Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030121\
Data File : VL036415.D
Acq On : 1 Mar 2021 15:16
Operator : SY/AP
Sample : M1463-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NS-13DL

Manual Integrations APPROVED
MMDadoda
3/2/2021 3:30:10 PM

Quant Time: Mar 02 03:14:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	1716775	10.00	ppbv		0.04
33) 1,4-Difluorobenzene	7.20	114	3753261	10.00	ppbv		0.04
55) Chlorobenzene-d5	12.11	117	3399712	10.00	ppbv		0.05
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2676089	9.57	ppbv		0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.70%				
Target Compounds							Qvalue
9) Propene	3.03	41	29740m	0.374	ppbv		
13) Ethanol	3.62	45	247842m	16.591	ppbv		
15) Acetone	3.87	43	193998	0.924	ppbv		93
19) Isopropyl Alcohol	4.00	45	186739	1.606	ppbv	#	90
20) Methylene Chloride	4.36	84	551680	8.148	ppbv		93
26) Hexane	5.71	57	230113	1.382	ppbv	#	39
53) Toluene	9.83	91	76336m	0.221	ppbv		
59) m/p-Xylene	13.01	91	41524m	0.102	ppbv		

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

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MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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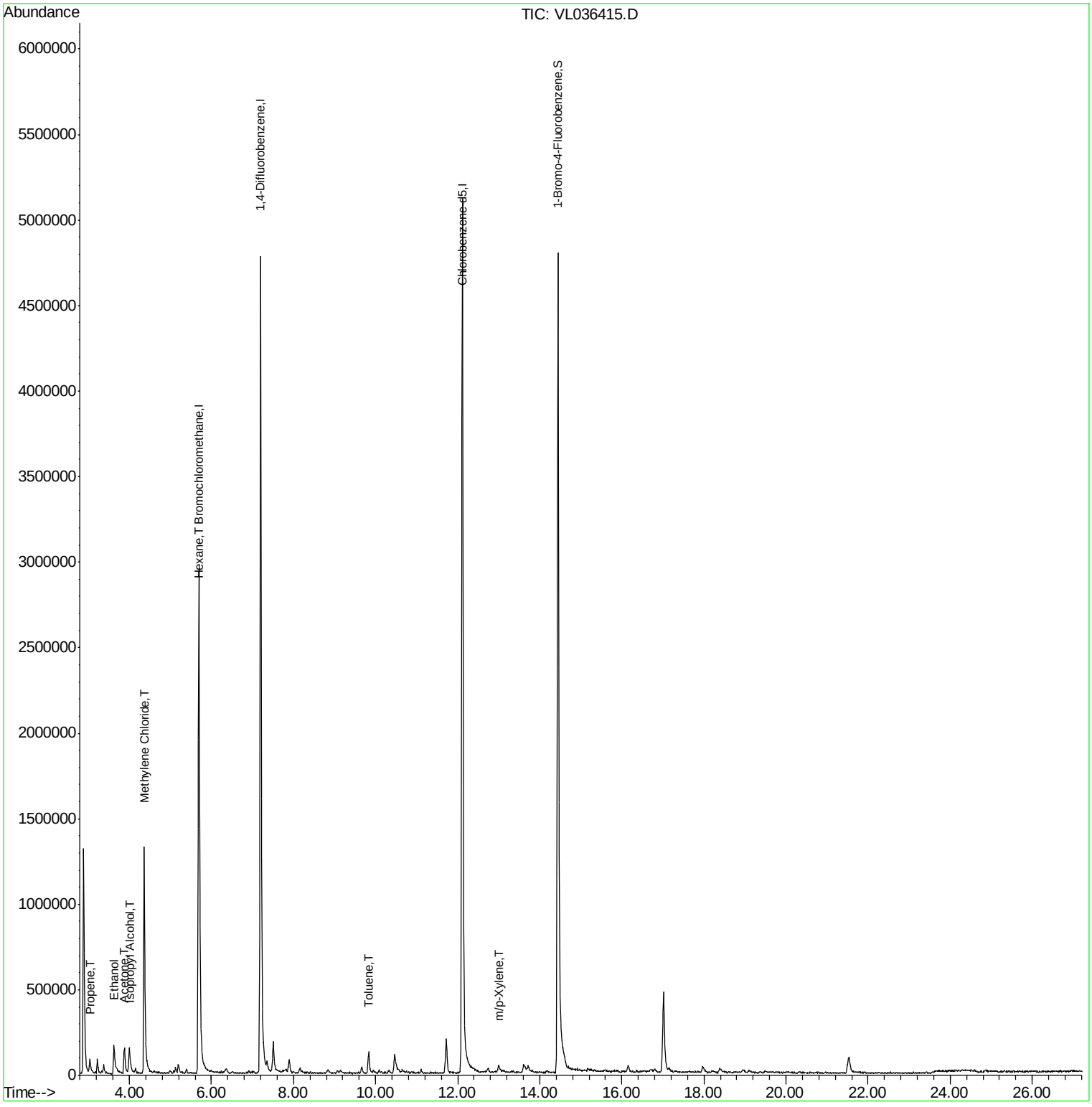
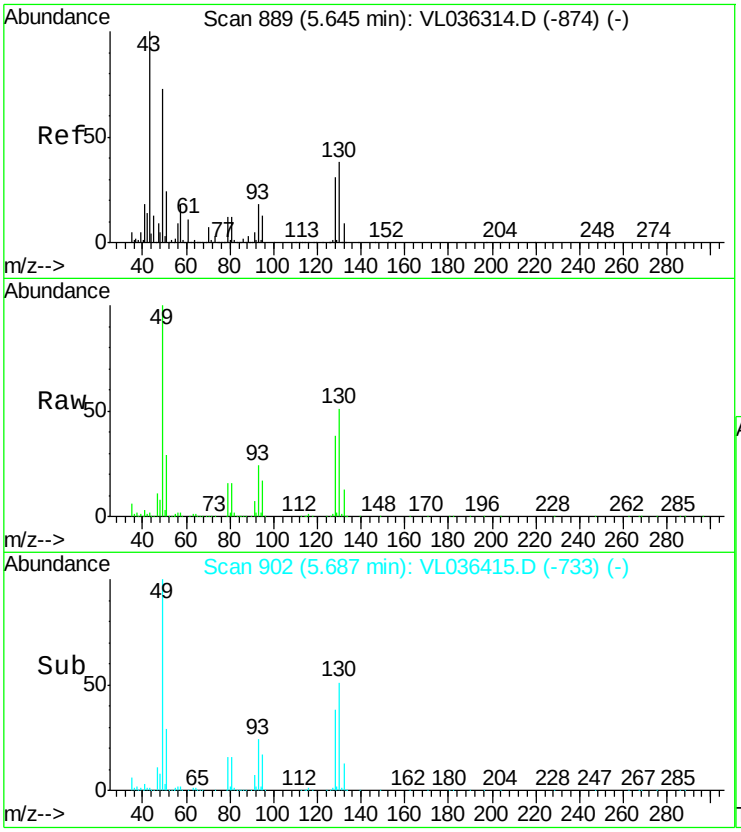
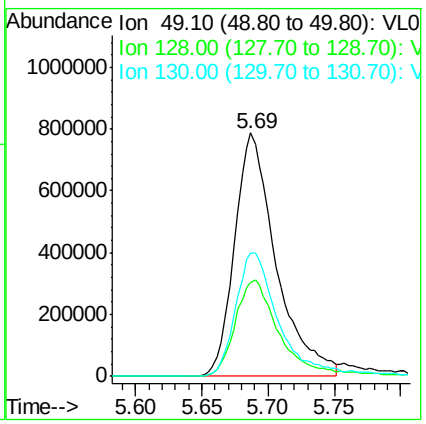




