Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Data File : VL033981.D
Acq On : 26 Jun 2019 23:53
Operator : SY/AP
Sample : K3538-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL2

Manual Integrations APPROVED
MMDadoda
6/27/2019 3:02:08 PM

Quant Time: Jun 27 07:05:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	851331	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1886266	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1901178	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.54	95	1596551	10.22	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%			
Target Compounds						Qvalue
9) Propene	3.03	41	5634m	0.150	ppbv	
15) Acetone	3.90	43	47003	0.379	ppbv	# 83
20) Methylene Chloride	4.39	84	5724	0.118	ppbv	# 72

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

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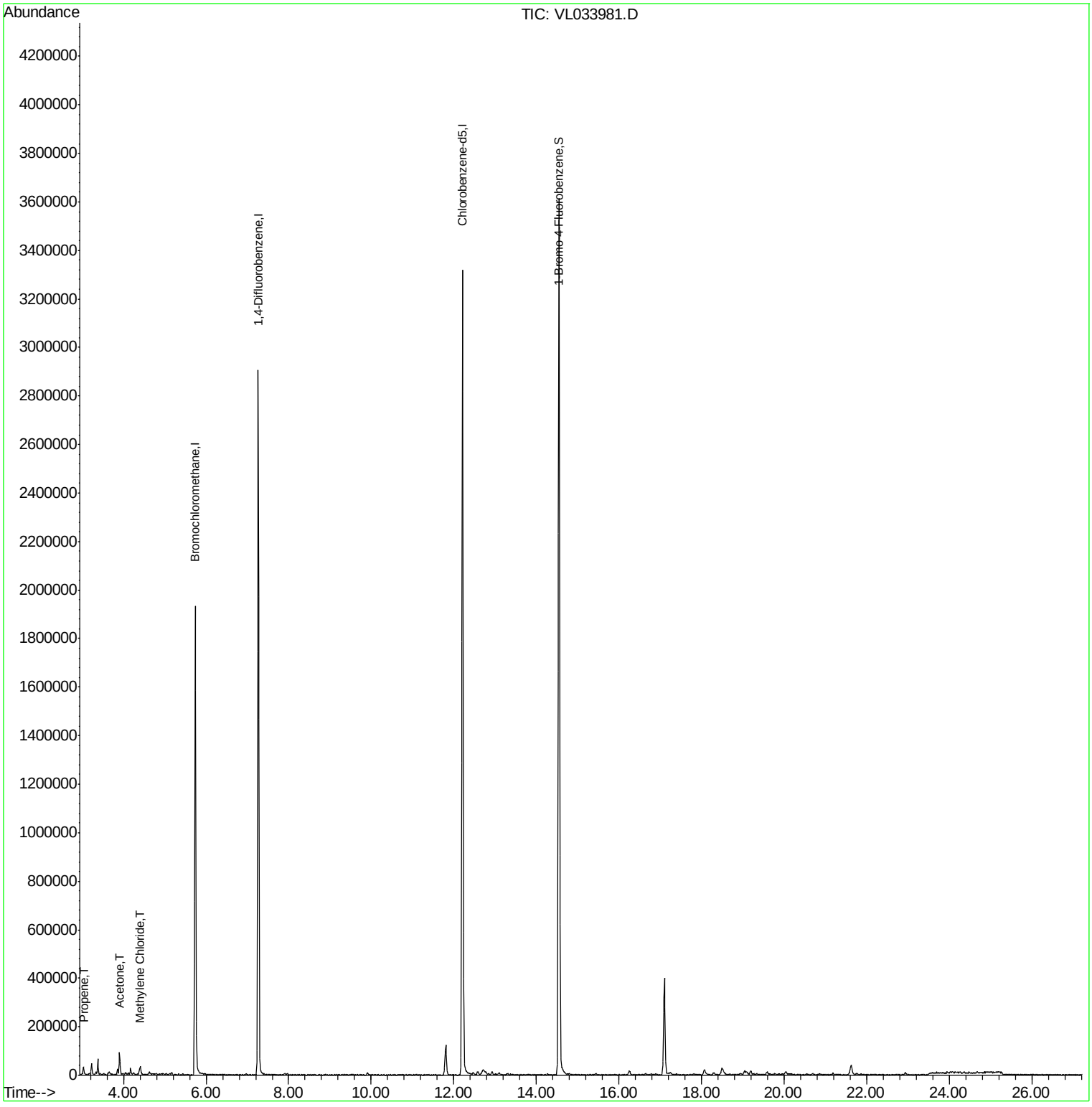
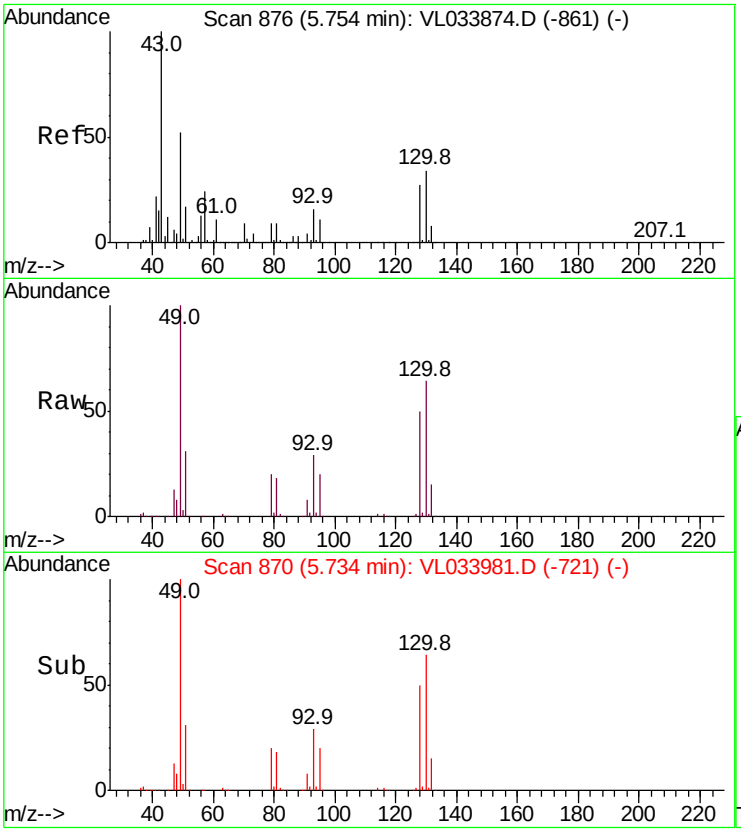
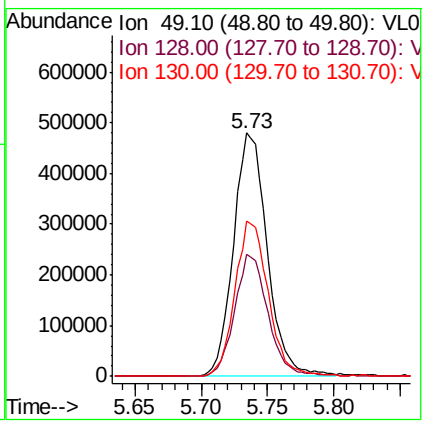




