Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120820\
Data File : VL036110.D
Acq On : 9 Dec 2020 1:02
Operator : SY/AP
Sample : L4948-09DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-8BDL

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:23:53 PM

Quant Time: Dec 09 08:40:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1101695	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	2460427	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2248613	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	1798029	10.07	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.70%			
Target Compounds						Qvalue
9) Propene	3.02	41	8830m	0.140	ppbv	
13) Ethanol	3.61	45	76040m	8.760	ppbv	
15) Acetone	3.86	43	61642	0.466	ppbv	# 65
20) Methylene Chloride	4.35	84	99485m	1.834	ppbv	
26) Hexane	5.69	57	33289	0.280	ppbv	# 42

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

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MSVOA_L
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SS-8BDL

Manual Integrations APPROVED
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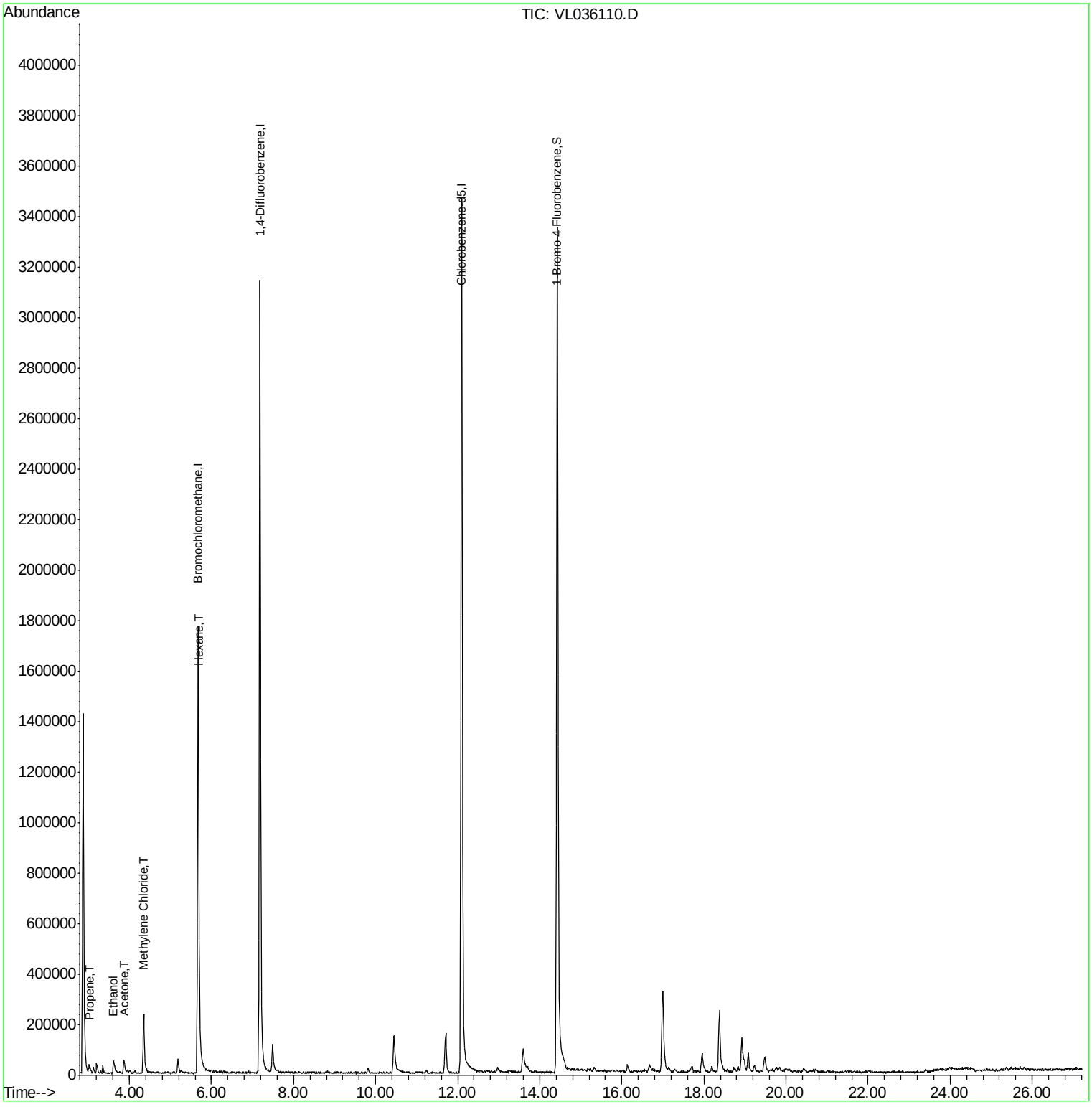
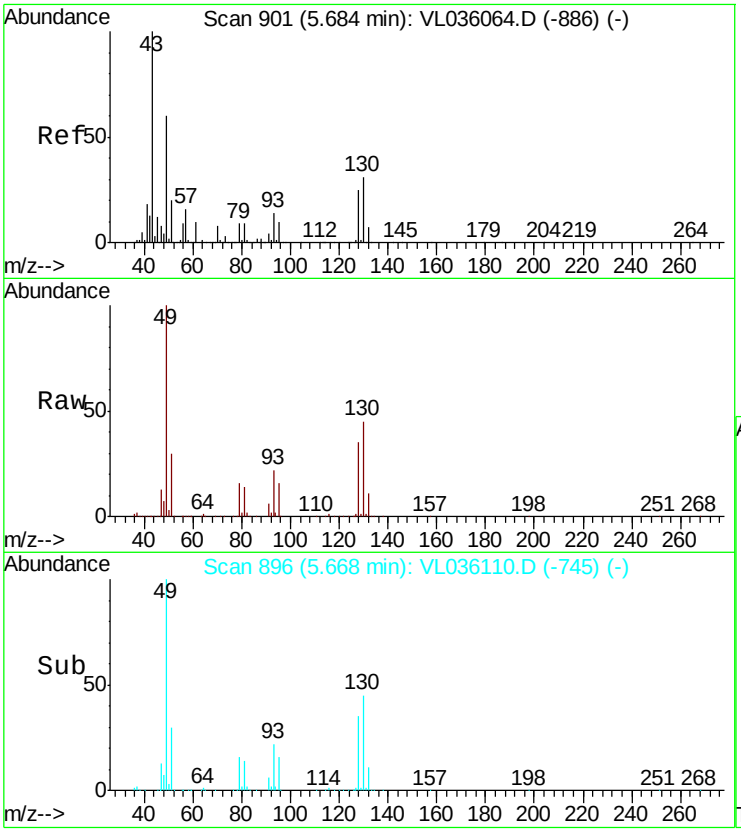
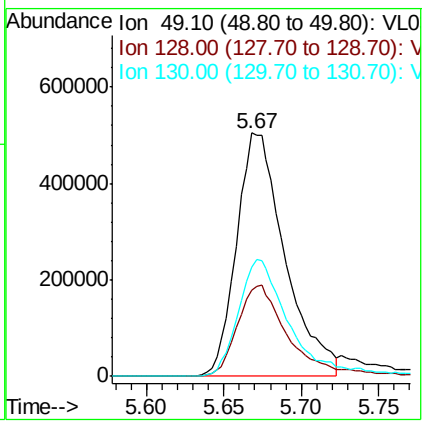




