Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Data File : VL033974.D
Acq On : 26 Jun 2019 19:21
Operator : SY/AP
Sample : K3538-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OUTDOOR-AIRDL

Manual Integrations APPROVED
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6/27/2019 3:01:18 PM

Quant Time: Jun 27 05:34:18 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	750557	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1717223	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1723974	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.54	95	1406492	9.93	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.30%			
Target Compounds						Qvalue
13) Ethanol	3.65	45	14326m	1.332	ppbv	
15) Acetone	3.89	43	74357	0.679	ppbv	98
20) Methylene Chloride	4.39	84	9019	0.211	ppbv #	82

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

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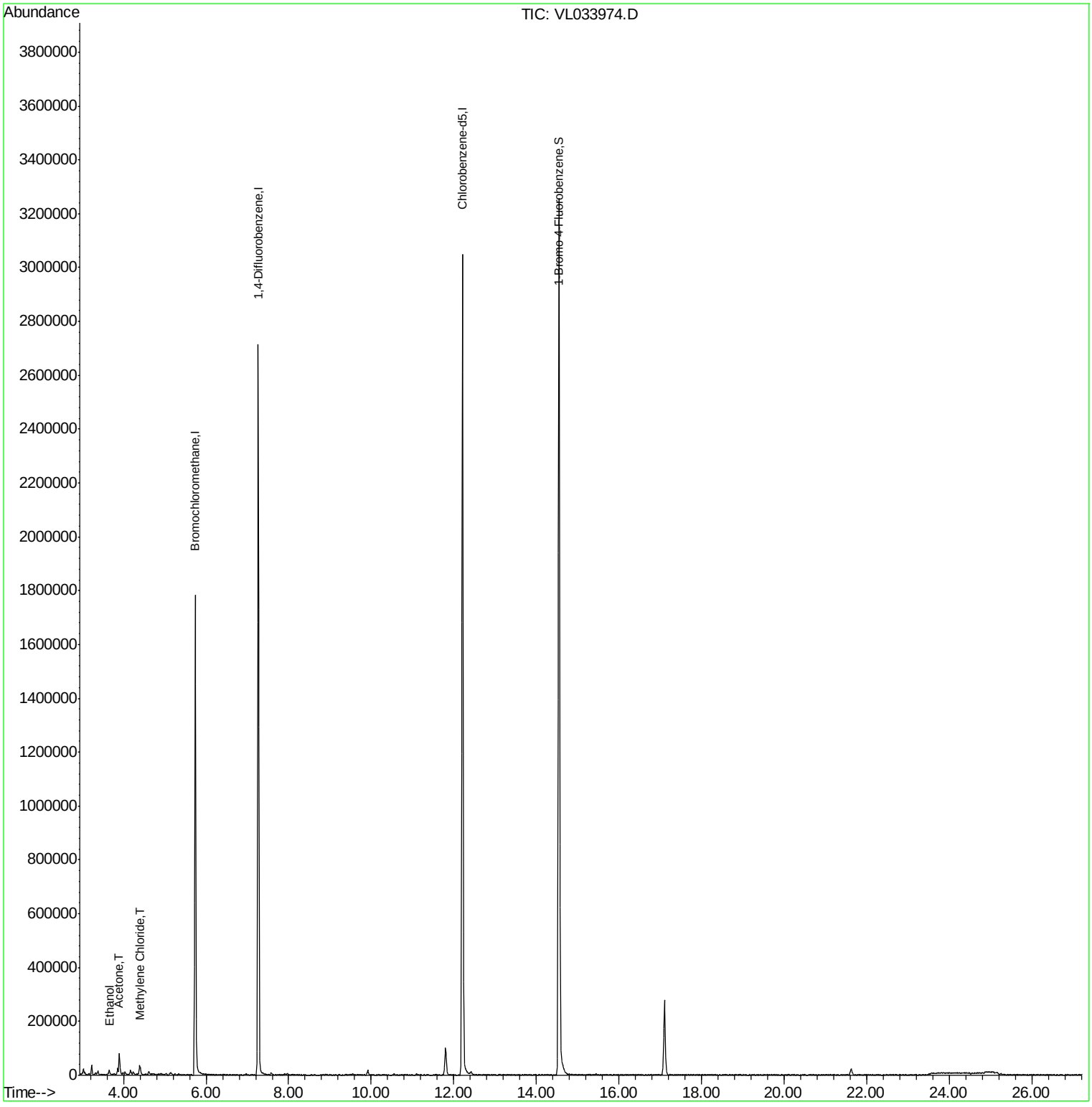
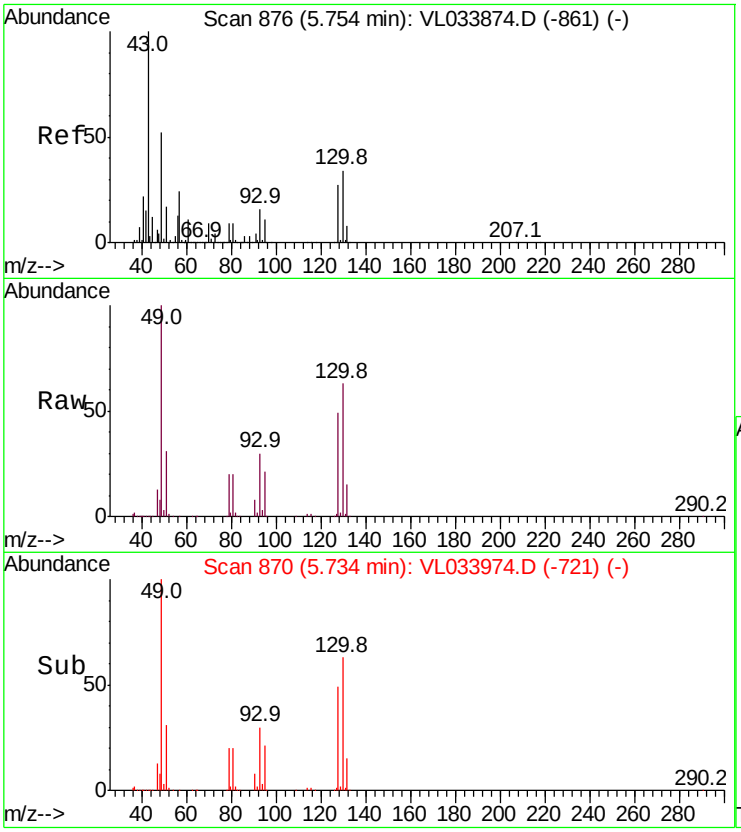
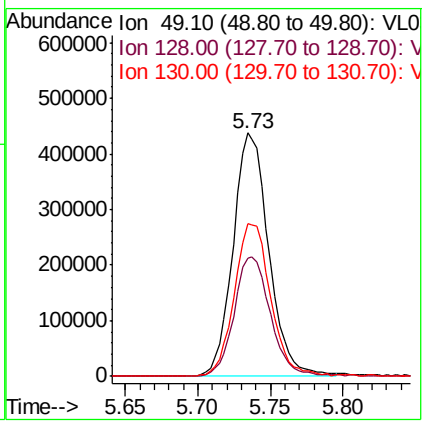




