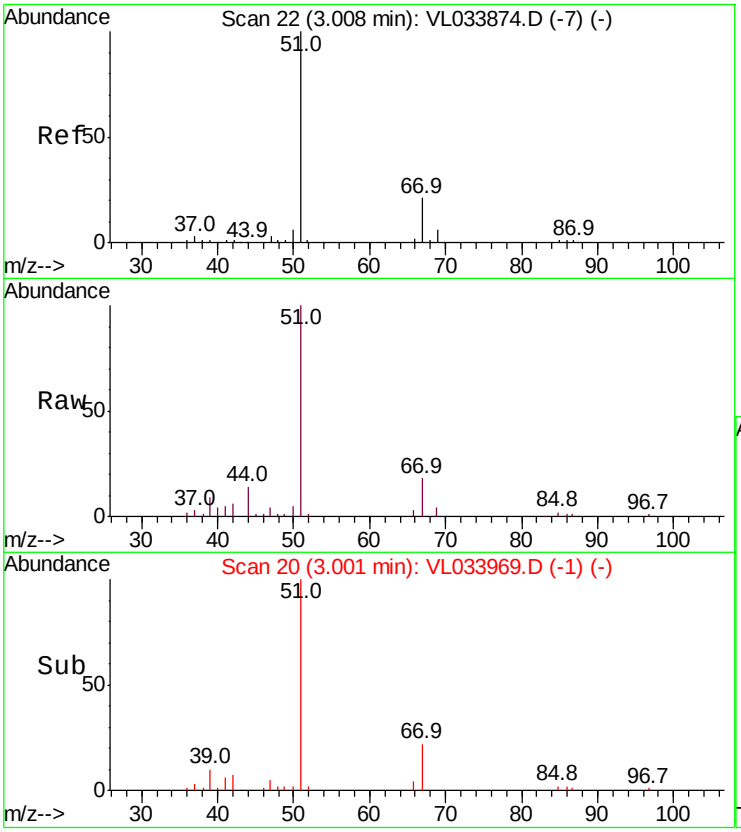


#2
Dichlorodifluoromethane
Concen: 0.363 ppbv
RT: 3.07 min Scan# 40
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 85 Resp: 38883

Ion	Ratio	Lower	Upper
85	100		
87	30.2	26.6	40.0

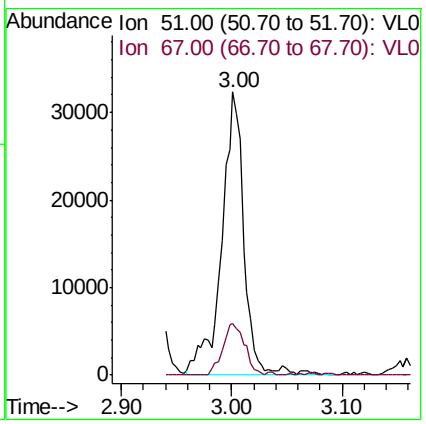




#3
Chlorodifluoromethane
Concen: 0.583 ppbv
RT: 3.00 min Scan# 20
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 51 Resp: 45289