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 49 Resp: 1716775

Ion	Ratio	Lower	Upper
49	100		
128	42.2	20.8	62.5
130	54.6	26.7	80.1



Instrument :
MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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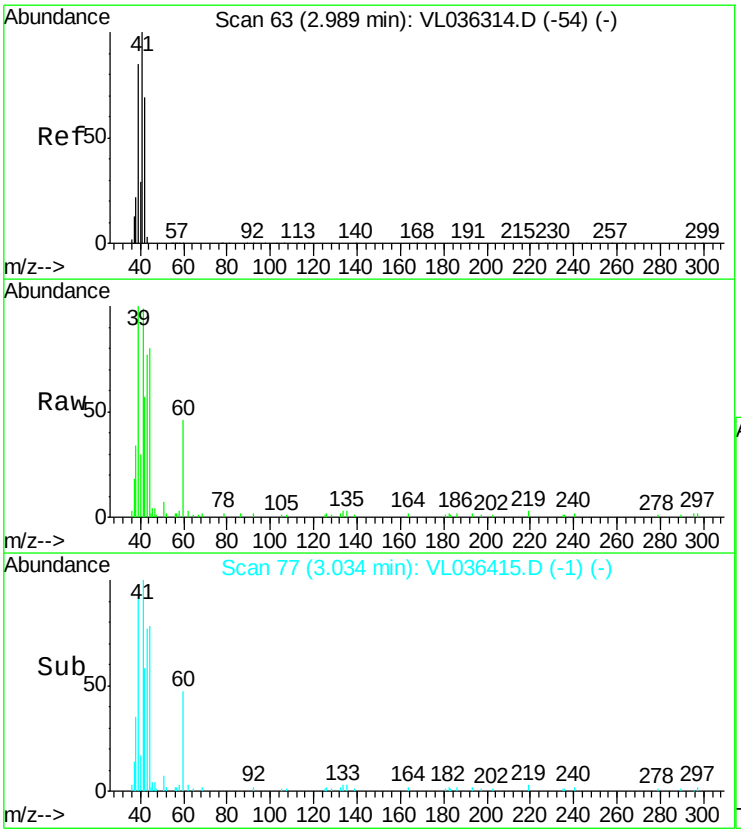
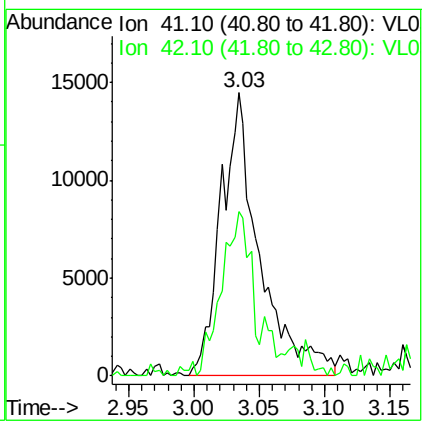
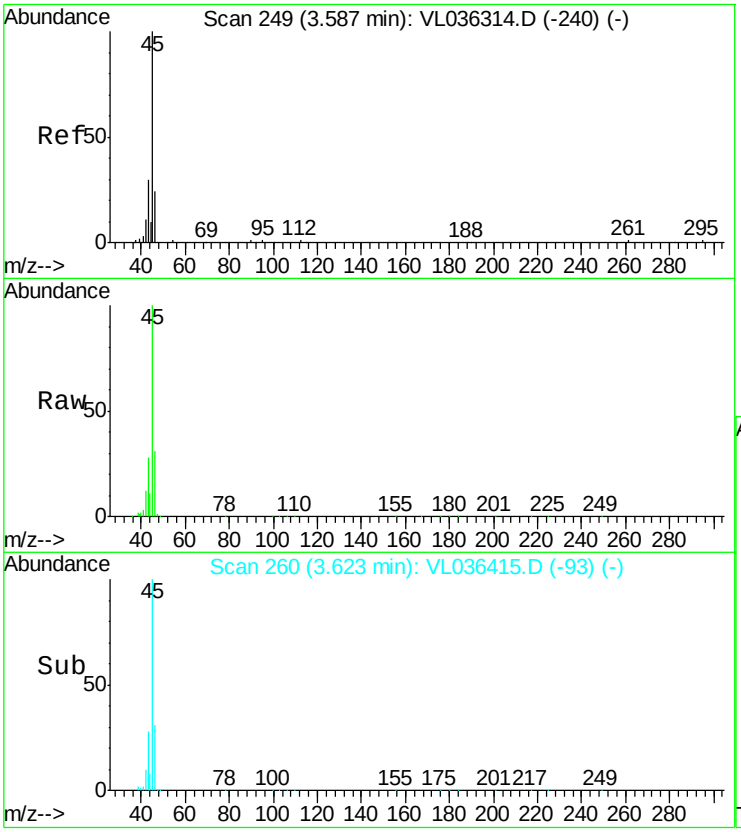


#9
Propene
Concen: 0.374 ppbv m
RT: 3.03 min Scan# 77
Delta R.T. 0.05 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 41 Resp: 29740

Ion	Ratio	Lower	Upper
41	100		
42	26.8	56.2	84.2#

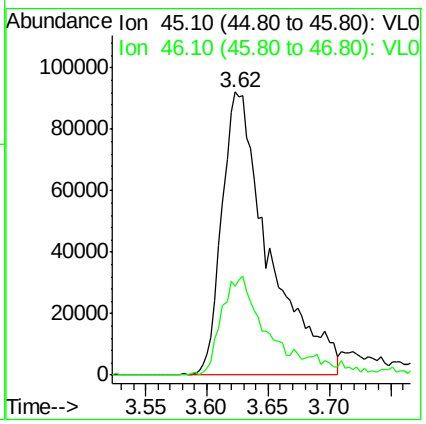




#13
Ethanol
Concen: 16.591 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 45 Resp: 247842