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 49 Resp: 1101695

Ion	Ratio	Lower	Upper
49	100		
128	40.8	21.1	63.1
130	51.7	27.1	81.3



Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

Manual Integrations APPROVED
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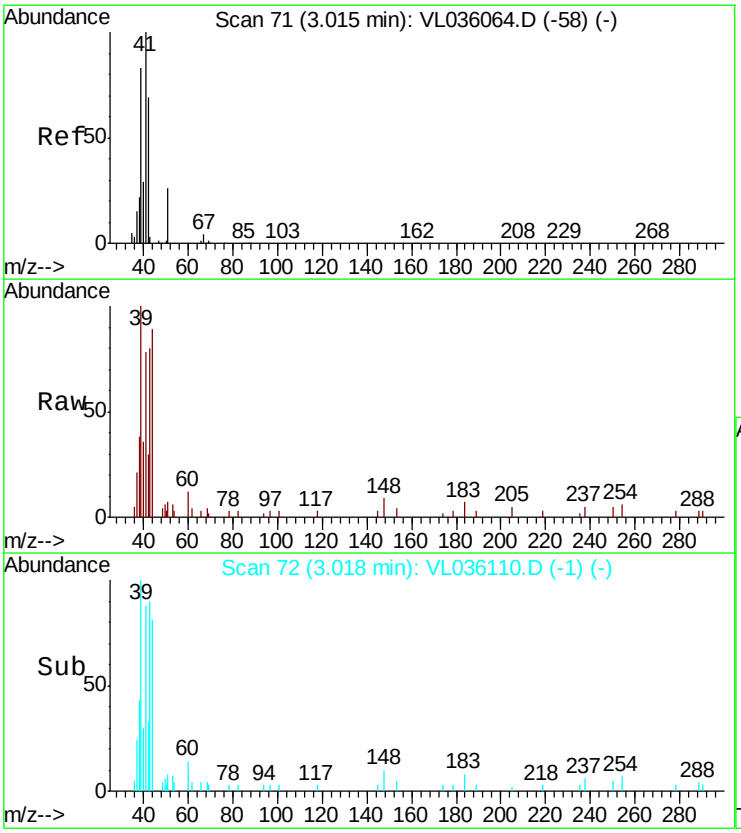
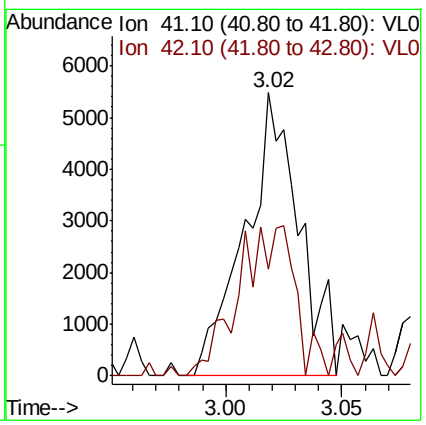
12/11/2020 12:23:53 PM