Ion	Ratio	Lower	Upper
51	100		
67	18.5	16.4	24.6



Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

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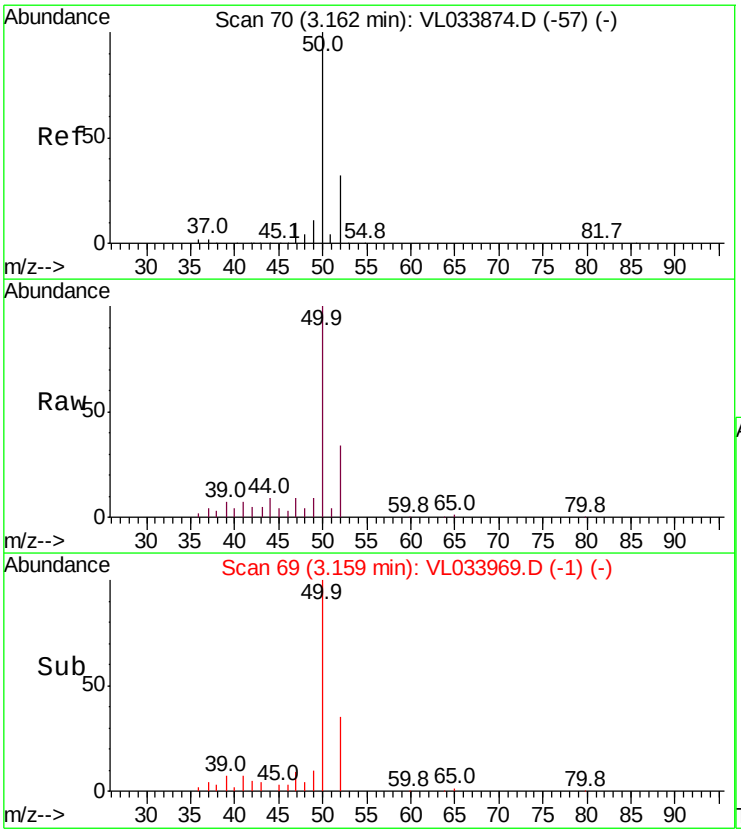
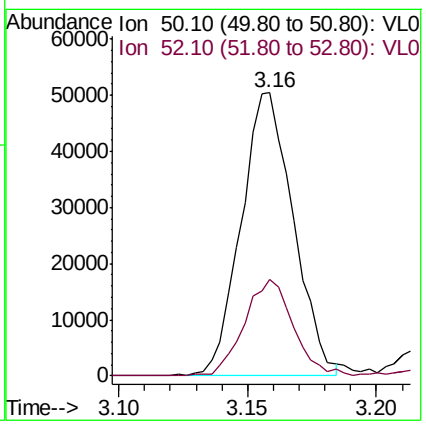
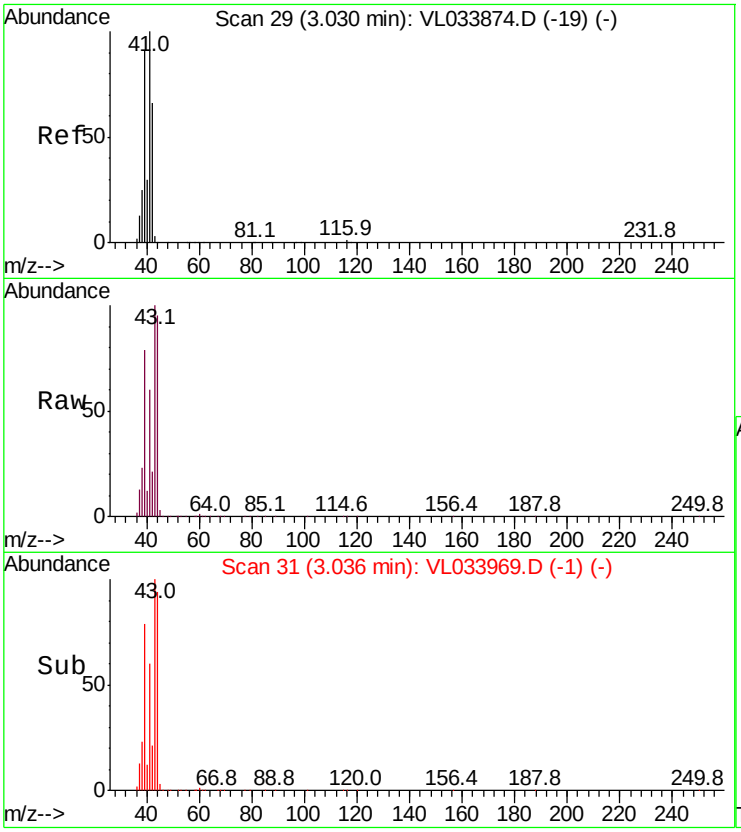


#4
Chloromethane
Concen: 1.610 ppbv
RT: 3.16 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 50 Resp: 71268

Ion	Ratio	Lower	Upper
50	100		
52	34.3	25.4	38.0





#9
Propene
Concen: 100.975 ppbv m
RT: 3.04 min Scan# 31
Delta R.T. 0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 41 Resp: 2932949