Ion	Ratio	Lower	Upper
45	100		
46	36.5	17.7	70.7



Instrument :
MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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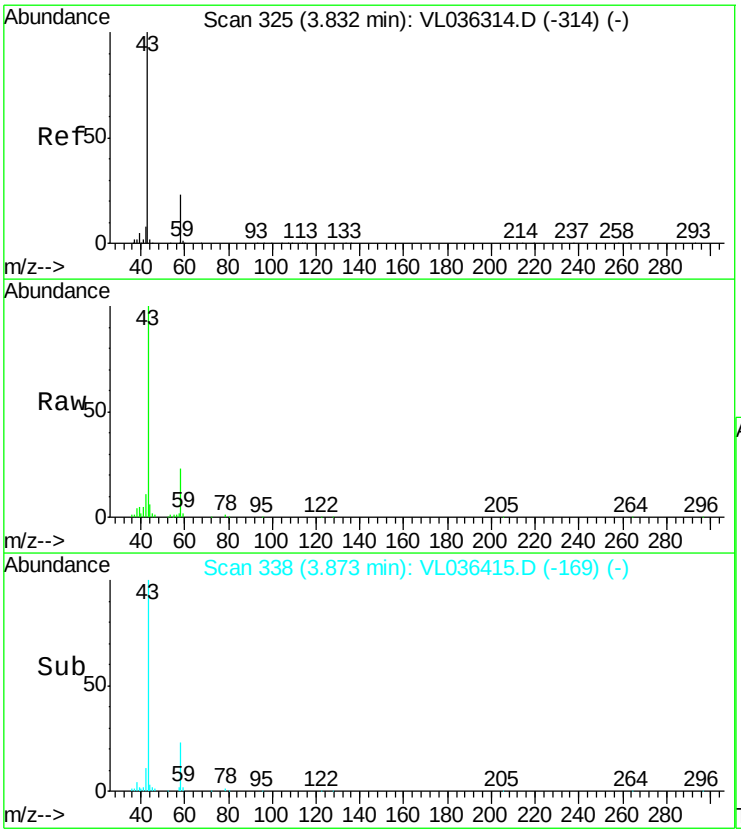
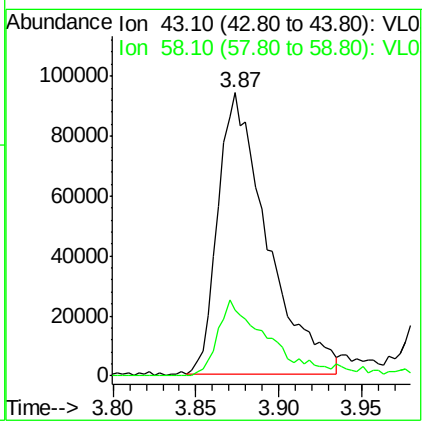
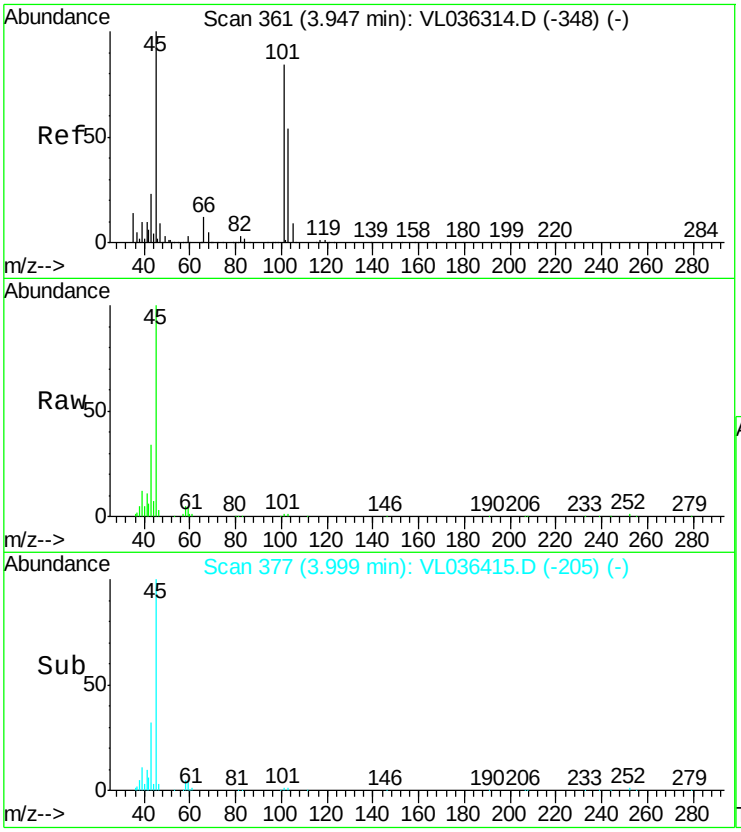


#15
Acetone
Concen: 0.924 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 43 Resp: 193998

Ion	Ratio	Lower	Upper
43	100		
58	28.9	20.3	30.5

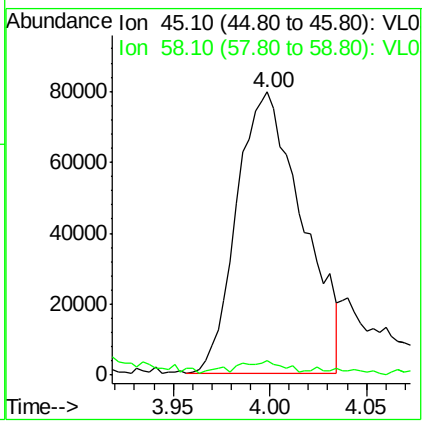




#19
Isopropyl Alcohol
Concen: 1.606 ppbv
RT: 4.00 min Scan# 377
Delta R.T. 0.05 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 45 Resp: 186739