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.73 min Scan# 870
Delta R.T. -0.02 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion: 49 Resp: 750557

Ion	Ratio	Lower	Upper
49	100		
128	50.2	25.5	76.5
130	64.2	32.5	97.4



Instrument :
MSVOA_L
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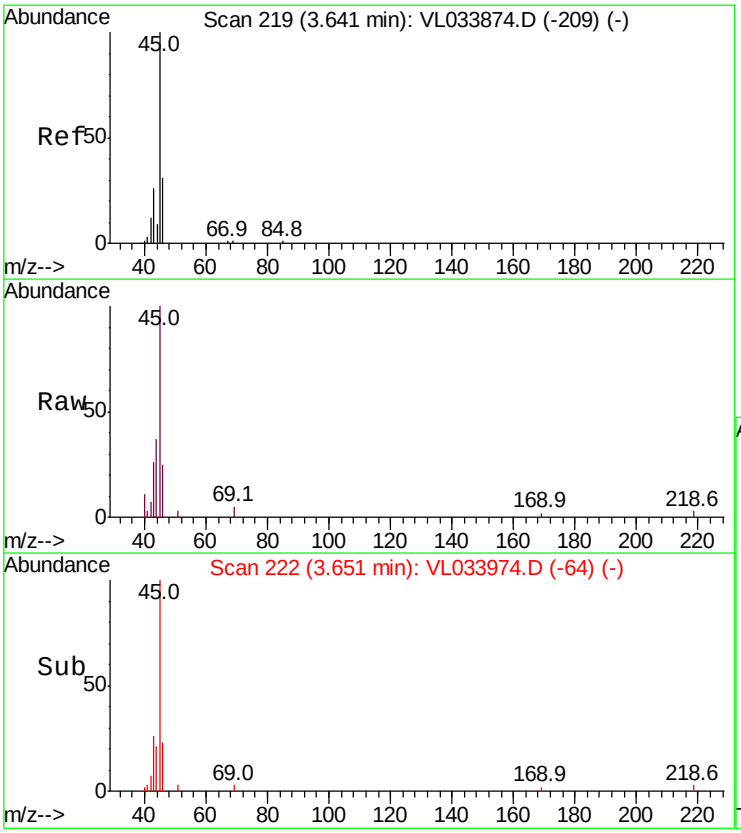
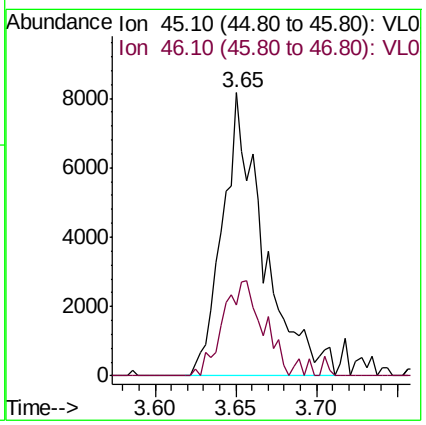
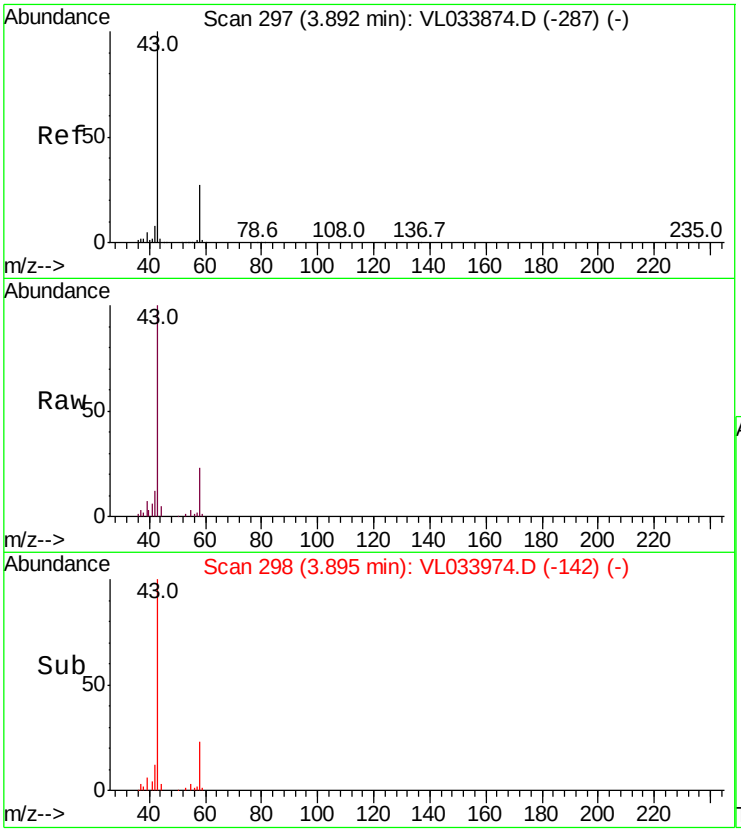


#13
Ethanol
Concen: 1.332 ppbv m
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion: 45 Resp: 14326