Ion	Ratio	Lower	Upper
41	100		
42	10.6	56.3	84.5#

Instrument :
MSVOA_L
ClientSampleId :
INDOOR-AIR

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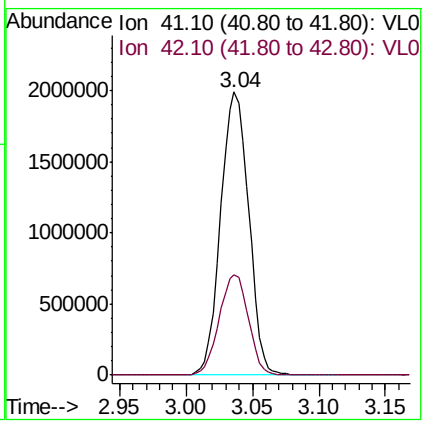
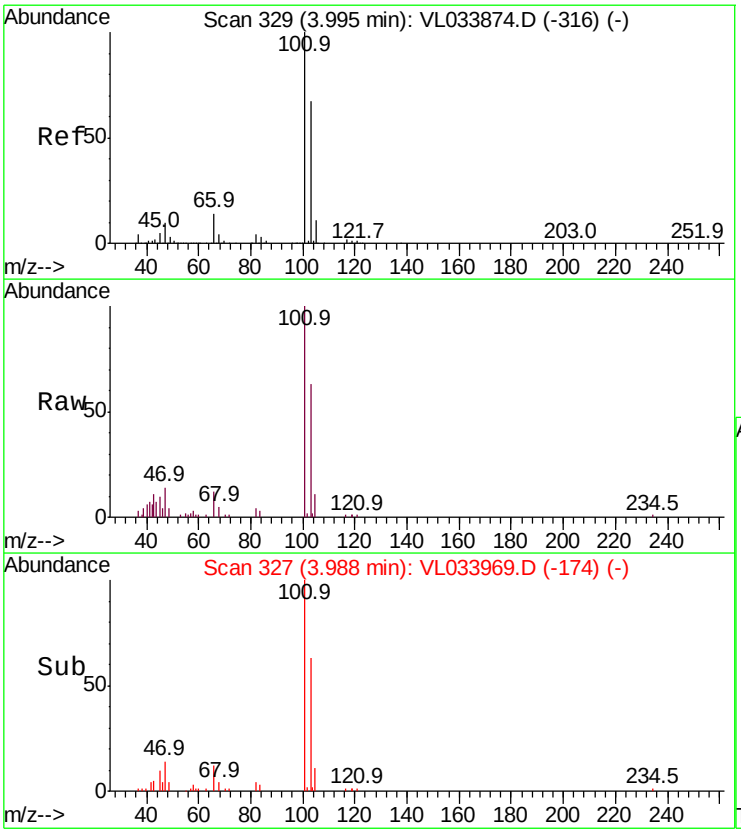
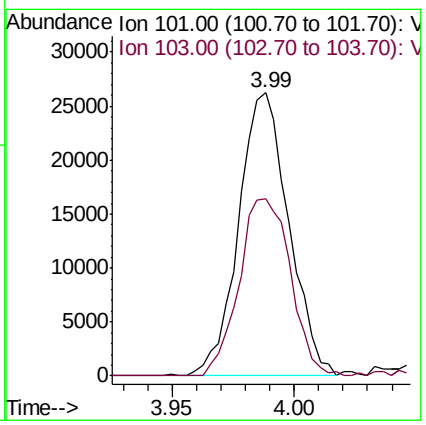


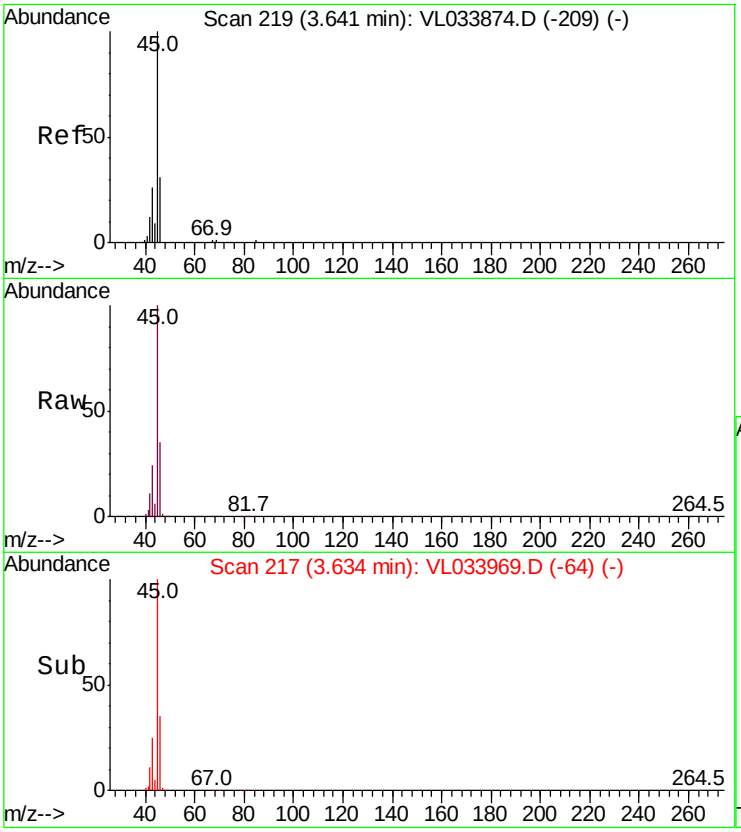


#11
Trichlorofluoromethane
Concen: 0.270 ppbv
RT: 3.99 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion:101 Resp: 37311

