Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
Data File : VL032827.D
Acq On : 28 Nov 2018 12:10
Operator : SY/AP
Sample : J6046-05DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 15:25:40 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

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01DUP

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1204952	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3072705	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	2741344	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2033333	9.92	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	104239	0.60	ppbv		95
3) Chlorodifluoromethane	3.02	51	65834m	0.69	ppbv		
4) Chloromethane	3.18	50	26114	0.49	ppbv	#	87
9) Propene	3.06	41	76841m	2.01	ppbv		
11) Trichlorofluoromethane	4.01	101	62890	0.39	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.57	101	14268	0.11	ppbv		97
13) Ethanol	3.67	45	235131	18.78	ppbv		99
15) Acetone	3.91	43	484135	4.40	ppbv		93
19) Isopropyl Alcohol	4.05	45	126817	1.73	ppbv	#	91
20) Methylene Chloride	4.42	84	254101	4.46	ppbv		92
26) Hexane	5.79	57	237275	2.08	ppbv	#	51
34) 2-Butanone	5.35	43	57345	0.36	ppbv		97
35) Carbon Tetrachloride	7.14	117	21182m	0.09	ppbv		
36) Benzene	7.02	78	90520	0.37	ppbv		94
52) Tetrachloroethene	11.39	164	6304m	0.07	ppbv		
53) Toluene	9.96	91	204580	0.80	ppbv		96
59) m/p-Xylene	13.13	91	53948m	0.18	ppbv		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
Data File : VL032827.D
Acq On : 28 Nov 2018 12:10
Operator : SY/AP
Sample : J6046-05DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 15:25:40 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 :
EP2-OA-01DUP

Manual Integrations APPROVED
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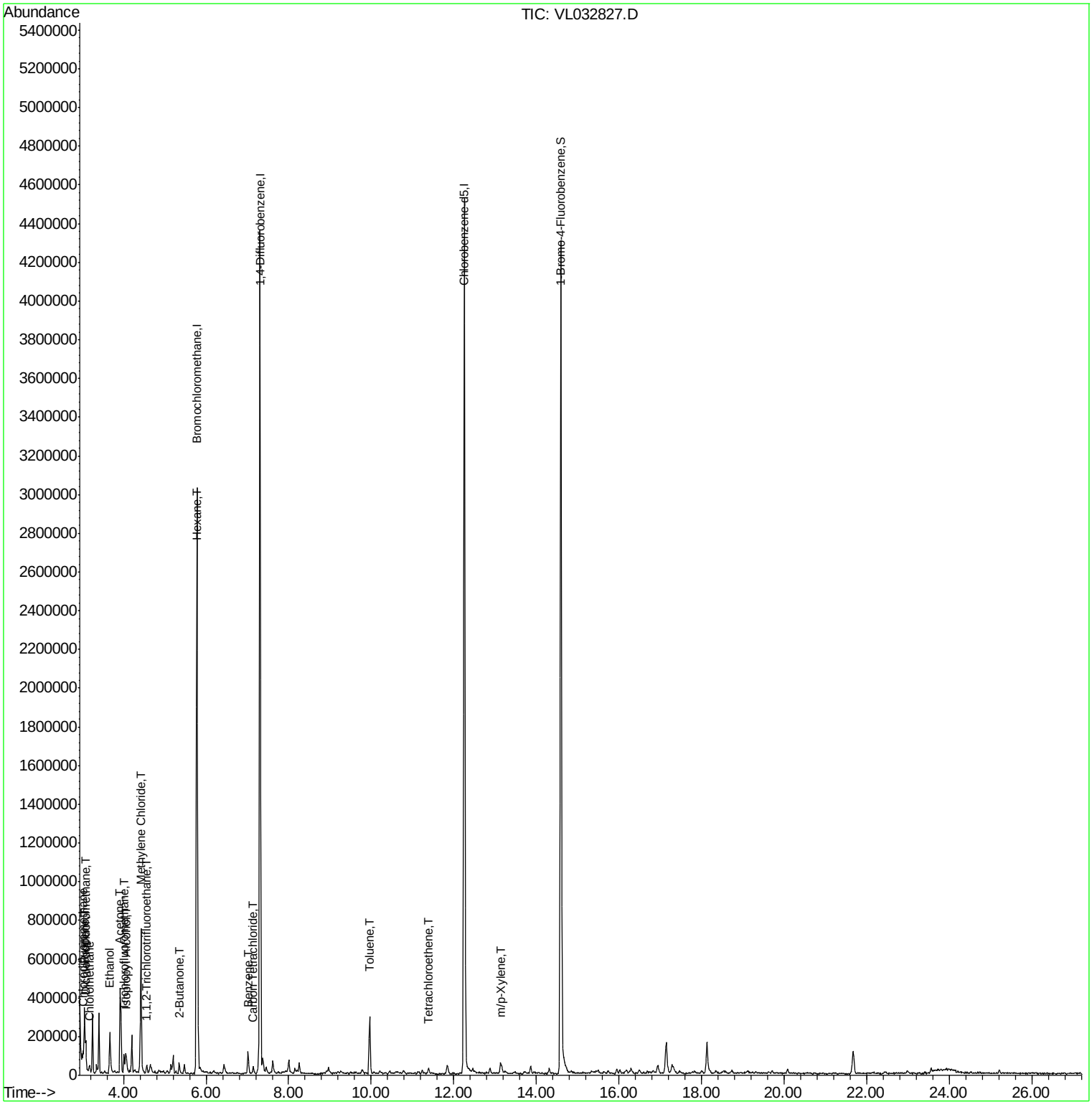
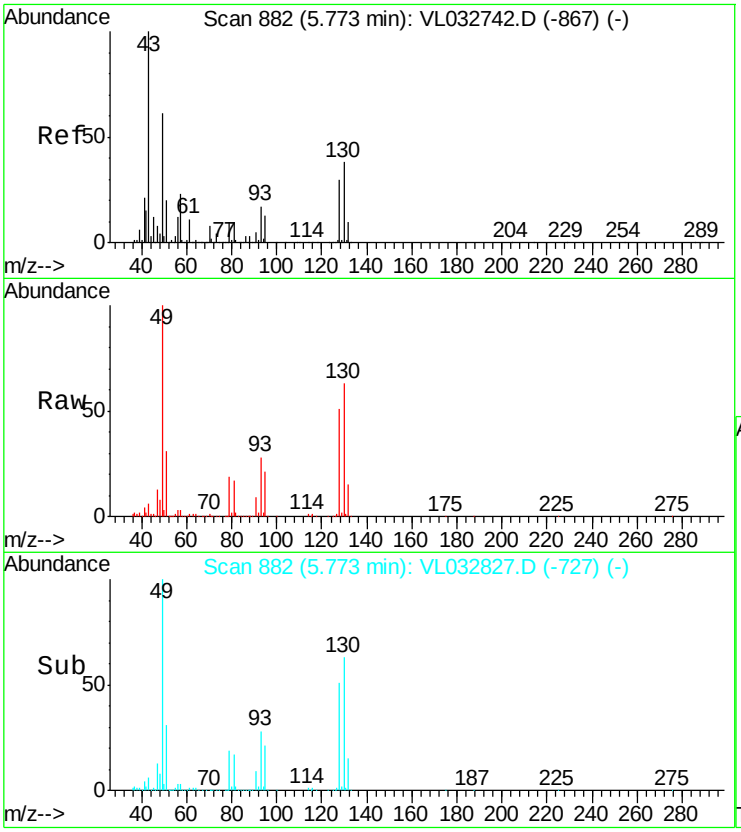
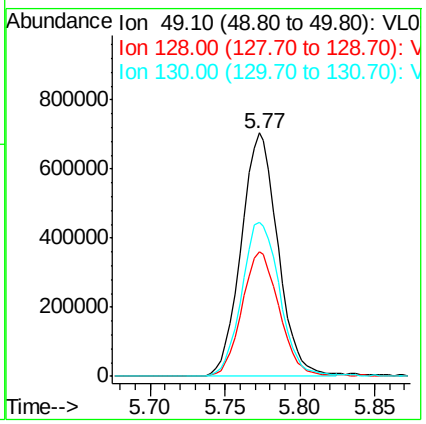