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.73 min Scan# 870
Delta R.T. -0.02 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion: 49 Resp: 851331

Ion	Ratio	Lower	Upper
49	100		
128	49.8	25.5	76.5
130	63.4	32.5	97.4



Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL2

Manual Integrations APPROVED
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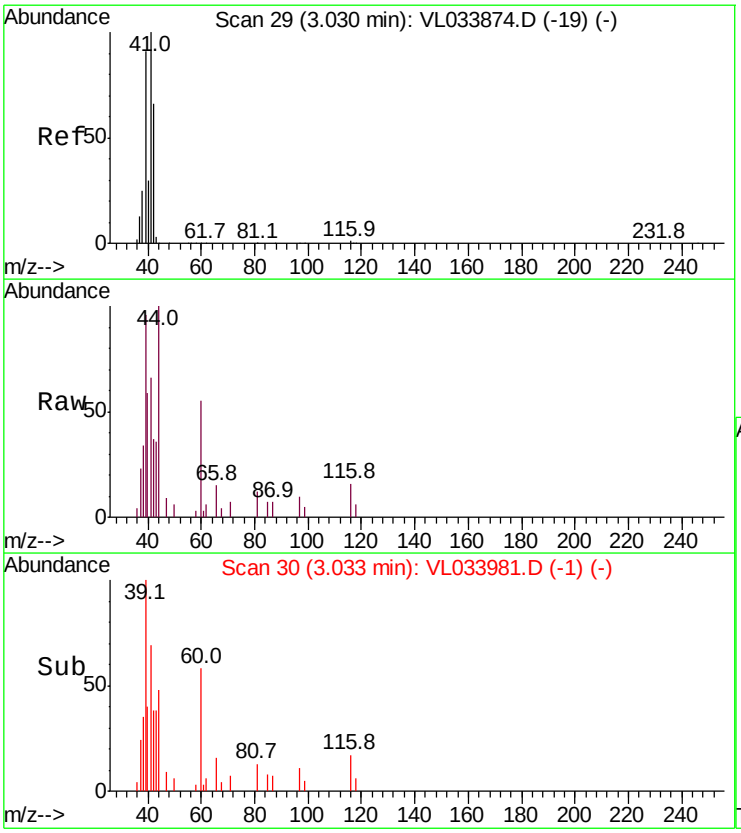
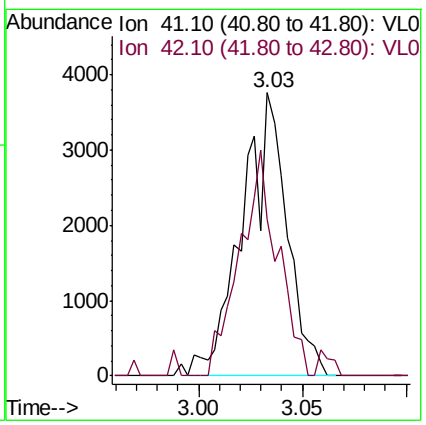
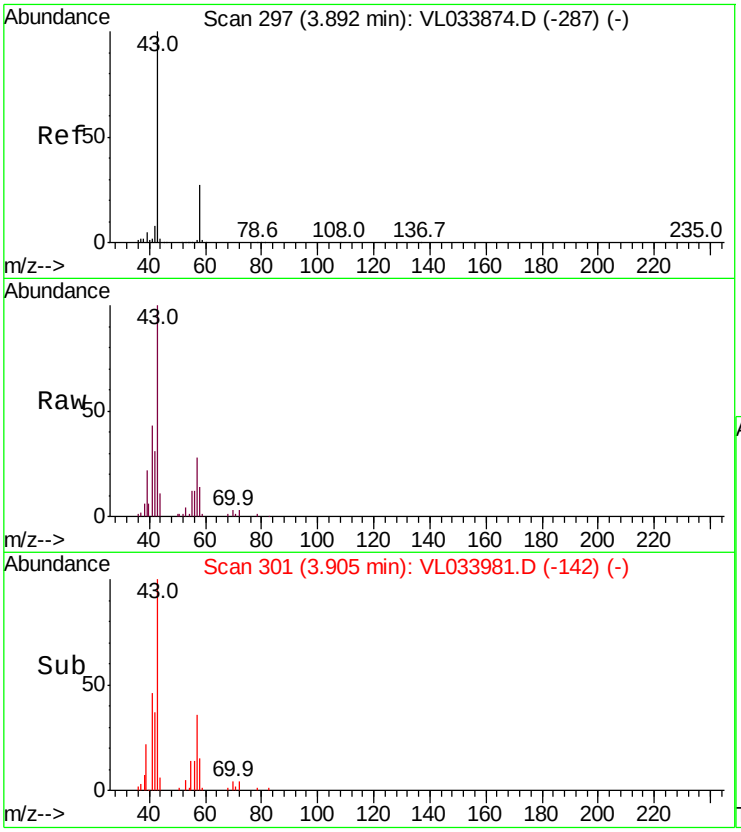


#9
Propene
Concen: 0.150 ppbv m
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion: 41 Resp: 5634