Ion	Ratio	Lower	Upper
101	100		
103	62.5	53.6	80.4

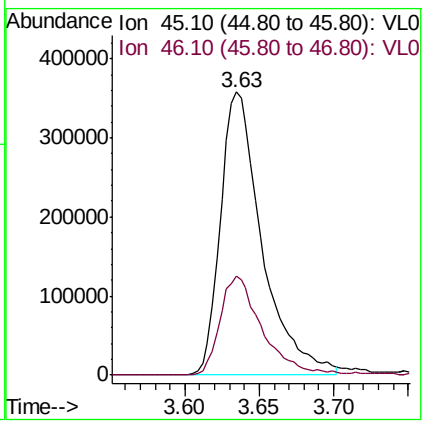




#13
Ethanol
Concen: 73.467 ppbv m
RT: 3.63 min Scan# 217
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 45 Resp: 694295

Ion	Ratio	Lower	Upper
45	100		
46	36.5	15.3	61.1



Instrument :
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ClientSampleId :
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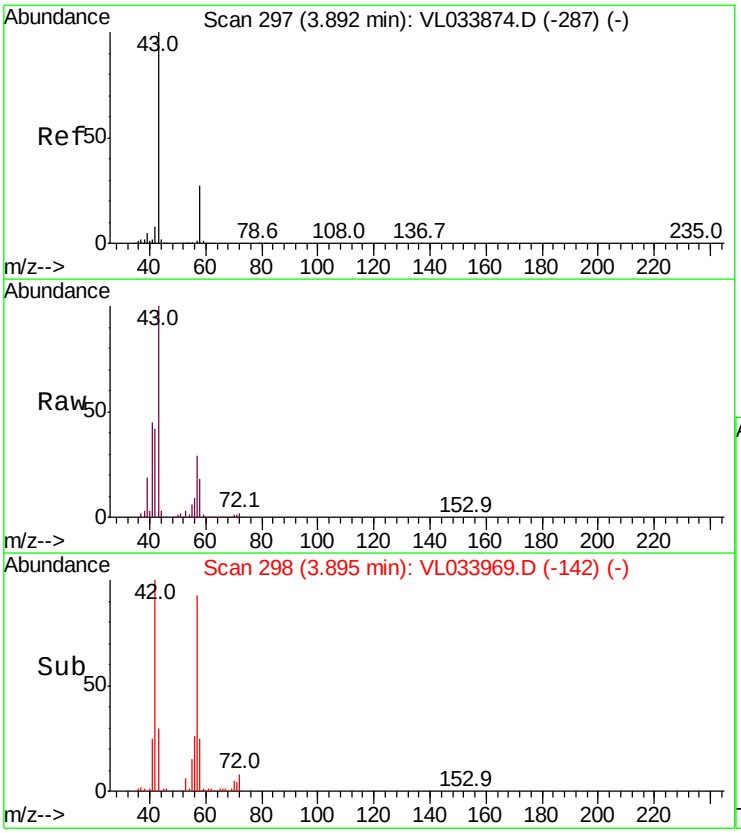
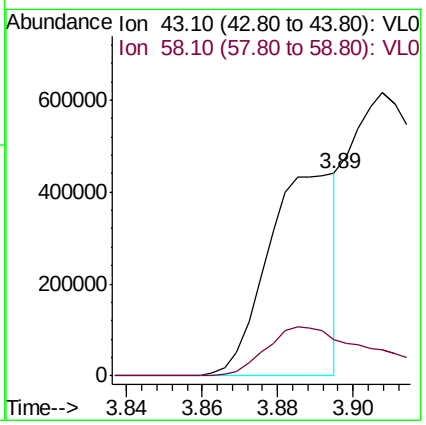
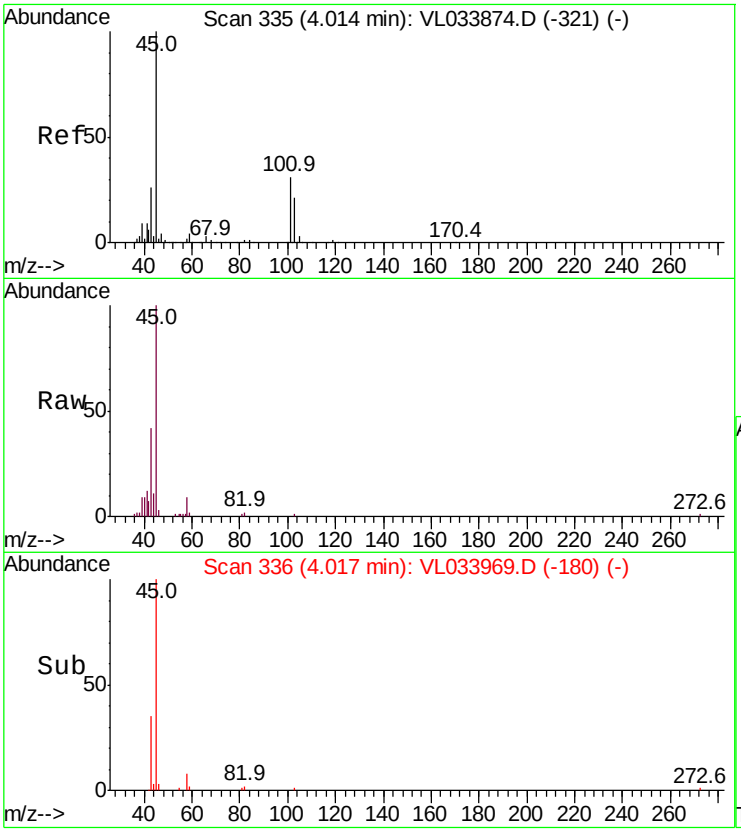


