Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080621\
Data File : VL037365.D
Acq On : 7 Aug 2021 5:17
Operator : SY/AP
Sample : M3157-07DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 07 06:39:15 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 0
QLast Update : Fri Aug 06 17:52:04 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : DDC-2-EFFLUENTDL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	803847	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2667984	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2200863	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1544219	9.96	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%			
Target Compounds						Qvalue
9) Propene	3.02	41	13645m	0.254	ppbv	
13) Ethanol	3.63	45	35265m	3.554	ppbv	
15) Acetone	3.87	43	100459m	1.199	ppbv	
19) Isopropyl Alcohol	4.01	45	17774m	0.351	ppbv	
20) Methylene Chloride	4.34	84	28356m	0.404	ppbv	
34) 2-Butanone	5.27	43	34608m	0.386	ppbv	
52) Tetrachloroethene	11.22	164	3202m	0.033	ppbv	

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

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MSVOA_L
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DDC-2-EFFLUENTDL

Manual Integrations APPROVED
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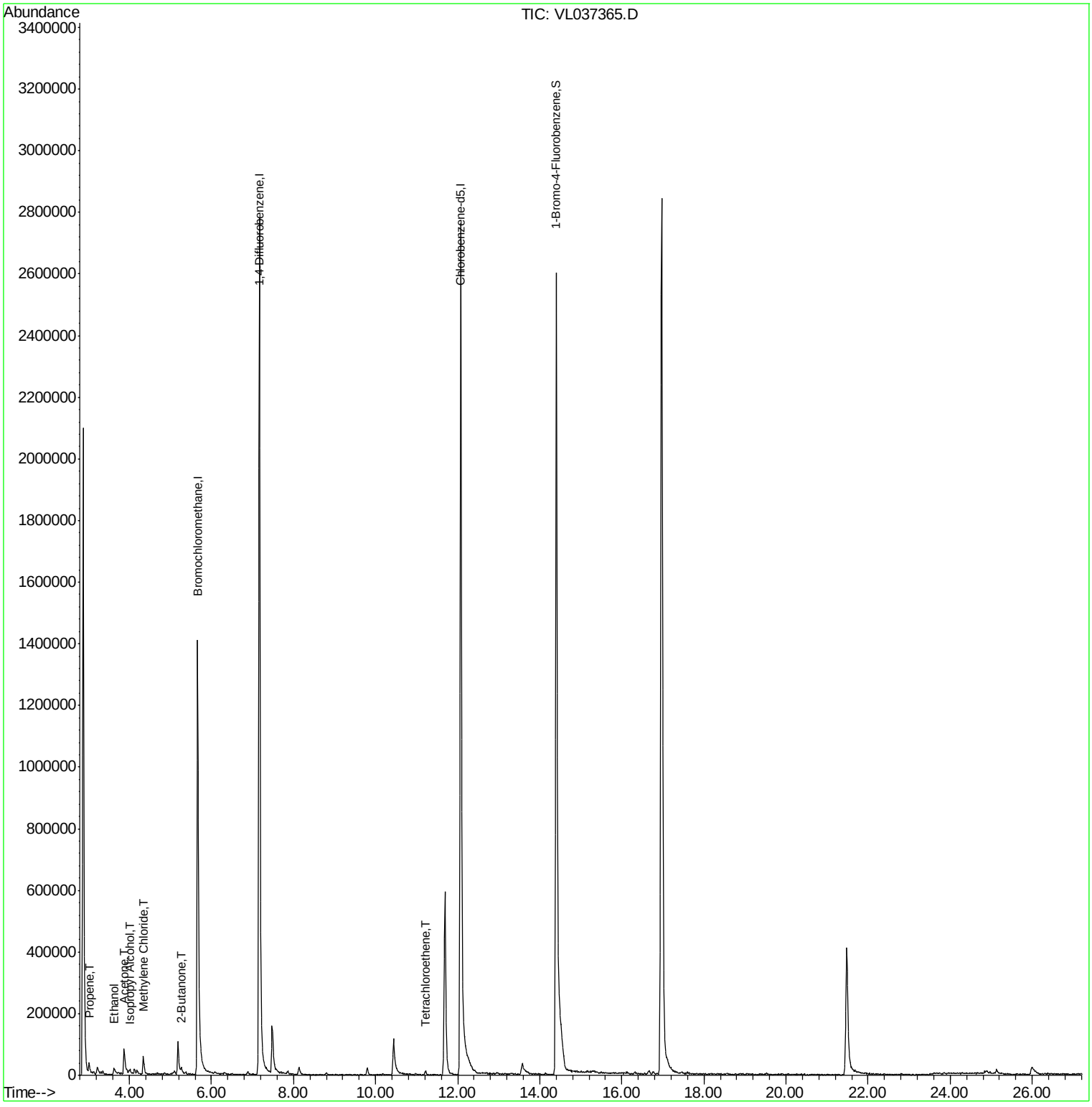
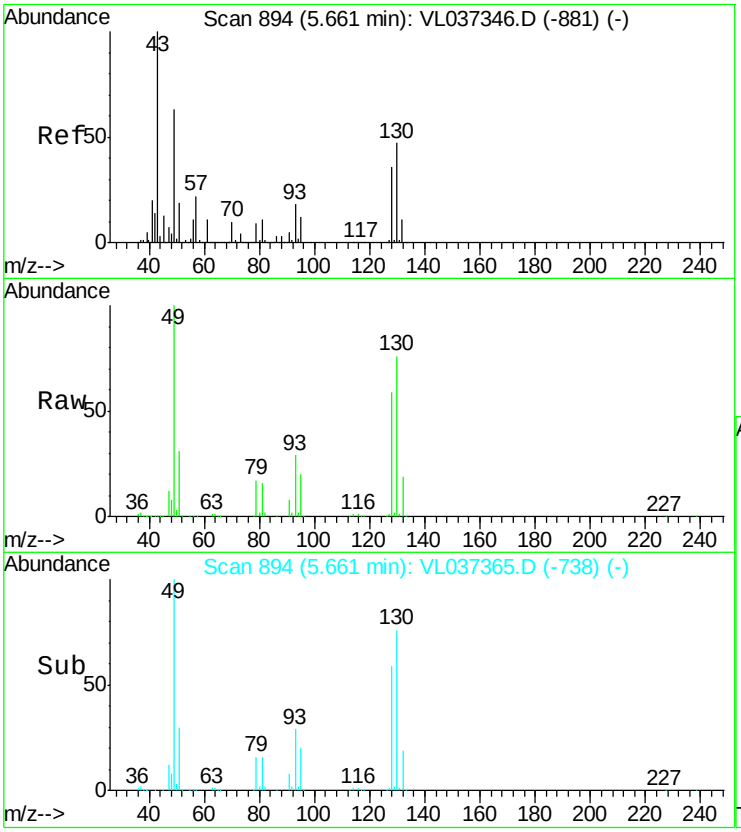
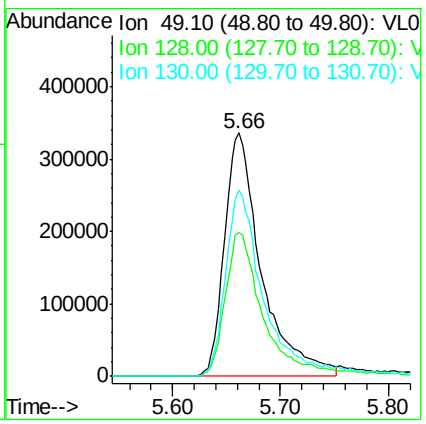