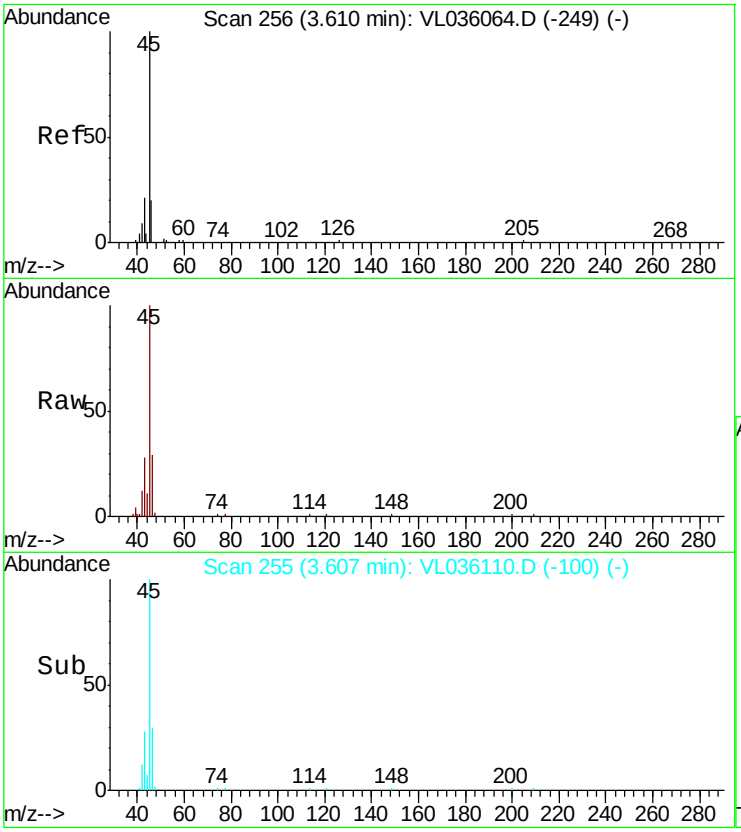


#9
Propene
Concen: 0.140 ppbv m
RT: 3.02 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 41 Resp: 8830

Ion	Ratio	Lower	Upper
41	100		
42	40.3	57.0	85.6#

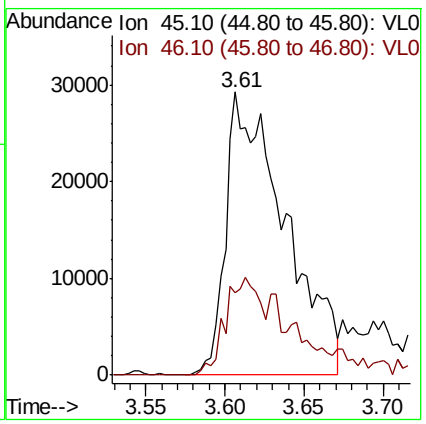




#13
Ethanol
Concen: 8.760 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 45 Resp: 76040

Ion	Ratio	Lower	Upper
45	100		
46	38.0	19.0	75.8



Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

Manual Integrations APPROVED
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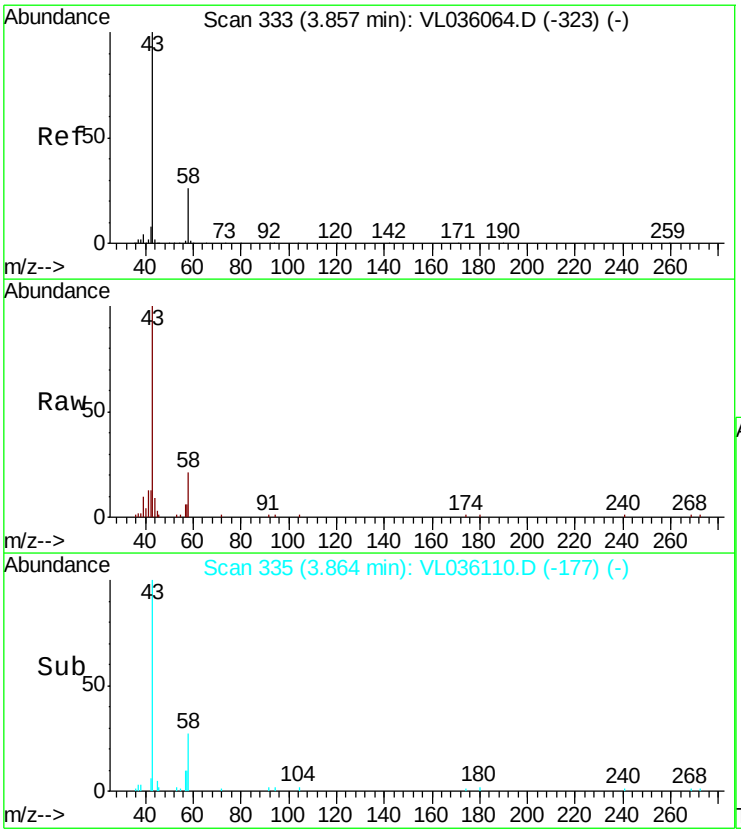
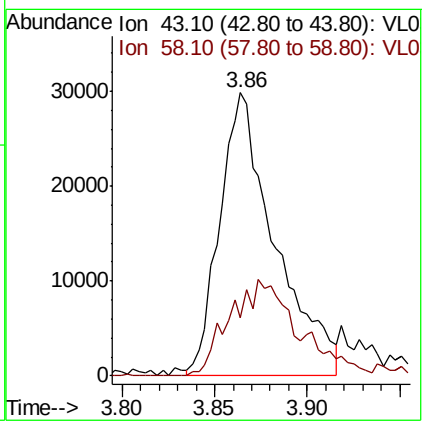
12/11/2020 12:23:53 PM