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.3	61.1#





#15
Acetone
Concen: 0.679 ppbv
RT: 3.89 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion: 43 Resp: 74357

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.3	31.9

Instrument :
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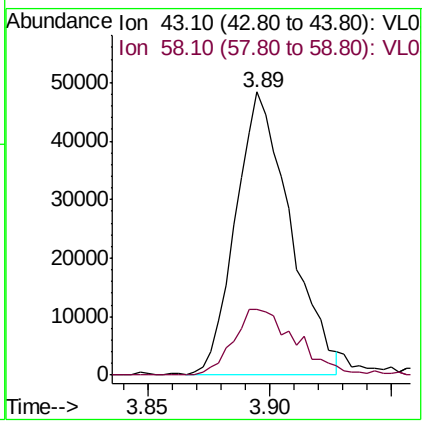
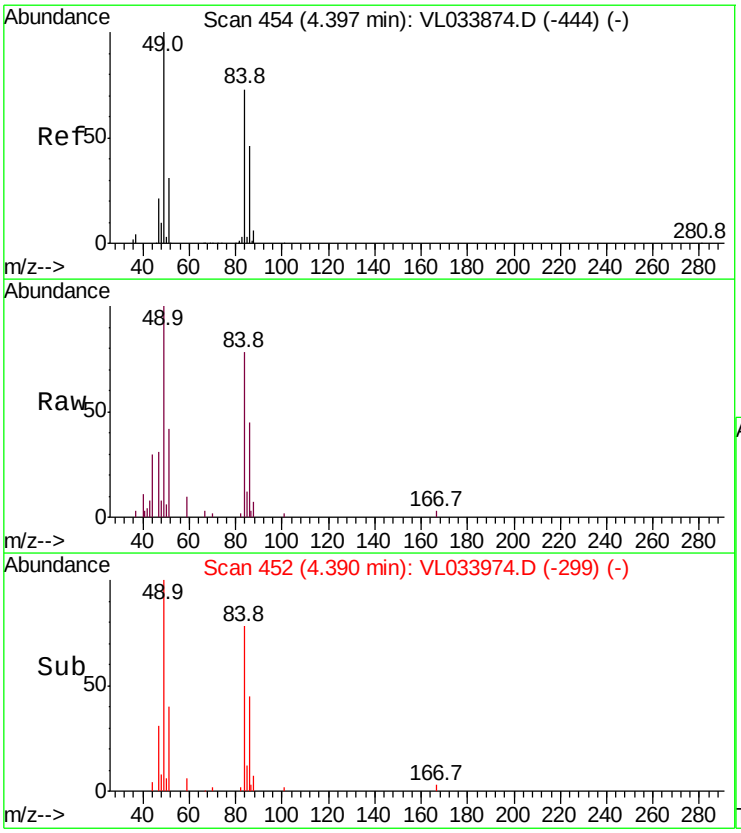
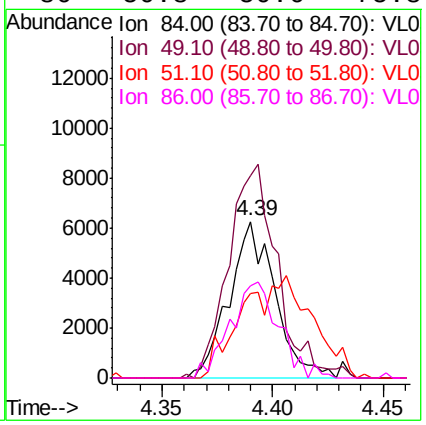


