Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\
Data File : VL032901.D
Acq On : 5 Dec 2018 7:13
Operator : SY/AP
Sample : J6177-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIELE-DUPDL

Manual Integrations APPROVED
MMDadoda
12/10/2018 1:02:07 PM

Quant Time: Dec 05 08:38:24 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	5.76	49	1474587	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	3569692	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	3674061	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2646337	9.63	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.30%				
Target Compounds							Qvalue
9) Propene	3.04	41	135332	2.893	ppbv		94
13) Ethanol	3.66	45	94189m	6.147	ppbv		
15) Acetone	3.91	43	626533	4.653	ppbv	#	73
20) Methylene Chloride	4.41	84	34372m	0.493	ppbv		
26) Hexane	5.78	57	64709m	0.463	ppbv		
27) Carbon Disulfide	4.62	76	54310	0.307	ppbv	#	55
34) 2-Butanone	5.33	43	2080557	11.237	ppbv		100
36) Benzene	7.01	78	31703m	0.112	ppbv		
51) 2-Hexanone	10.30	43	102462m	0.550	ppbv		
53) Toluene	9.96	91	29604m	0.100	ppbv		
59) m/p-Xylene	13.12	91	110547m	0.281	ppbv		
60) o-Xylene	13.86	91	44860m	0.113	ppbv		

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

Quantitation Report (QT Reviewed)

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QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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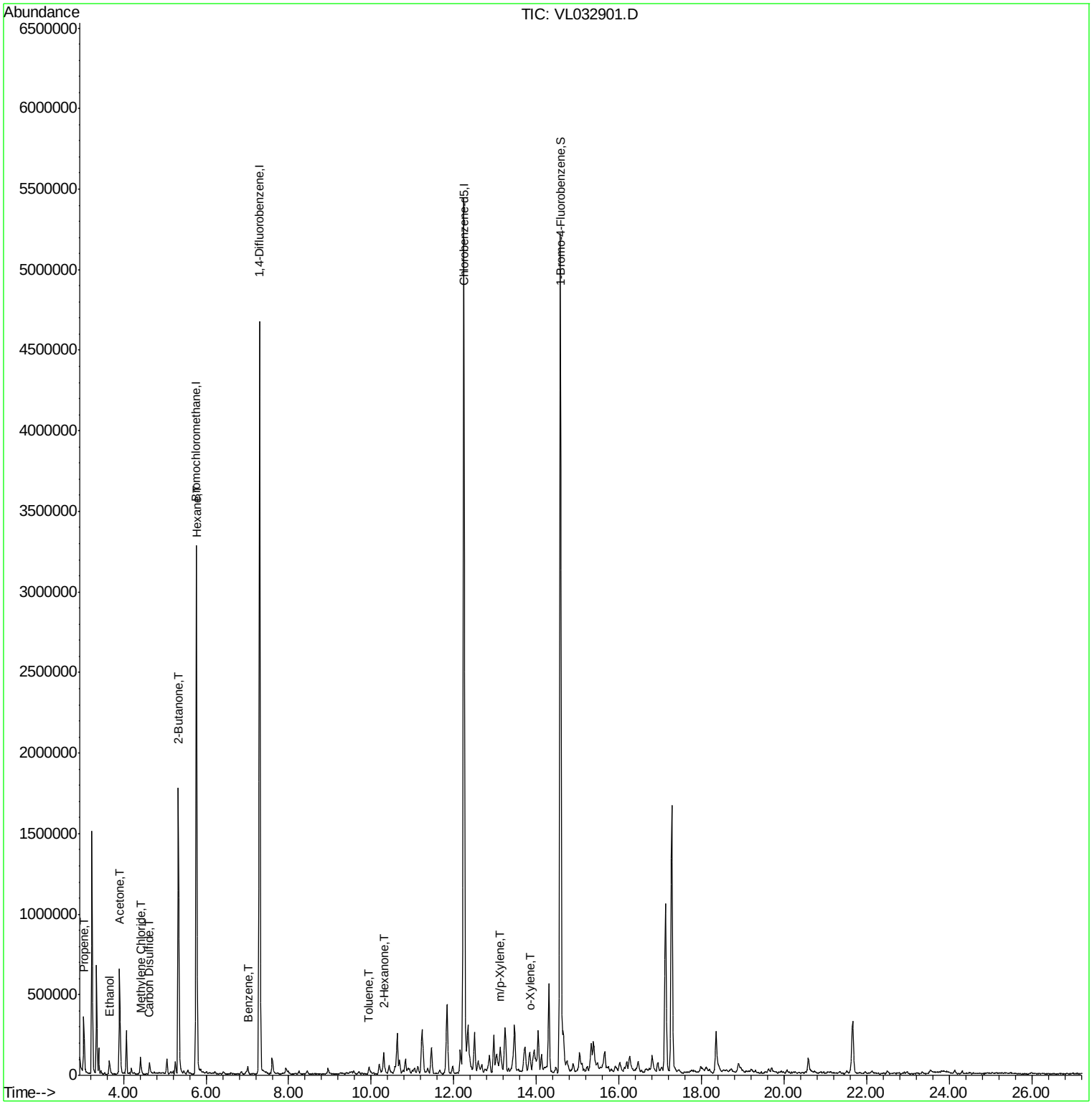
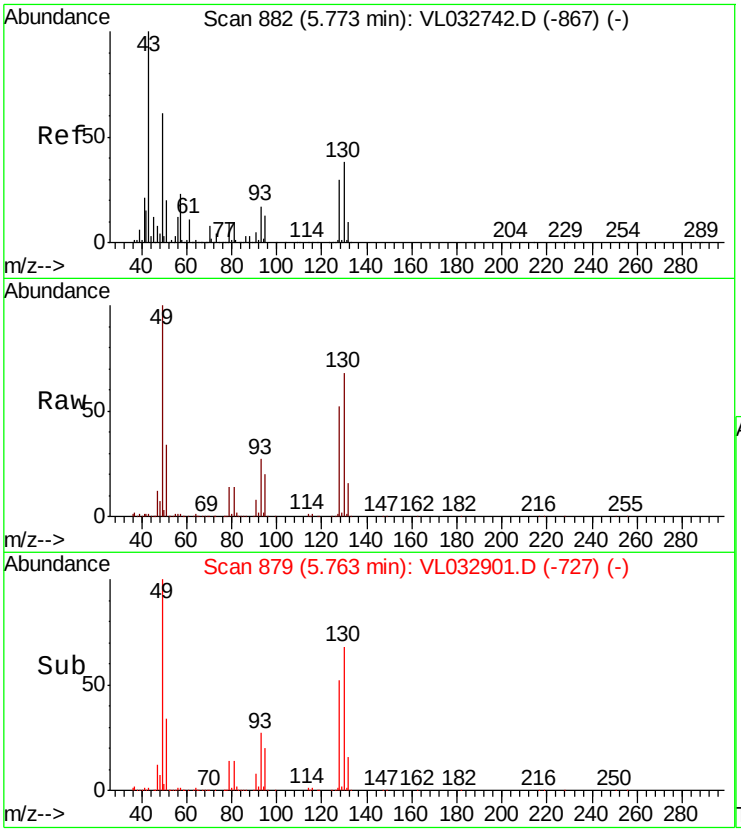
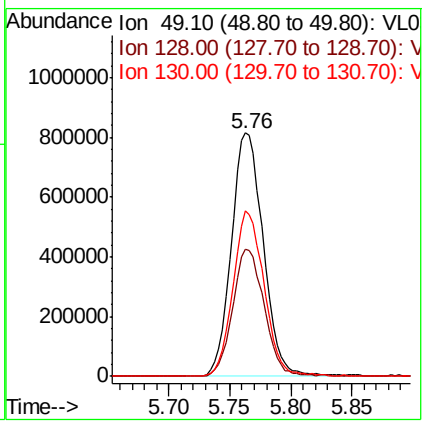




