Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\
Data File : VL032764.D
Acq On : 14 Nov 2018 18:26
Operator : SY/AP
Sample : J5896-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED
MMDadoda
11/16/2018 1:30:08 PM

Quant Time: Nov 15 06:45:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1347019	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3374957	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	3068536	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2242791	9.77	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	102762	0.531	ppbv		93
3) Chlorodifluoromethane	3.02	51	33549m	0.314	ppbv		
4) Chloromethane	3.18	50	28687	0.484	ppbv	#	87
9) Propene	3.05	41	64217m	1.503	ppbv		
11) Trichlorofluoromethane	4.01	101	41646	0.228	ppbv		94
13) Ethanol	3.65	45	266409	19.032	ppbv		95
15) Acetone	3.91	43	503030	4.089	ppbv		97
19) Isopropyl Alcohol	4.05	45	31321	0.382	ppbv	#	1
20) Methylene Chloride	4.41	84	95567	1.501	ppbv		97
26) Hexane	5.79	57	177934	1.394	ppbv	#	54
34) 2-Butanone	5.34	43	67130	0.383	ppbv		100
35) Carbon Tetrachloride	7.14	117	19709m	0.073	ppbv		
36) Benzene	7.01	78	106369	0.396	ppbv	#	91
44) 2,2,4-Trimethylpentane	7.99	57	362001	0.806	ppbv	#	90
52) Tetrachloroethene	11.38	164	76119	0.814	ppbv		92
53) Toluene	9.95	91	486202	1.734	ppbv		99
59) m/p-Xylene	13.13	91	68028m	0.207	ppbv		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\
Data File : VL032764.D
Acq On : 14 Nov 2018 18:26
Operator : SY/AP
Sample : J5896-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 15 06:45:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED
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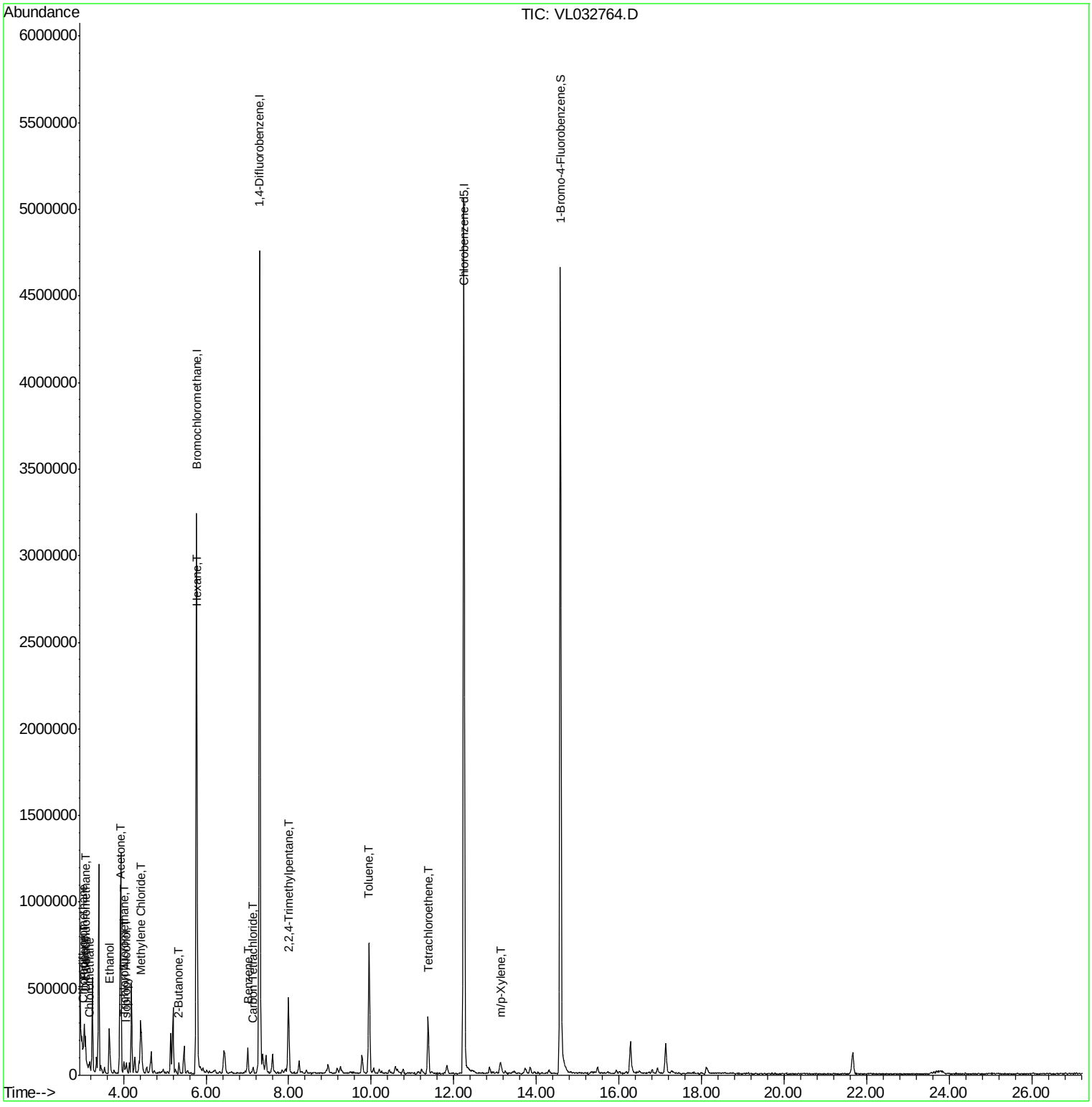
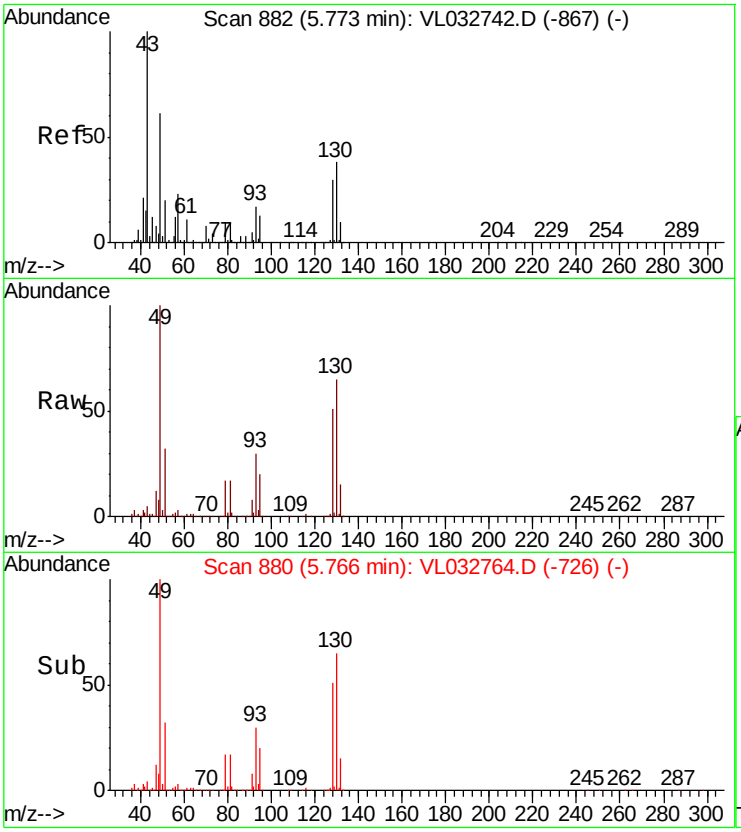
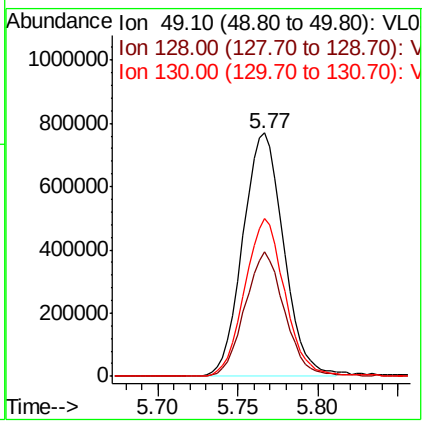




