Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

Quantitation Report (Not Reviewed)

Data File : VL032676.D
Acq On : 19 Oct 2018 9:39
Operator : SY/AP
Sample : J5581-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-4DL

Quant Time: Oct 19 23:12:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1575366	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3672361	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3563798	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2644190	9.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	12890	0.080	ppbv		95
3) Chlorodifluoromethane	3.03	51	36743	0.298	ppbv		96
9) Propene	3.06	41	5692	0.112	ppbv	#	73
13) Ethanol	3.67	45	118223	8.158	ppbv		96
15) Acetone	3.93	43	127250	0.875	ppbv		96
19) Isopropyl Alcohol	4.06	45	84501	0.816	ppbv	#	95
20) Methylene Chloride	4.43	84	23131	0.313	ppbv		90
25) Ethyl Acetate	5.80	43	34336	0.103	ppbv	#	90
26) Hexane	5.80	57	20811	0.131	ppbv	#	54
39) 1,2-Dichloropropane	7.30	63	917754	7.970	ppbv	#	25
53) Toluene	9.96	91	66154	0.194	ppbv		97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

Quantitation Report (Not Reviewed)

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Misc : 400ml/MSVOA_L
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Quant Time: Oct 19 23:12:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
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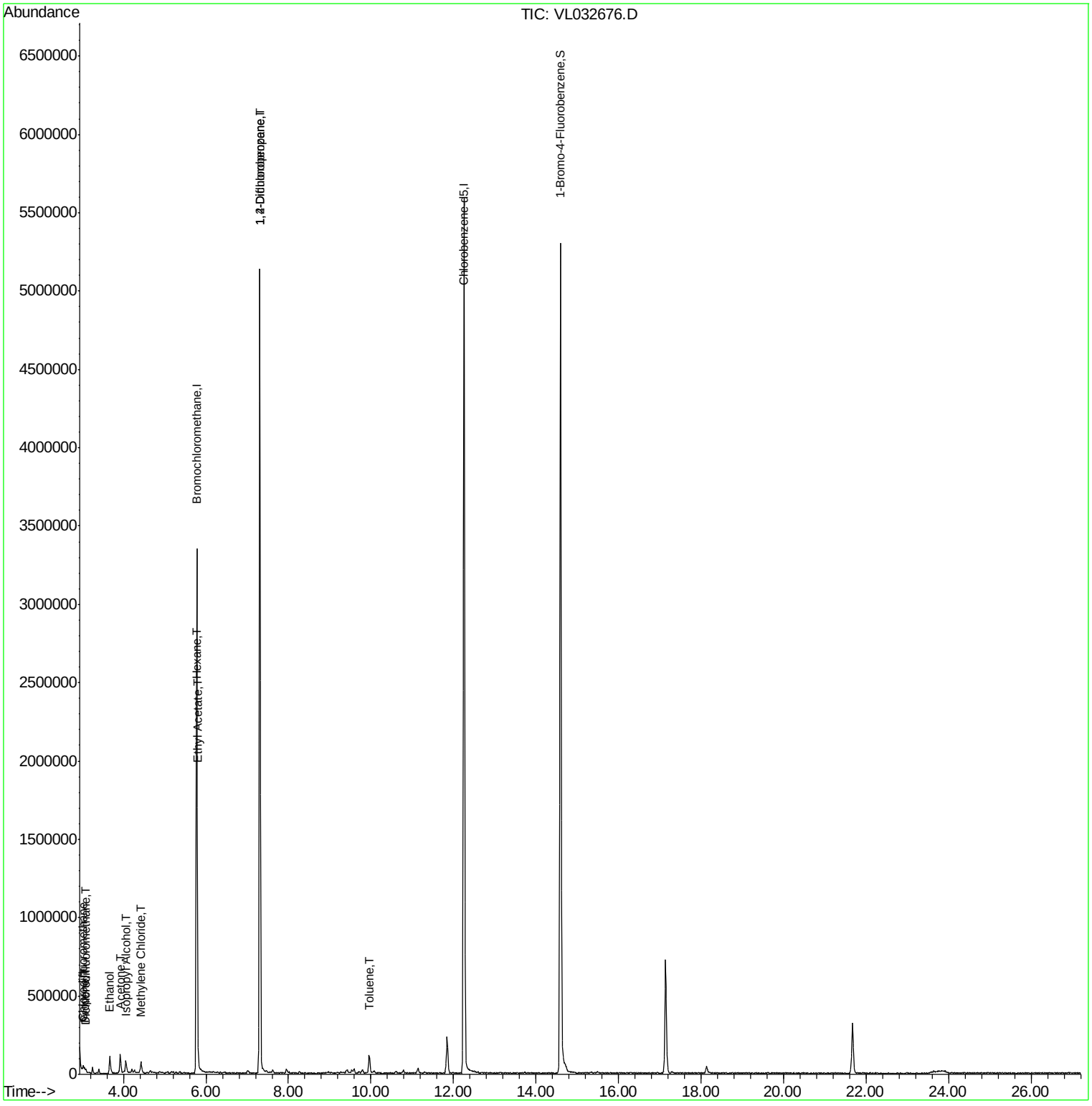
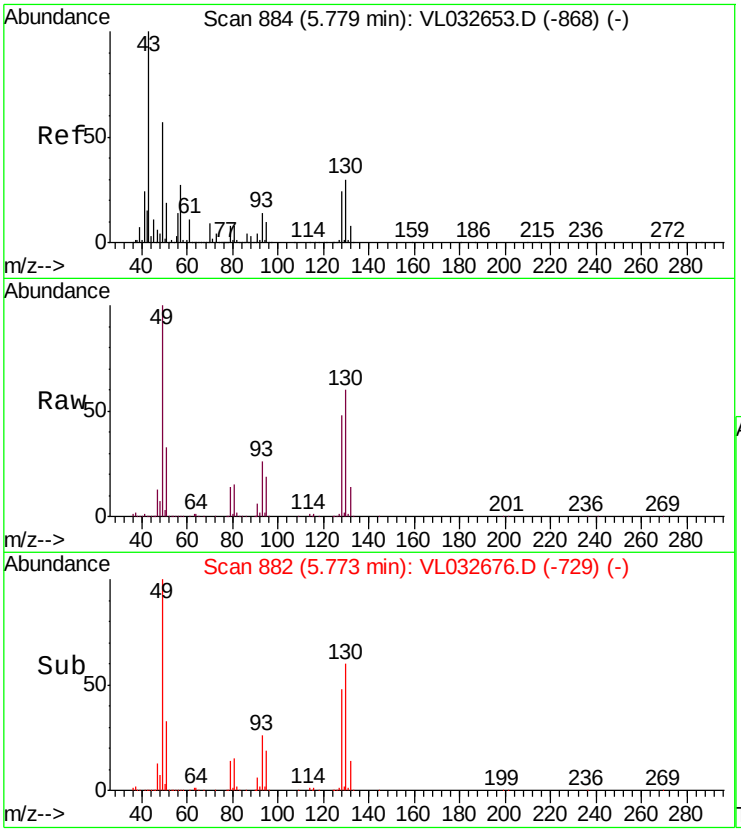