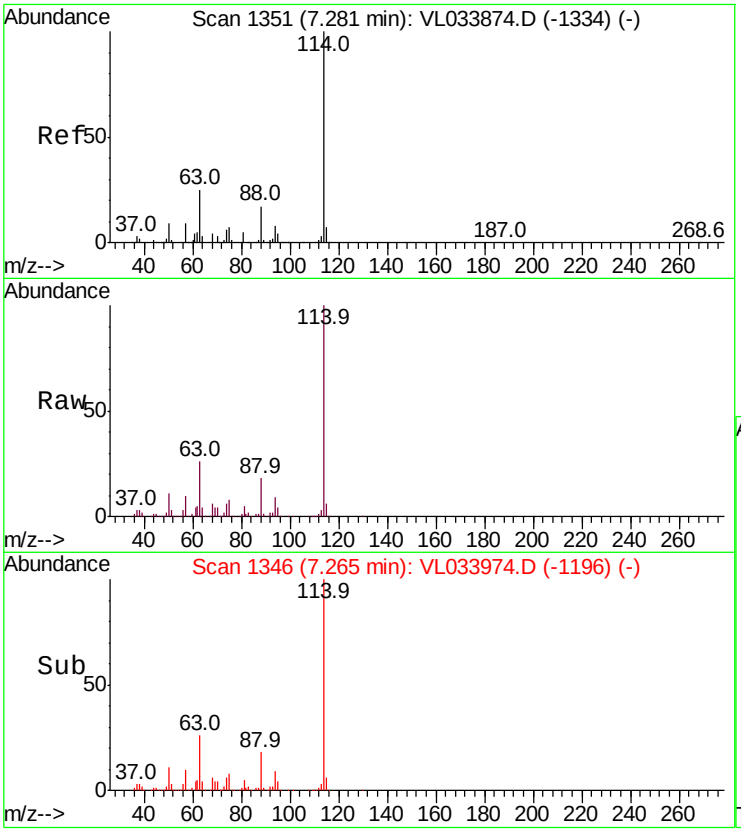


#20
Methylene Chloride
Concen: 0.211 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion: 84 Resp: 9019

Ion	Ratio	Lower	Upper
84	100		
49	109.4	110.0	165.0#
51	43.9	34.6	51.8
86	50.8	50.6	75.8