Ion	Ratio	Lower	Upper
45	100		
58	5.8	1.9	2.9#



Instrument :
MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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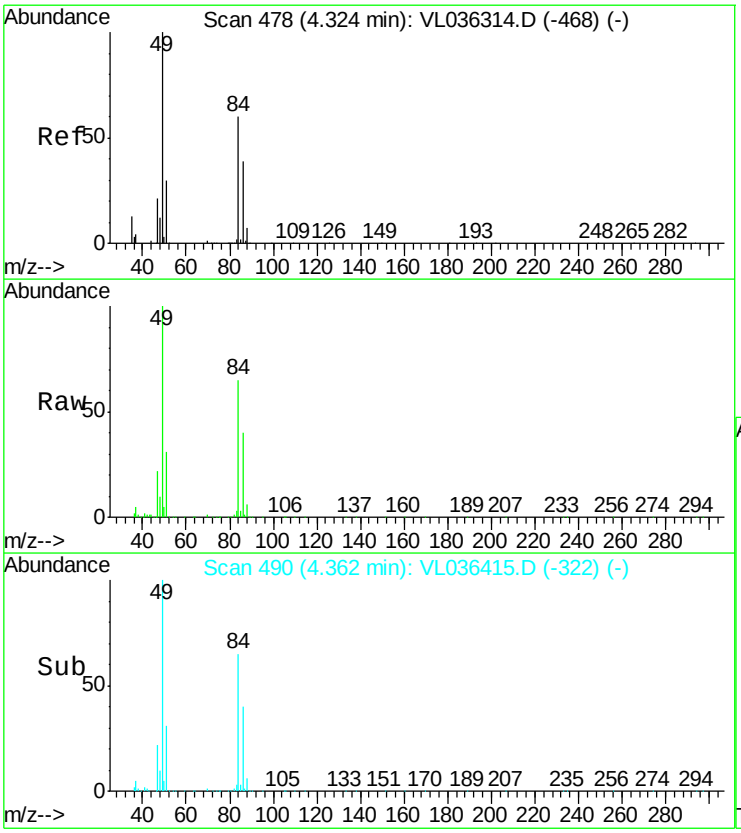
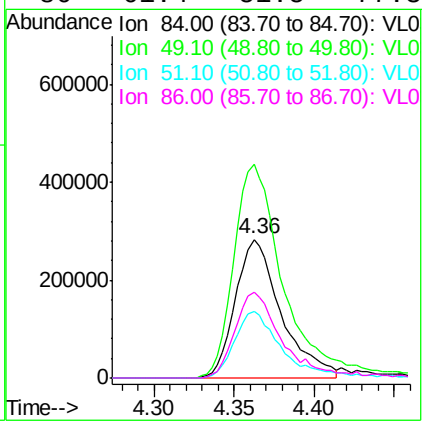
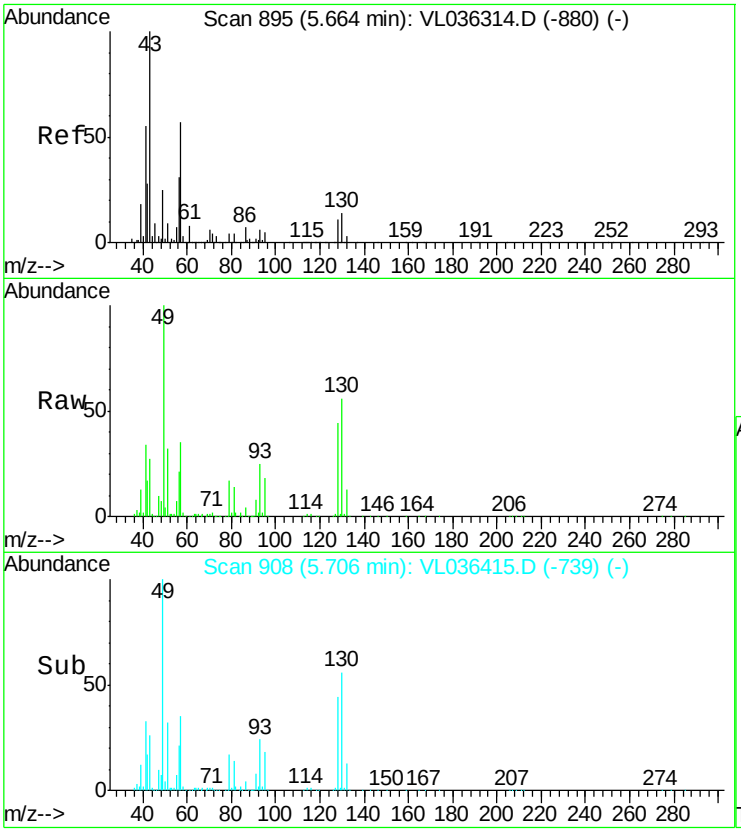


#20
Methylene Chloride
Concen: 8.148 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 84 Resp: 551680

Ion	Ratio	Lower	Upper
84	100		
49	154.5	133.8	200.8
51	48.4	41.4	62.0
86	61.4	51.5	77.3