Ion	Ratio	Lower	Upper
41	100		
42	142.2	56.3	84.5#

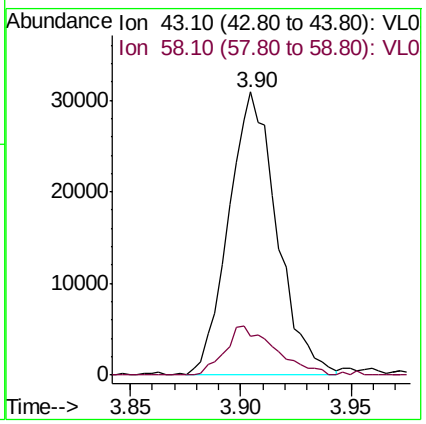




#15
Acetone
Concen: 0.379 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion: 43 Resp: 47003

Ion	Ratio	Lower	Upper
43	100		
58	18.0	21.3	31.9#



Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL2

Manual Integrations APPROVED
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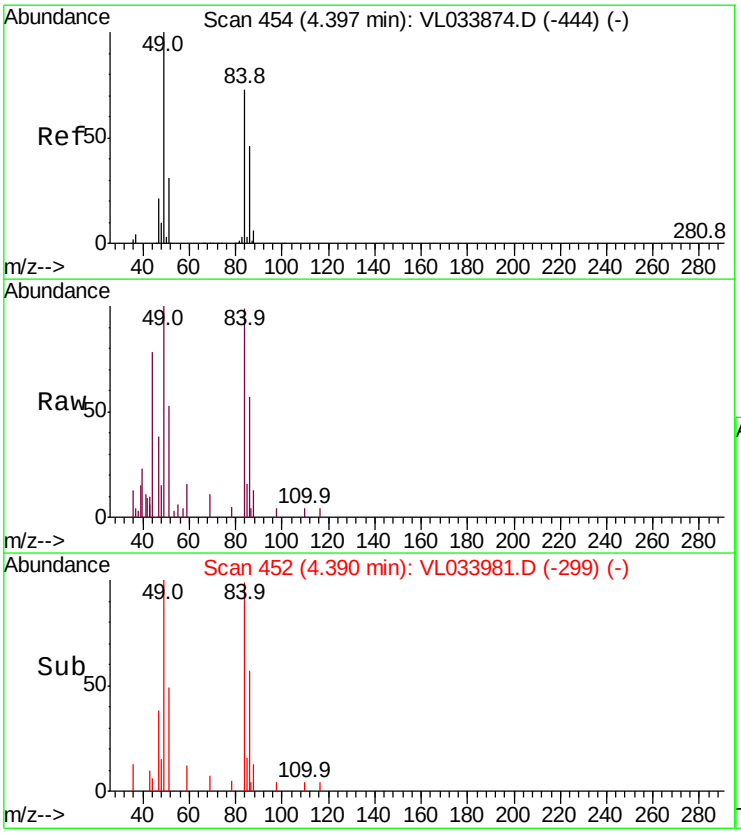
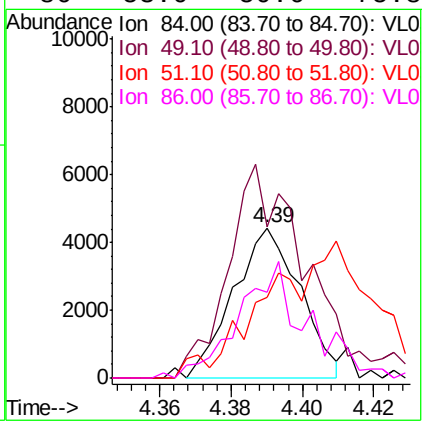
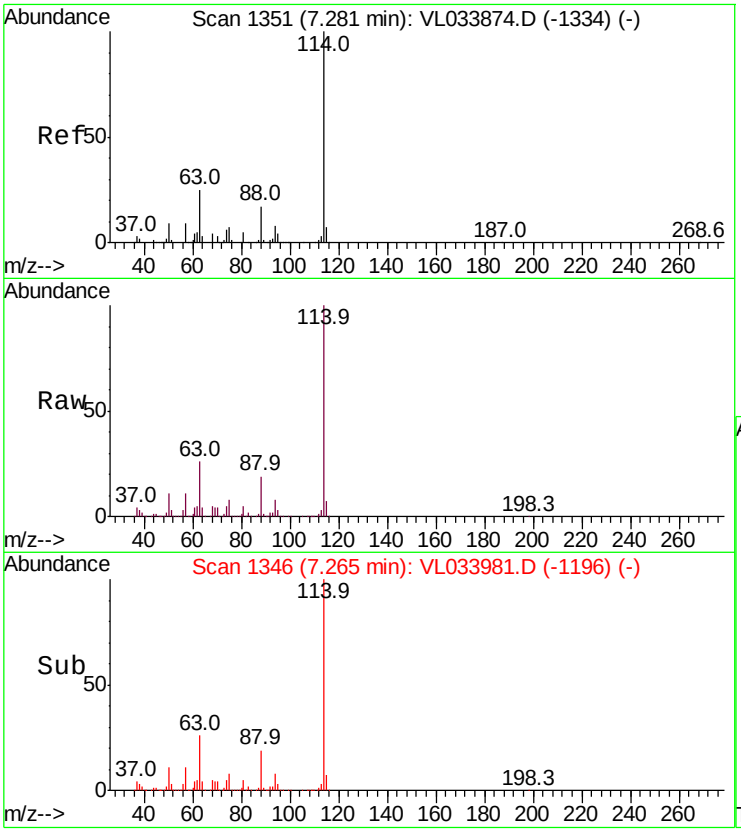