#15
Acetone
Concen: 5.759 ppbv m
RT: 3.89 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 43 Resp: 553823

Ion	Ratio	Lower	Upper
43	100		
58	37.7	21.3	31.9#





#19
Isopropyl Alcohol
Concen: 0.939 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 45 Resp: 51611

Ion	Ratio	Lower	Upper
45	100		
58	404.8	1.8	2.6#

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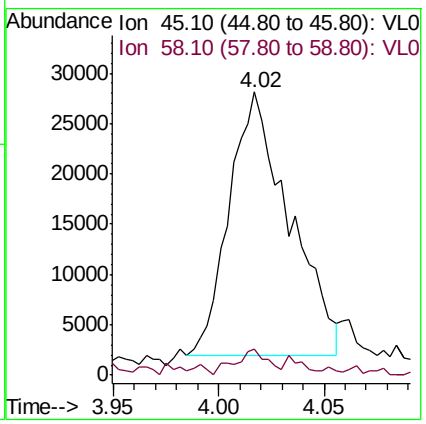
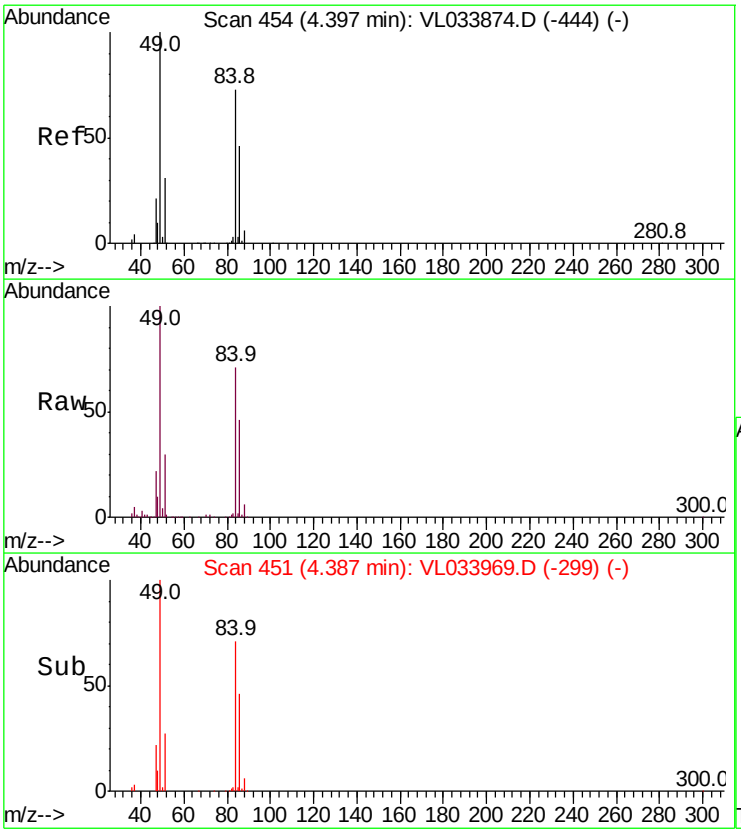
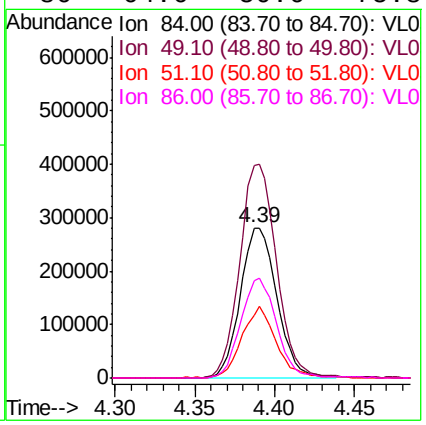