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 49 Resp: 803847

Ion	Ratio	Lower	Upper
49	100		
128	62.8	32.1	96.3
130	81.5	40.0	120.0



Instrument :
MSVOA_L
ClientSampleId :
DDC-2-EFFLUENTDL

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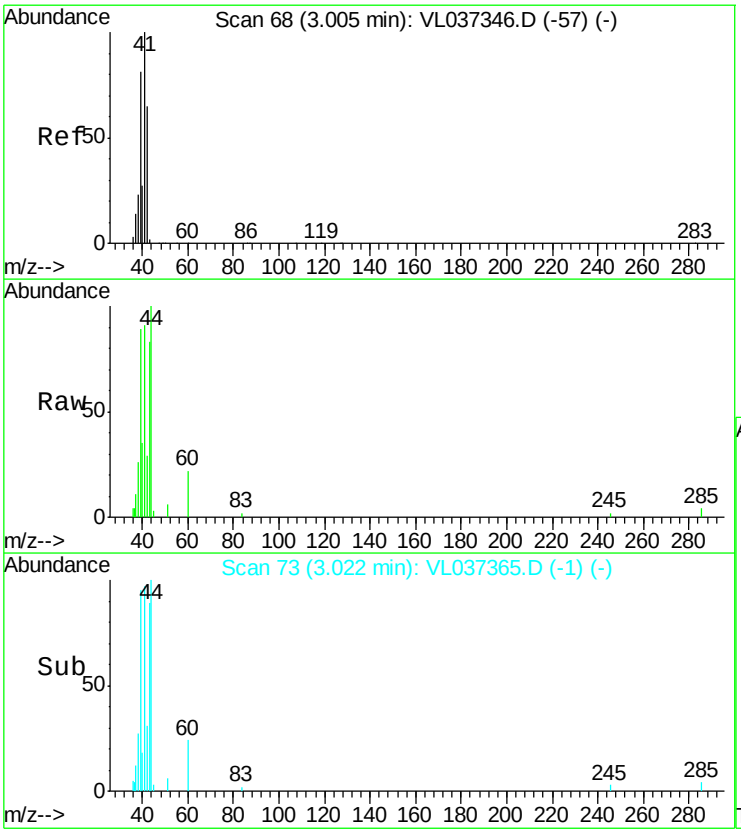
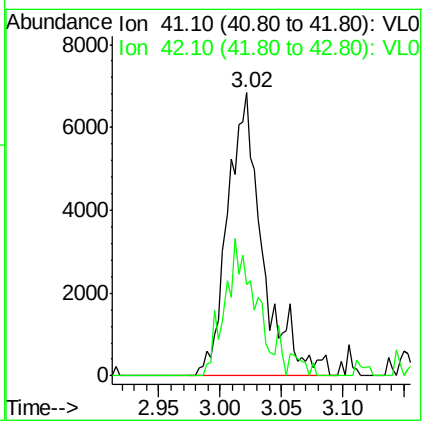
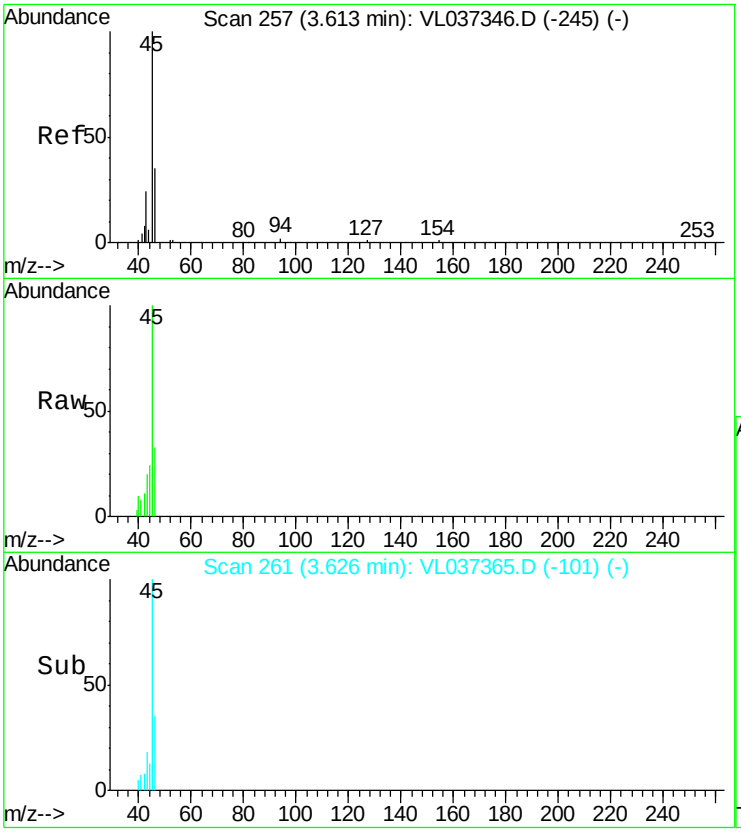


#9
Propene
Concen: 0.254 ppbv m
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 41 Resp: 13645

Ion	Ratio	Lower	Upper
41	100		
42	11.2	54.3	81.5#

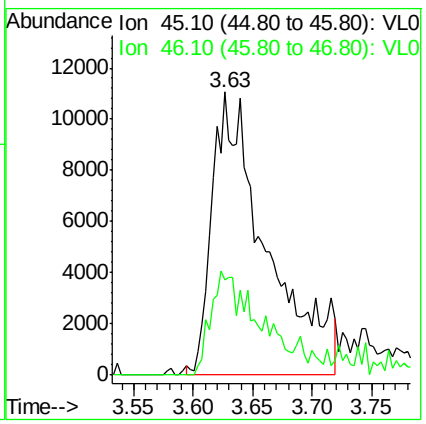




#13
Ethanol
Concen: 3.554 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.01 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 45 Resp: 35265