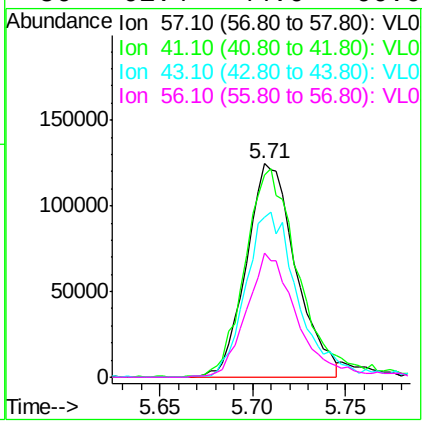




#26
Hexane
Concen: 1.382 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 57 Resp: 230113

Ion	Ratio	Lower	Upper
57	100		
41	109.4	81.7	122.5
43	83.6	199.1	298.7#
56	61.4	44.0	66.0



Instrument :
MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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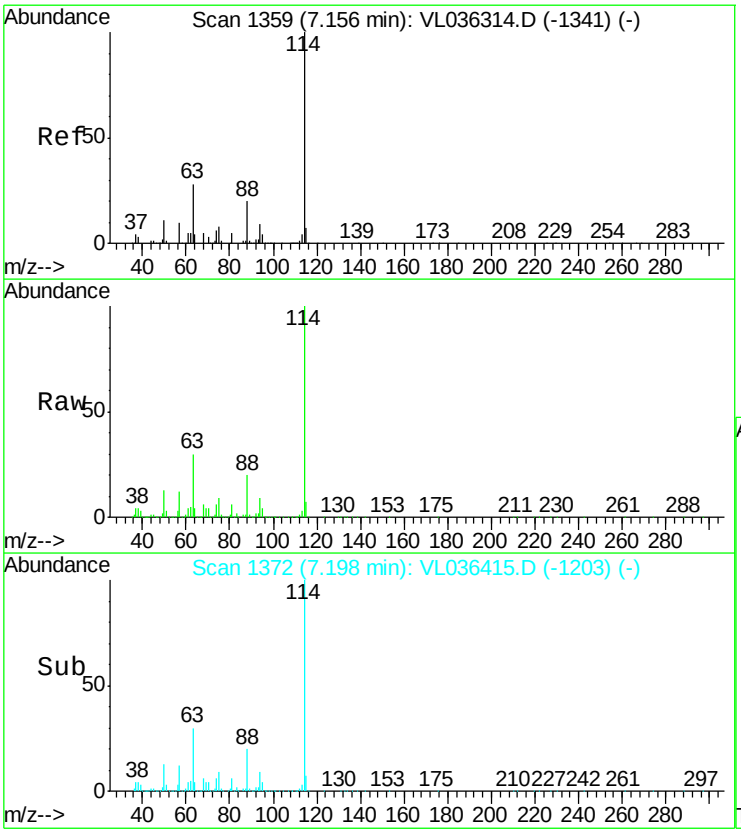
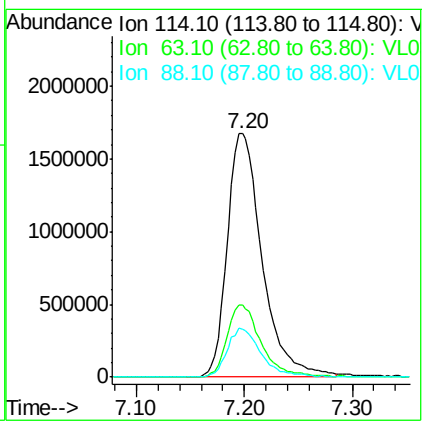
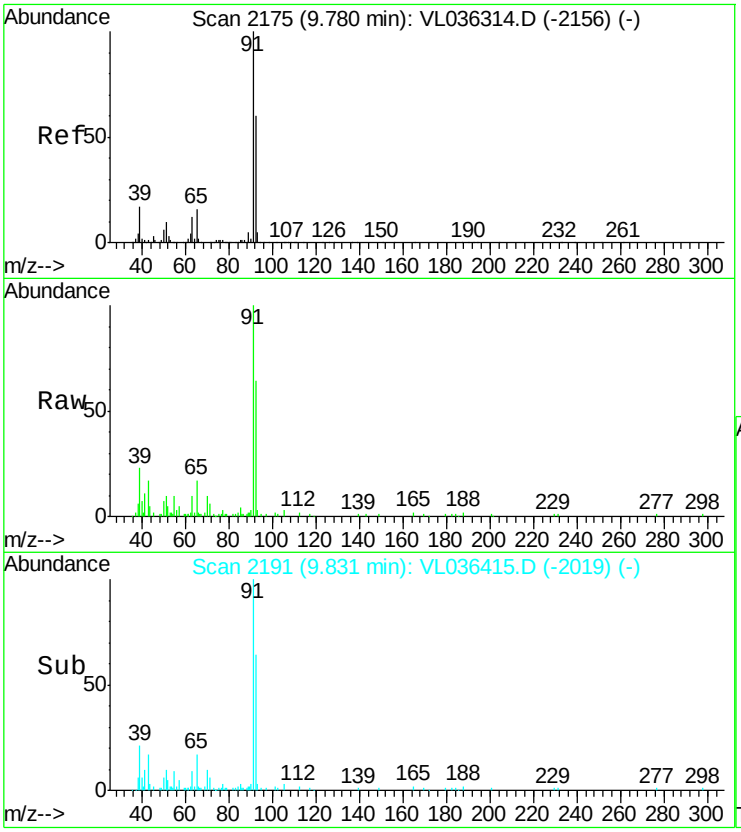