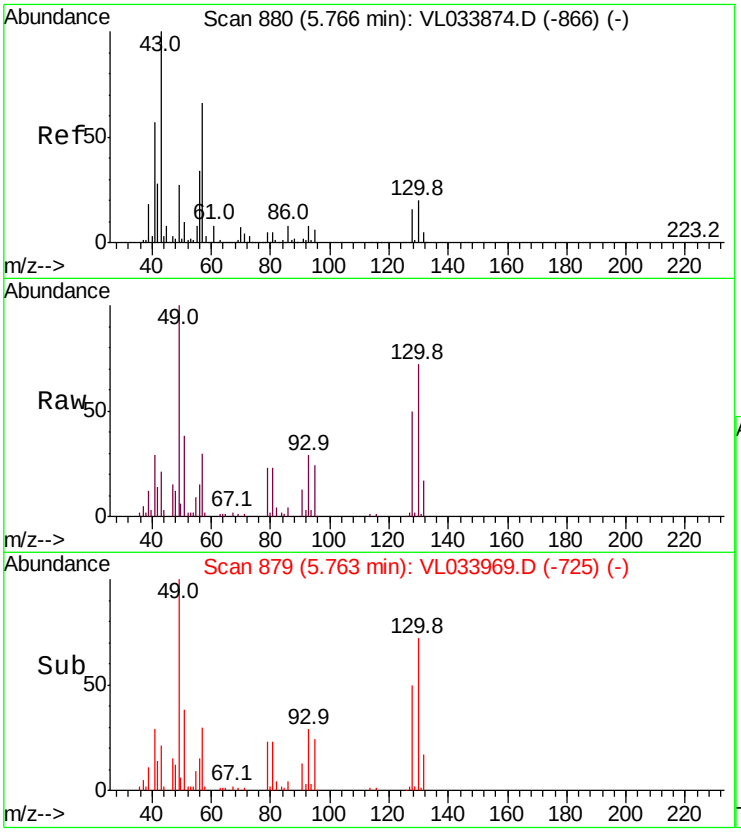


#20
Methylene Chloride
Concen: 11.637 ppbv
RT: 4.39 min Scan# 451
Delta R.T. -0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 84 Resp: 436412

Ion	Ratio	Lower	Upper
84	100		
49	141.2	110.0	165.0
51	41.2	34.6	51.8
86	64.6	50.6	75.8

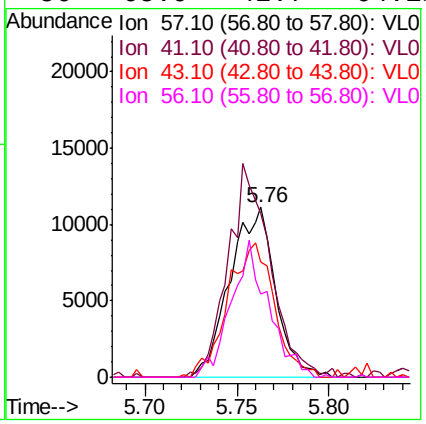




#26
Hexane
Concen: 0.288 ppbv m
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 57 Resp: 19180

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	80.5	183.7	275.5#
56	65.9	42.7	64.1#