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 49 Resp: 1204952

Ion	Ratio	Lower	Upper
49	100		
128	52.6	24.9	74.6
130	66.1	31.4	94.2



Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

Manual Integrations APPROVED
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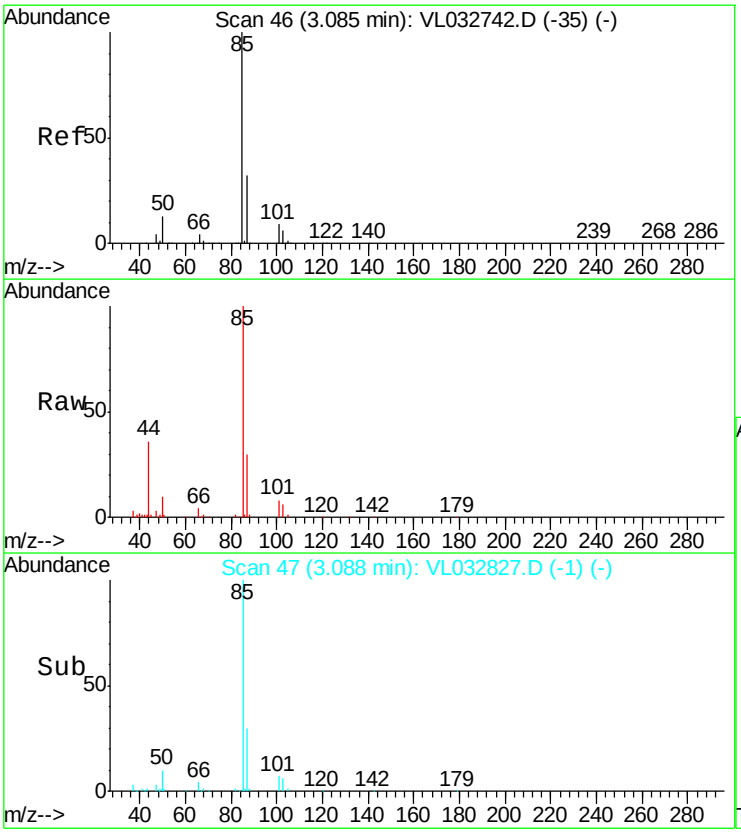
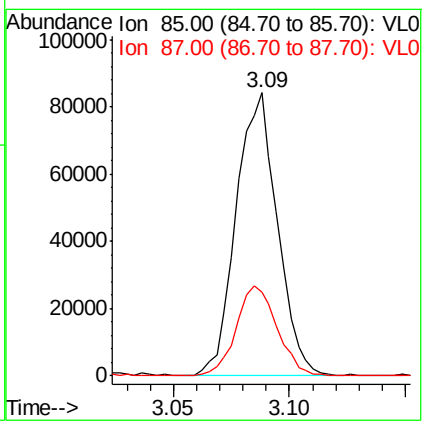
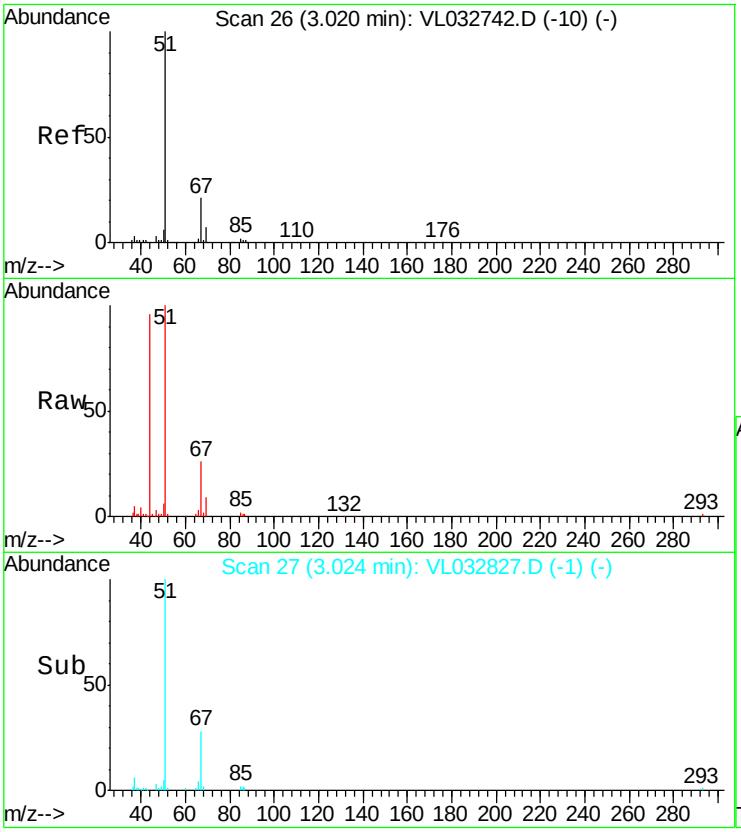


#2
Dichlorodifluoromethane
Concen: 0.60 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 85 Resp: 104239

Ion	Ratio	Lower	Upper
85	100		
87	29.5	26.0	39.0





#3
Chlorodifluoromethane
Concen: 0.69 ppbv m
RT: 3.02 min Scan# 27
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 51 Resp: 65834

Ion	Ratio	Lower	Upper
51	100		
67	22.2	16.1	24.1

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

Manual Integrations APPROVED
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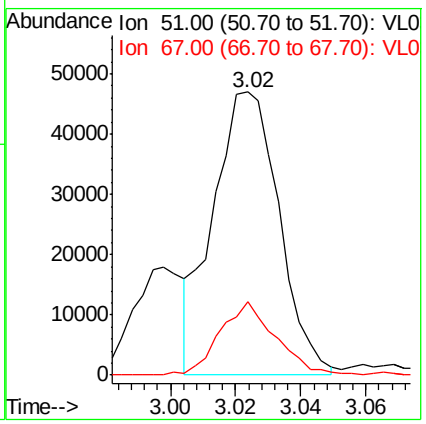
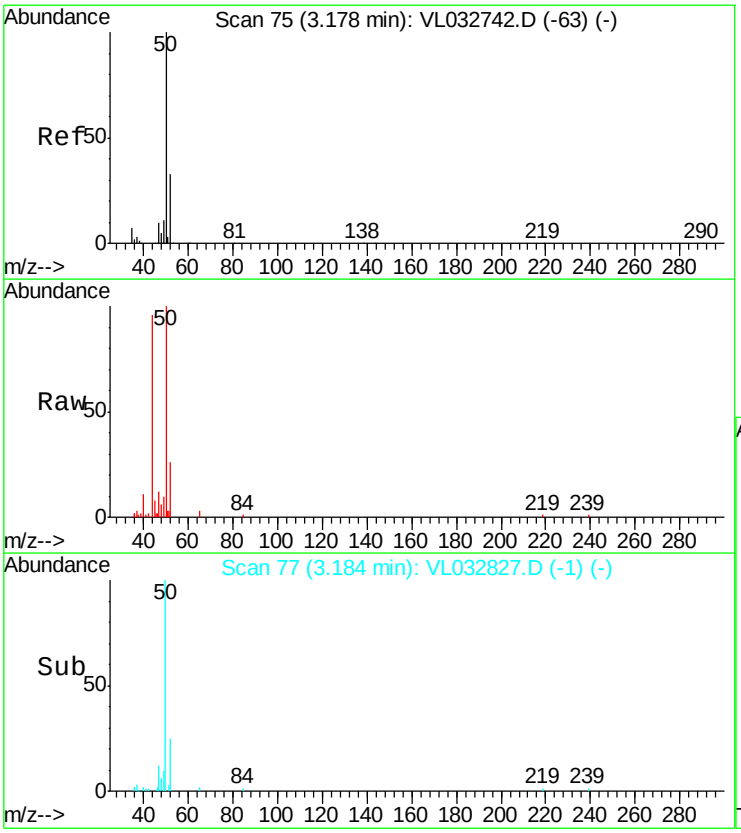
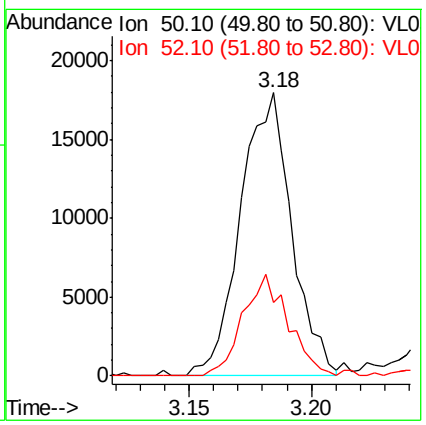