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 49 Resp: 1474587

Ion	Ratio	Lower	Upper
49	100		
128	52.0	24.9	74.6
130	66.7	31.4	94.2



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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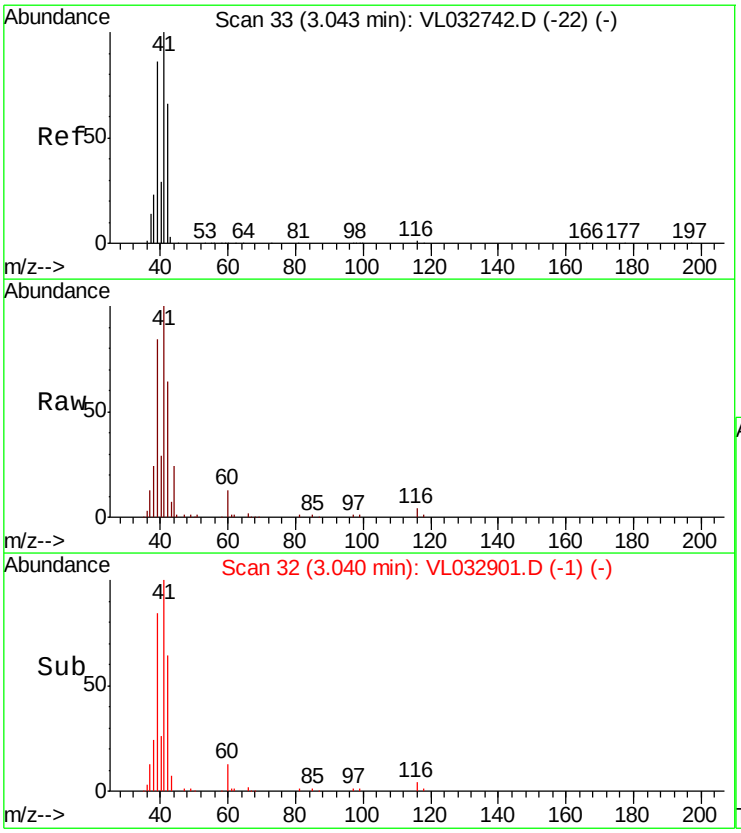
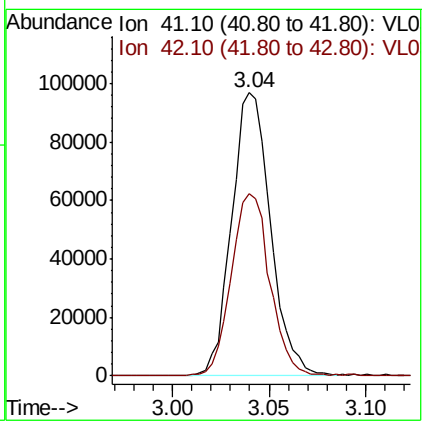
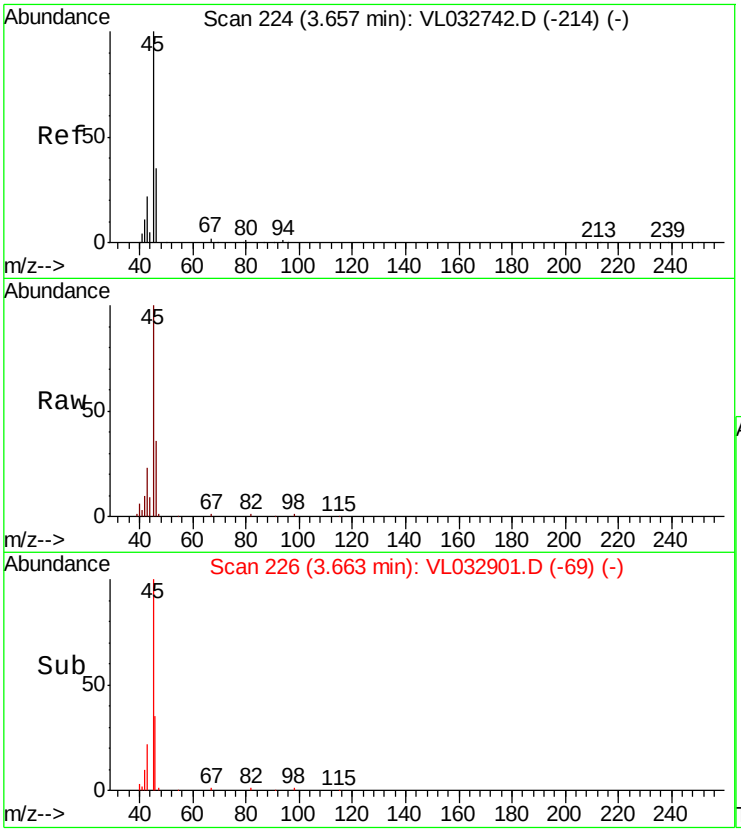