Ion	Ratio	Lower	Upper
45	100		
46	35.2	15.7	62.9



Instrument :
MSVOA_L
ClientSampleId :
DDC-2-EFFLUENTDL

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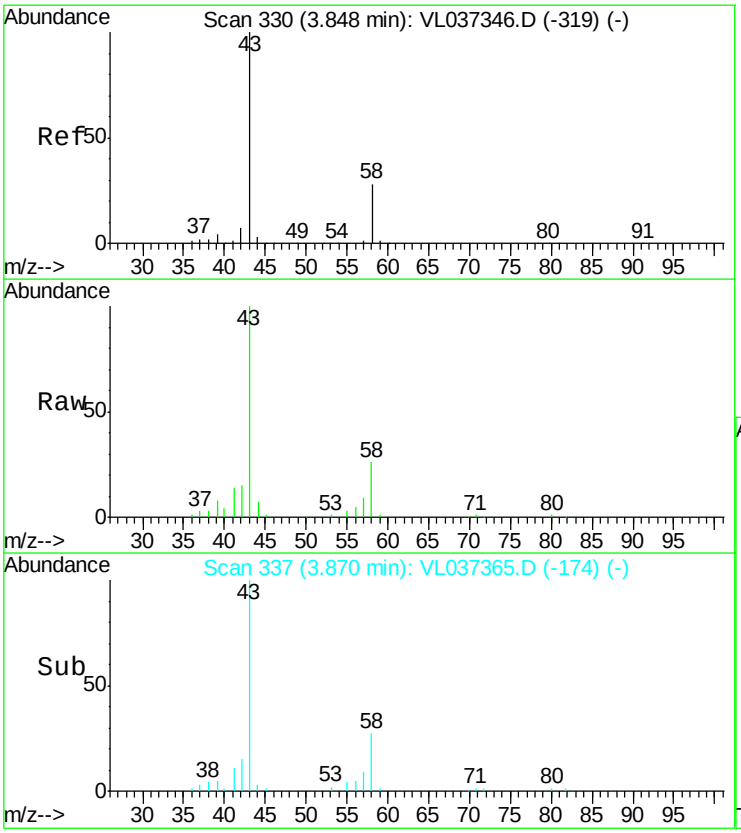
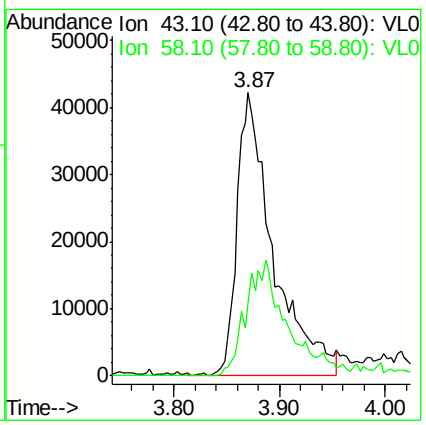
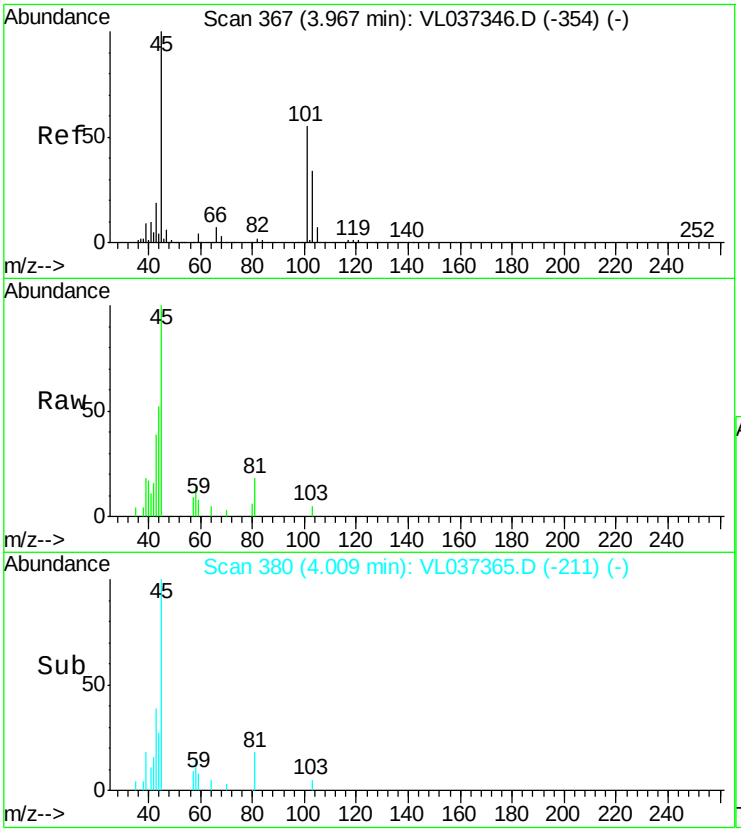


#15
Acetone
Concen: 1.199 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 43 Resp: 100459