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 49 Resp: 1347019

Ion	Ratio	Lower	Upper
49	100		
128	50.0	24.9	74.6
130	64.4	31.4	94.2



Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED
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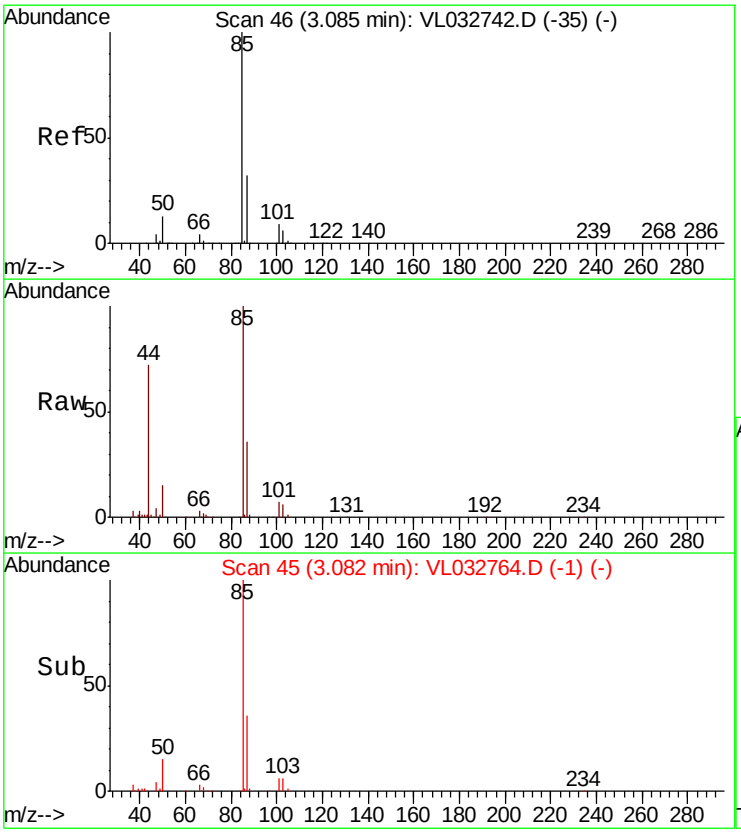
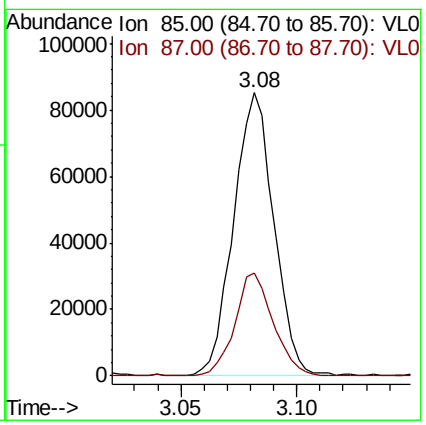
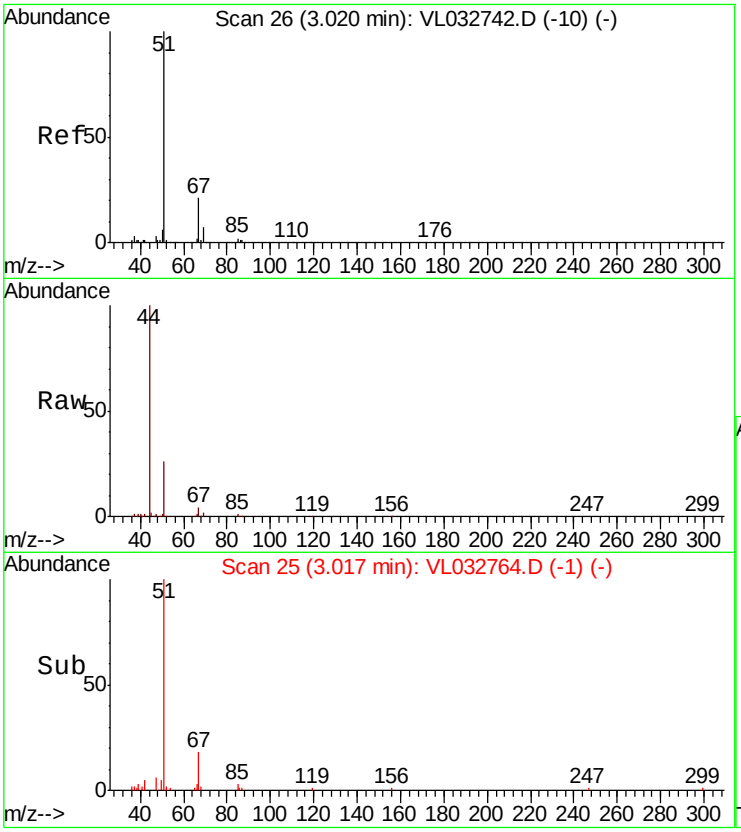


#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 85 Resp: 102762

Ion	Ratio	Lower	Upper
85	100		
87	36.4	26.0	39.0





#3
Chlorodifluoromethane
Concen: 0.314 ppbv m
RT: 3.02 min Scan# 25
Delta R.T. -0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 51 Resp: 33549

Ion	Ratio	Lower	Upper
51	100		
67	21.0	16.1	24.1

Instrument :
MSVOA_L
ClientSampleId :
OA1

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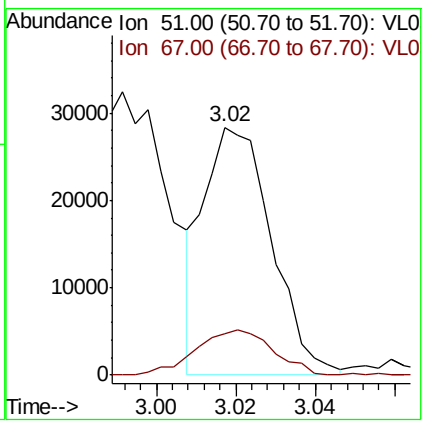
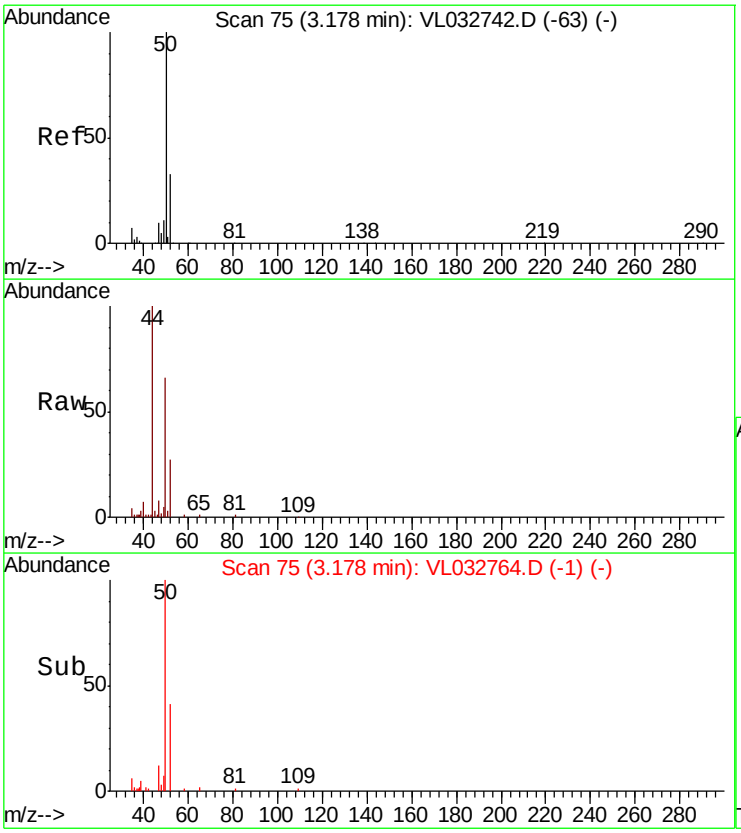
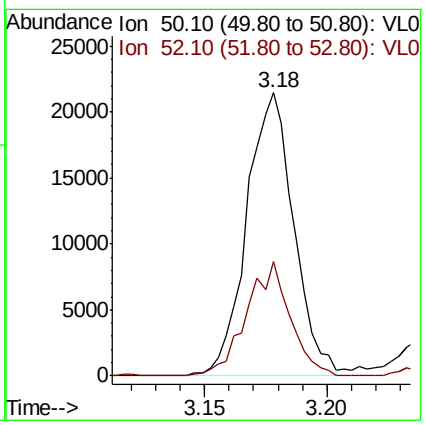