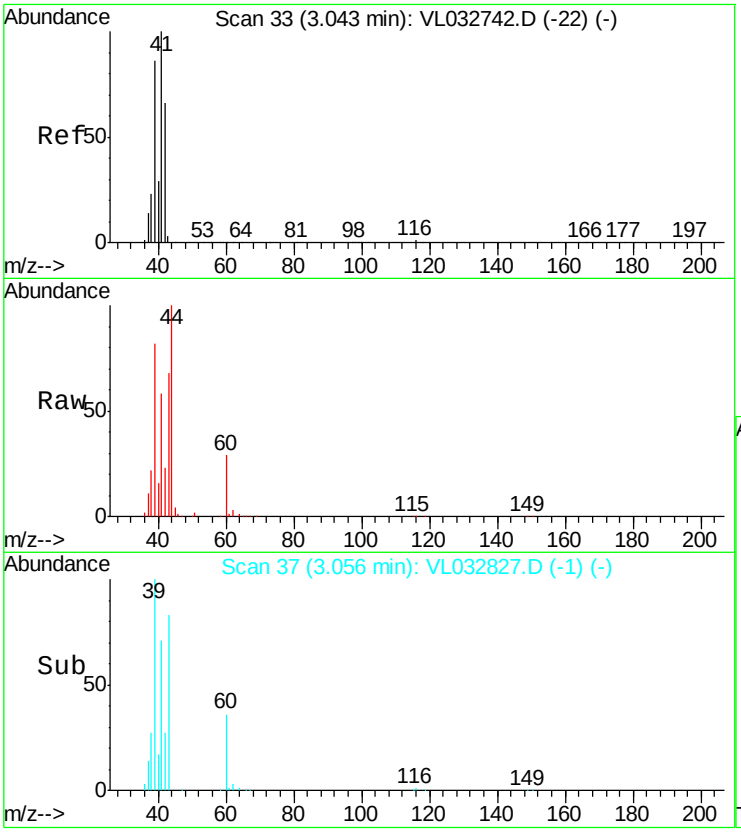


#4
Chloromethane
Concen: 0.49 ppbv
RT: 3.18 min Scan# 77
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 50 Resp: 26114

Ion	Ratio	Lower	Upper
50	100		
52	26.0	26.6	40.0#





#9
Propene
Concen: 2.01 ppbv m
RT: 3.06 min Scan# 37
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 41 Resp: 76841

Ion	Ratio	Lower	Upper
41	100		
42	64.1	55.0	82.6

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

Manual Integrations APPROVED
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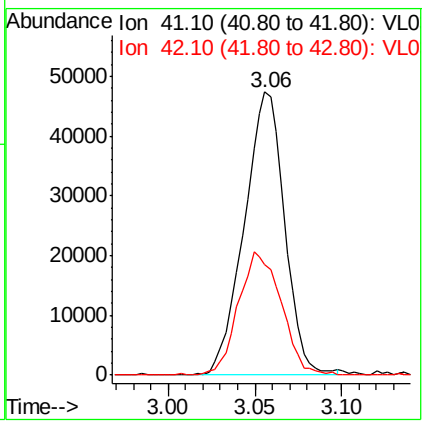
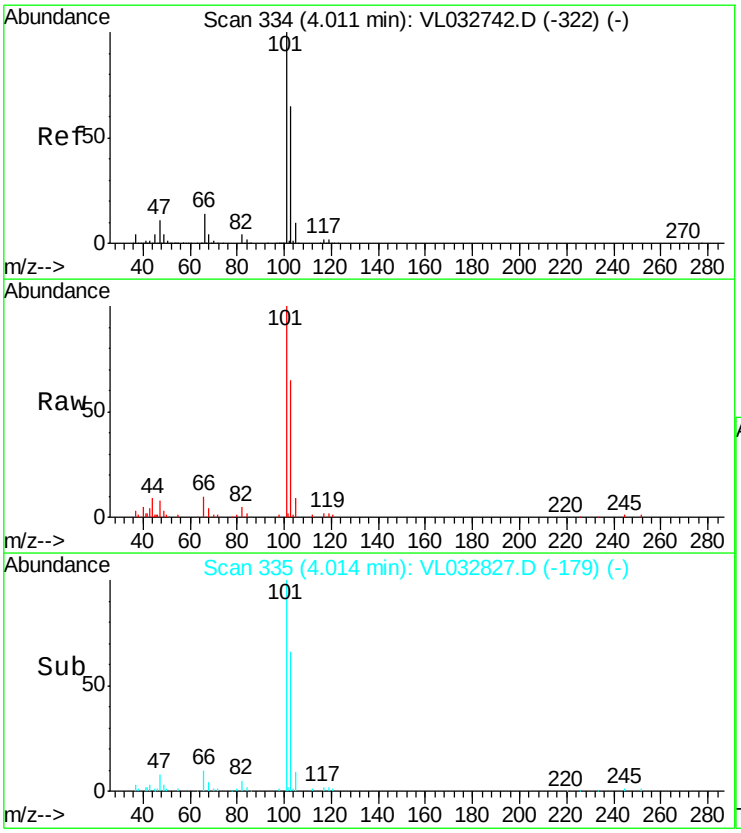
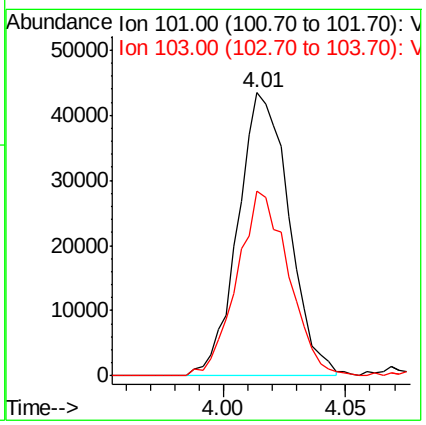


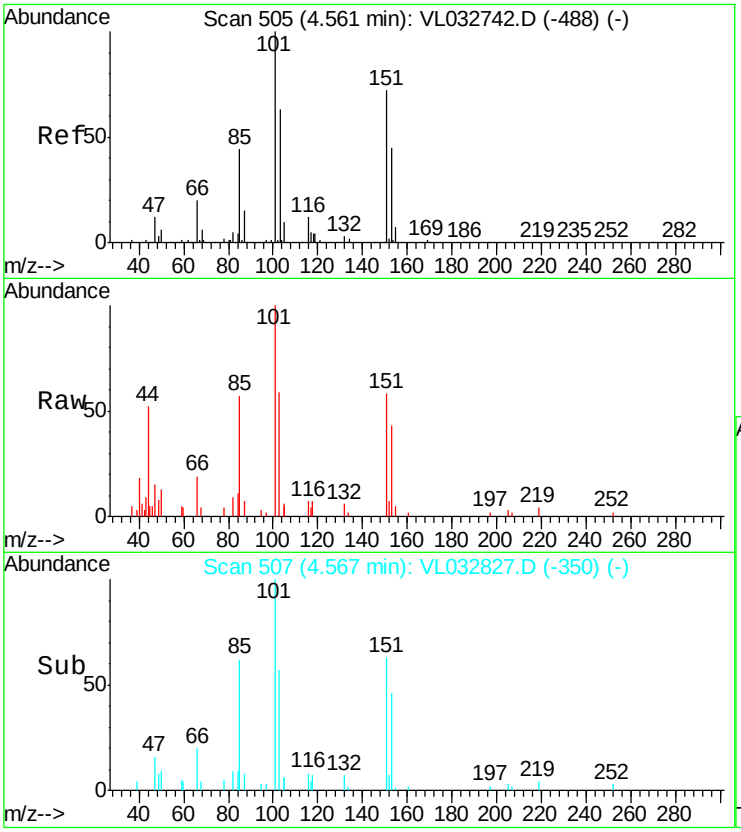


#11
Trichlorofluoromethane
Concen: 0.39 ppbv
RT: 4.01 min Scan# 335
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion:101 Resp: 62890