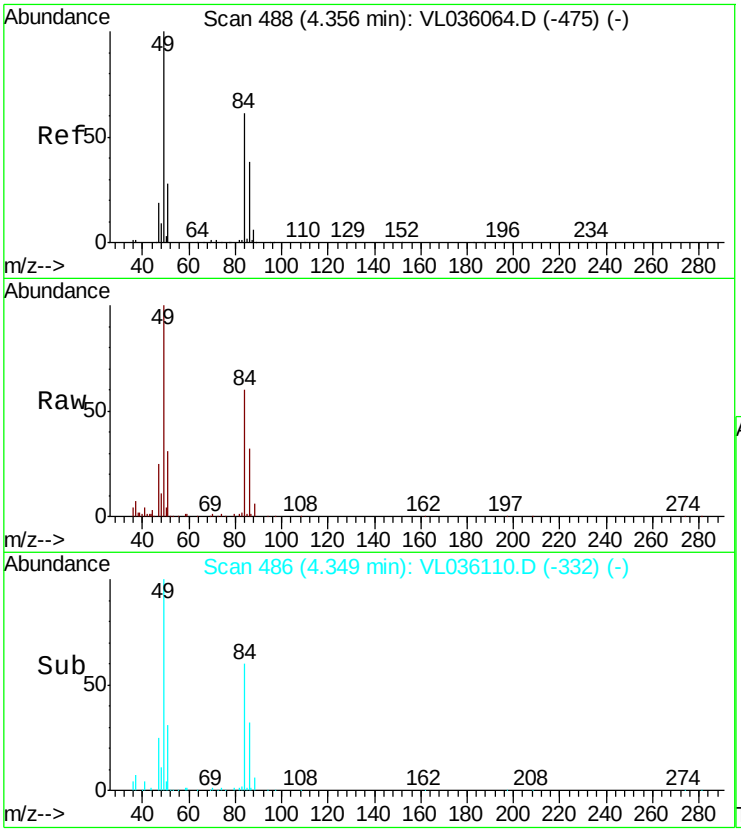


#15
Acetone
Concen: 0.466 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 43 Resp: 61642

Ion	Ratio	Lower	Upper
43	100		
58	44.0	20.9	31.3#

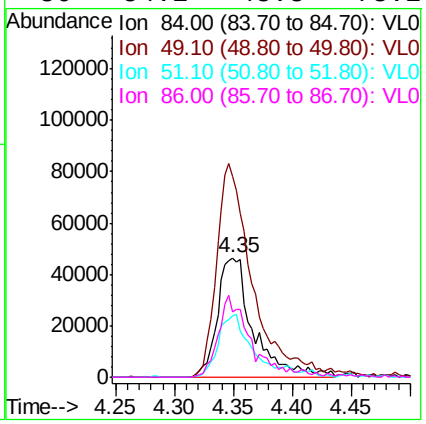




#20
Methylene Chloride
Concen: 1.834 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 84 Resp: 99485

Ion	Ratio	Lower	Upper
84	100		
49	167.7	133.0	199.4
51	51.3	38.9	58.3
86	54.2	48.8	73.2



Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

Manual Integrations APPROVED
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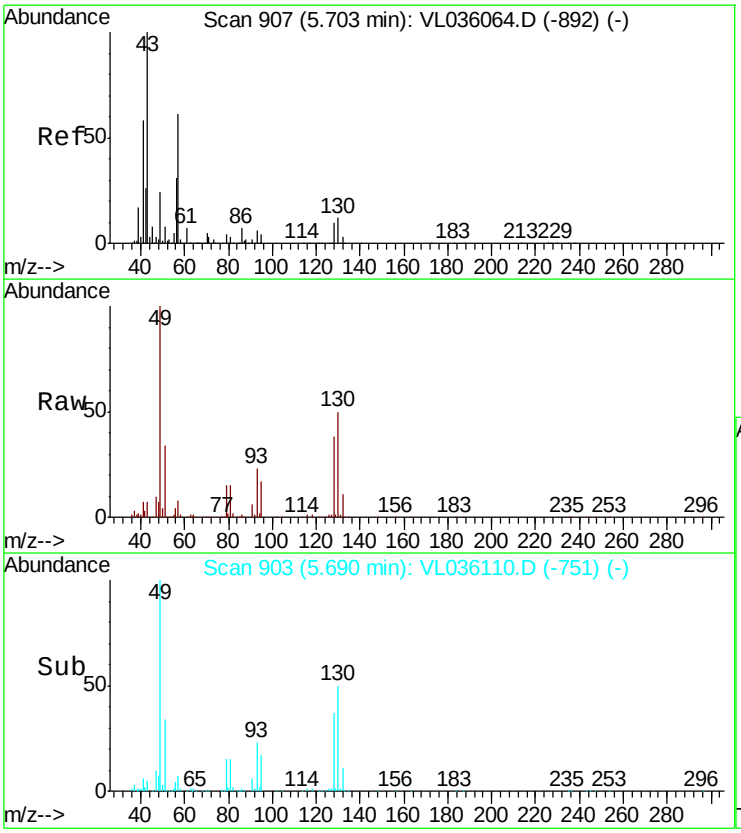
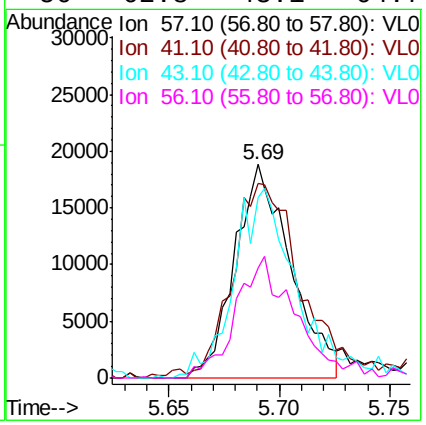
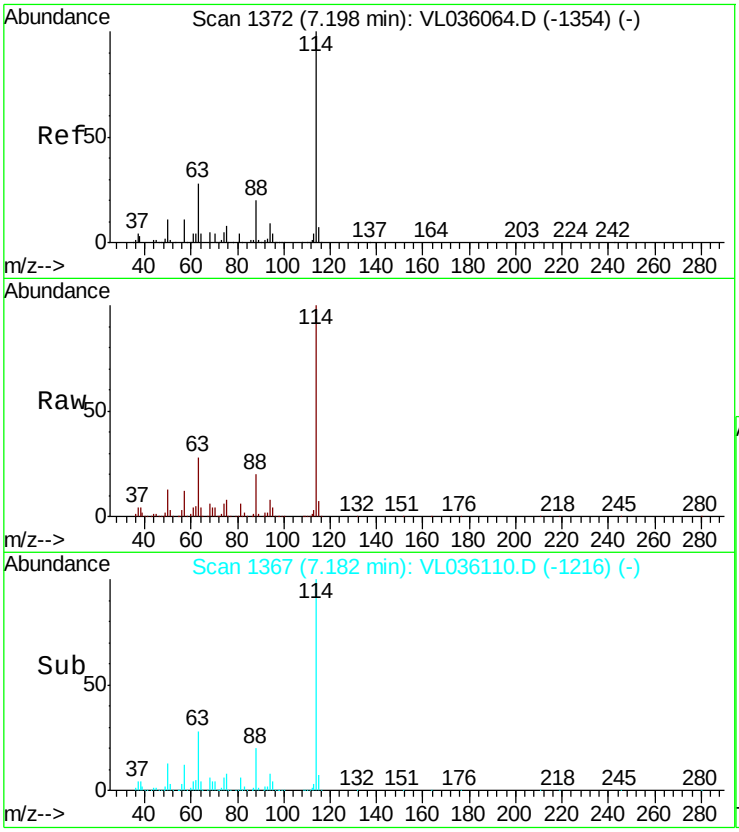