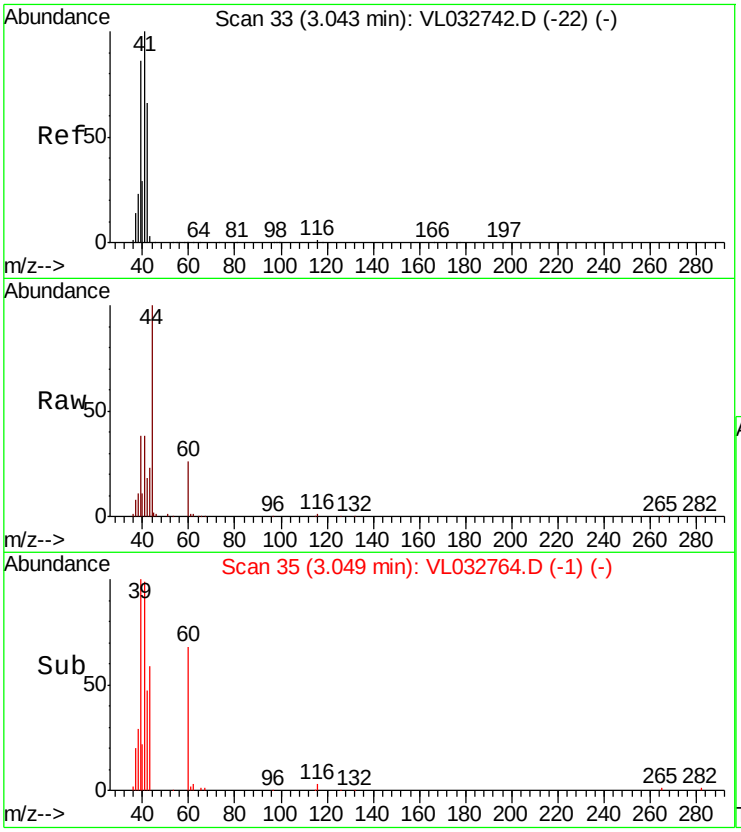


#4
Chloromethane
Concen: 0.484 ppbv
RT: 3.18 min Scan# 75
Delta R.T. 0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 50 Resp: 28687

Ion	Ratio	Lower	Upper
50	100		
52	40.4	26.6	40.0#





#9
Propene
Concen: 1.503 ppbv m
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 41 Resp: 64217

Ion	Ratio	Lower	Upper
41	100		
42	140.4	55.0	82.6#

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED
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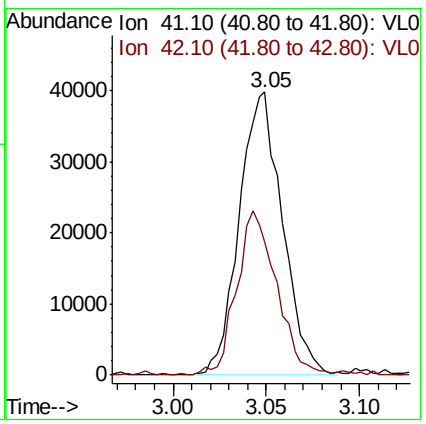
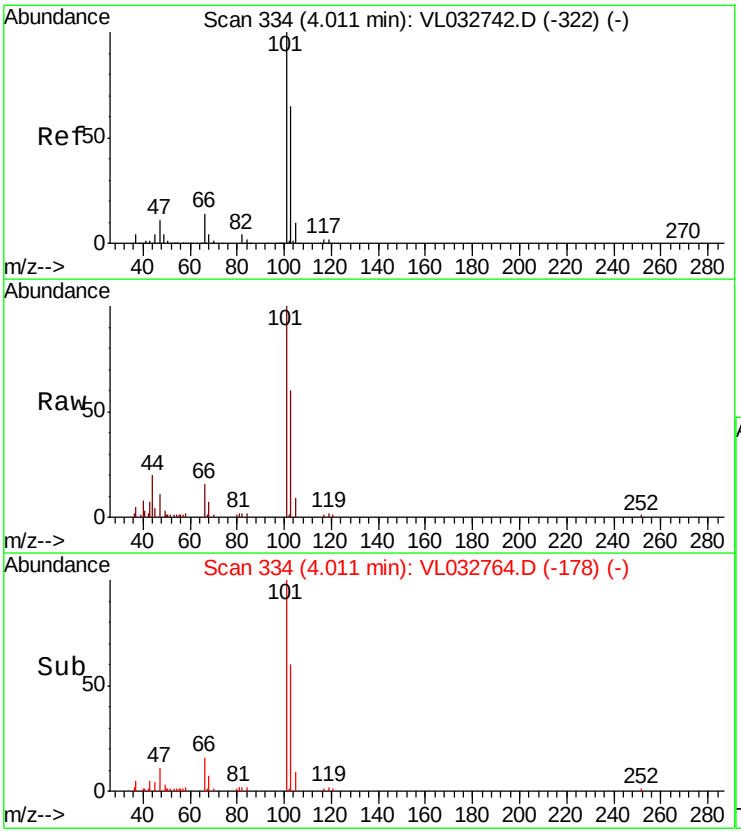
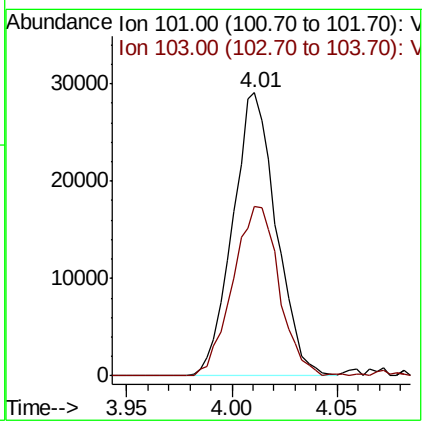


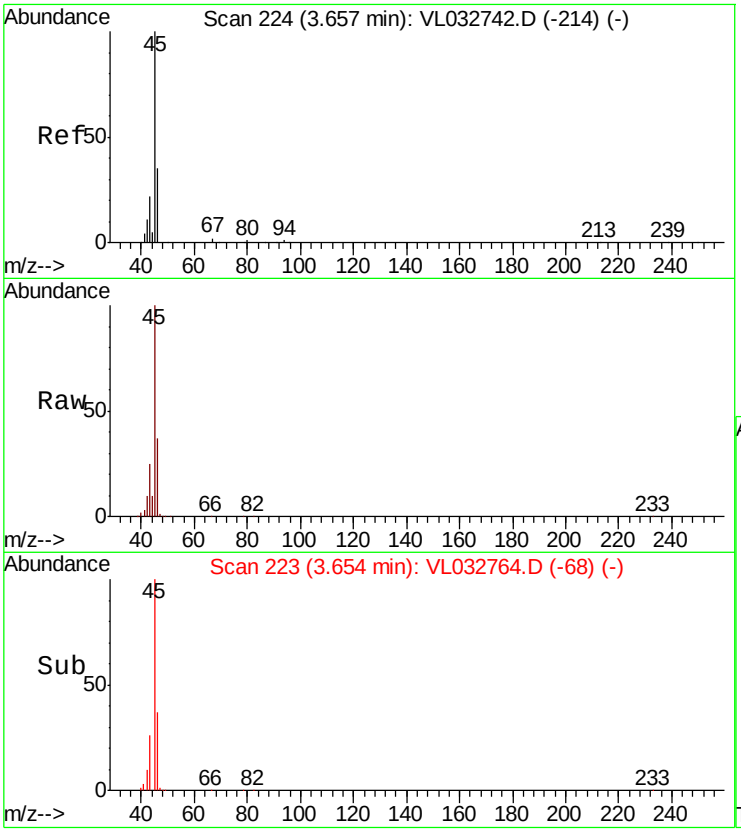


#11
Trichlorofluoromethane
Concen: 0.228 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion:101 Resp: 41646