#9
Propene
Concen: 2.893 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 41 Resp: 135332

Ion	Ratio	Lower	Upper
41	100		
42	64.2	55.0	82.6

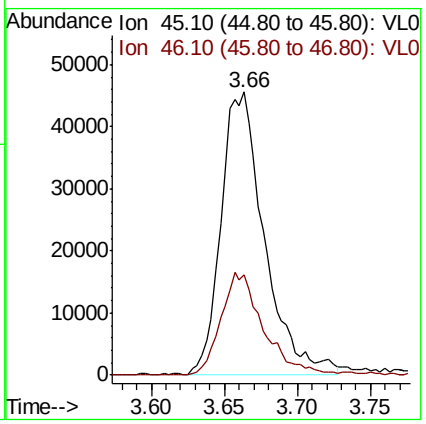




#13
Ethanol
Concen: 6.147 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 45 Resp: 94189

Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.5	57.9



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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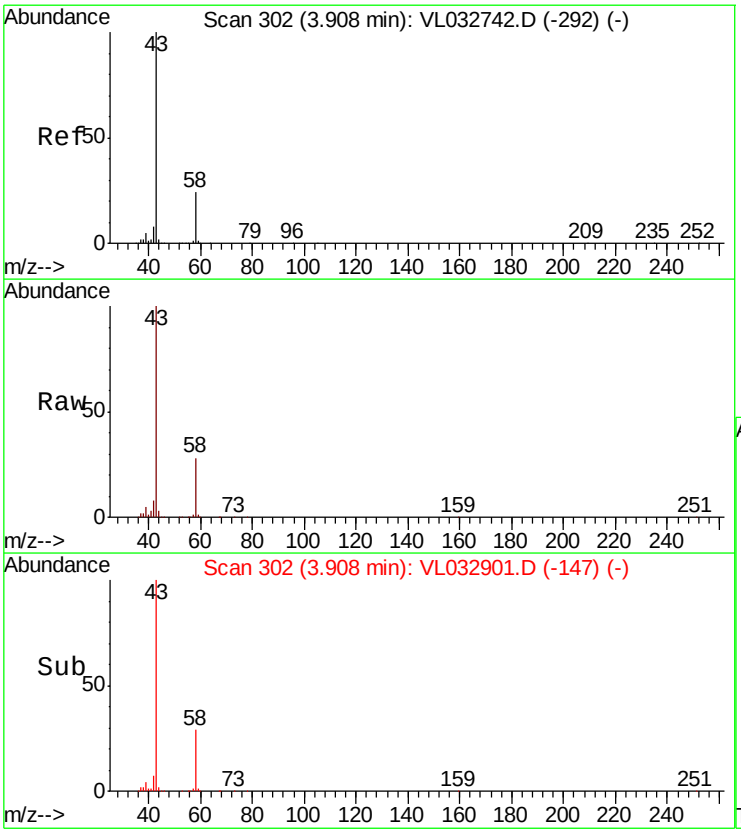
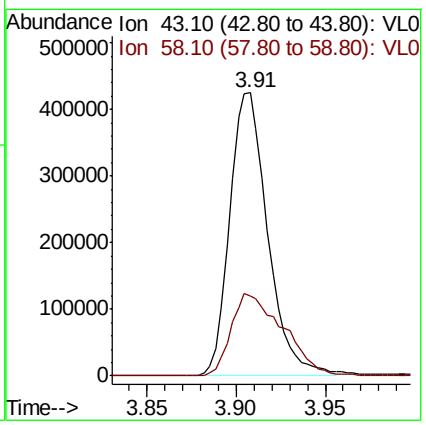
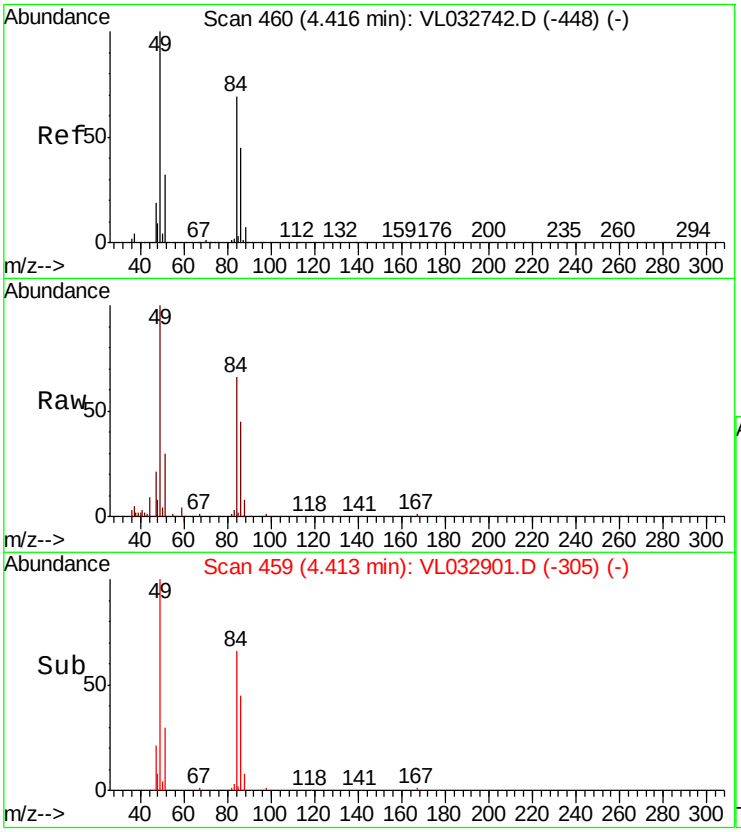


#15
Acetone
Concen: 4.653 ppbv
RT: 3.91 min Scan# 302
Delta R.T. -0.00 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 43 Resp: 626533

Ion	Ratio	Lower	Upper
43	100		
58	40.4	21.1	31.7#

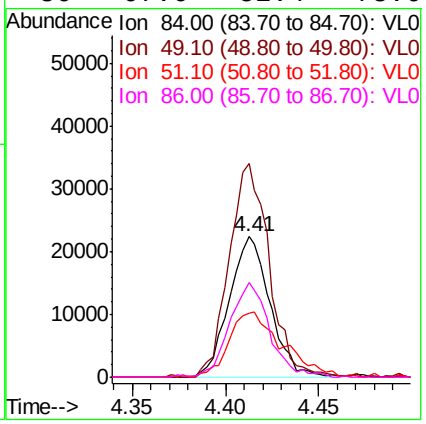




#20
Methylene Chloride
Concen: 0.493 ppbv m
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 84 Resp: 34372