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.6	77.4





#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.11 ppbv
RT: 4.57 min Scan# 507
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion:101 Resp: 14268

Ion	Ratio	Lower	Upper
101	100		
151	68.3	56.7	85.1

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

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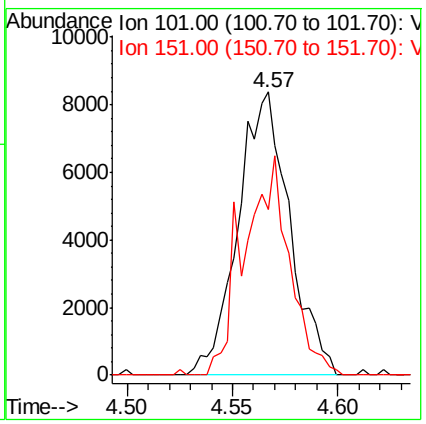
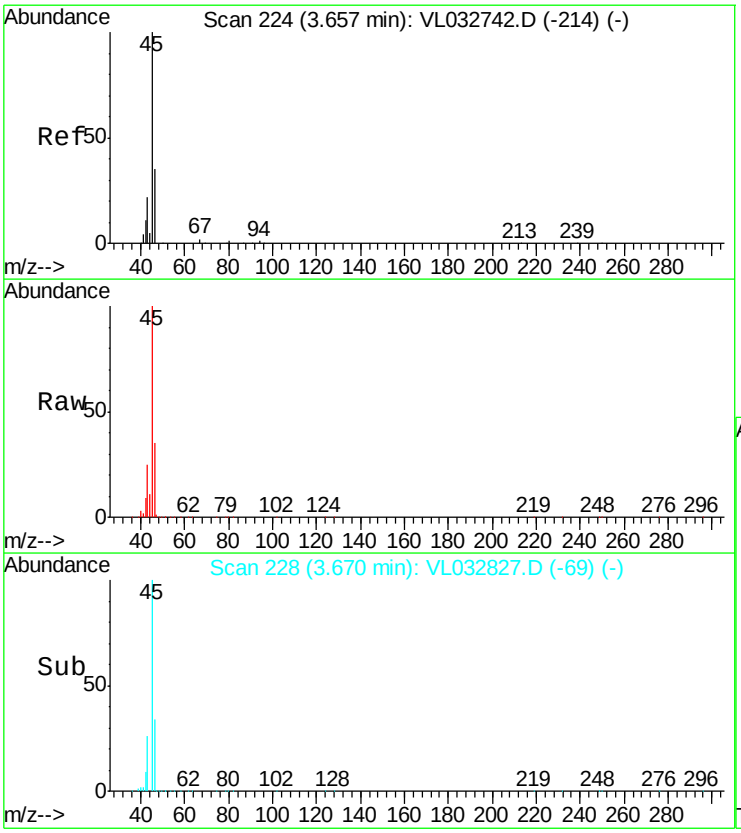
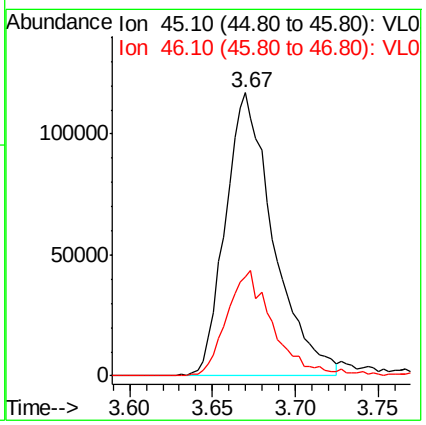


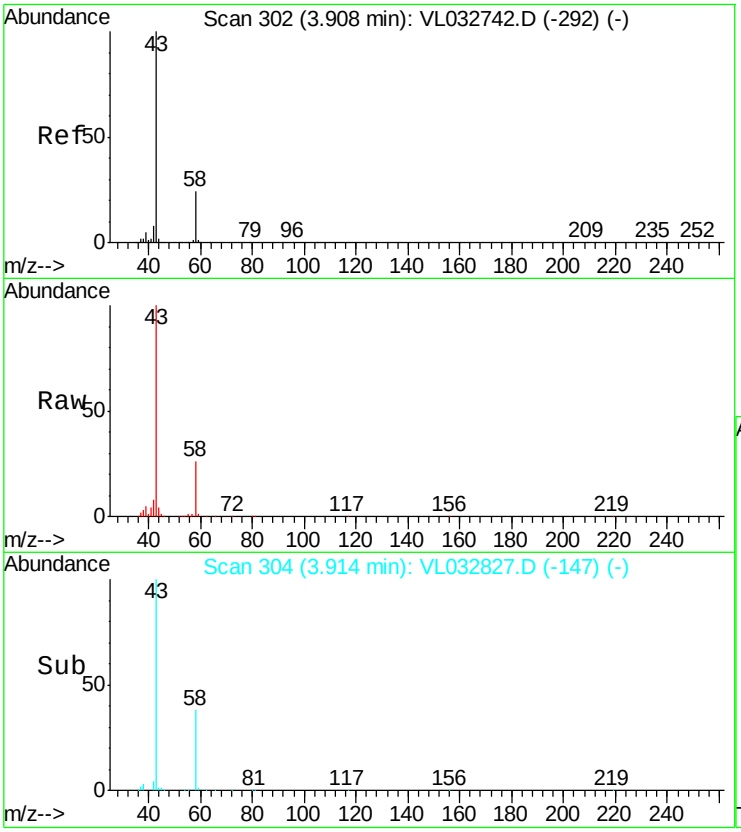


#13
Ethanol
Concen: 18.78 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 45 Resp: 235131

Ion	Ratio	Lower	Upper
45	100		
46	36.9	14.5	57.9





#15
Acetone
Concen: 4.40 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 43 Resp: 484135

Ion	Ratio	Lower	Upper
43	100		
58	23.0	21.1	31.7

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

Manual Integrations APPROVED
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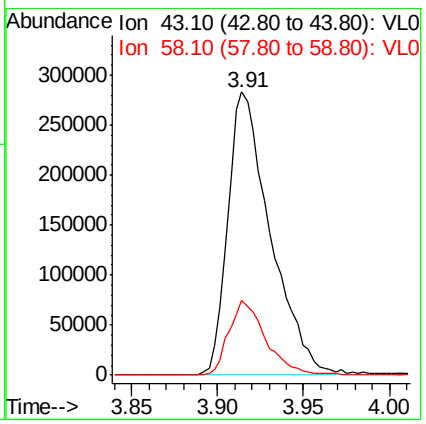
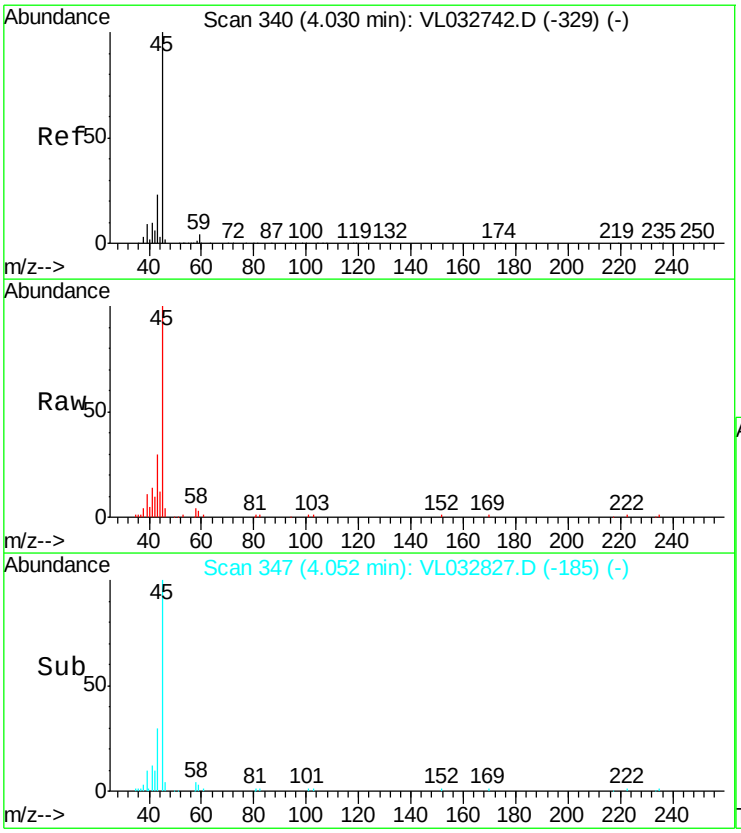
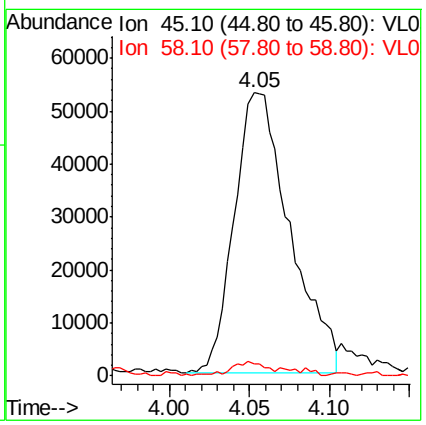


