Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\
Data File : VL036008.D
Acq On : 25 Nov 2020 00:17
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Manual Integrations APPROVED
MMDadoda
11/27/2020 1:16:14 PM

Quant Time: Nov 25 07:19:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1141625	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3905005	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3636439	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2773518	10.74	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.40%			
Target Compounds						Qvalue
9) Propene	3.00	41	8033m	0.161	ppbv	
13) Ethanol	3.59	45	62910m	5.795	ppbv	
15) Acetone	3.83	43	108681	0.890	ppbv #	87
20) Methylene Chloride	4.32	84	867763	10.100	ppbv	98
26) Hexane	5.66	57	459485	3.465	ppbv #	45
52) Tetrachloroethene	11.19	164	89197	0.649	ppbv	92

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

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MSVOA_L
ClientSampleId :
VIBLK

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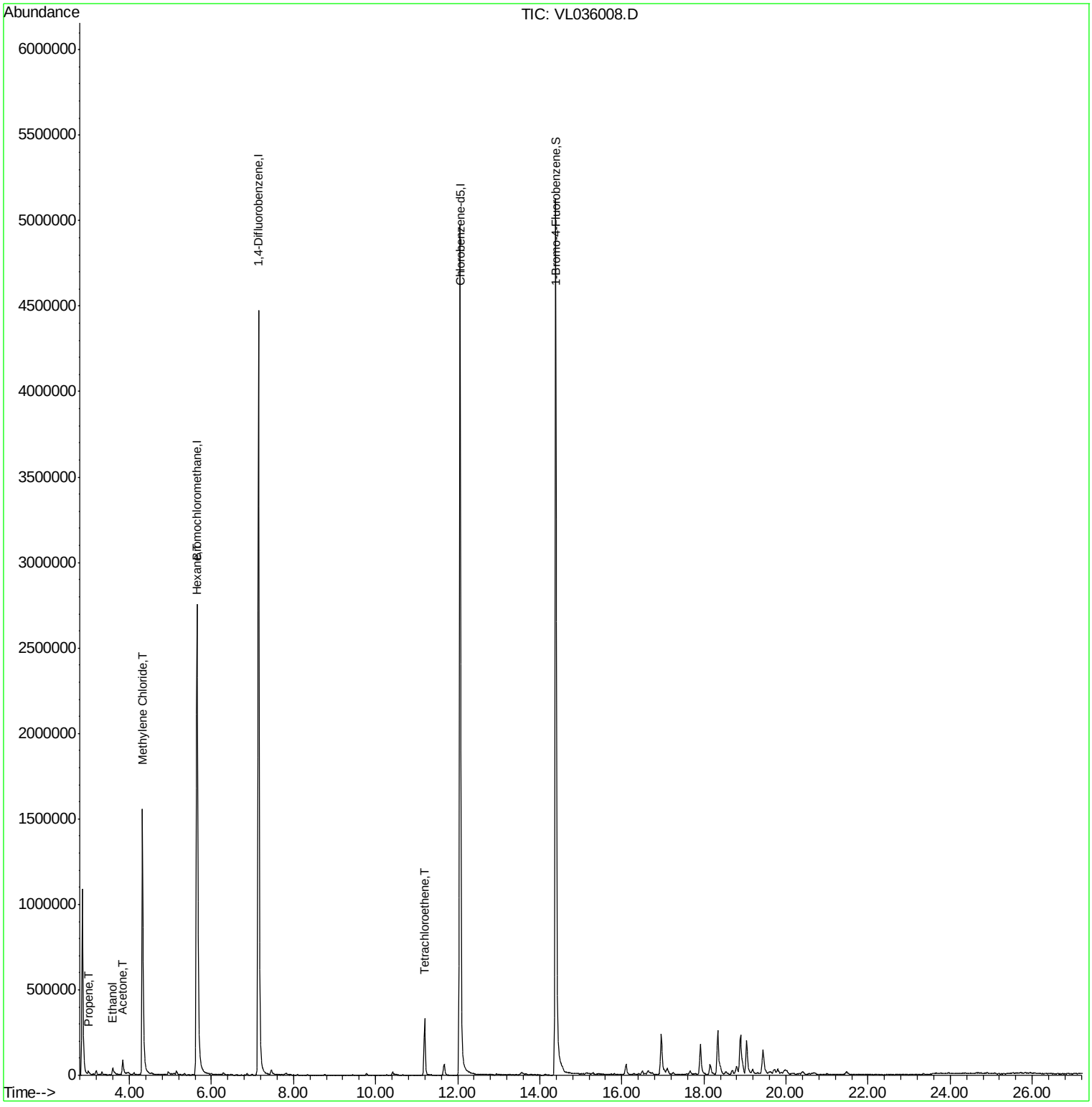
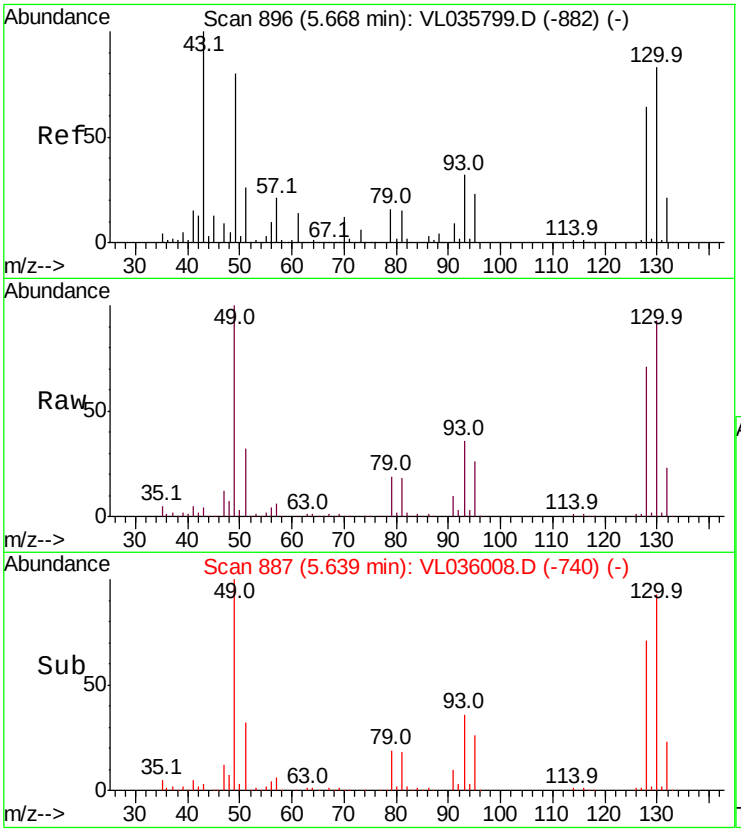
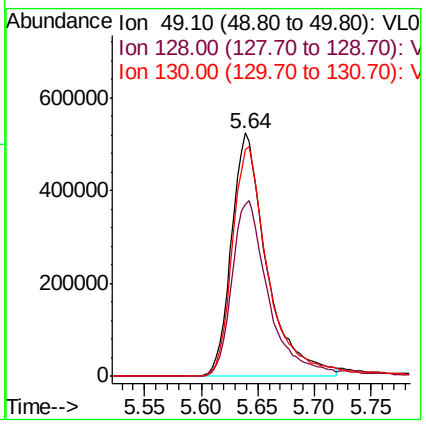