Ion	Ratio	Lower	Upper
101	100		
103	59.7	51.6	77.4

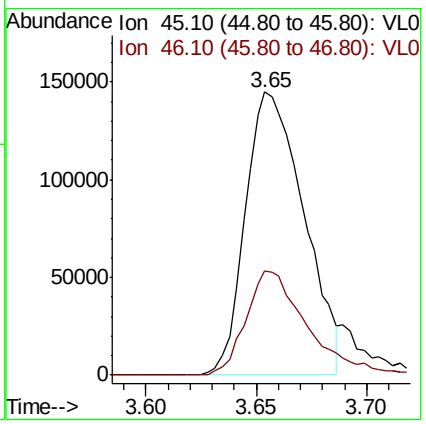




#13
Ethanol
Concen: 19.032 ppbv
RT: 3.65 min Scan# 223
Delta R.T. -0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 45 Resp: 266409

Ion	Ratio	Lower	Upper
45	100		
46	39.3	14.5	57.9



Instrument :
MSVOA_L
ClientSampleId :
OA1

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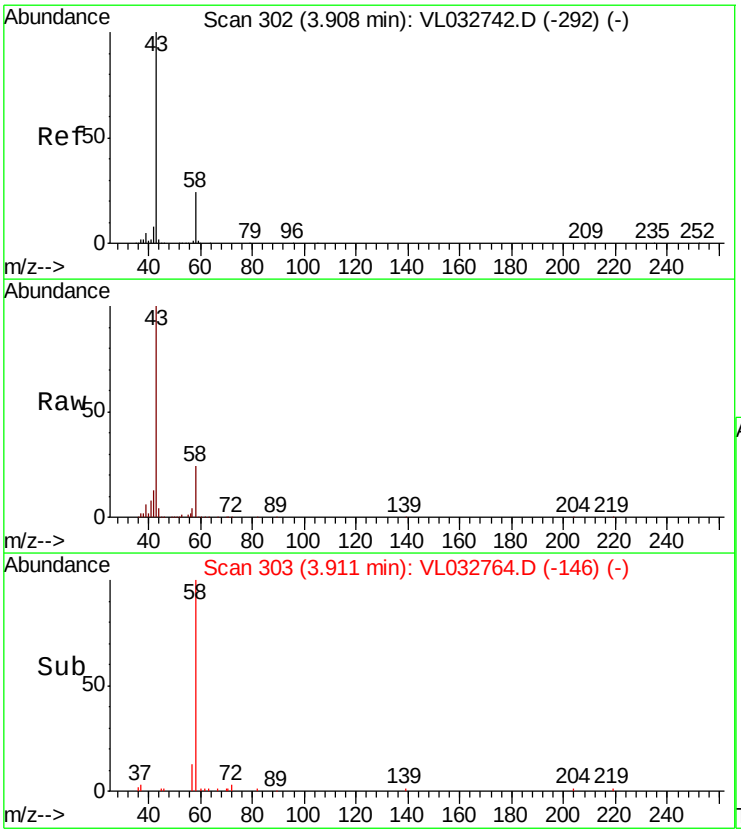
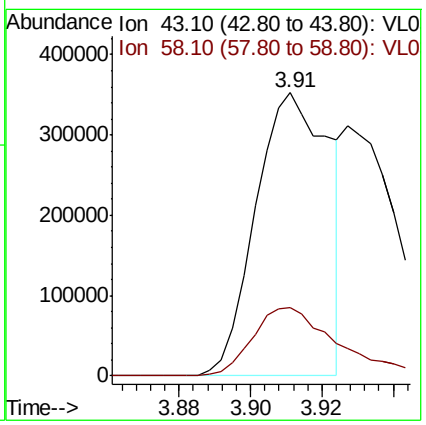
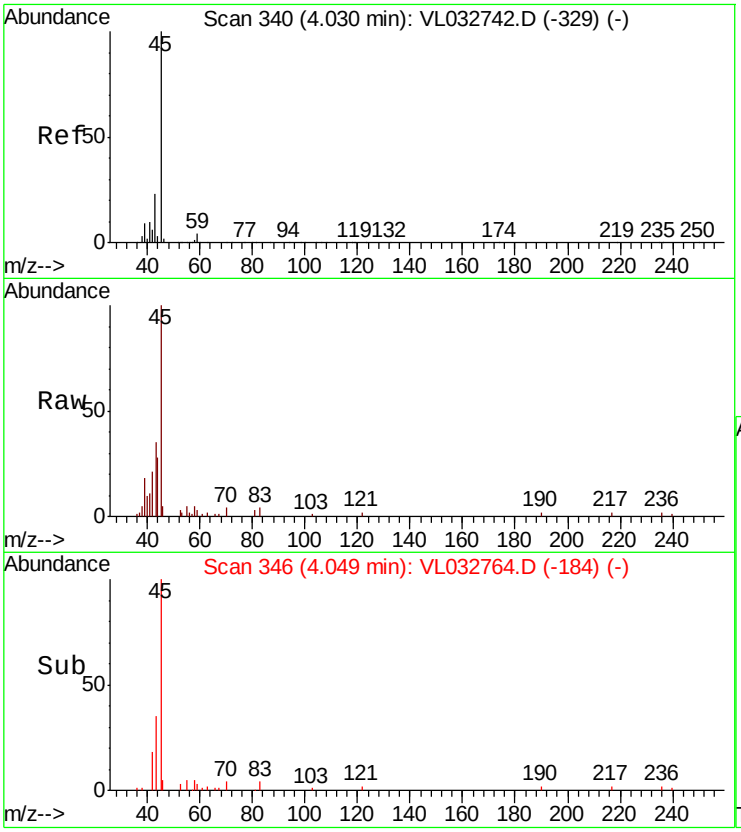


#15
Acetone
Concen: 4.089 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 43 Resp: 503030

Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.1	31.7





#19
Isopropyl Alcohol
Concen: 0.382 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.02 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 45 Resp: 31321

Ion	Ratio	Lower	Upper
45	100		
58	455.6	1.4	2.0#

Instrument :
MSVOA_L
ClientSampleId :
OA1

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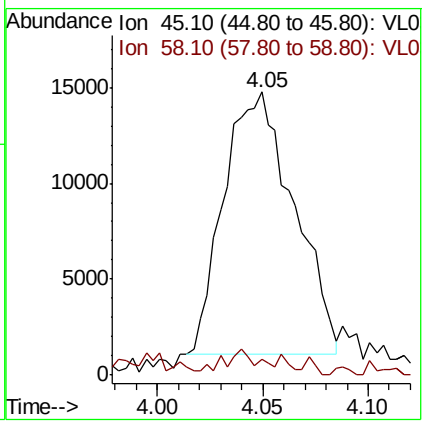
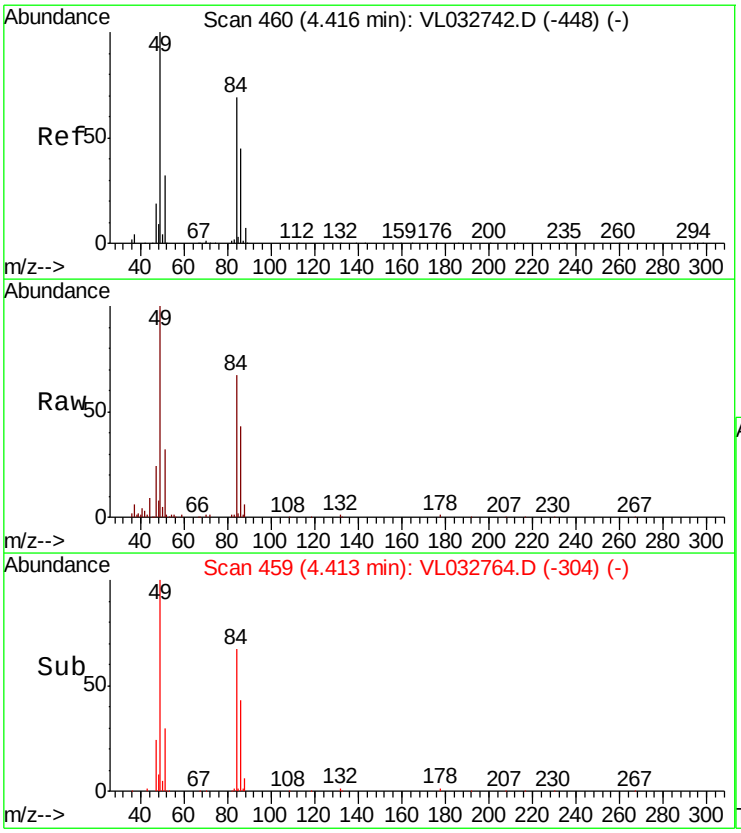
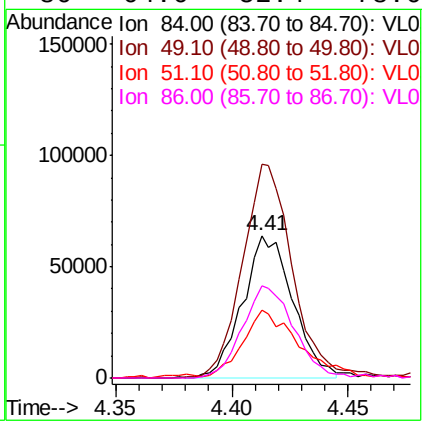