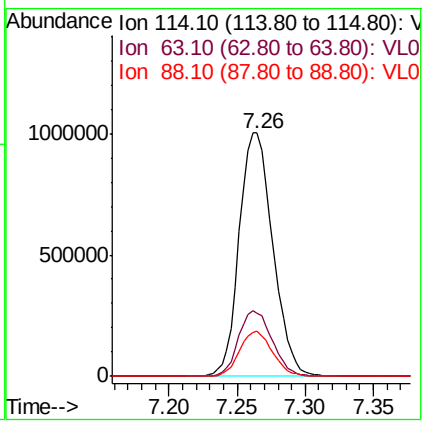




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion:114 Resp: 1717223

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.1	31.7
88	18.2	14.2	21.4



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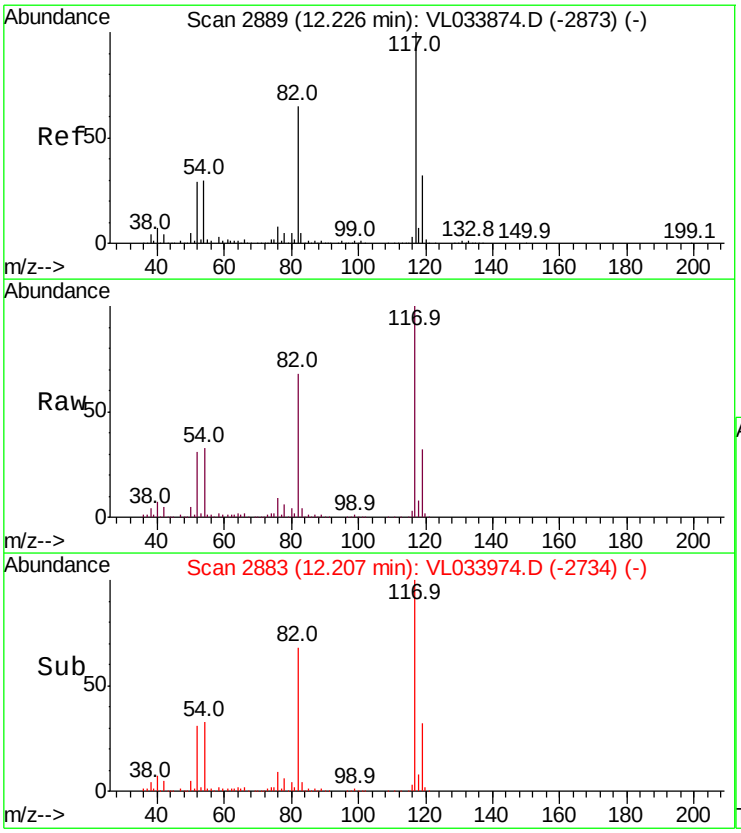
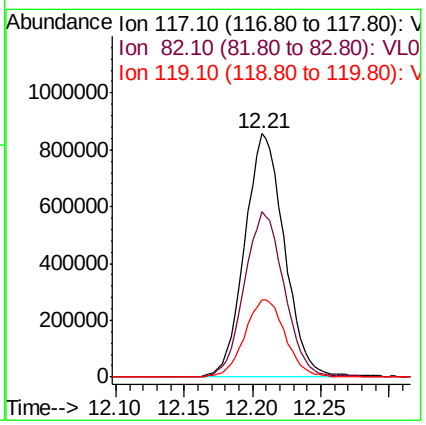
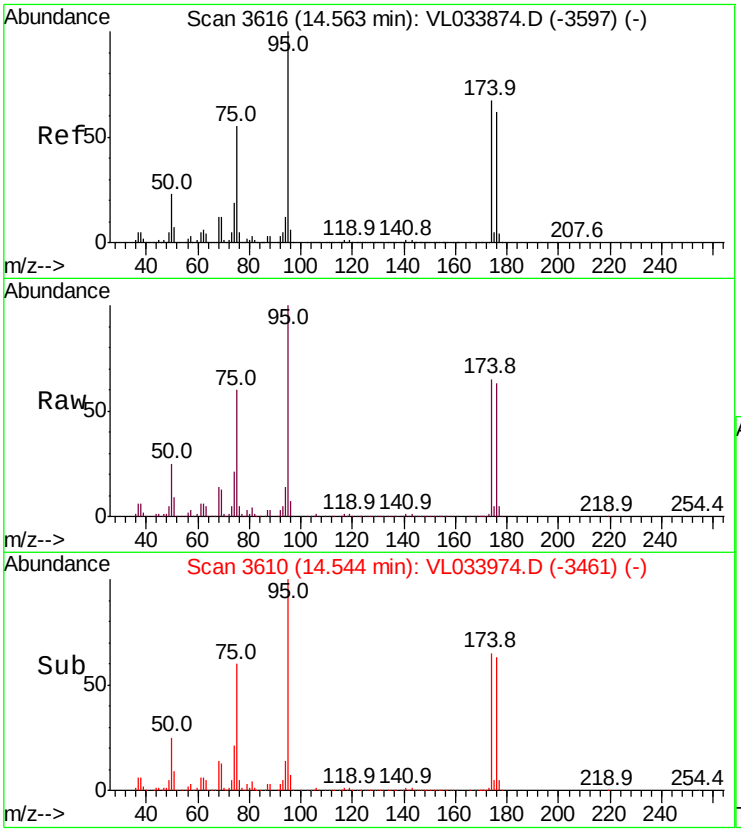


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion:117 Resp: 1723974

Ion	Ratio	Lower	Upper
117	100		
82	69.2	50.2	75.2
119	32.8	24.8	37.2

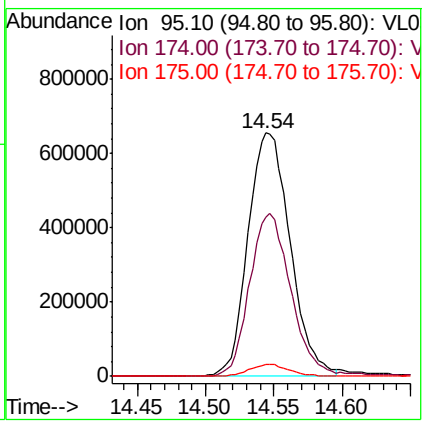




#68
1-Bromo-4-Fluorobenzene
Concen: 9.933 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033974.D
Acq: 26 Jun 2019 19:21

Tgt Ion: 95 Resp: 1406492

Ion	Ratio	Lower	Upper
95	100		
174	66.8	54.0	81.0
175	4.6	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
OUTDOOR-AIRDL

Manual Integrations APPROVED
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