Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011321\
Data File : VL036240.D
Acq On : 14 Jan 2021 1:07
Operator : SY/AP
Sample : M1070-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 14 03:13:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 1
QLast Update : Wed Jan 13 07:53:51 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : OA1DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1532297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3272774	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2974479	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2412992	9.80	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.00%			
Target Compounds						Qvalue
9) Propene	3.02	41	18479m	0.204	ppbv	
13) Ethanol	3.62	45	29169m	1.533	ppbv	
15) Acetone	3.86	43	104922	0.577	ppbv #	73
20) Methylene Chloride	4.34	84	50996	0.915	ppbv	87
26) Hexane	5.70	57	56939m	0.367	ppbv	

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

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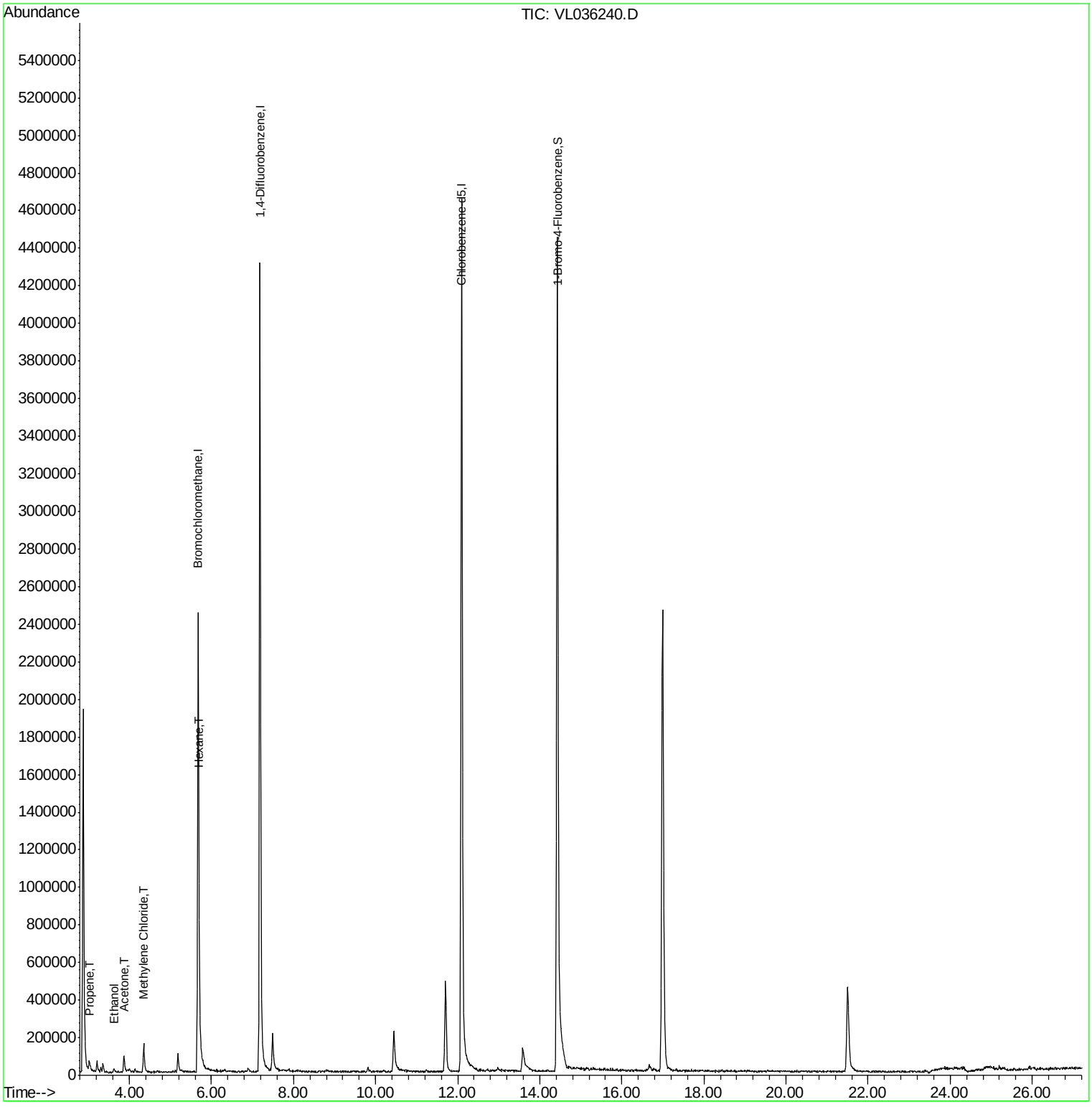
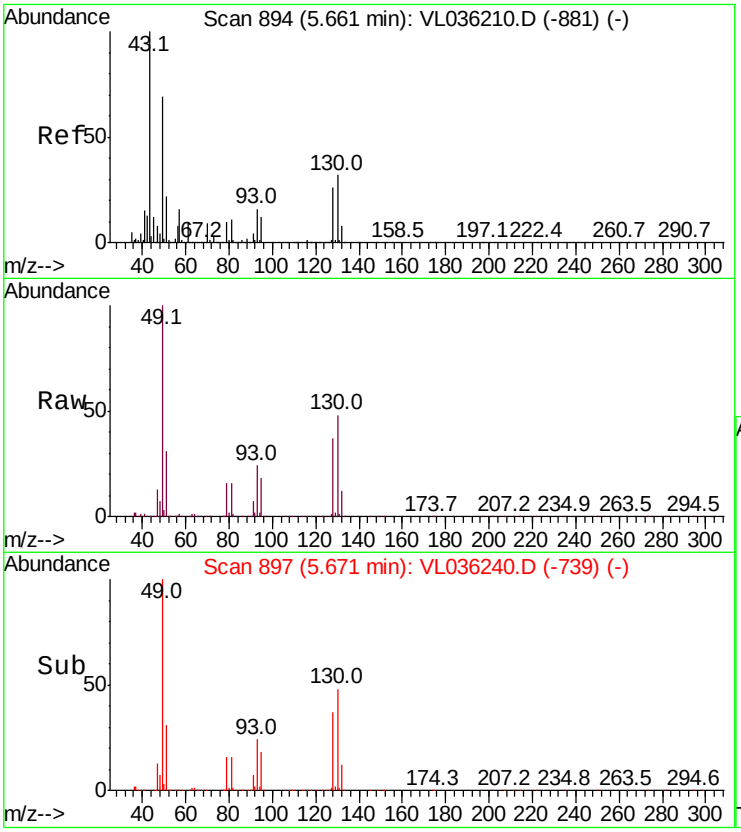
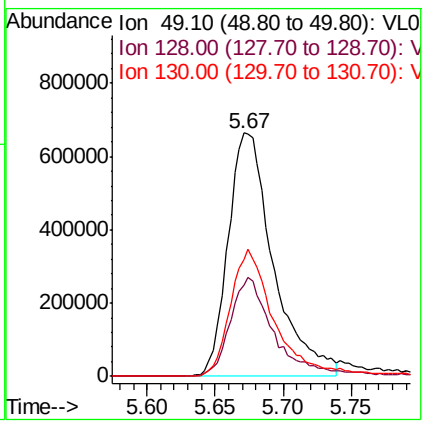