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 49 Resp: 1141625

Ion	Ratio	Lower	Upper
49	100		
128	77.9	41.5	124.6
130	99.2	53.7	161.1



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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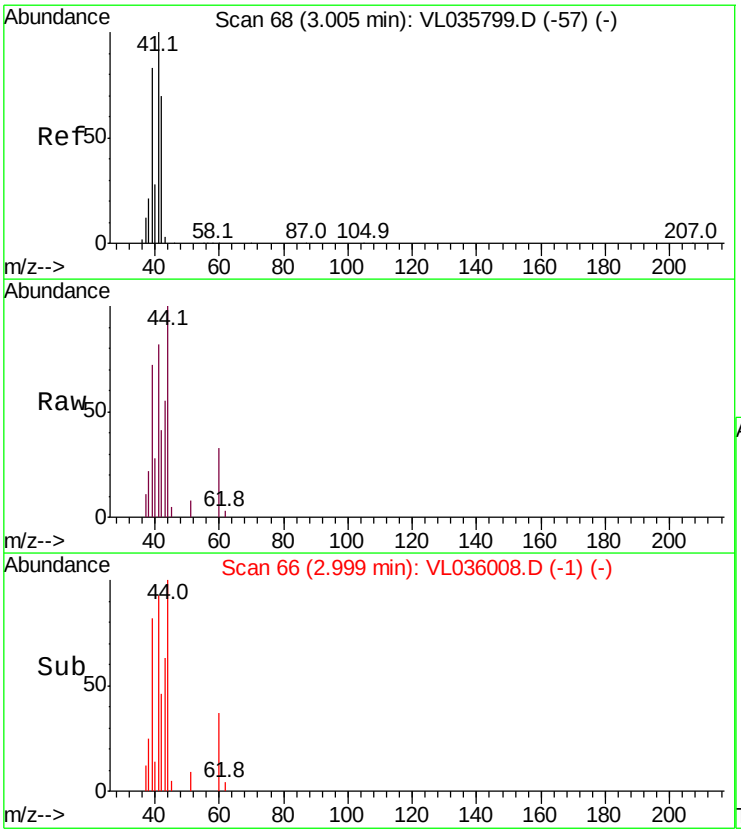
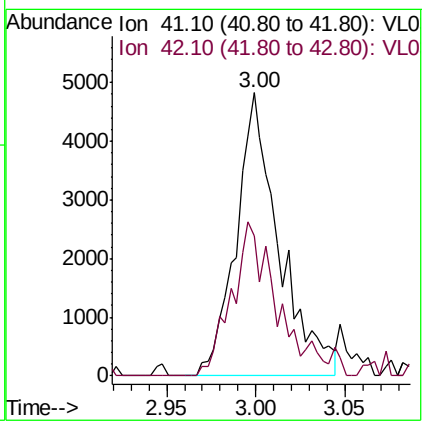
11/27/2020 1:16:14 PM

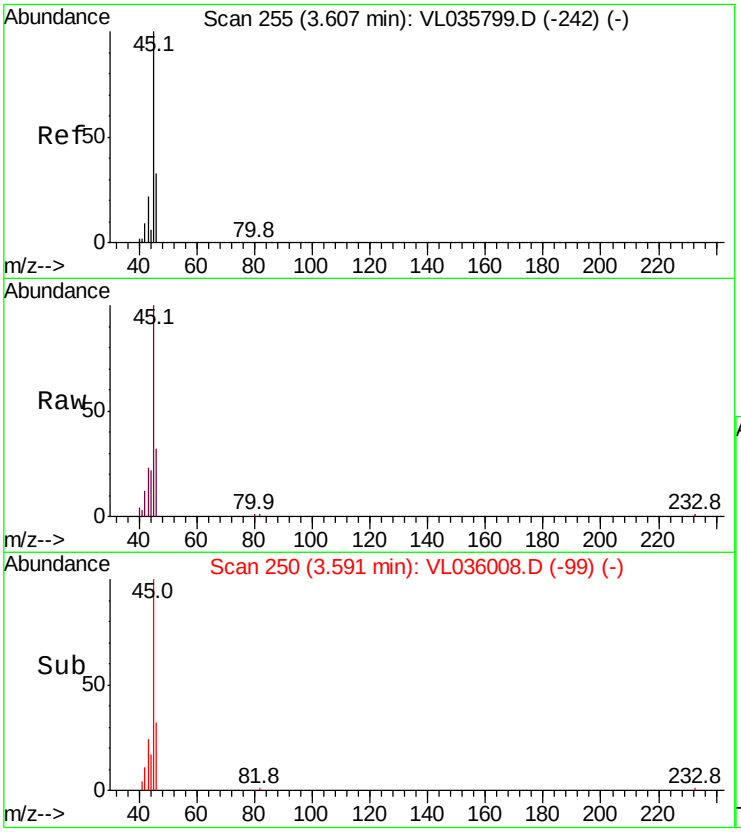


#9
Propene
Concen: 0.161 ppbv m
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 41 Resp: 8033