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.6	36.8#





#19
Isopropyl Alcohol
Concen: 0.351 ppbv m
RT: 4.01 min Scan# 380
Delta R.T. 0.04 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 45 Resp: 17774

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-EFFLUENTDL

Manual Integrations APPROVED
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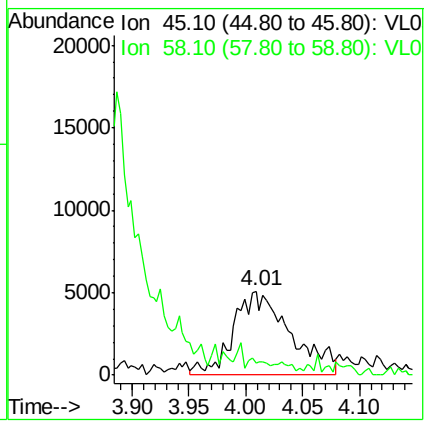
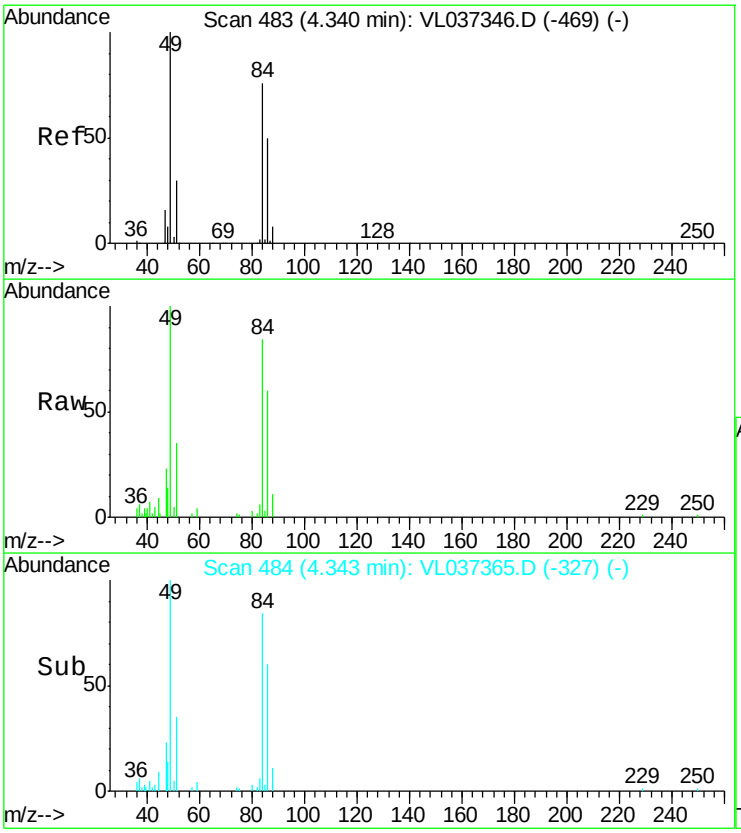
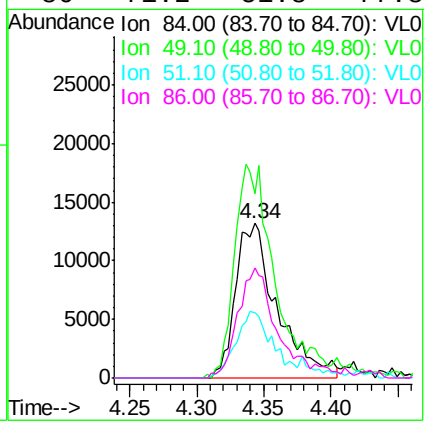