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 49 Resp: 1532297

Ion	Ratio	Lower	Upper
49	100		
128	40.5	20.1	60.2
130	52.6	25.3	75.9



Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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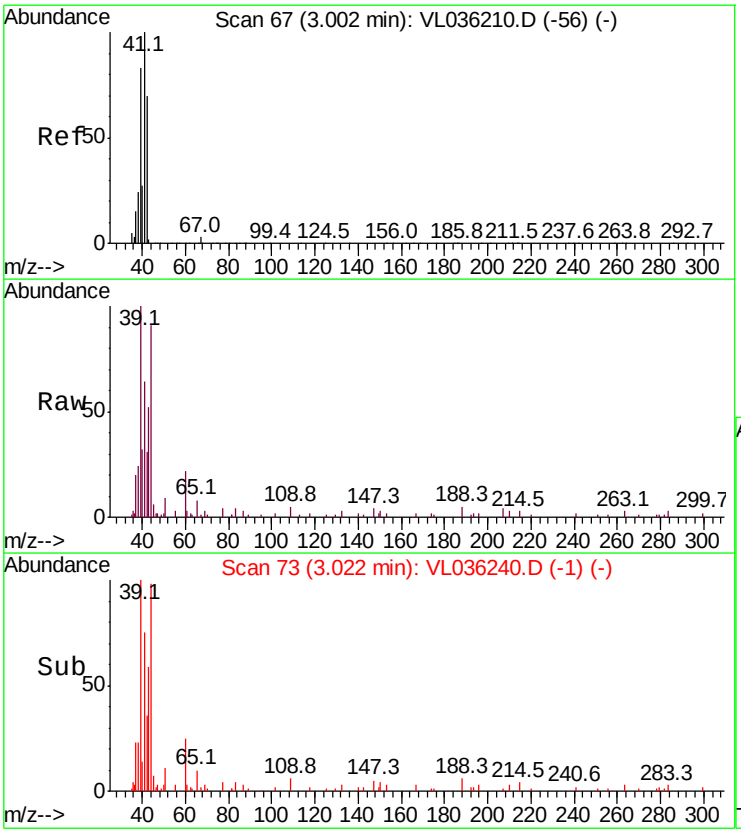
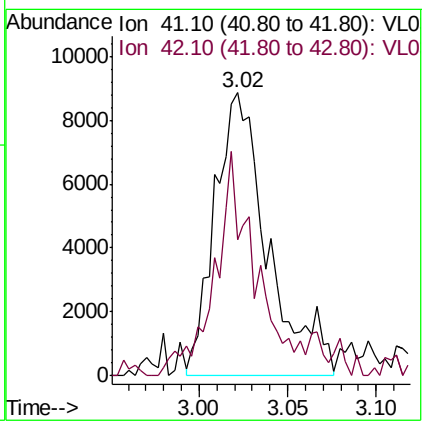
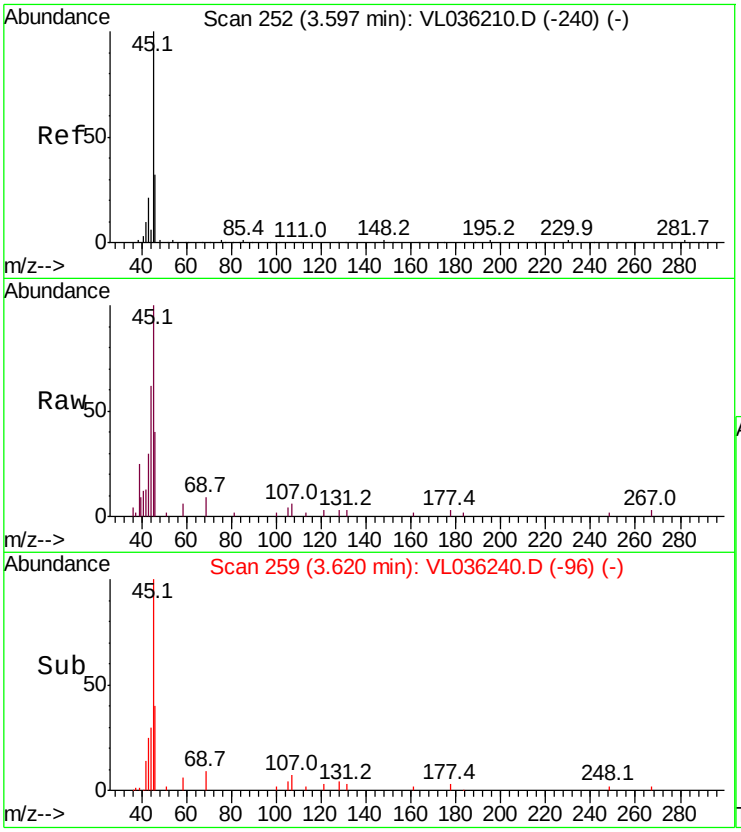


#9
Propene
Concen: 0.204 ppbv m
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 41 Resp: 18479

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.1	85.7#

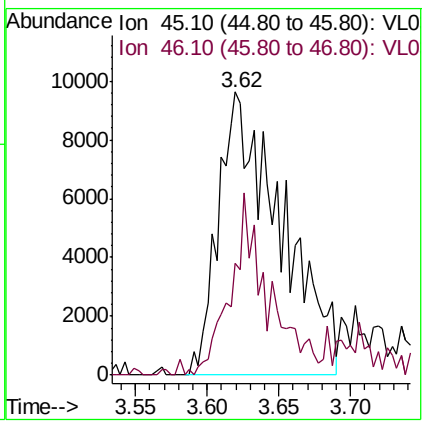




#13
Ethanol
Concen: 1.533 ppbv m
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 45 Resp: 29169