Ion	Ratio	Lower	Upper
41	100		
42	61.2	56.2	84.4





#13
Ethanol
Concen: 5.795 ppbv m
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 45 Resp: 62910

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.5#

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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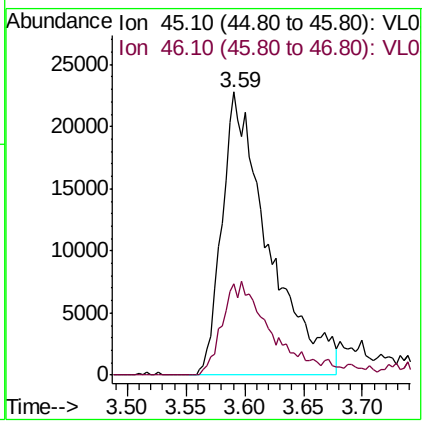
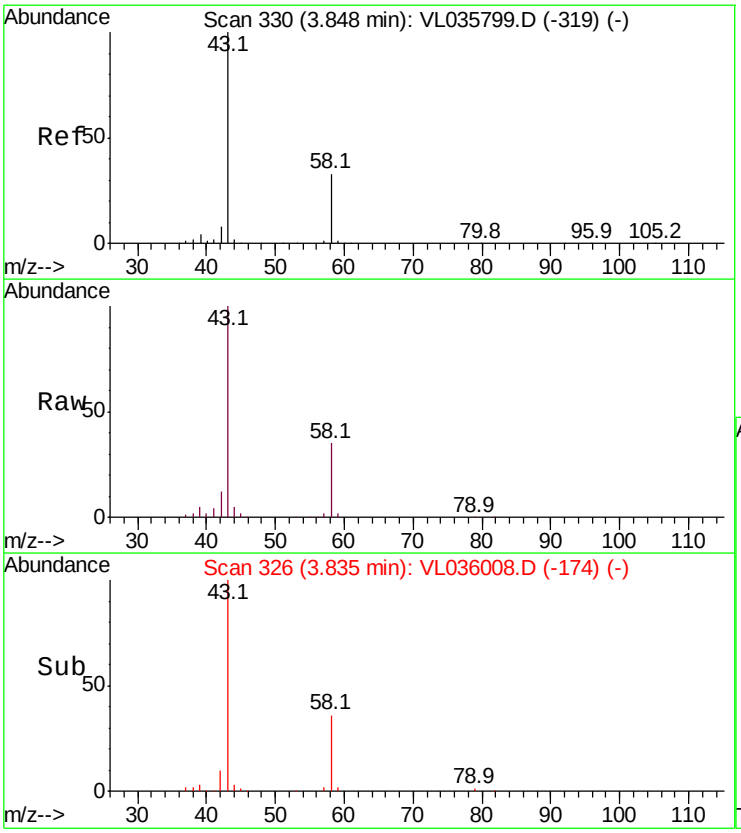
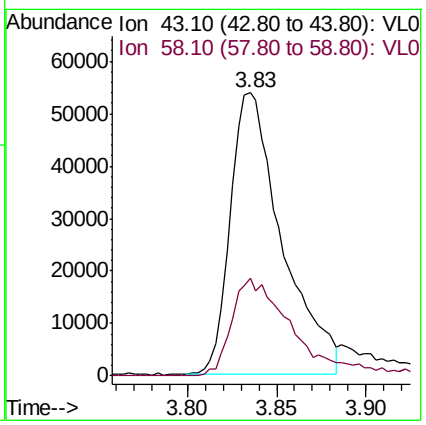