Ion	Ratio	Lower	Upper
84	100		
49	151.9	115.8	173.6
51	45.9	36.9	55.3
86	67.6	52.4	78.6



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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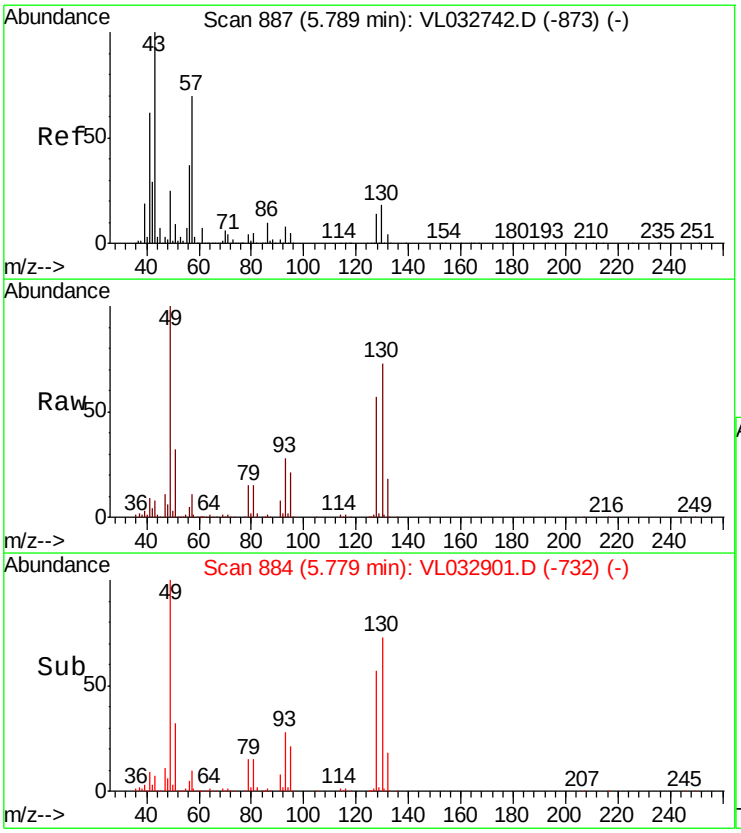
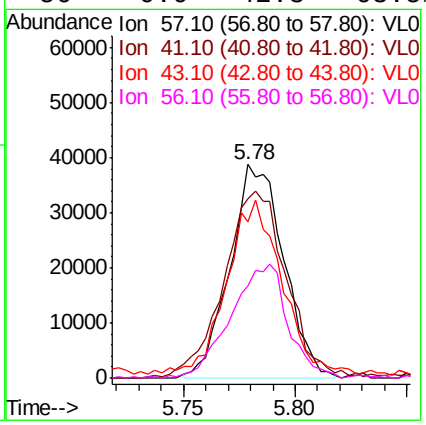
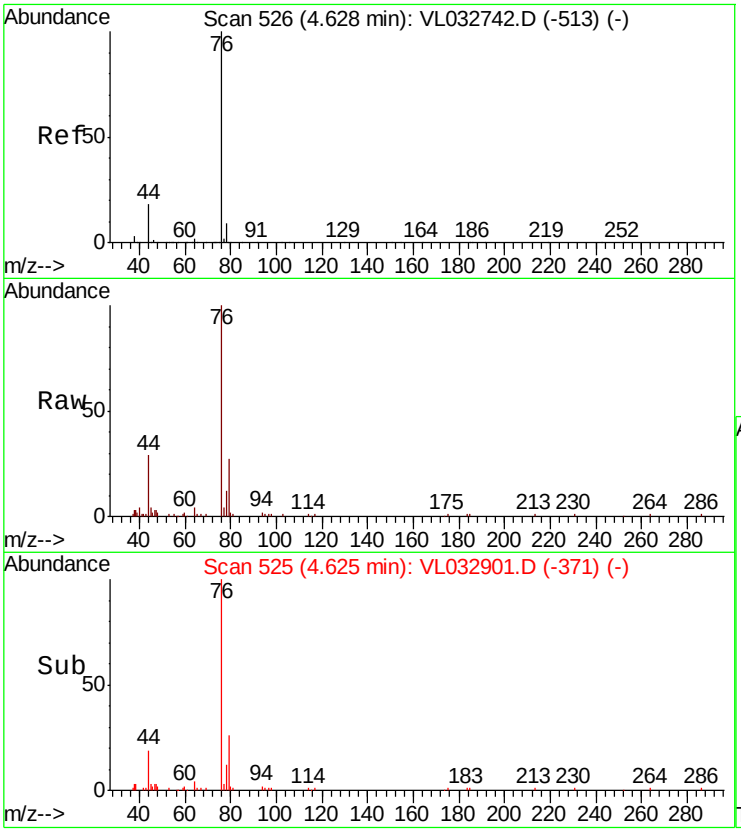


#26
Hexane
Concen: 0.463 ppbv m
RT: 5.78 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 57 Resp: 64709

Ion	Ratio	Lower	Upper
57	100		
41	0.0	70.3	105.5#
43	0.0	174.0	261.0#
56	0.0	42.3	63.5#





#27
Carbon Disulfide
Concen: 0.307 ppbv
RT: 4.62 min Scan# 525
Delta R.T. -0.00 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 76 Resp: 54310