Ion	Ratio	Lower	Upper
45	100		
46	39.0	19.2	77.0



Instrument :
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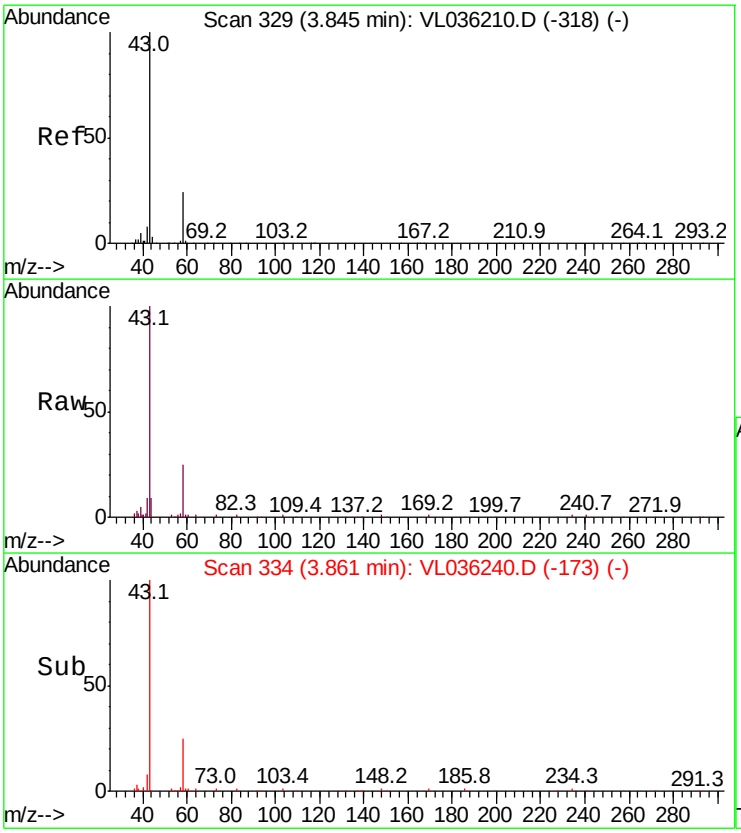
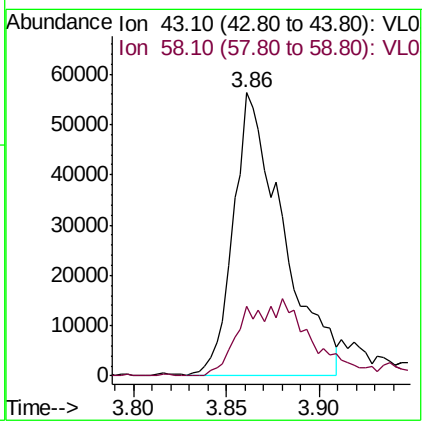
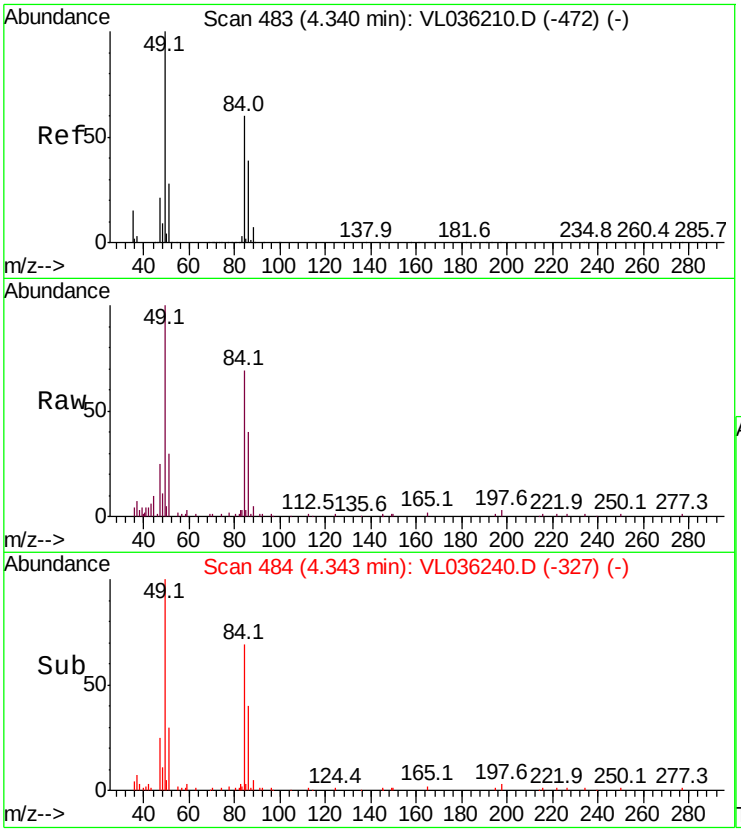