#20
Methylene Chloride
Concen: 0.118 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion: 84 Resp: 5724

Ion	Ratio	Lower	Upper
84	100		
49	86.5	110.0	165.0#
51	40.8	34.6	51.8
86	53.0	50.6	75.8

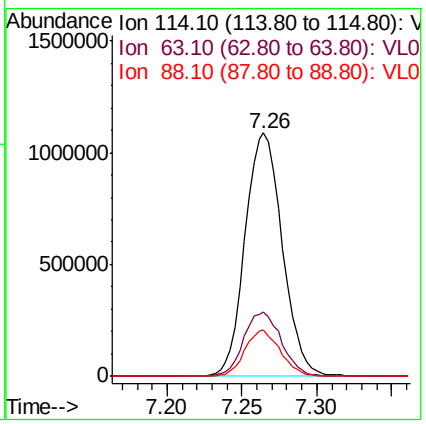




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion:114 Resp: 1886266

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.1	31.7
88	18.1	14.2	21.4



Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL2

Manual Integrations APPROVED
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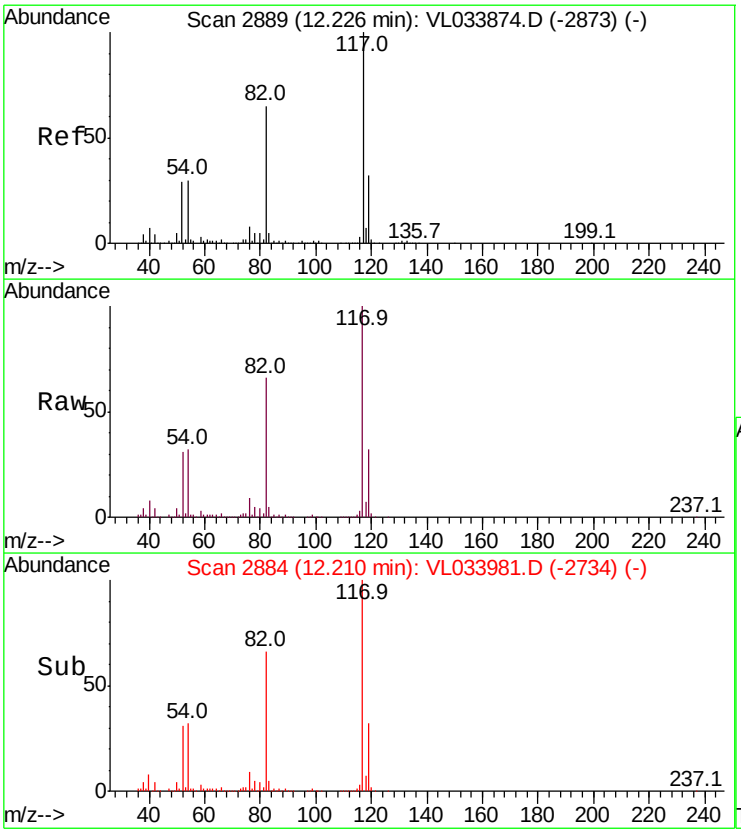
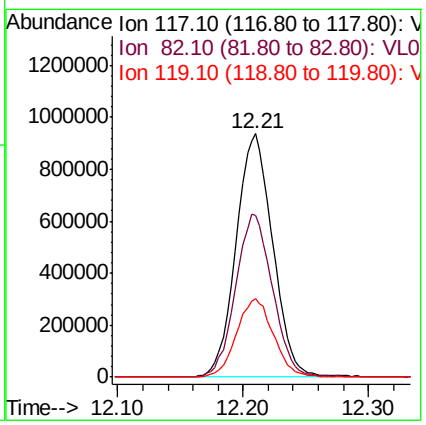