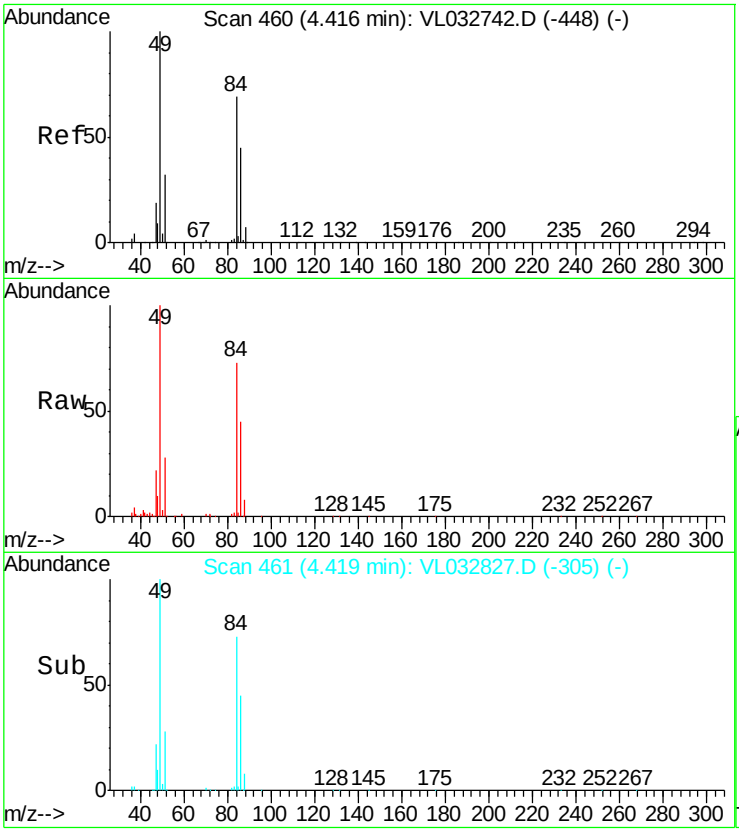


#19
Isopropyl Alcohol
Concen: 1.73 ppbv
RT: 4.05 min Scan# 347
Delta R.T. 0.02 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 45 Resp: 126817

Ion	Ratio	Lower	Upper
45	100		
58	5.0	1.4	2.0#

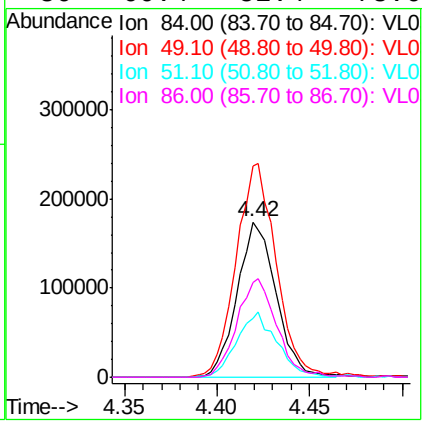




#20
Methylene Chloride
Concen: 4.46 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 84 Resp: 254101

Ion	Ratio	Lower	Upper
84	100		
49	136.0	115.8	173.6
51	38.0	36.9	55.3
86	60.4	52.4	78.6



Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

Manual Integrations APPROVED
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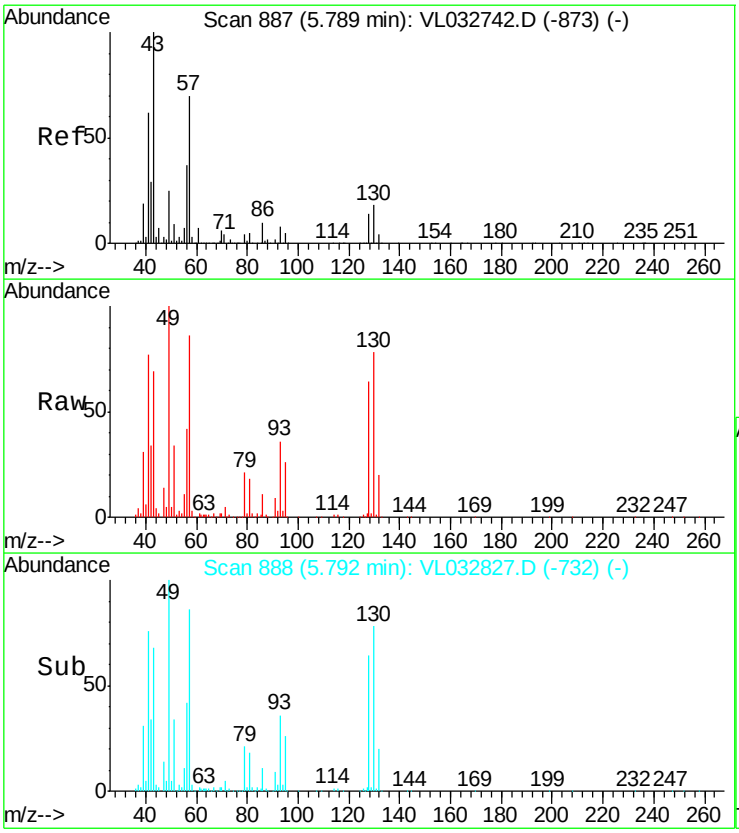
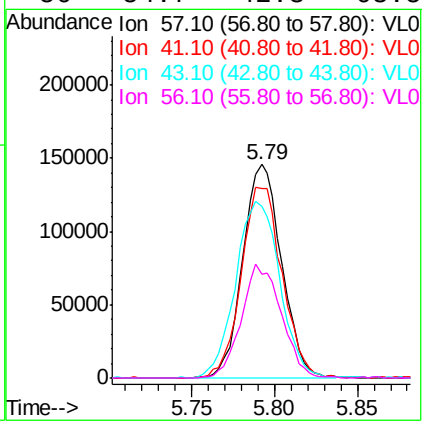
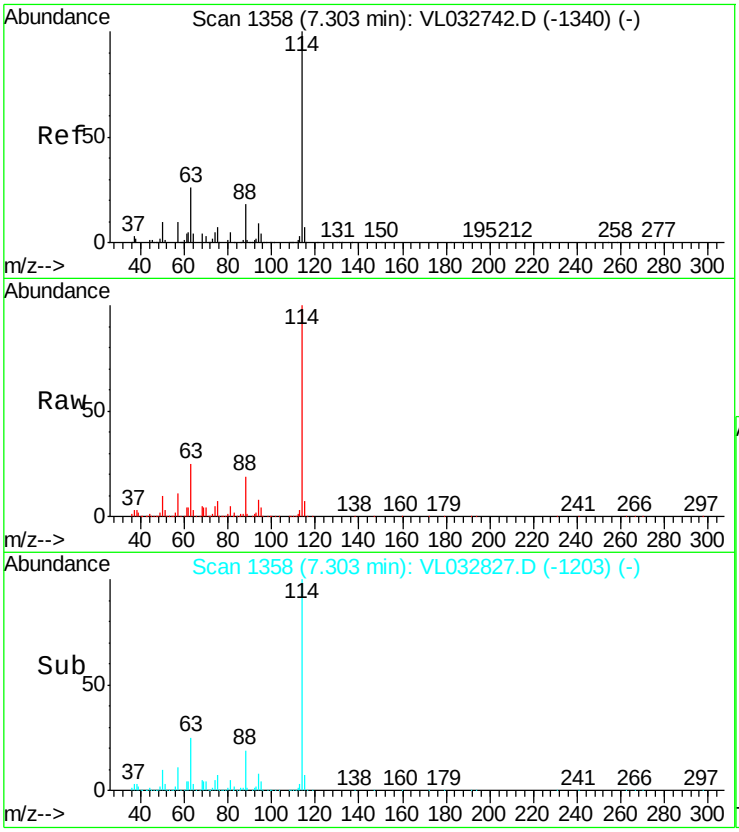