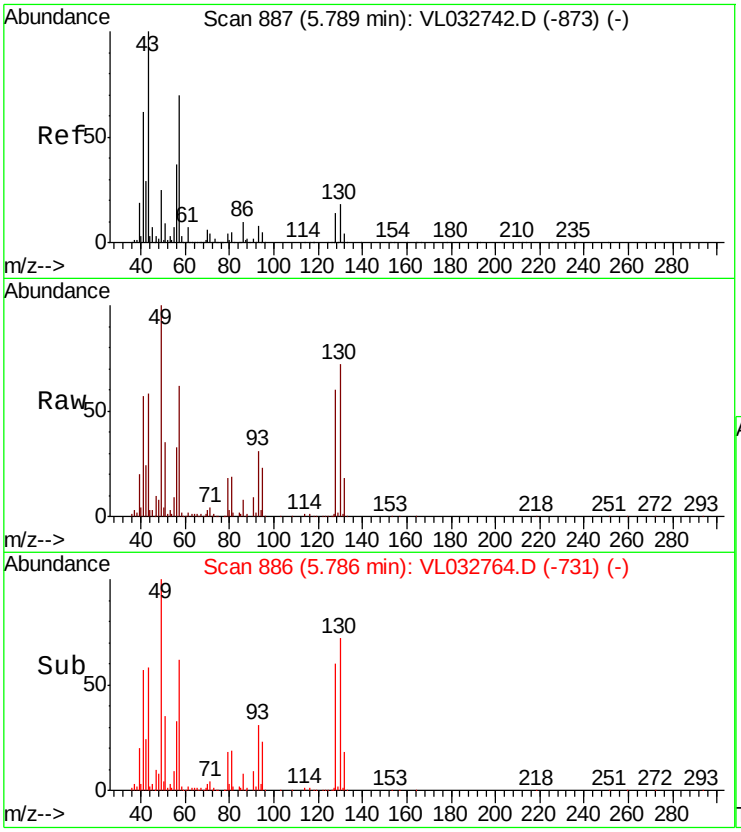


#20
Methylene Chloride
Concen: 1.501 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 84 Resp: 95567

Ion	Ratio	Lower	Upper
84	100		
49	149.5	115.8	173.6
51	45.3	36.9	55.3
86	64.6	52.4	78.6

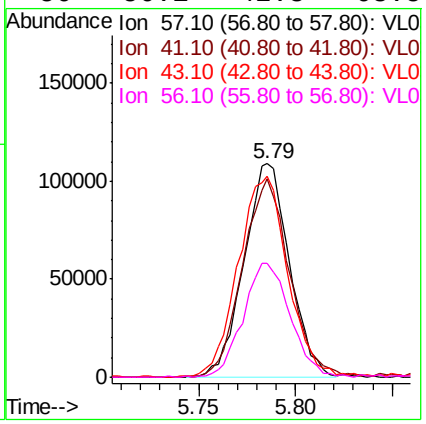




#26
Hexane
Concen: 1.394 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 57 Resp: 177934

Ion	Ratio	Lower	Upper
57	100		
41	96.2	70.3	105.5
43	104.0	174.0	261.0#
56	56.1	42.3	63.5



Instrument :
MSVOA_L
ClientSampleId :
OA1

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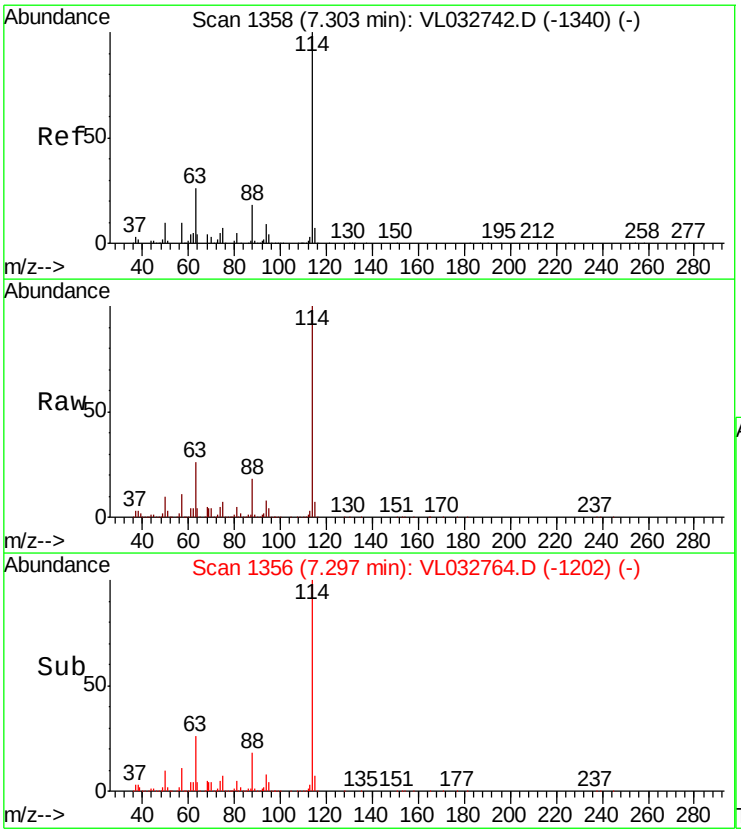
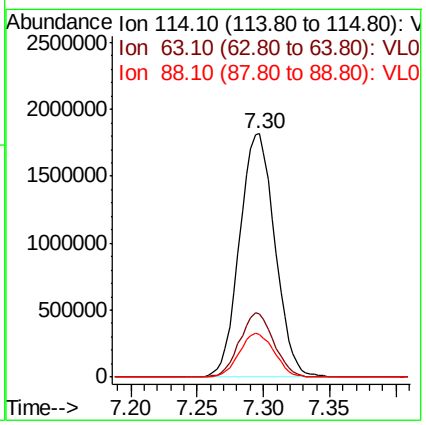
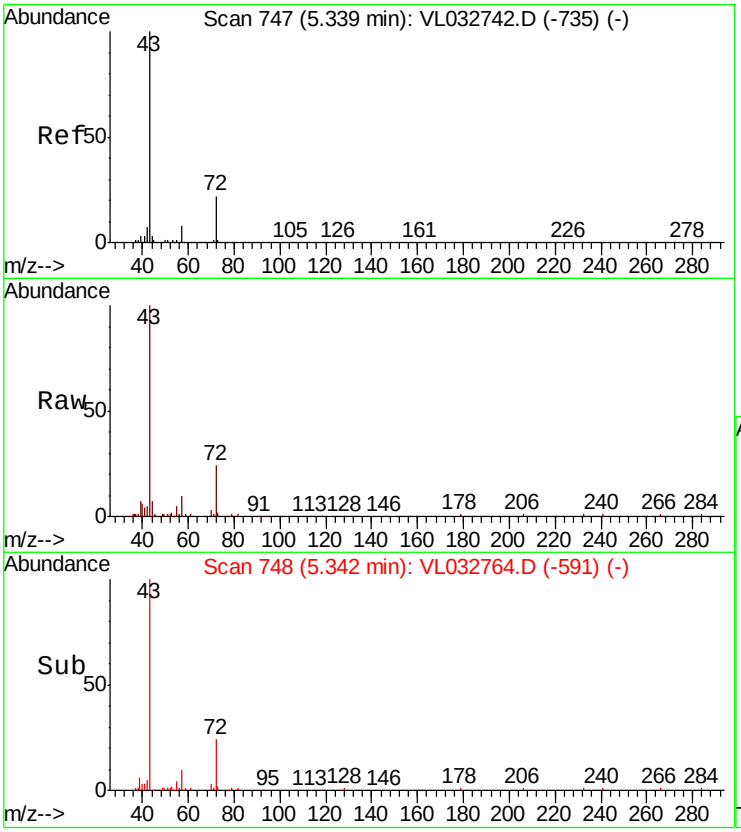