Ion	Ratio	Lower	Upper
76	100		
44	46.5	14.4	21.6#
78	12.5	7.7	11.5#

Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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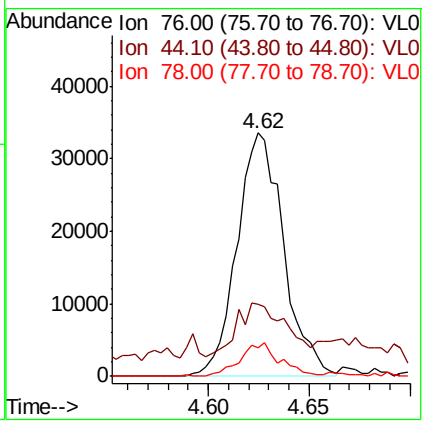
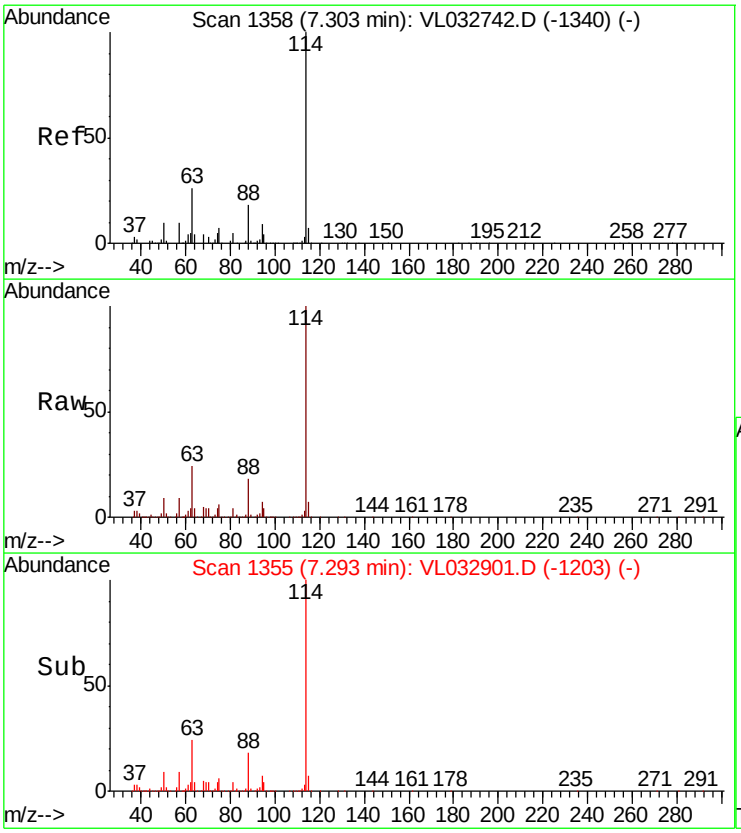
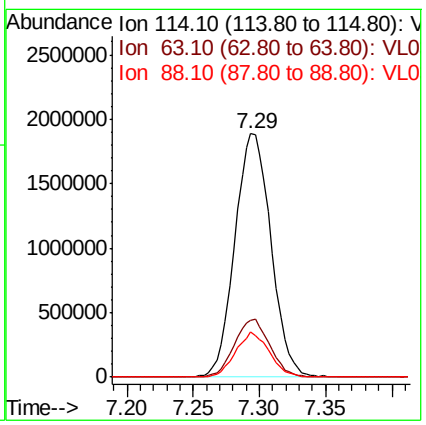


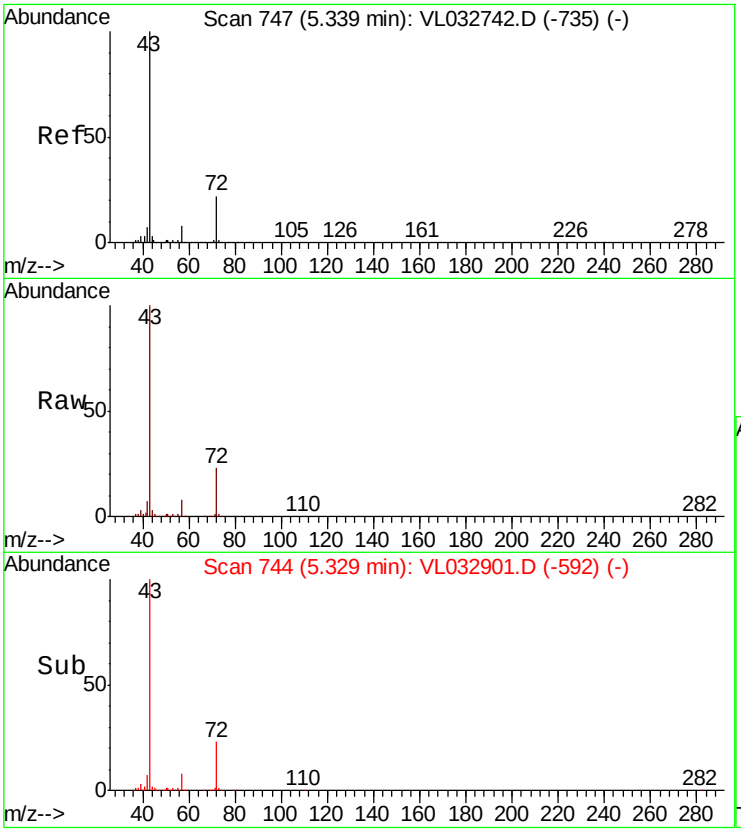


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion:114 Resp: 3569692

Ion	Ratio	Lower	Upper
114	100		
63	23.4	20.9	31.3
88	17.4	14.4	21.6

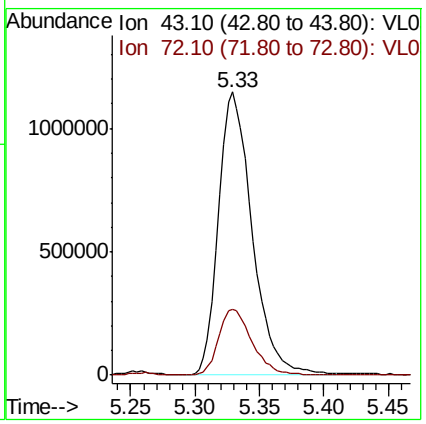




#34
2-Butanone
Concen: 11.237 ppbv
RT: 5.33 min Scan# 744
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 43 Resp: 2080557