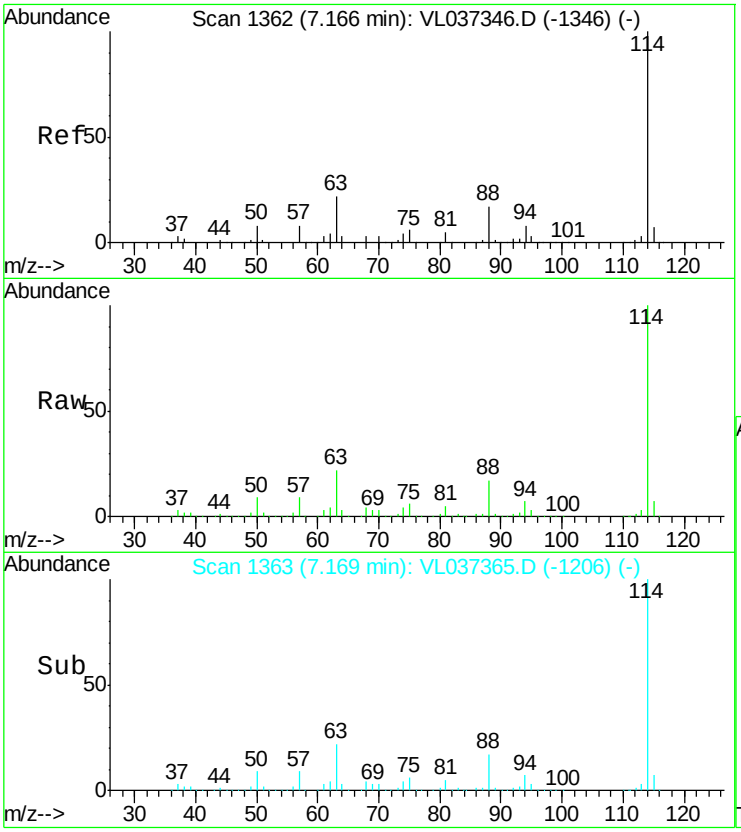


#20
Methylene Chloride
Concen: 0.404 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 84 Resp: 28356

Ion	Ratio	Lower	Upper
84	100		
49	118.8	107.3	160.9
51	42.0	33.0	49.4
86	71.2	51.8	77.8

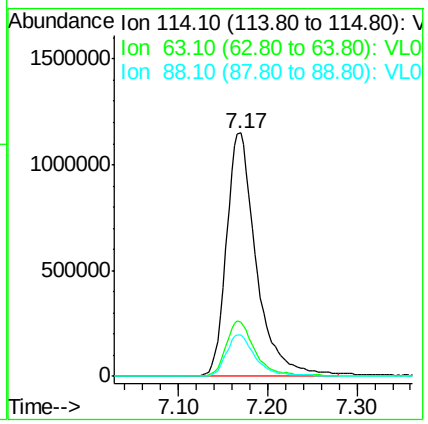




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion:114 Resp: 2667984