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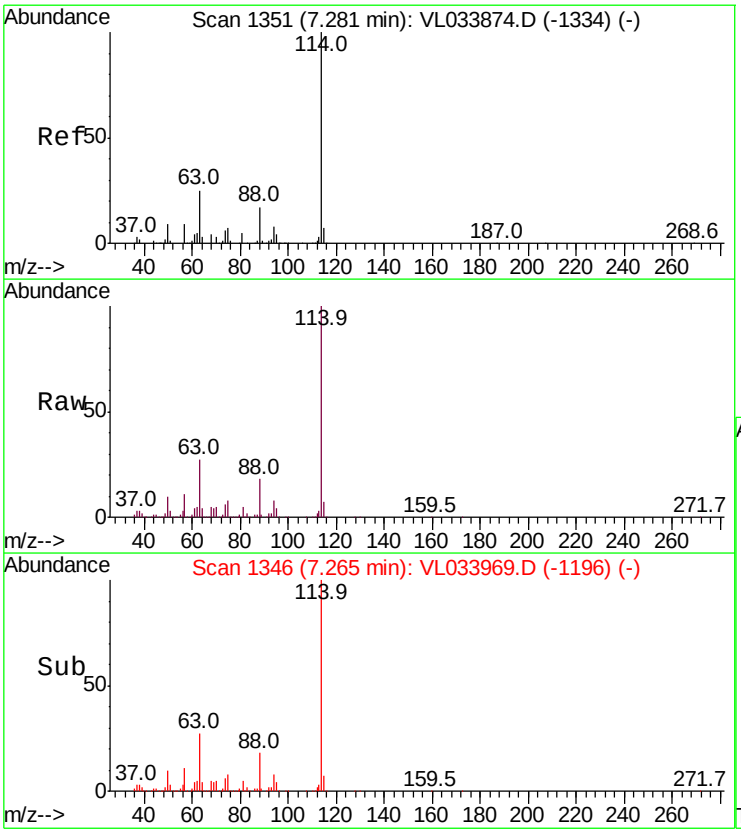
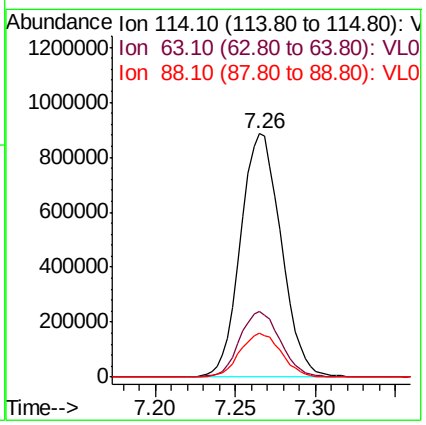
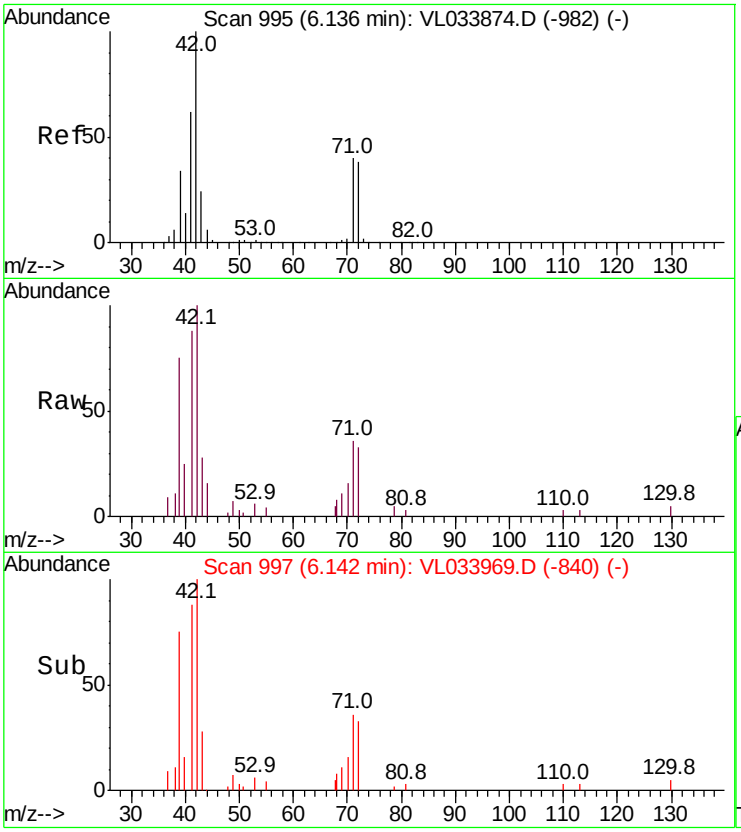


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion:114 Resp: 1530889

Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.1	31.7
88	18.3	14.2	21.4





#41
Tetrahydrofuran
Concen: 0.326 ppbv m
RT: 6.14 min Scan# 997
Delta R.T. 0.01 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 42 Resp: 14310

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.2	48.4#
71	0.0	31.7	47.5#

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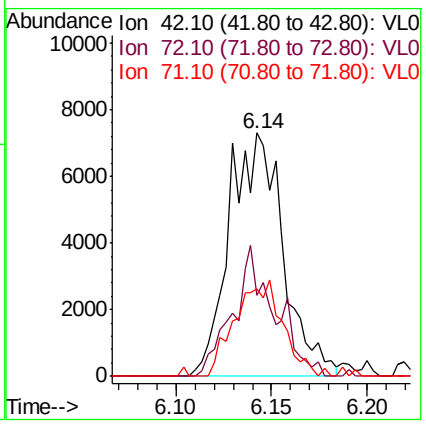
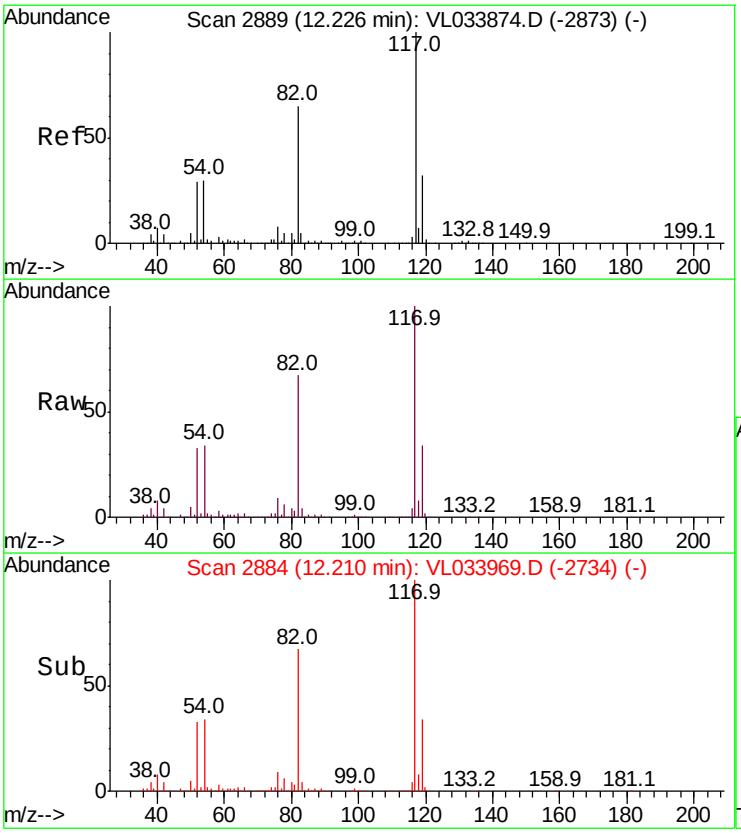
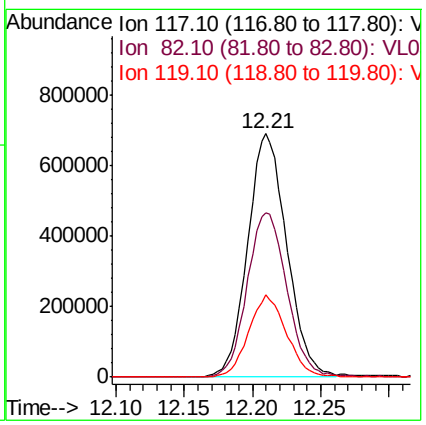