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.4	27.6



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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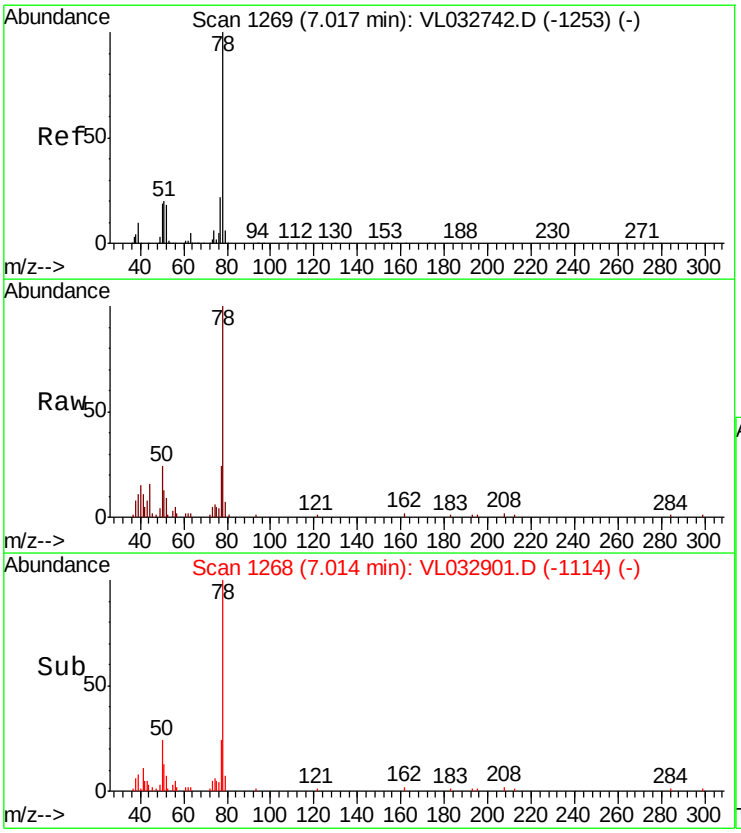
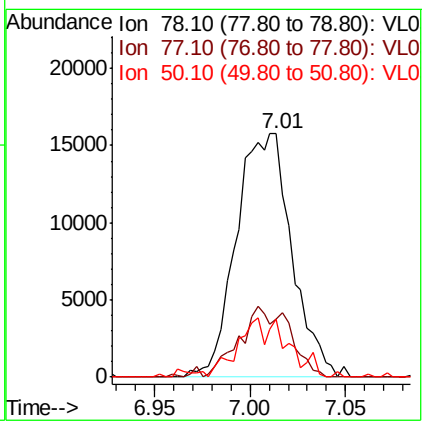
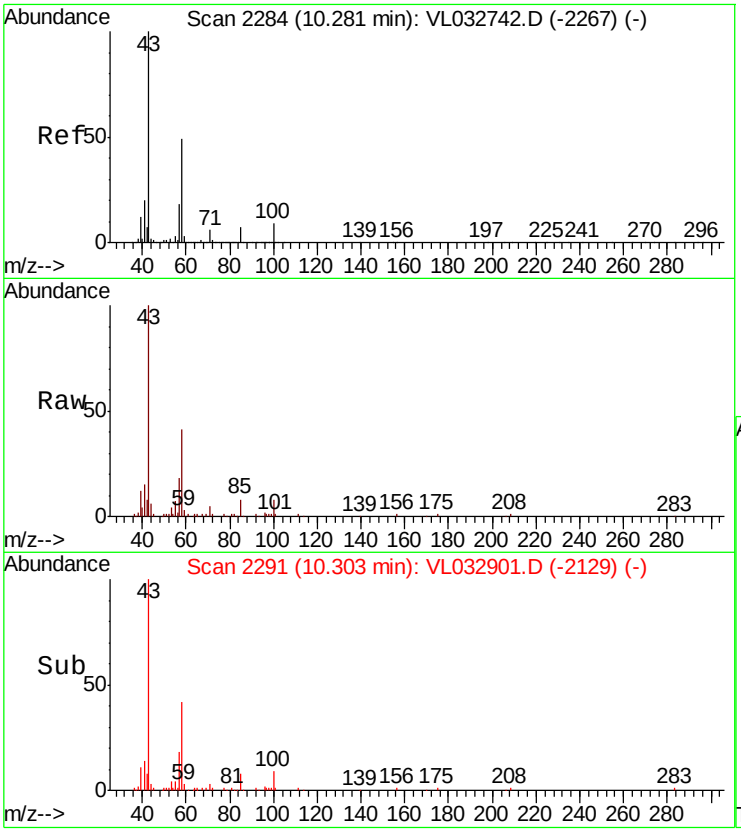


#36
Benzene
Concen: 0.112 ppbv m
RT: 7.01 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 78 Resp: 31703

Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.8	26.8
50	23.6	15.4	23.0#

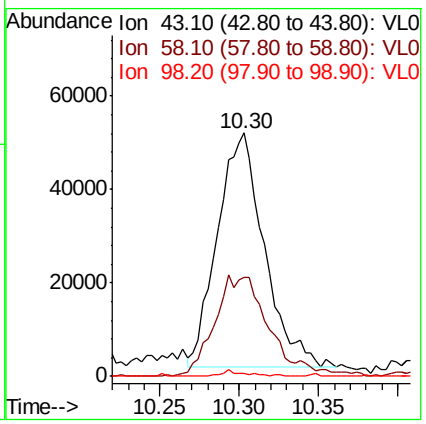




#51
2-Hexanone
Concen: 0.550 ppbv m
RT: 10.30 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 43 Resp: 102462