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion:114 Resp: 3374957

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.9	31.3
88	17.8	14.4	21.6





#34
2-Butanone
Concen: 0.383 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 43 Resp: 67130

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED
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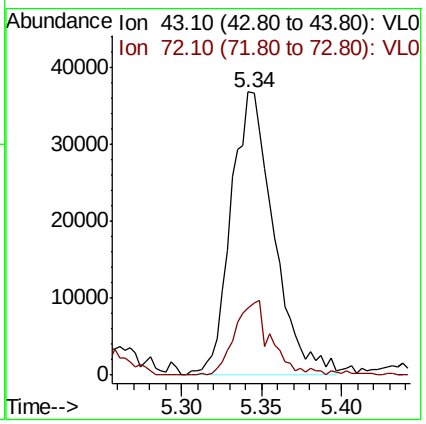
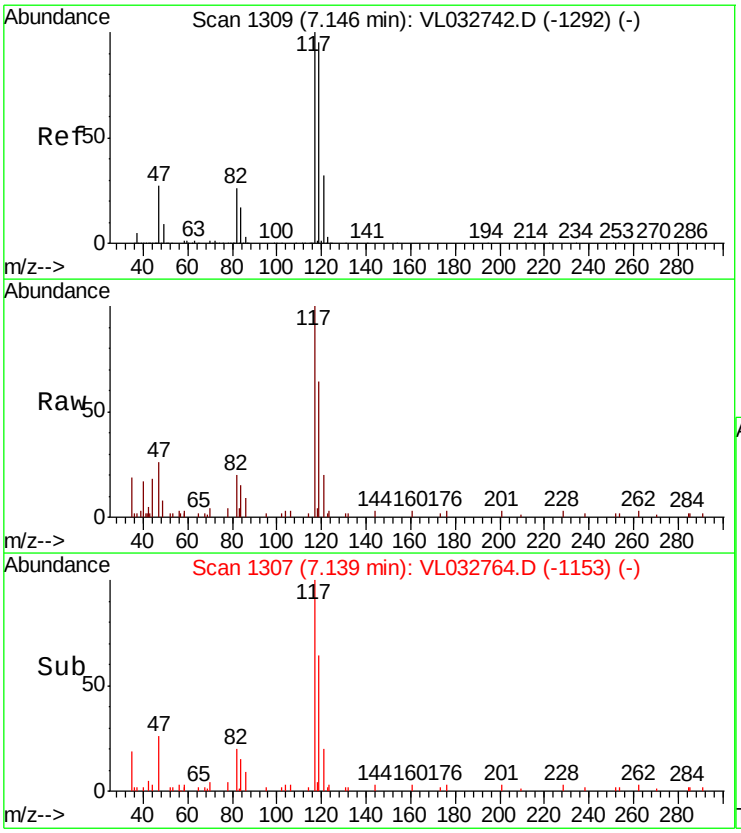
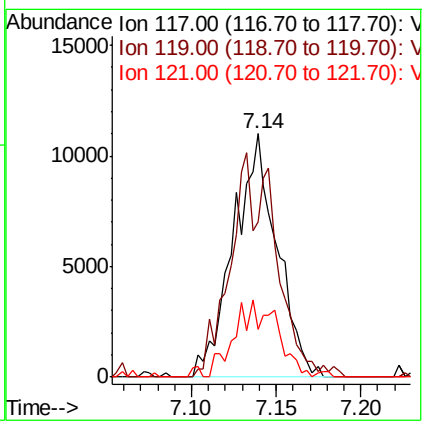


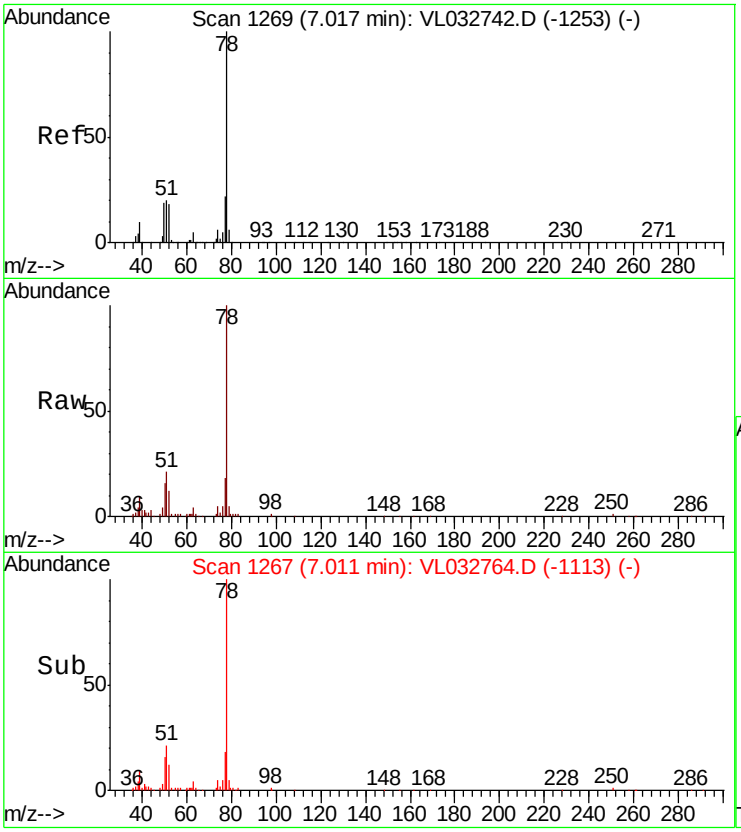


#35
Carbon Tetrachloride
Concen: 0.073 ppbv m
RT: 7.14 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion:117 Resp: 19709

Ion	Ratio	Lower	Upper
117	100		
119	63.9	76.1	114.1#
121	19.7	25.4	38.0#

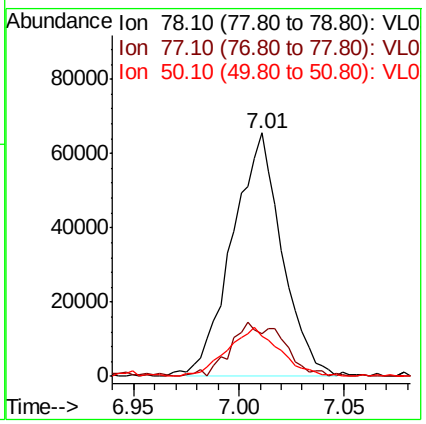




#36
Benzene
Concen: 0.396 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 78 Resp: 106369