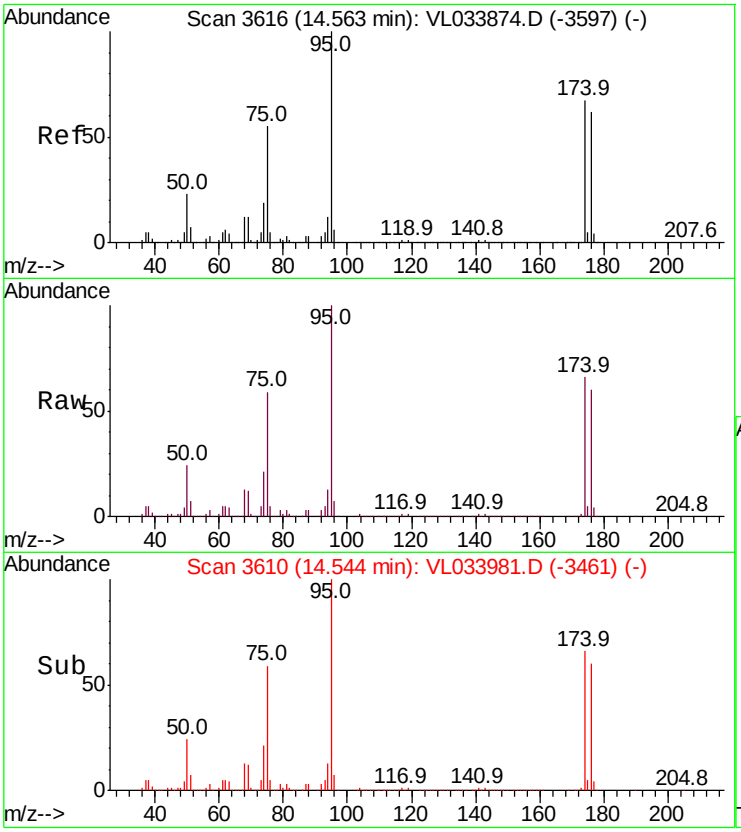


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion:117 Resp: 1901178

Ion	Ratio	Lower	Upper
117	100		
82	67.9	50.2	75.2
119	32.5	24.8	37.2

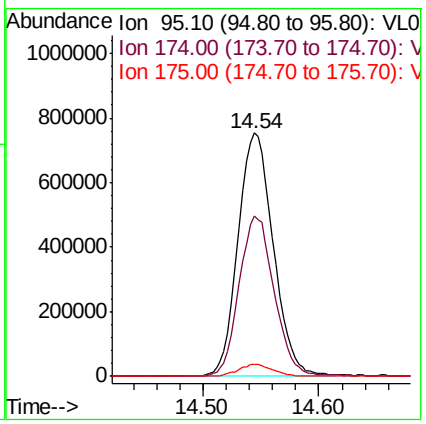




#68
1-Bromo-4-Fluorobenzene
Concen: 10.224 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033981.D
Acq: 26 Jun 2019 23:53

Tgt Ion: 95 Resp: 1596551

Ion	Ratio	Lower	Upper
95	100		
174	66.0	54.0	81.0
175	4.8	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL2

Manual Integrations APPROVED
MMDadoda
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