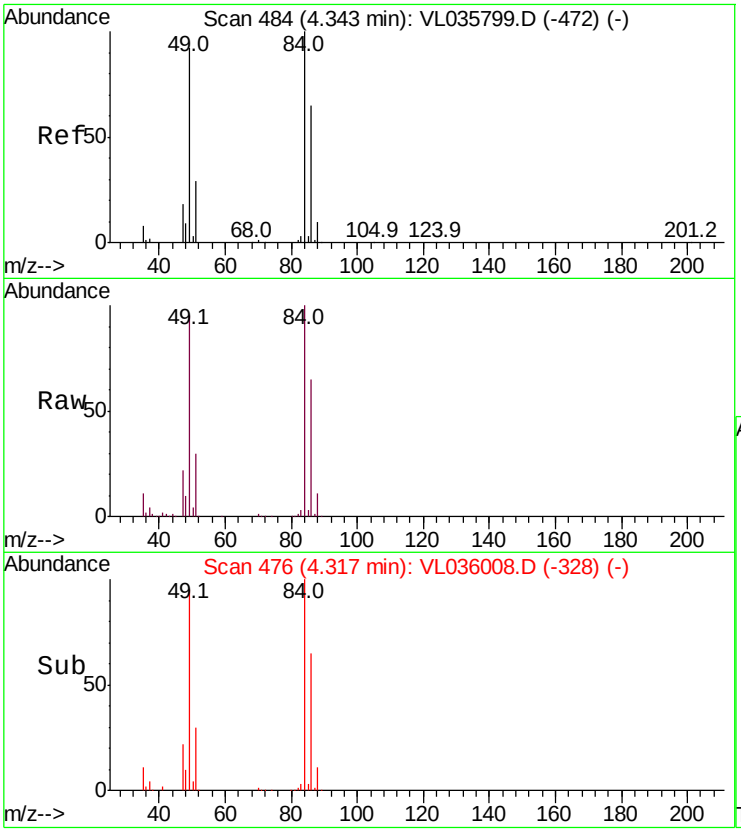


#15
Acetone
Concen: 0.890 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 43 Resp: 108681

Ion	Ratio	Lower	Upper
43	100		
58	41.6	27.5	41.3#

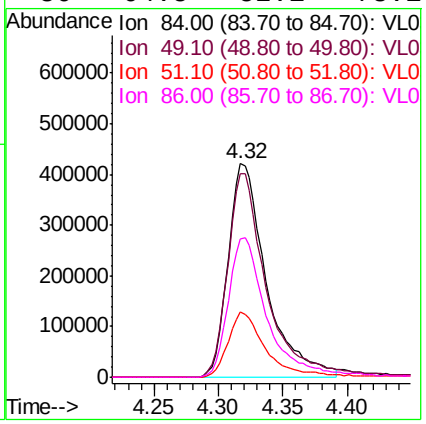




#20
Methylene Chloride
Concen: 10.100 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 84 Resp: 867763

Ion	Ratio	Lower	Upper
84	100		
49	95.2	73.8	110.8
51	30.3	23.0	34.4
86	64.5	52.1	78.1