#26
Hexane
Concen: 0.280 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 57 Resp: 33289

Ion	Ratio	Lower	Upper
57	100		
41	119.7	82.9	124.3
43	100.8	199.9	299.9#
56	62.8	43.1	64.7

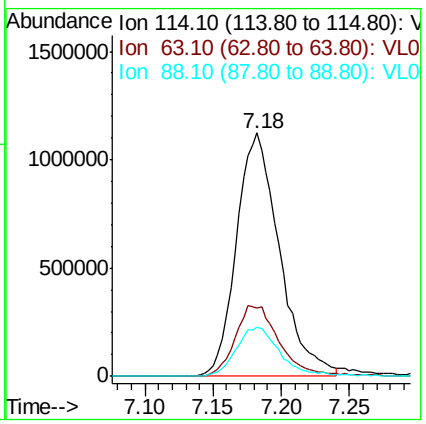




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion:114 Resp: 2460427

Ion	Ratio	Lower	Upper
114	100		
63	30.6	23.6	35.4
88	21.1	15.8	23.6



Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

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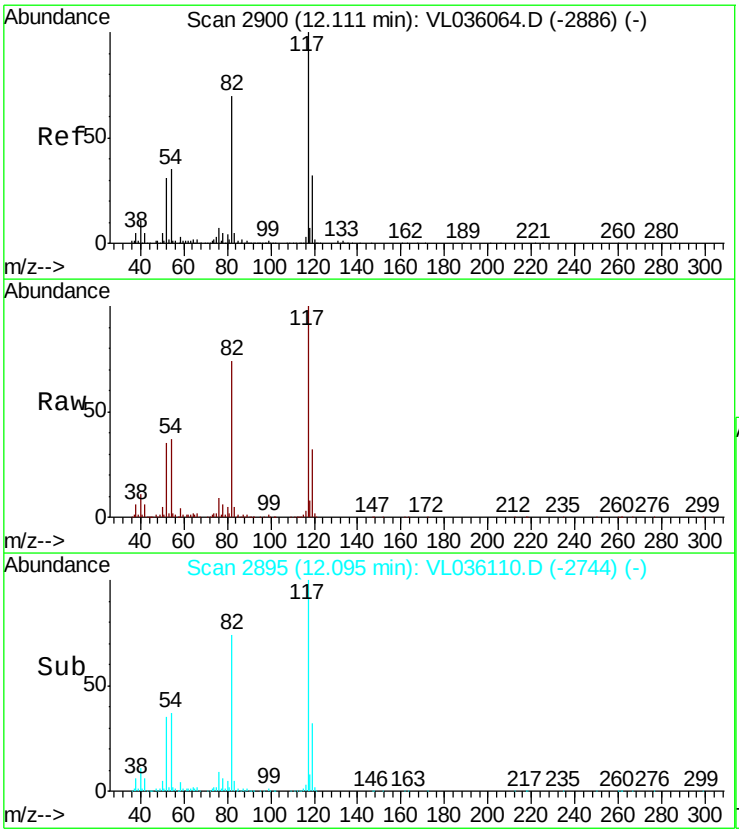
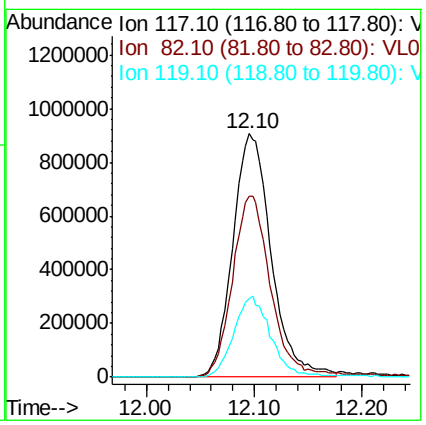