Ion	Ratio	Lower	Upper
114	100		
63	22.5	17.8	26.6
88	17.0	13.5	20.3



Instrument :
MSVOA_L
ClientSampleId :
DDC-2-EFFLUENTDL

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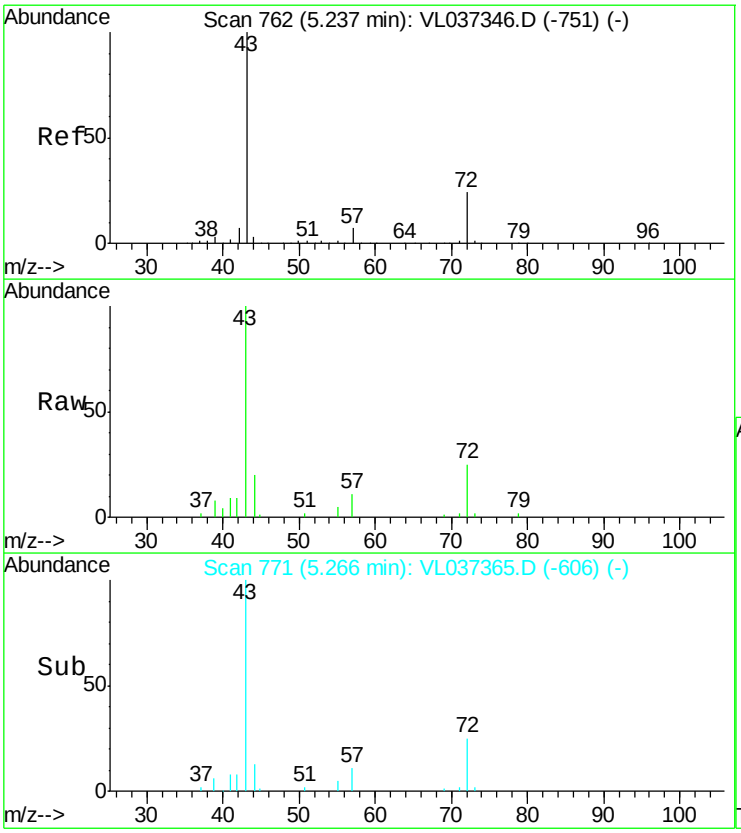
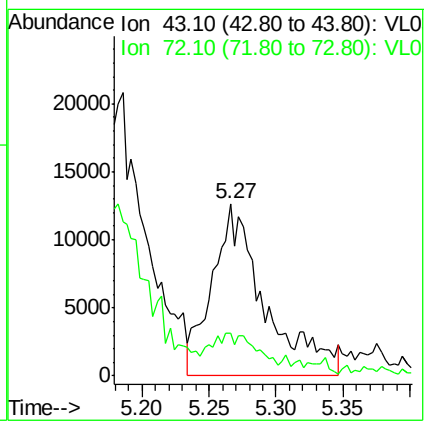
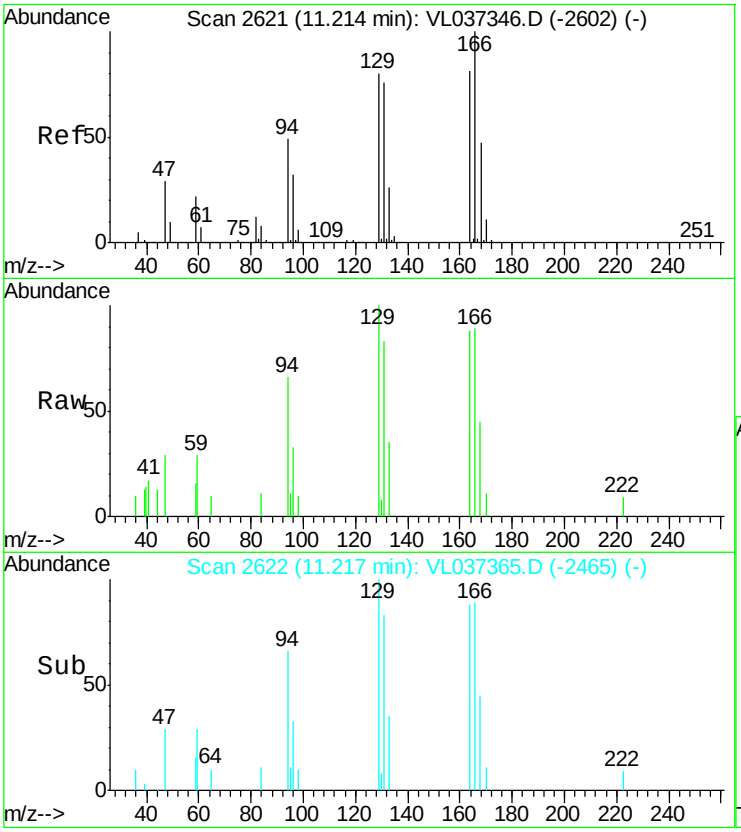