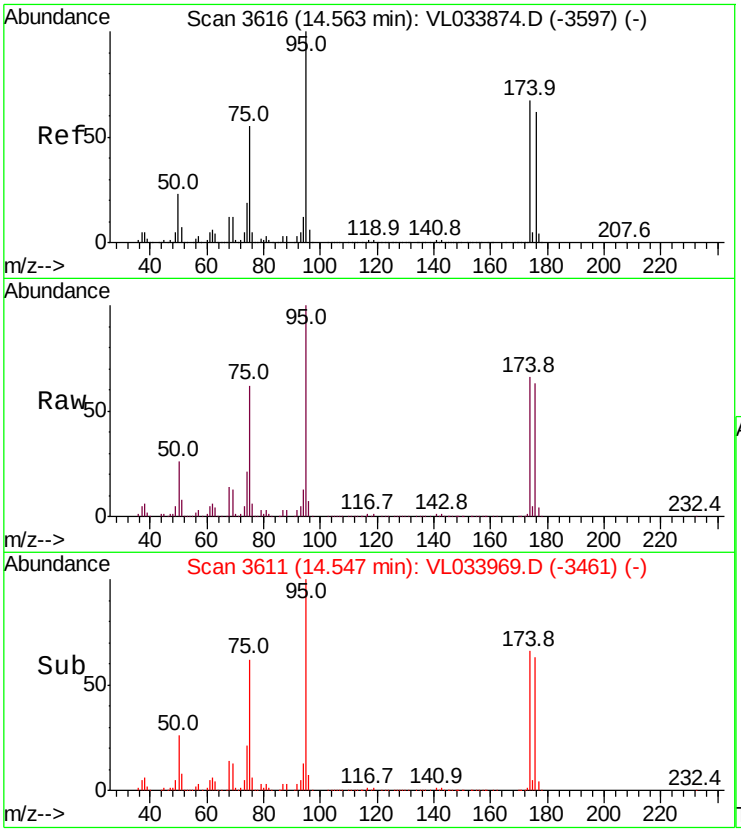


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion:117 Resp: 1372683

Ion	Ratio	Lower	Upper
117	100		
82	69.3	50.2	75.2
119	33.0	24.8	37.2

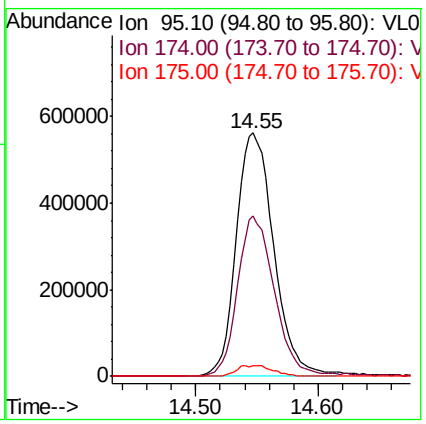




#68
1-Bromo-4-Fluorobenzene
Concen: 10.592 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033969.D
Acq: 26 Jun 2019 16:01

Tgt Ion: 95 Resp: 1194263

Ion	Ratio	Lower	Upper
95	100		
174	65.8	54.0	81.0
175	4.5	3.8	5.8



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