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion:114 Resp: 3753261

Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	19.9	16.0	24.0





#53
Toluene
Concen: 0.221 ppbv m
RT: 9.83 min Scan# 2191
Delta R.T. 0.05 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 91 Resp: 76336

Ion	Ratio	Lower	Upper
91	100		
92	59.8	48.6	72.8

Instrument :
MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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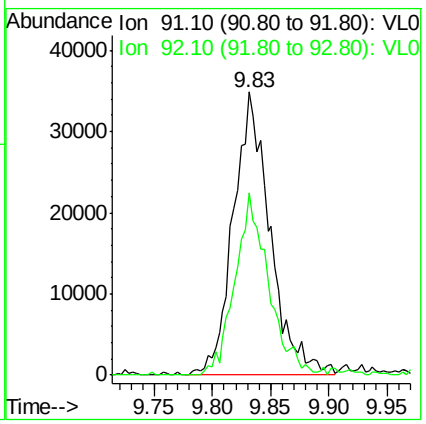
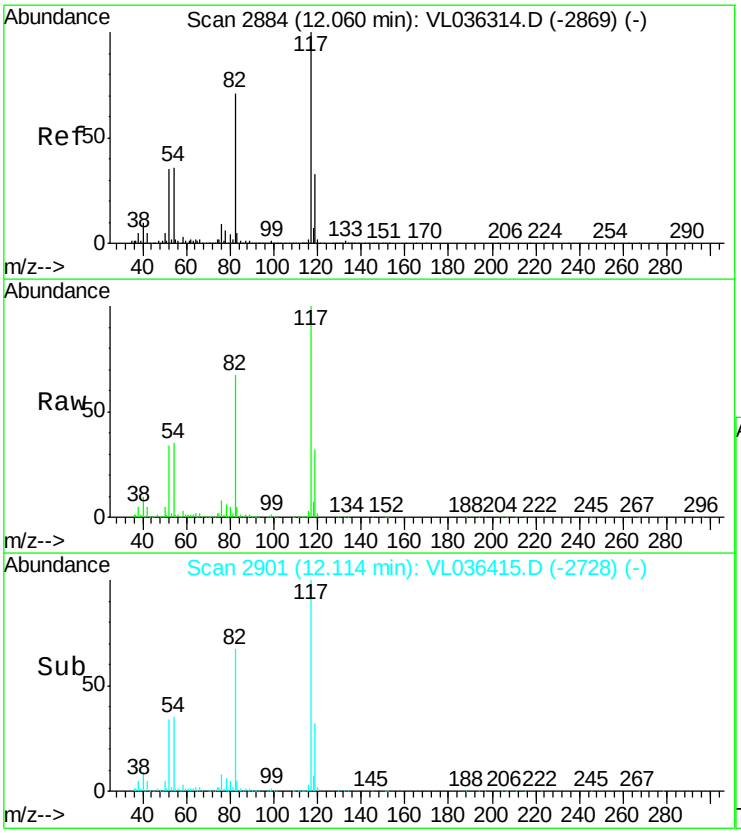
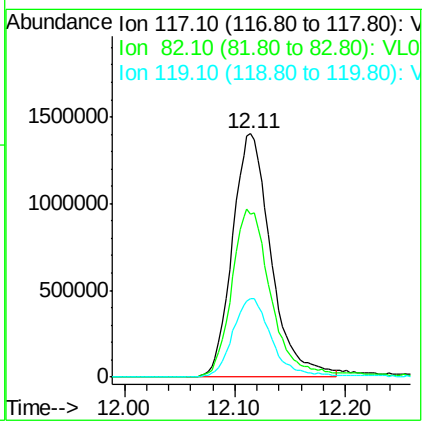