#34
2-Butanone
Concen: 0.386 ppbv m
RT: 5.27 min Scan# 771
Delta R.T. 0.03 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 43 Resp: 34608

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#

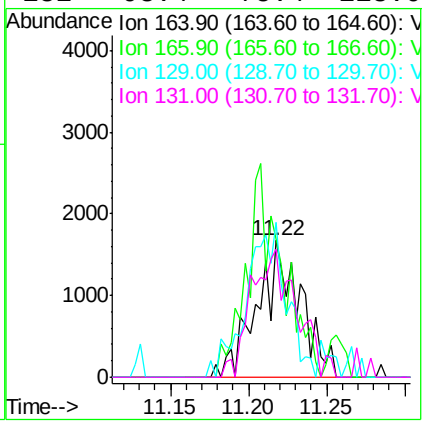




#52
Tetrachloroethene
Concen: 0.033 ppbv m
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion:164 Resp: 3202

Ion	Ratio	Lower	Upper
164	100		
166	101.0	99.4	149.0
129	113.0	79.2	118.8
131	93.4	75.4	113.0



Instrument :
MSVOA_L
ClientSampleId :
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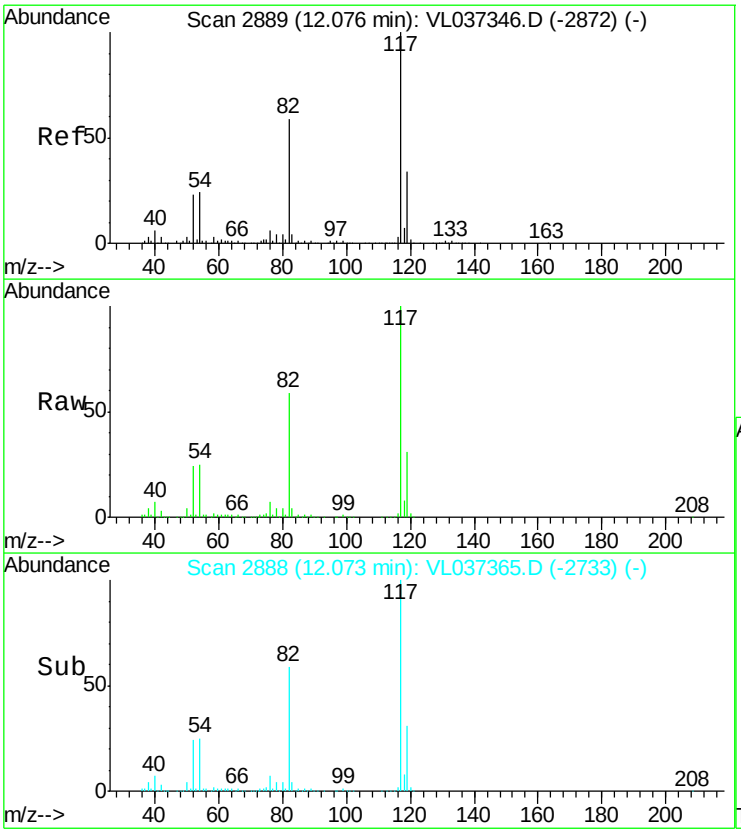
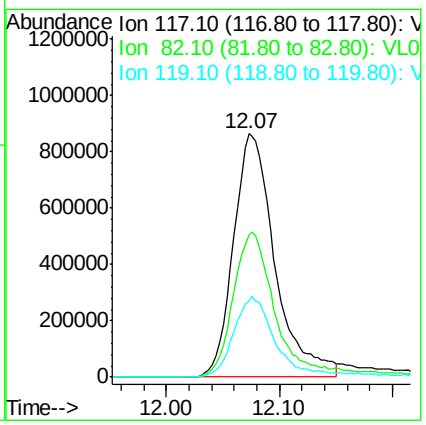
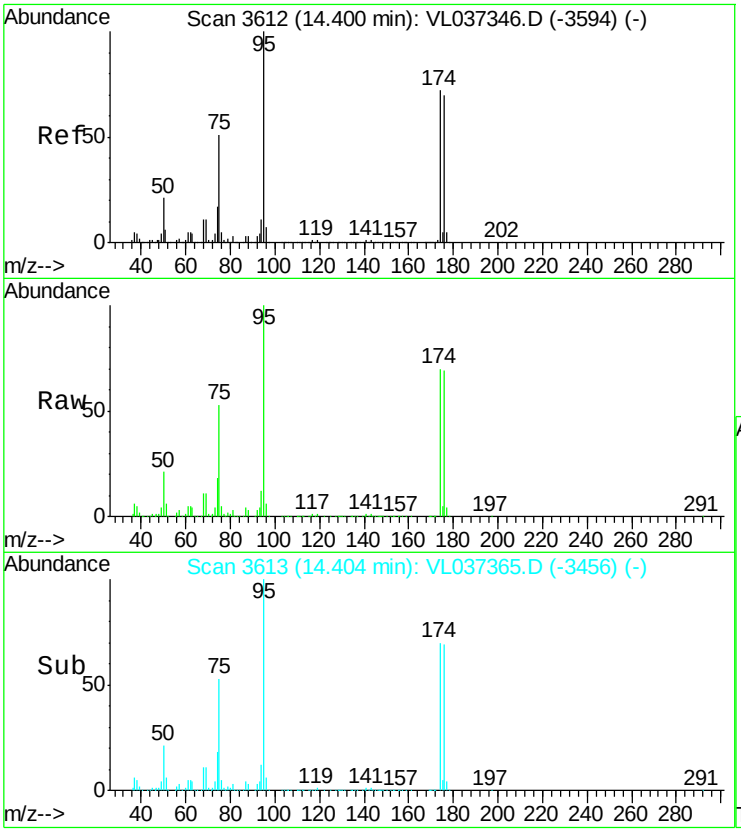


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion:117 Resp: 2200863

Ion	Ratio	Lower	Upper
117	100		
82	64.4	46.0	69.0
119	34.2	24.4	36.6

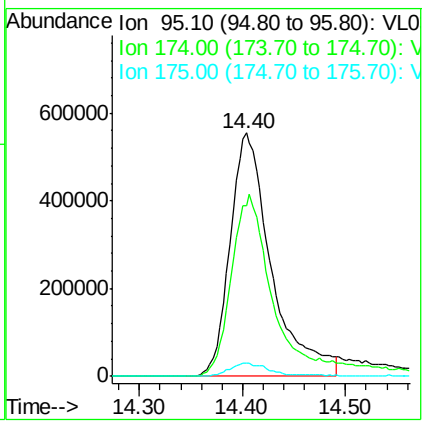




#68
1-Bromo-4-Fluorobenzene
Concen: 9.960 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.00 min
Lab File: VL037365.D
Acq: 7 Aug 2021 5:17

Tgt Ion: 95 Resp: 1544219

Ion	Ratio	Lower	Upper
95	100		
174	81.7	60.8	91.2
175	5.6	4.3	6.5



Instrument :
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ClientSampleId :
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