#26
Hexane
Concen: 2.08 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 57 Resp: 237275

Ion	Ratio	Lower	Upper
57	100		
41	94.6	70.3	105.5
43	94.7	174.0	261.0#
56	54.7	42.3	63.5

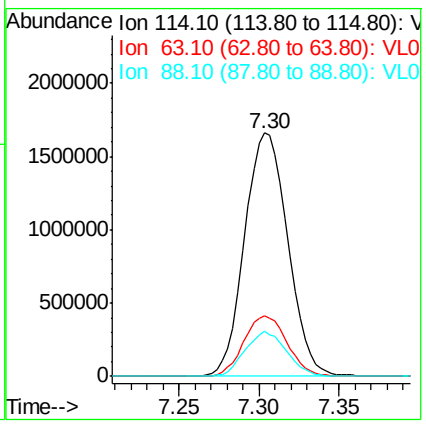




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion:114 Resp: 3072705

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.9	31.3
88	17.8	14.4	21.6



Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

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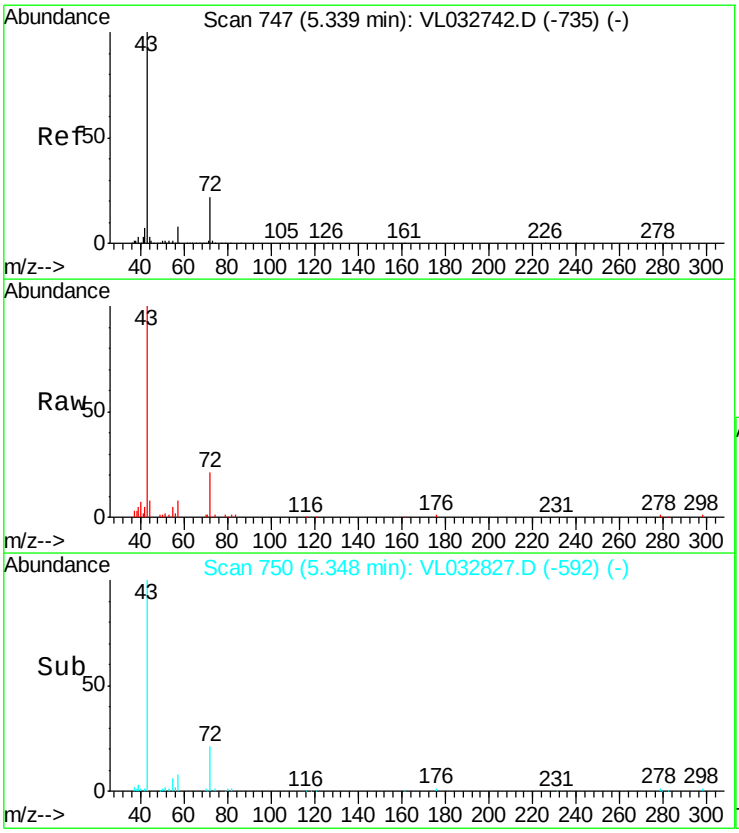
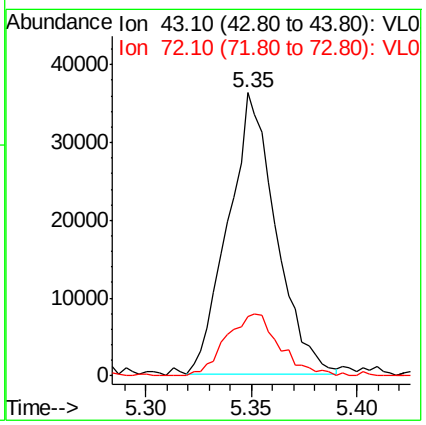
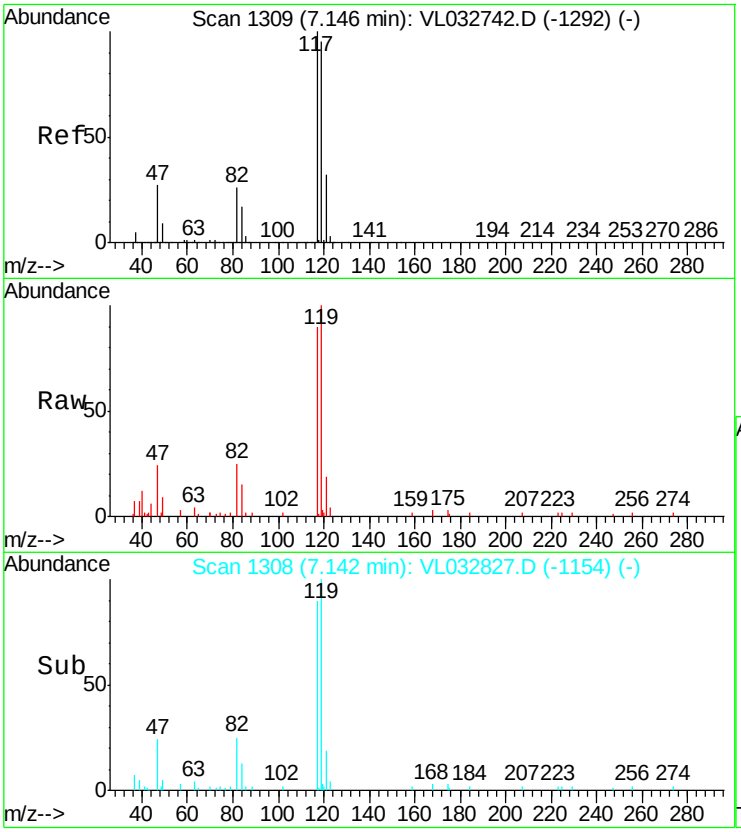


#34
2-Butanone
Concen: 0.36 ppbv
RT: 5.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 43 Resp: 57345

Ion	Ratio	Lower	Upper
43	100		
72	24.6	18.4	27.6

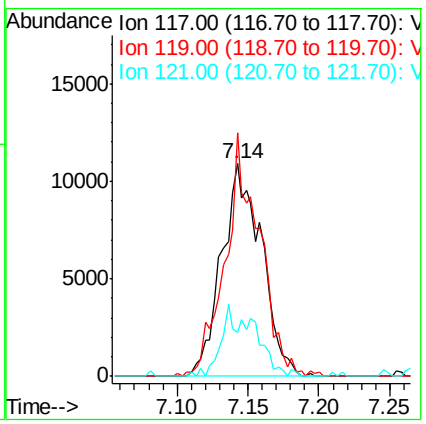




#35
Carbon Tetrachloride
Concen: 0.09 ppbv m
RT: 7.14 min Scan# 1308
Delta R.T. -0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion:117 Resp: 21182