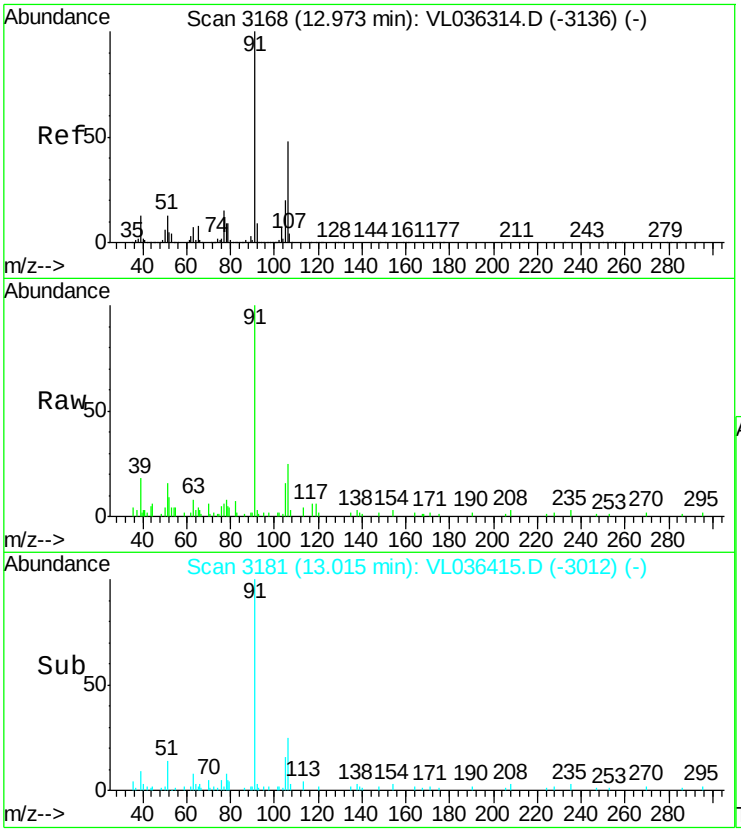


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.05 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion:117 Resp: 3399712

Ion	Ratio	Lower	Upper
117	100		
82	72.6	59.1	88.7
119	33.5	46.3	69.5#





#59
m/p-Xylene
Concen: 0.102 ppbv m
RT: 13.01 min Scan# 3181
Delta R.T. 0.04 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 91 Resp: 41524

Ion	Ratio	Lower	Upper
91	100		
106	13.1	34.2	51.2#

Instrument :
MSVOA_L
ClientSampleId :
NS-13DL

Manual Integrations APPROVED
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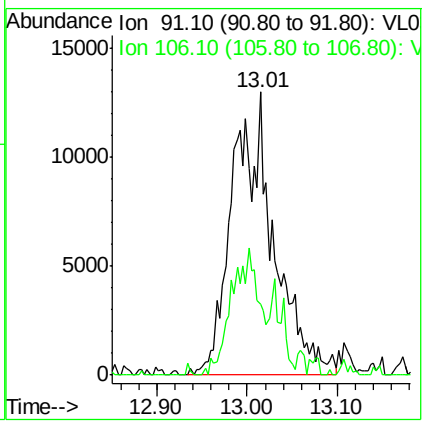
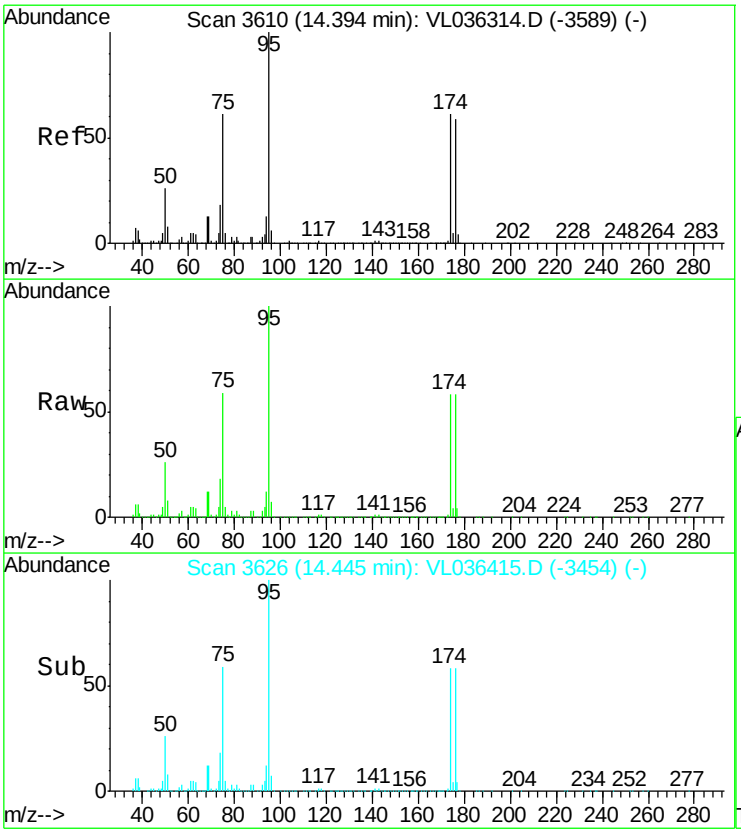
3/2/2021 3:30:10 PM





#68
1-Bromo-4-Fluorobenzene
Concen: 9.567 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.05 min
Lab File: VL036415.D
Acq: 1 Mar 2021 15:16

Tgt Ion: 95 Resp: 2676089

Ion	Ratio	Lower	Upper
95	100		
174	62.5	49.8	74.6
175	4.6	3.7	5.5