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.9	58.3#
98	0.0	0.2	0.4#



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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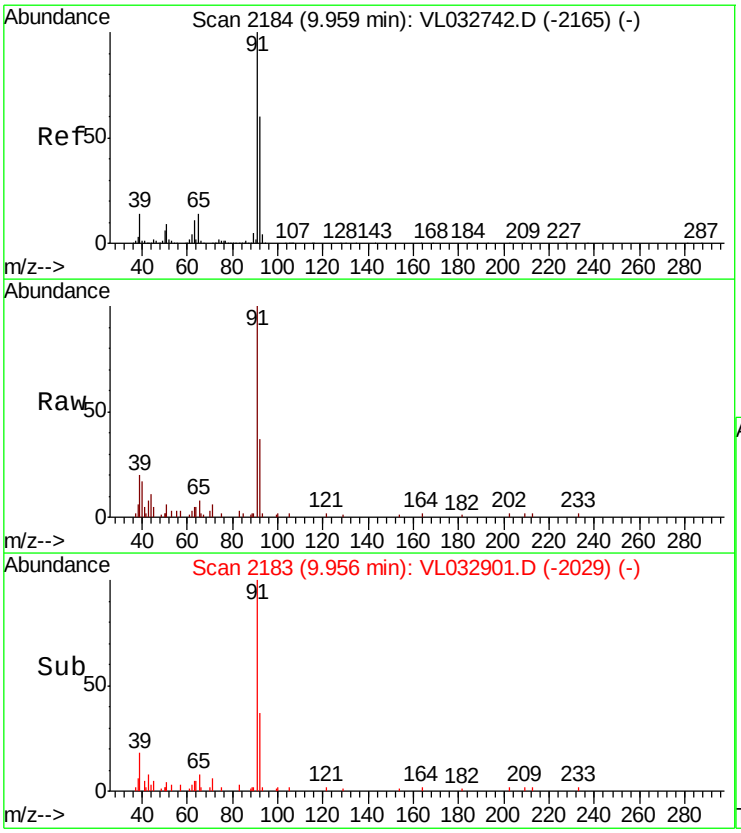
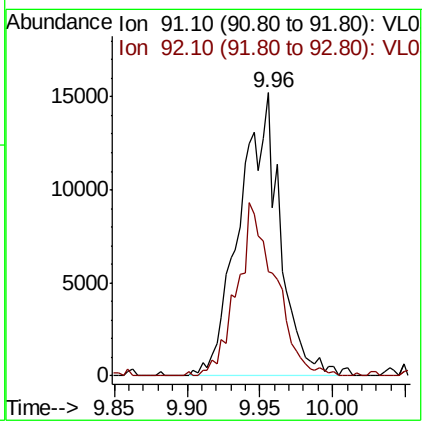
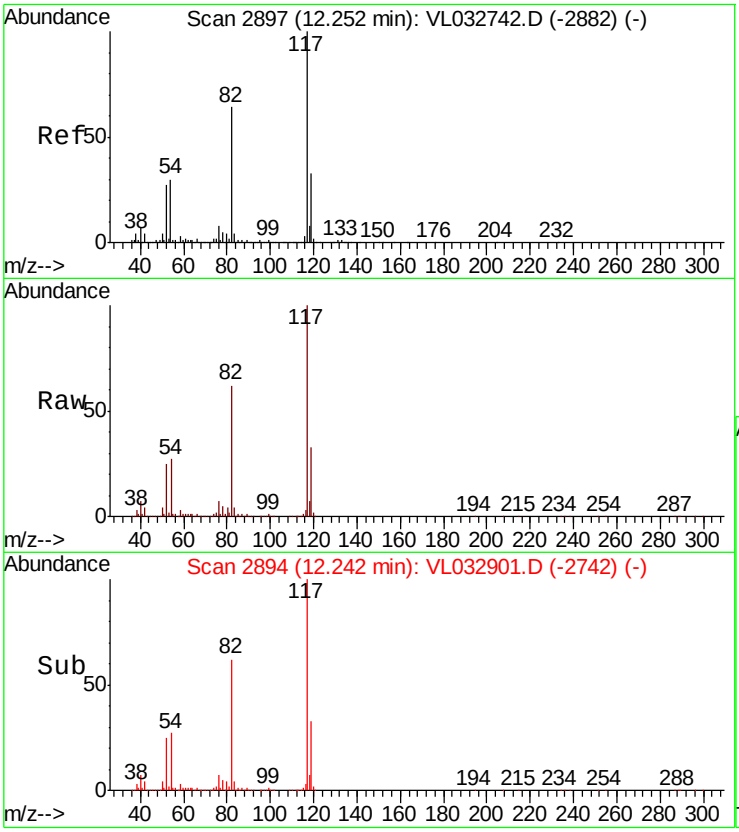


#53
Toluene
Concen: 0.100 ppbv m
RT: 9.96 min Scan# 2183
Delta R.T. -0.00 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 91 Resp: 29604