Ion	Ratio	Lower	Upper
117	100		
119	111.2	76.1	114.1
121	20.7	25.4	38.0#



Instrument :
MSVOA_L
ClientSampleId :
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Manual Integrations APPROVED
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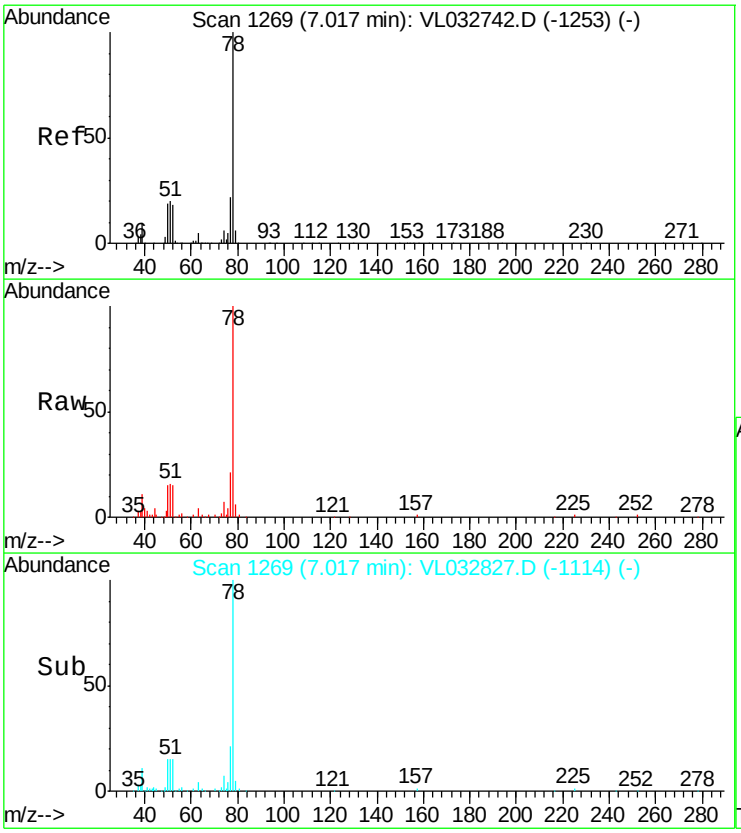
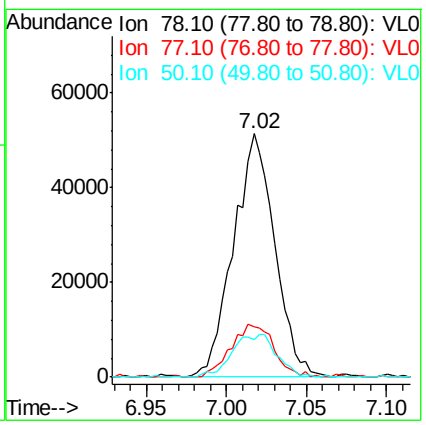
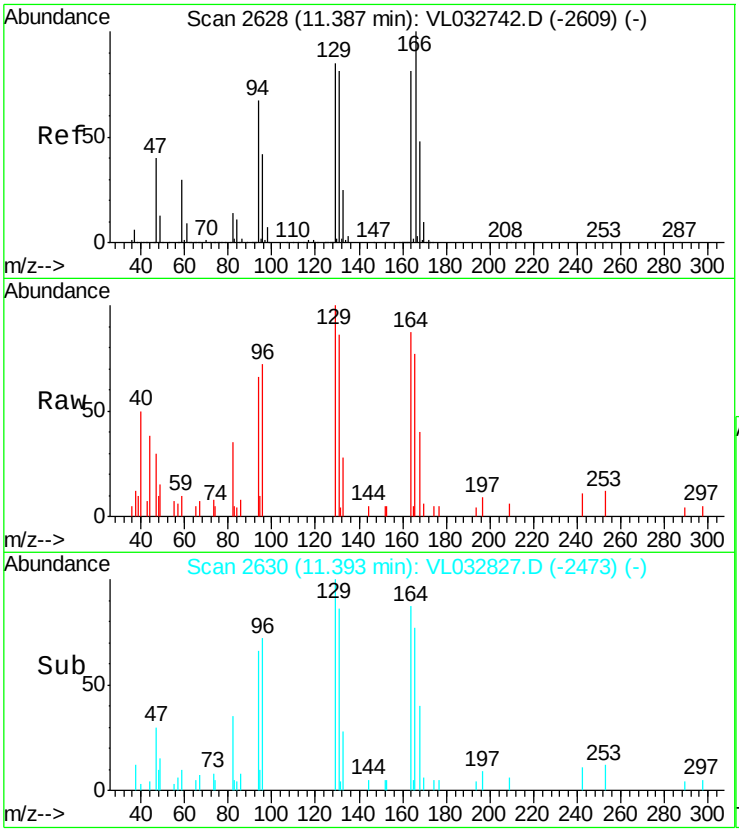


#36
Benzene
Concen: 0.37 ppbv
RT: 7.02 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 78 Resp: 90520

Ion	Ratio	Lower	Upper
78	100		
77	20.7	17.8	26.8
50	15.5	15.4	23.0

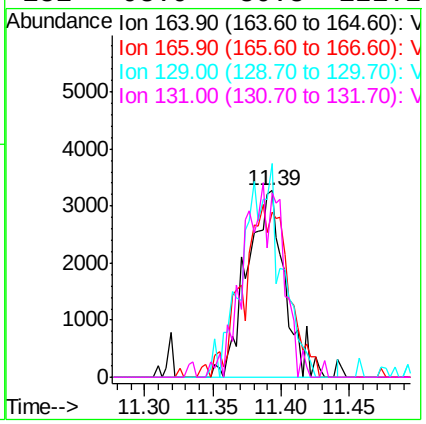




#52
Tetrachloroethene
Concen: 0.07 ppbv m
RT: 11.39 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion:164 Resp: 6304

Ion	Ratio	Lower	Upper
164	100		
166	88.4	99.3	148.9#
129	114.6	83.9	125.9
131	98.9	80.8	121.2



Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

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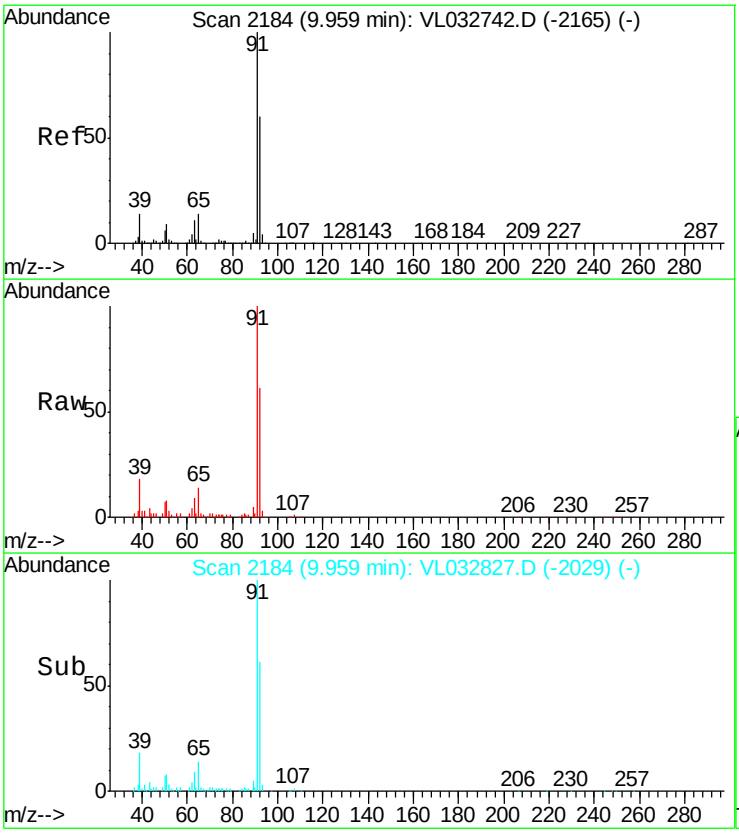
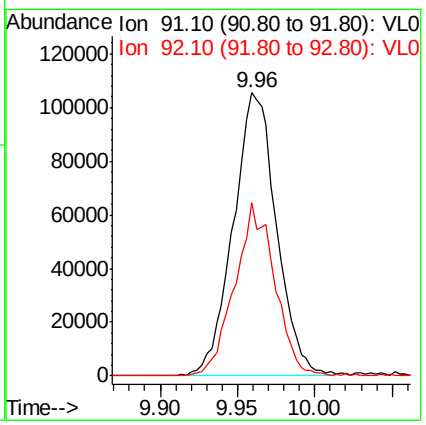
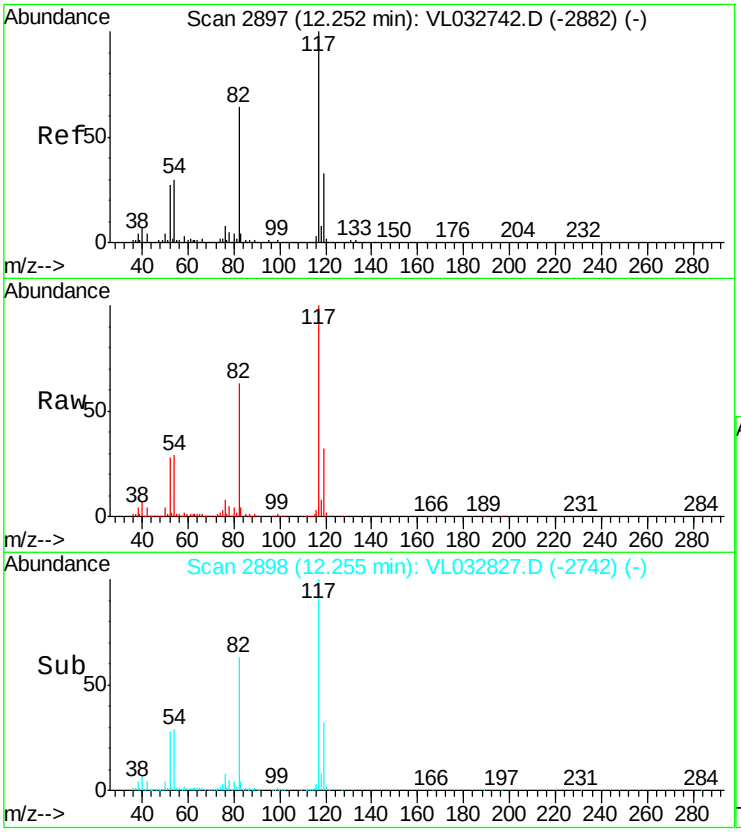