#15
Acetone
Concen: 0.577 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 43 Resp: 104922

Ion	Ratio	Lower	Upper
43	100		
58	40.0	20.9	31.3#

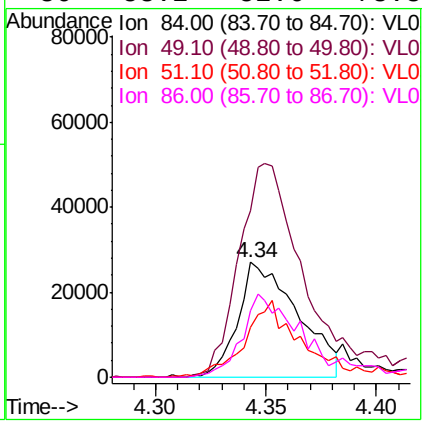




#20
Methylene Chloride
Concen: 0.915 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 84 Resp: 50996

Ion	Ratio	Lower	Upper
84	100		
49	145.2	134.1	201.1
51	41.4	37.4	56.0
86	58.2	52.6	78.8



Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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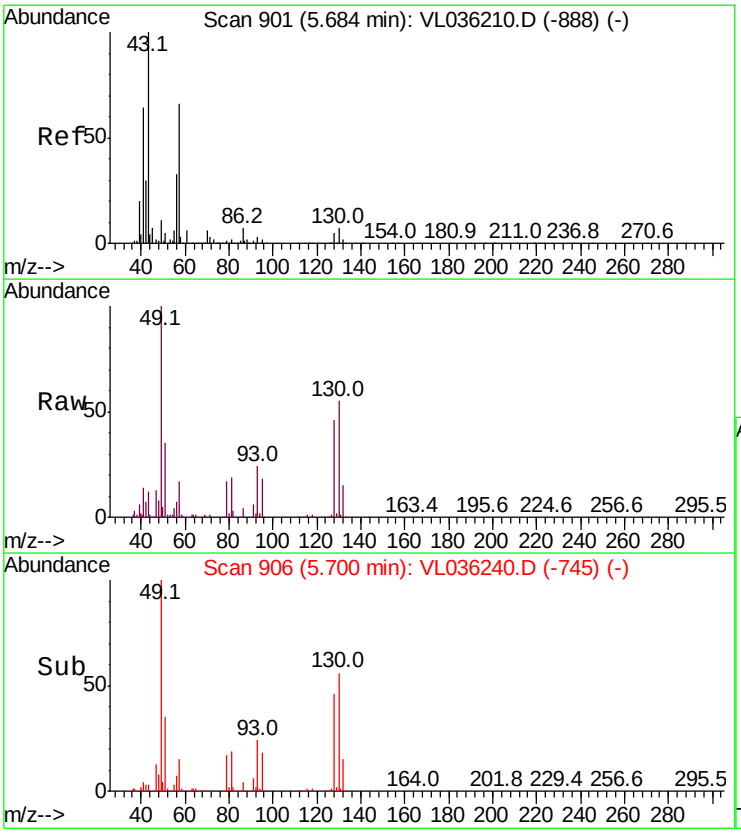
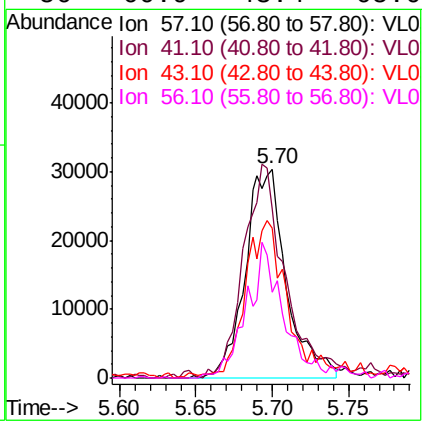
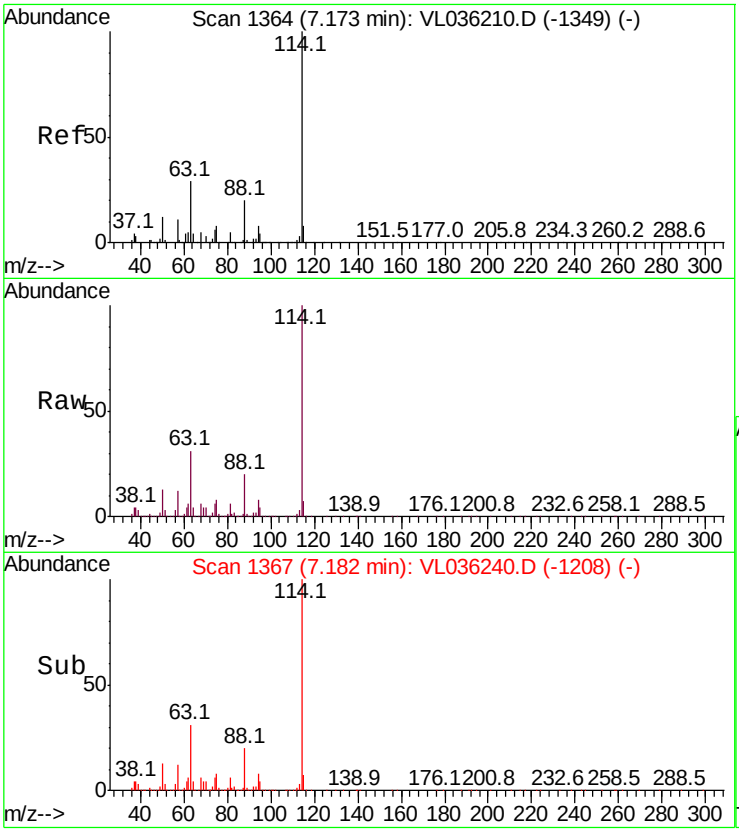