Ion	Ratio	Lower	Upper
91	100		
92	57.9	47.9	71.9

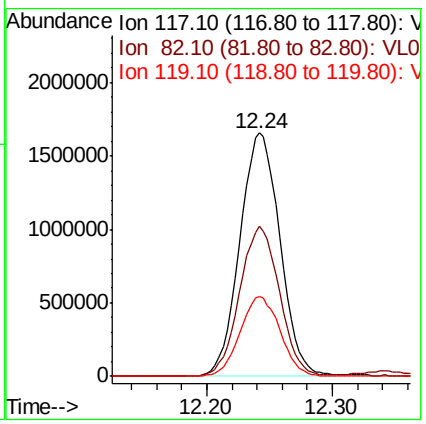




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion:117 Resp: 3674061

Ion	Ratio	Lower	Upper
117	100		
82	61.4	51.0	76.6
119	32.7	28.0	42.0



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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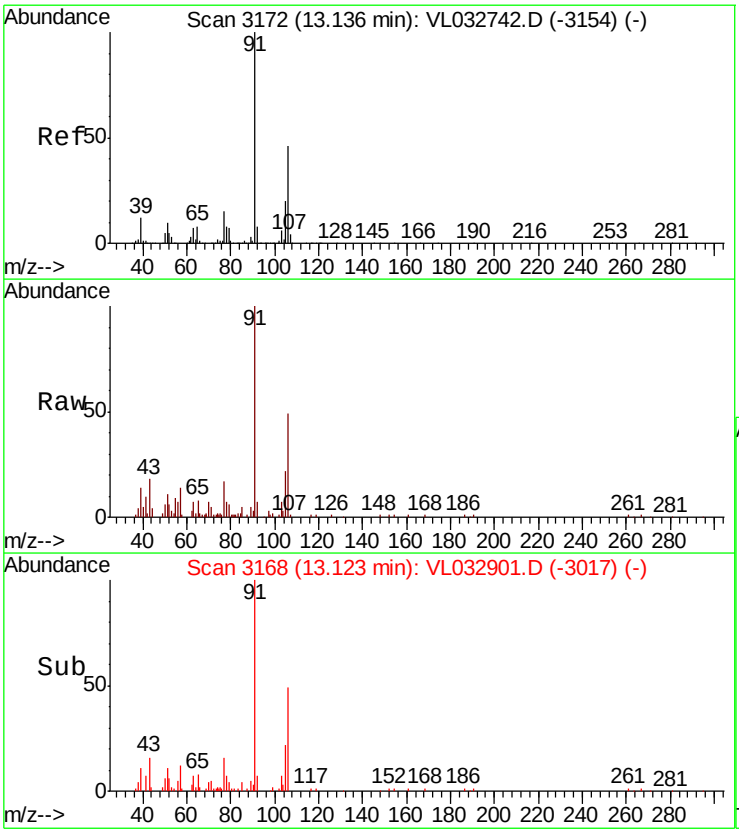
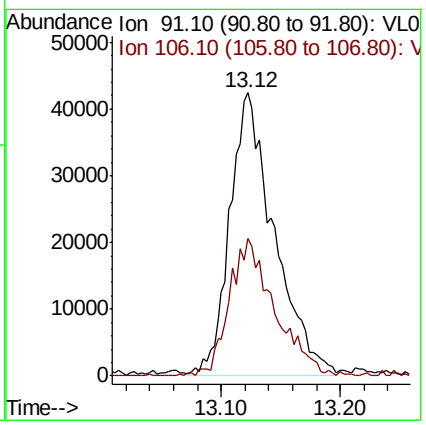
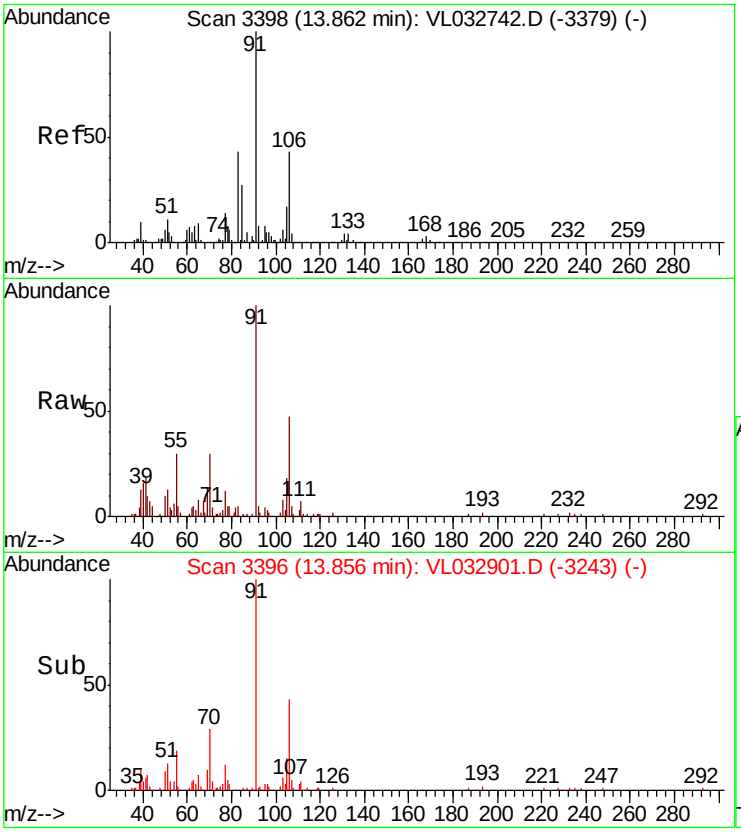


#59
m/p-Xylene
Concen: 0.281 ppbv m
RT: 13.12 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 91 Resp: 110547

Ion	Ratio	Lower	Upper
91	100		
106	49.5	36.1	54.1

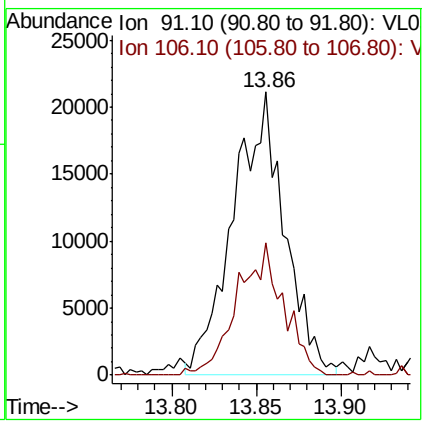




#60
o-Xylene
Concen: 0.113 ppbv m
RT: 13.86 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 91 Resp: 44860

Ion	Ratio	Lower	Upper
91	100		
106	41.5	21.9	65.7



Instrument :
MSVOA_L
ClientSampleId :
VIELE-DUPDL

Manual Integrations APPROVED
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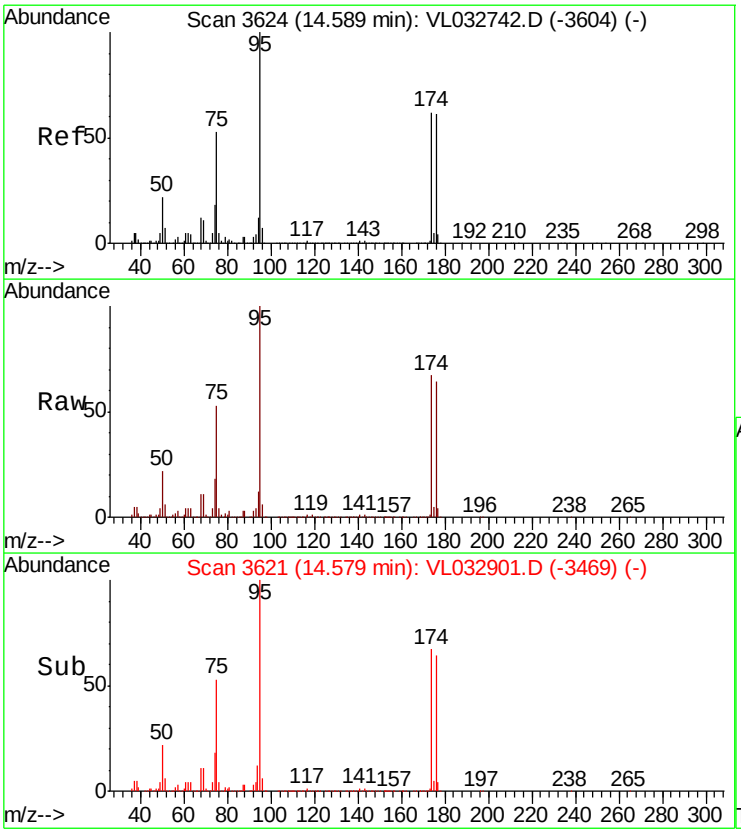
12/10/2018 1:02:07 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.630 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032901.D
Acq: 5 Dec 2018 7:13

Tgt Ion: 95 Resp: 2646337

Ion	Ratio	Lower	Upper
95	100		
174	67.1	50.7	76.1
175	5.2	3.8	5.6