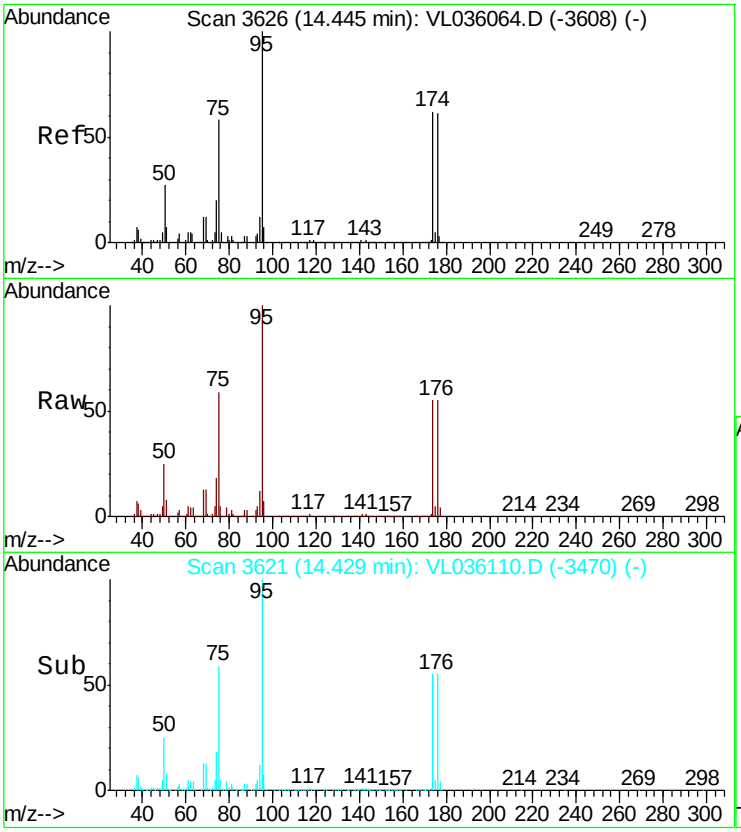


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion:117 Resp: 2248613

Ion	Ratio	Lower	Upper
117	100		
82	75.6	0.0	0.0#
119	32.9	0.0	0.0#

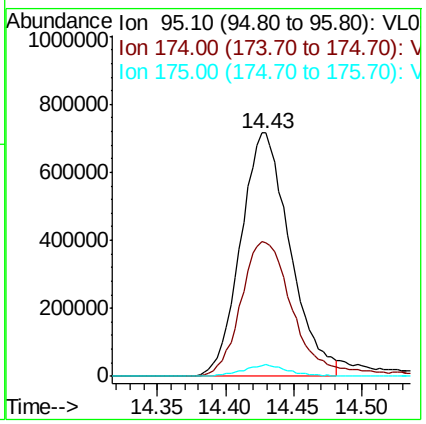




#68
1-Bromo-4-Fluorobenzene
Concen: 10.070 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.02 min
Lab File: VL036110.D
Acq: 9 Dec 2020 1:02

Tgt Ion: 95 Resp: 1798029

Ion	Ratio	Lower	Upper
95	100		
174	61.2	50.7	76.1
175	4.5	4.0	6.0



Instrument :
MSVOA_L
ClientSampleId :
SS-8BDL

Manual Integrations APPROVED
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