Ion	Ratio	Lower	Upper
78	100		
77	16.9	17.8	26.8#
50	15.8	15.4	23.0



Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED
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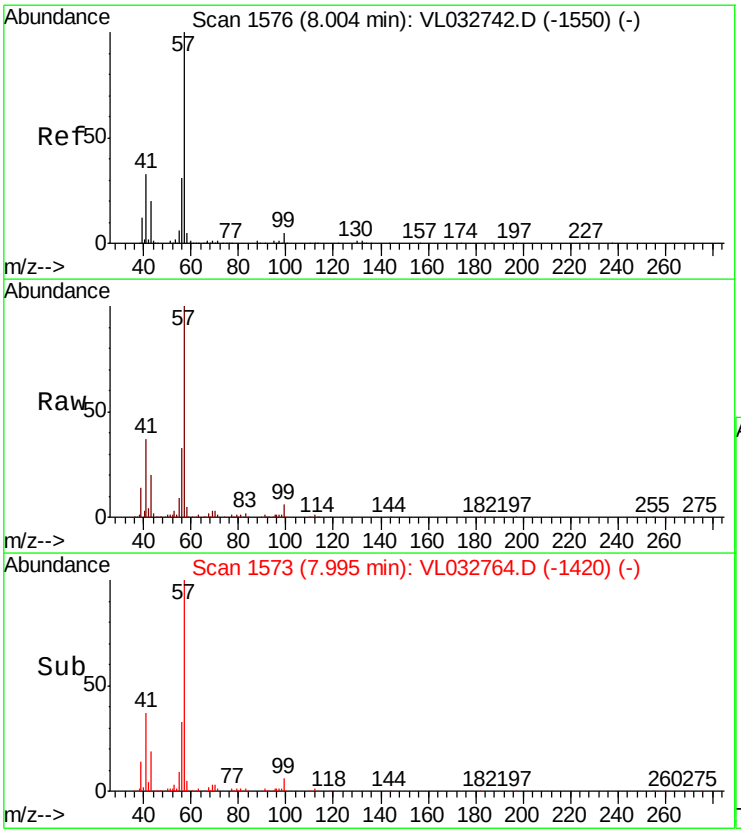
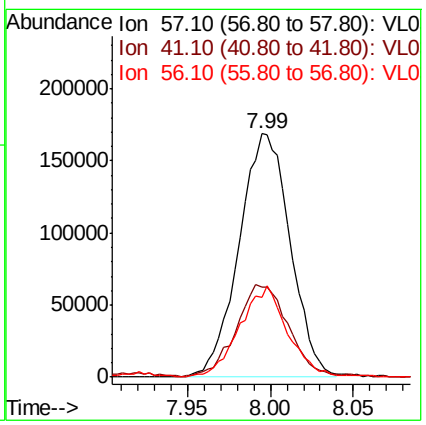
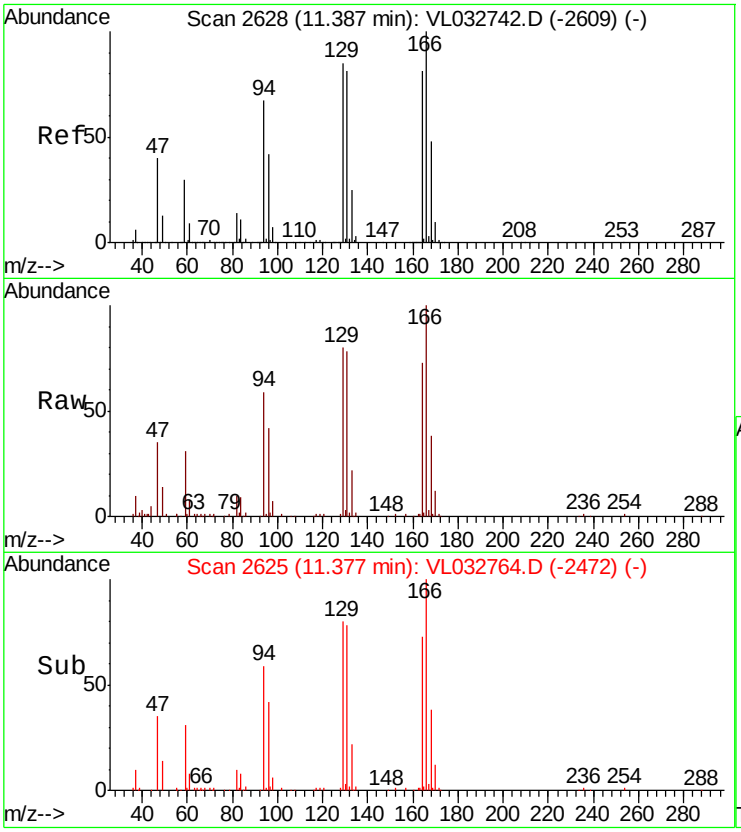


#44
2,2,4-Trimethylpentane
Concen: 0.806 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 57 Resp: 362001

Ion	Ratio	Lower	Upper
57	100		
41	40.1	26.6	39.8#
56	35.6	24.8	37.2

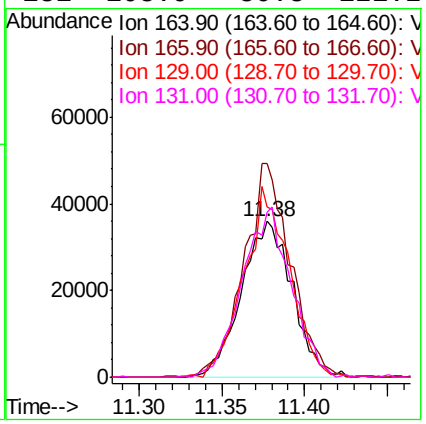




#52
Tetrachloroethene
Concen: 0.814 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion:164 Resp: 76119

Ion	Ratio	Lower	Upper
164	100		
166	137.3	99.3	148.9
129	108.7	83.9	125.9
131	108.9	80.8	121.2



Instrument :
MSVOA_L
ClientSampleId :
OA1

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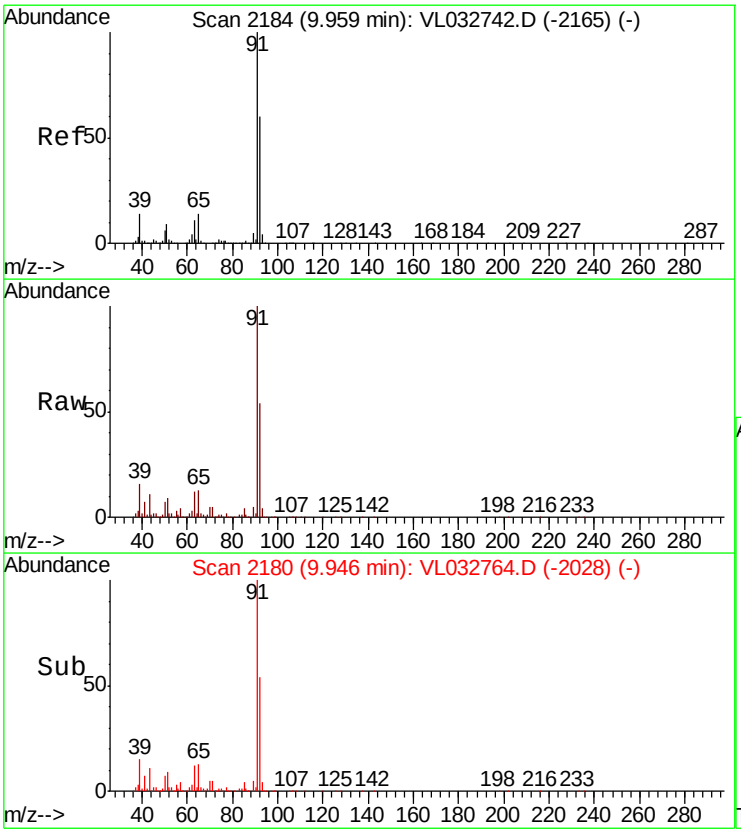
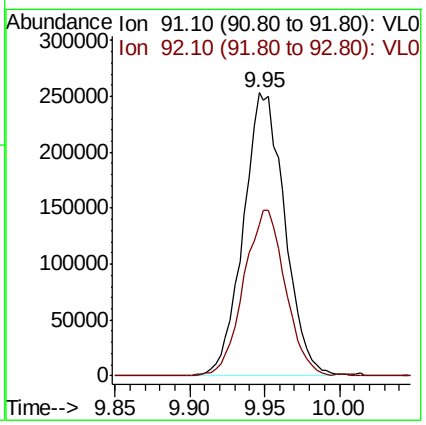
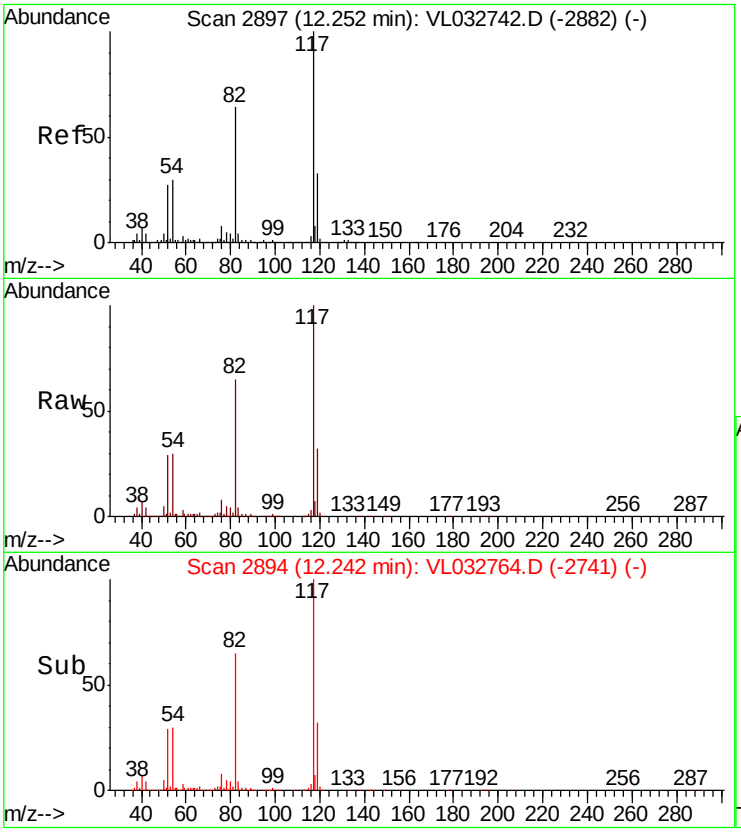