#26
Hexane
Concen: 0.367 ppbv m
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 57 Resp: 56939

Ion	Ratio	Lower	Upper
57	100		
41	111.0	83.0	124.6
43	80.8	202.4	303.6#
56	60.9	43.4	65.0

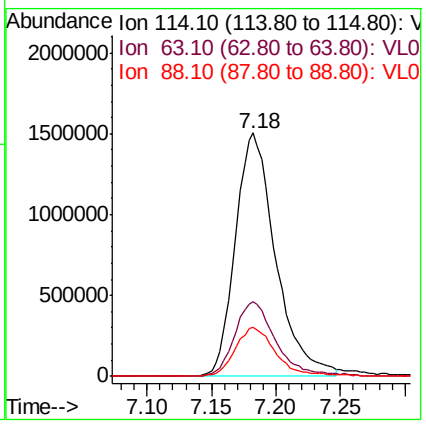




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion:114 Resp: 3272774

Ion	Ratio	Lower	Upper
114	100		
63	31.7	24.7	37.1
88	20.7	16.6	24.8



Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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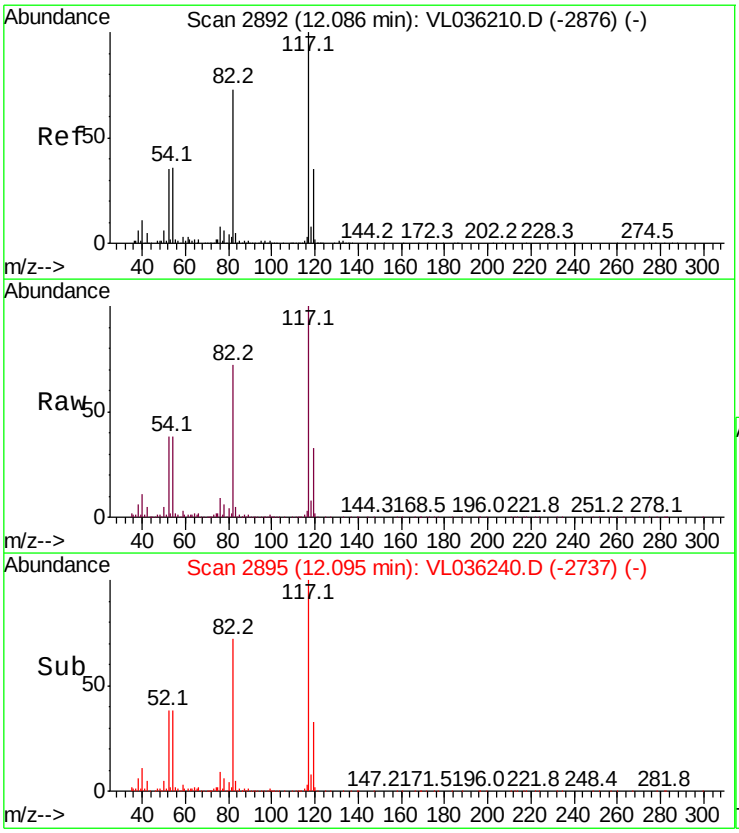
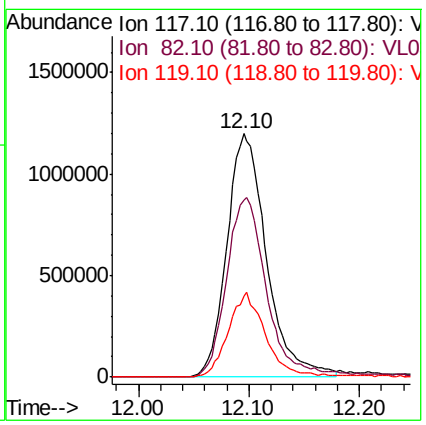
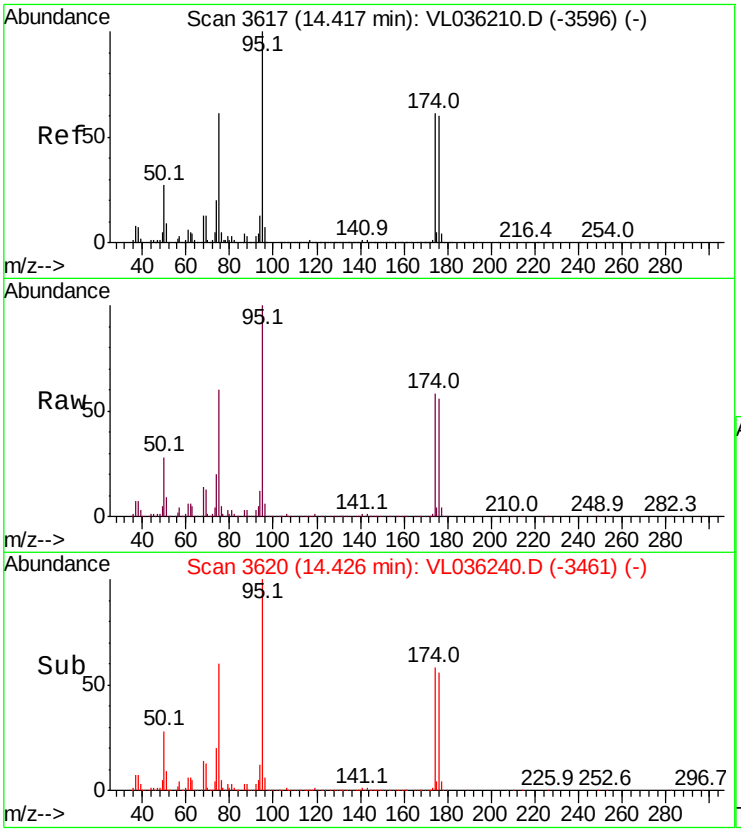


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.01 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion:117 Resp: 2974479

Ion	Ratio	Lower	Upper
117	100		
82	77.3	59.7	89.5
119	33.1	28.6	43.0

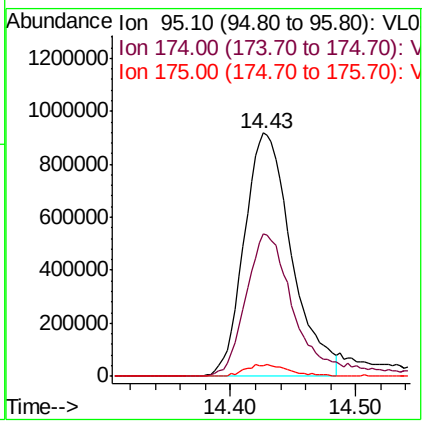




#68
1-Bromo-4-Fluorobenzene
Concen: 9.801 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.01 min
Lab File: VL036240.D
Acq: 14 Jan 2021 1:07

Tgt Ion: 95 Resp: 2412992

Ion	Ratio	Lower	Upper
95	100		
174	64.1	49.4	74.0
175	4.5	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Manual Integrations APPROVED
MMDadoda
1/18/2021 3:50:02 PM