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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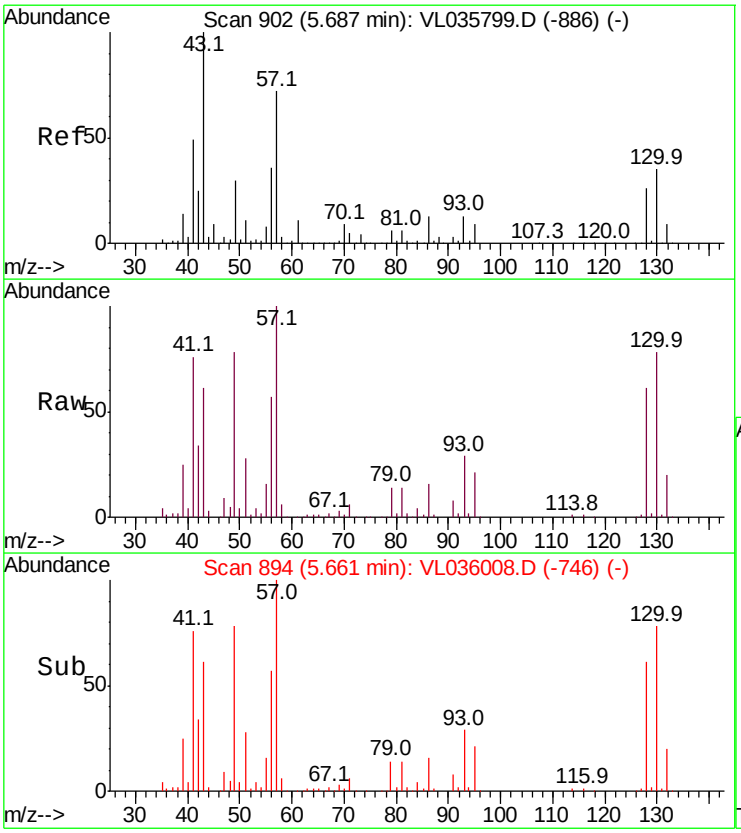
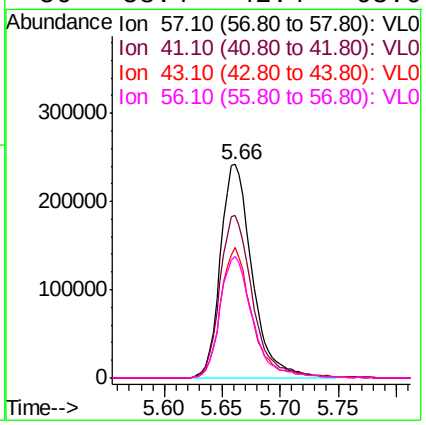
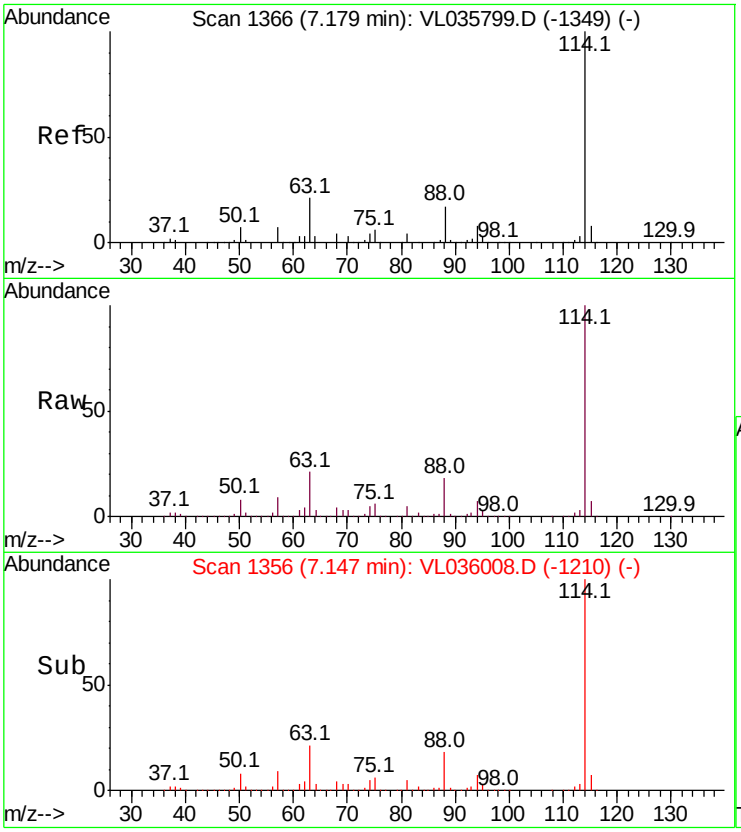


#26
Hexane
Concen: 3.465 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 57 Resp: 459485

Ion	Ratio	Lower	Upper
57	100		
41	79.1	58.9	88.3
43	60.5	150.2	225.2#
56	58.4	42.4	63.6