#53
Toluene
Concen: 0.80 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 91 Resp: 204580

Ion	Ratio	Lower	Upper
91	100		
92	57.1	47.9	71.9

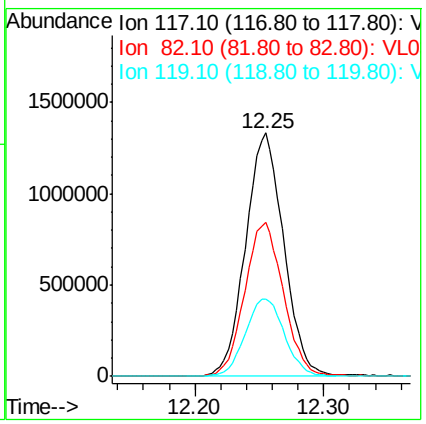




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion:117 Resp: 2741344

Ion	Ratio	Lower	Upper
117	100		
82	64.7	51.0	76.6
119	32.9	28.0	42.0



Instrument :
MSVOA_L
ClientSampleId :
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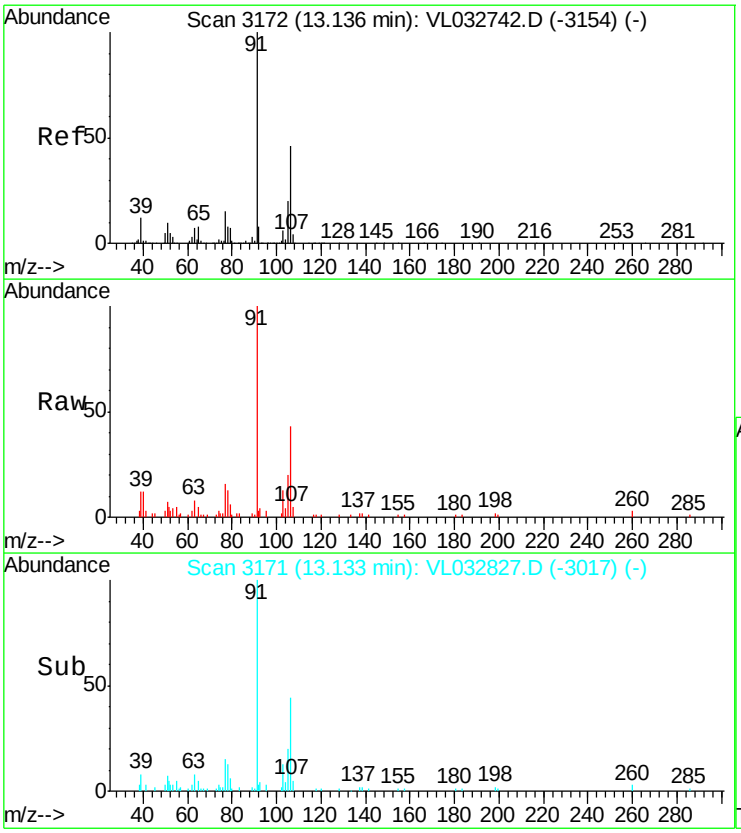
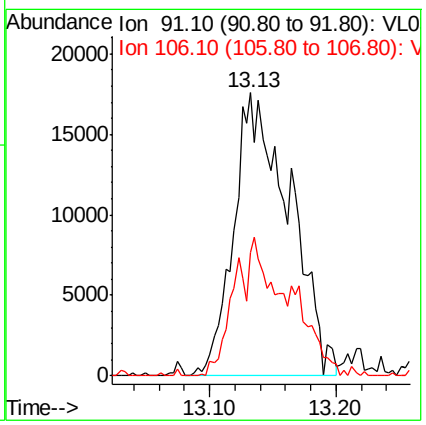
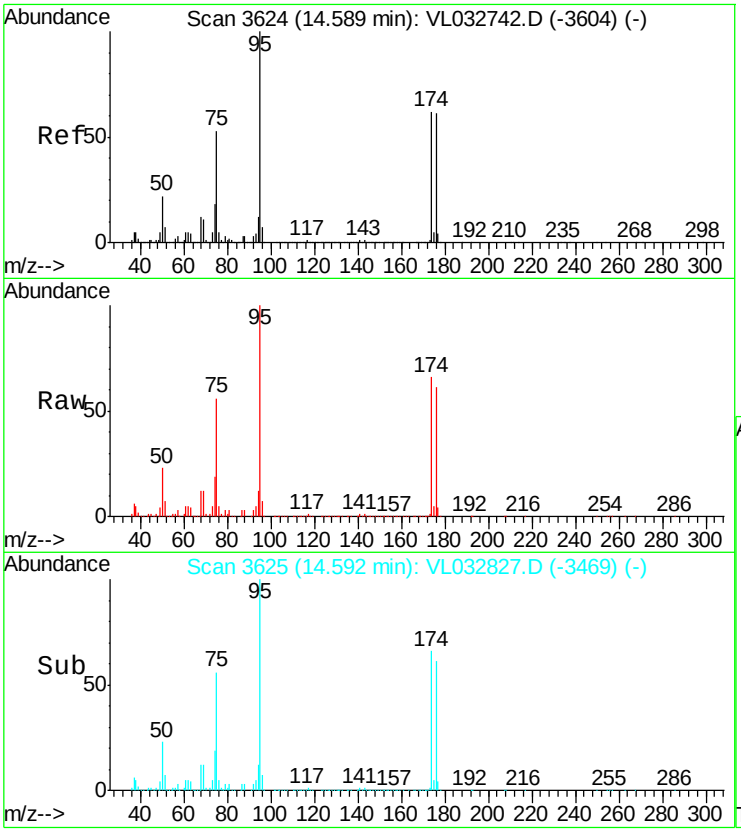


#59
m/p-Xylene
Concen: 0.18 ppbv m
RT: 13.13 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 91 Resp: 53948

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.1	54.1#

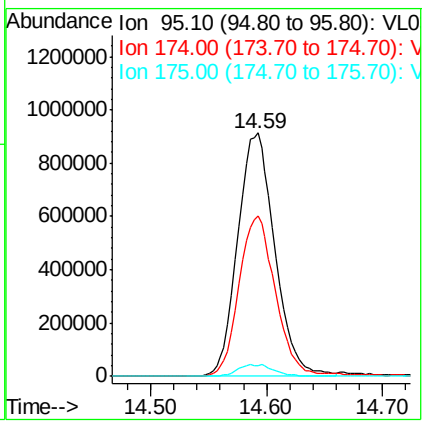




#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. 0.00 min
Lab File: VL032827.D
Acq: 28 Nov 2018 12:10

Tgt Ion: 95 Resp: 2033333

Ion	Ratio	Lower	Upper
95	100		
174	66.1	50.7	76.1
175	4.8	3.8	5.6



Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DUP

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