#53
Toluene
Concen: 1.734 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 91 Resp: 486202

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.9	71.9

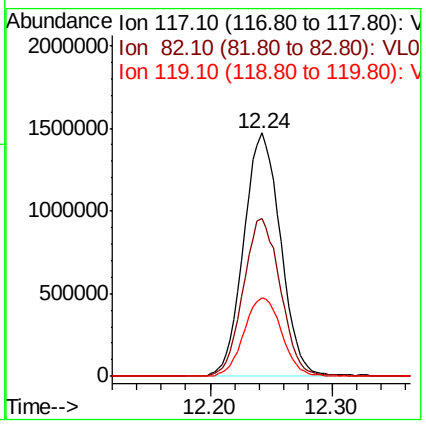




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion:117 Resp: 3068536

Ion	Ratio	Lower	Upper
117	100		
82	65.6	51.0	76.6
119	33.1	28.0	42.0



Instrument :
MSVOA_L
ClientSampleId :
OA1

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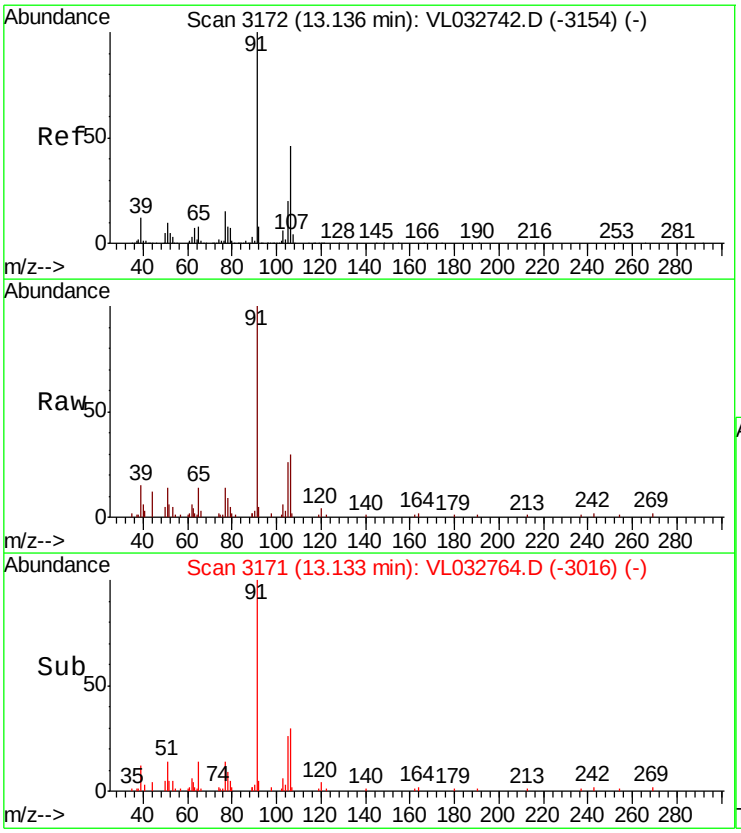
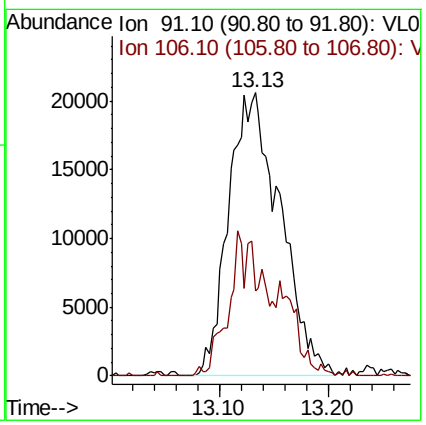
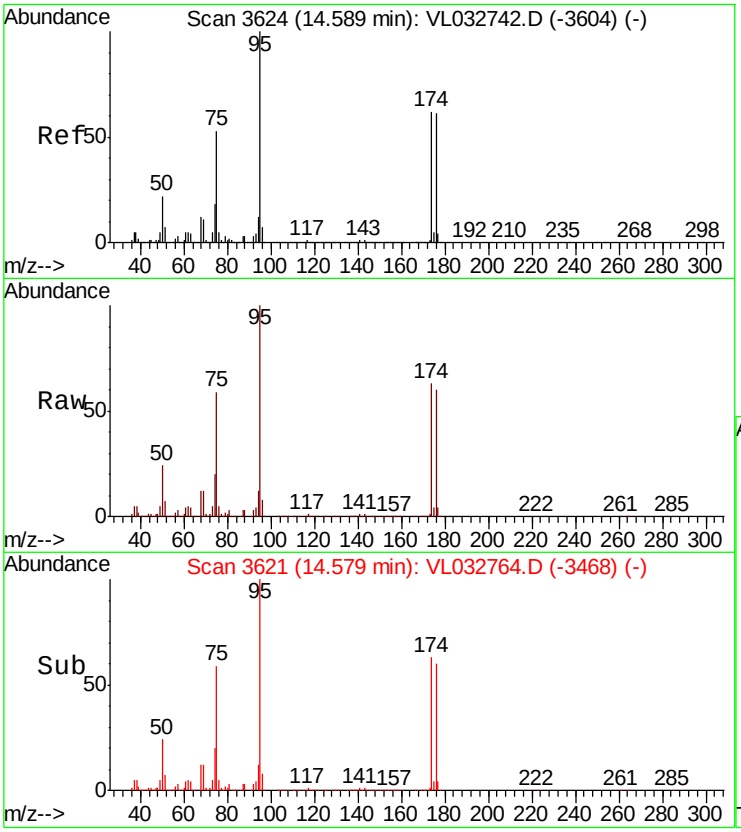


#59
m/p-Xylene
Concen: 0.207 ppbv m
RT: 13.13 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 91 Resp: 68028

Ion	Ratio	Lower	Upper
91	100		
106	45.9	36.1	54.1

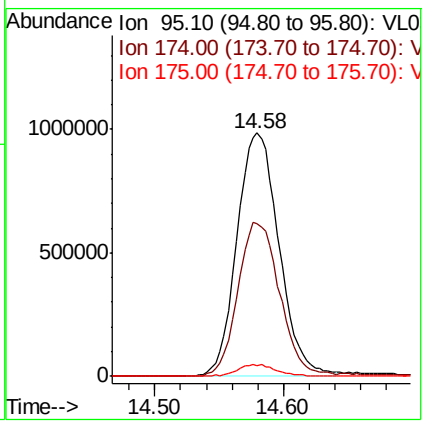




#68
1-Bromo-4-Fluorobenzene
Concen: 9.772 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032764.D
Acq: 14 Nov 2018 18:26

Tgt Ion: 95 Resp: 2242791

Ion	Ratio	Lower	Upper
95	100		
174	64.5	50.7	76.1
175	4.5	3.8	5.6



Instrument :
MSVOA_L
ClientSampleId :
OA1

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