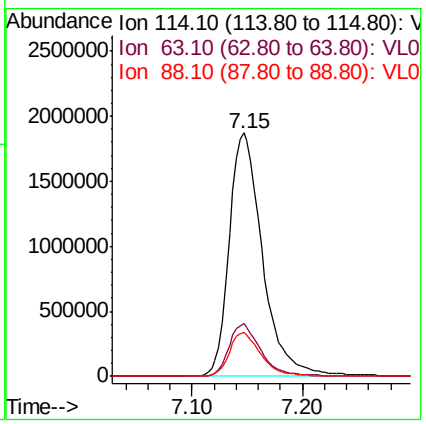




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion:114 Resp: 3905005

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.1	24.1
88	17.7	13.7	20.5



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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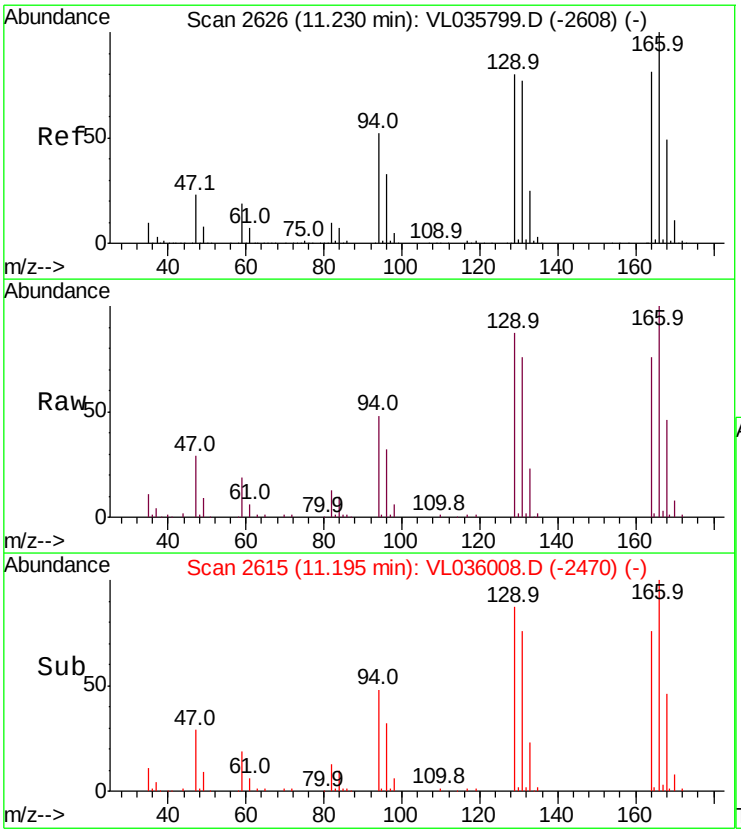
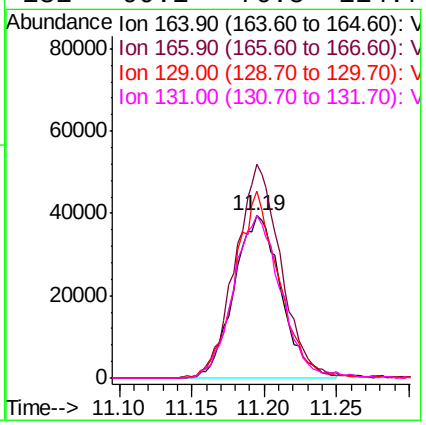
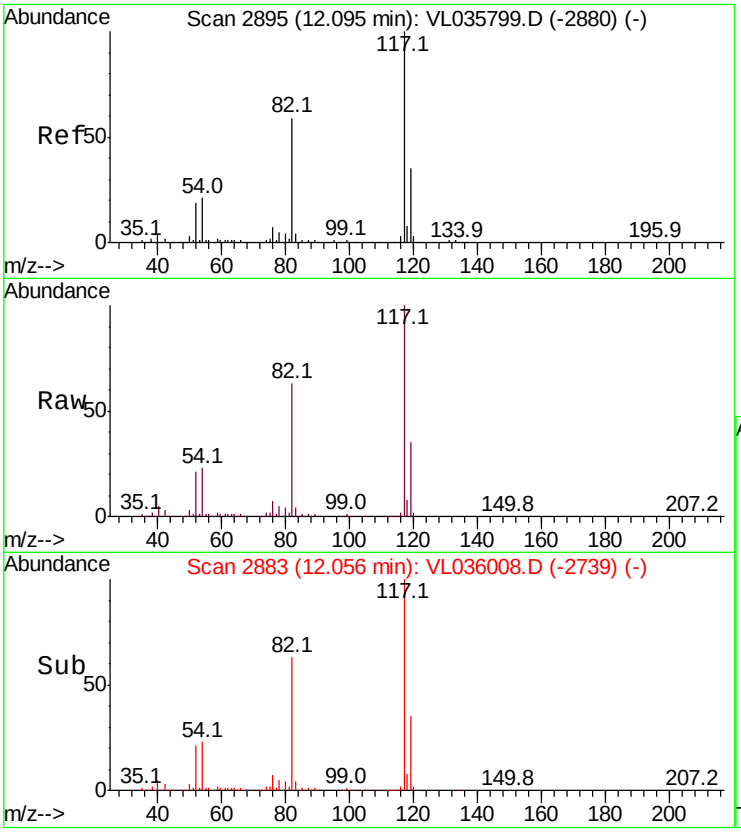


#52
Tetrachloroethene
Concen: 0.649 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.04 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion:164 Resp: 89197

Ion	Ratio	Lower	Upper
164	100		
166	131.1	99.3	148.9
129	113.6	79.3	118.9
131	99.1	76.5	114.7

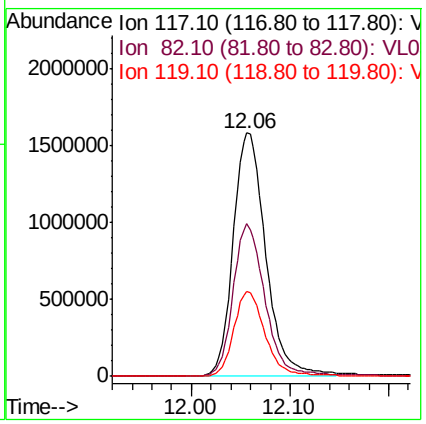




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion:117 Resp: 3636439

Ion	Ratio	Lower	Upper
117	100		
82	62.3	50.6	76.0
119	34.2	52.6	78.8#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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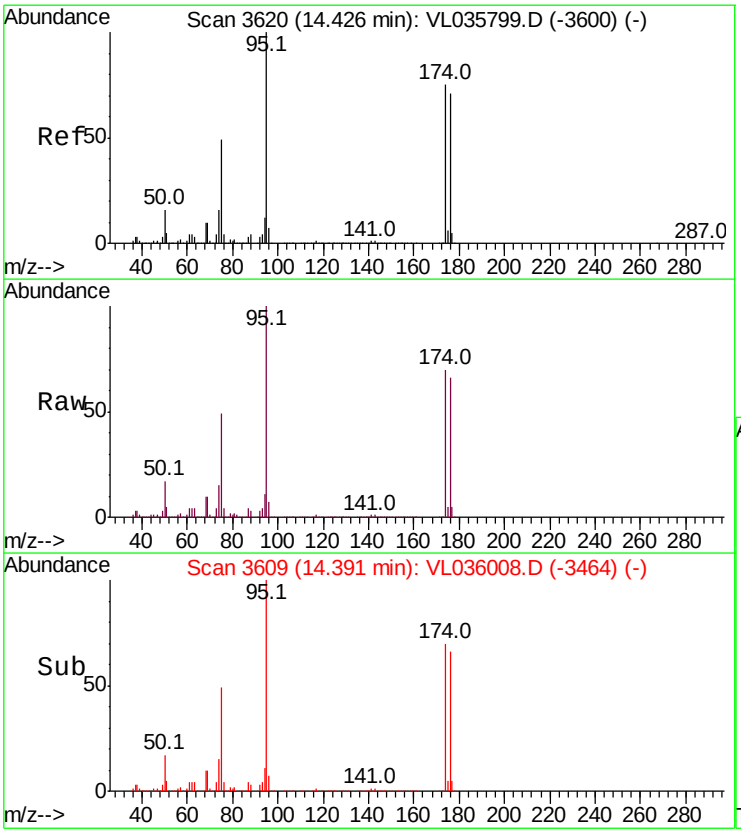

#68
1-Bromo-4-Fluorobenzene
Concen: 10.735 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL036008.D
Acq: 25 Nov 2020 00:17

Tgt Ion: 95 Resp: 2773518

Ion	Ratio	Lower	Upper
95	100		
174	70.5	59.8	89.6
175	5.0	4.3	6.5