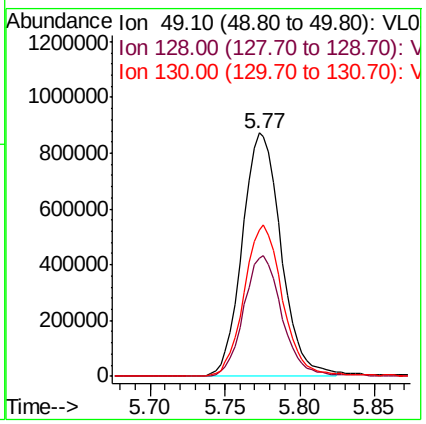


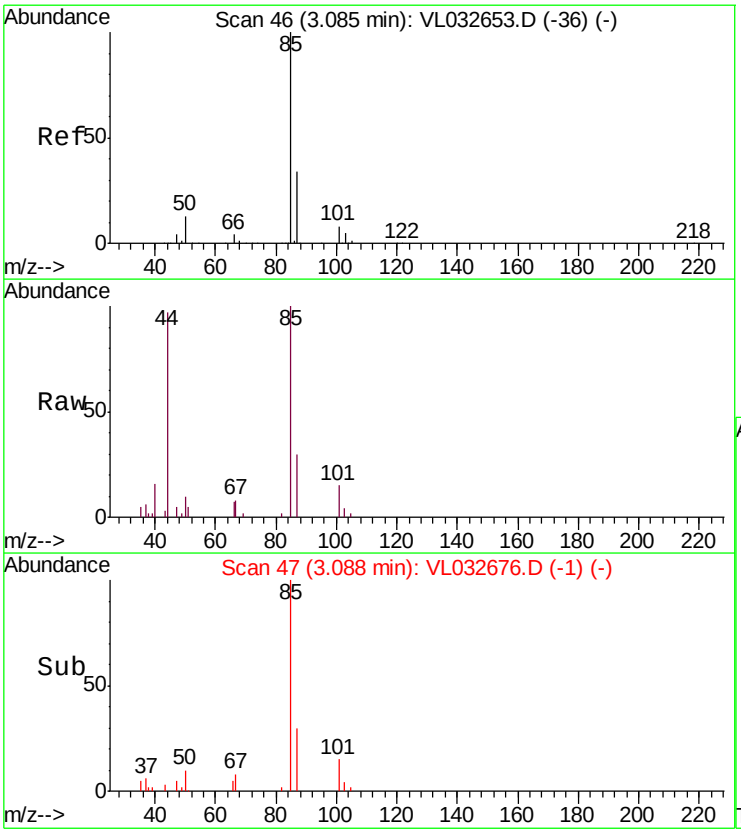
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tgt Ion: 49 Resp: 1575366

Ion	Ratio	Lower	Upper
49	100		
128	49.0	22.3	66.8
130	62.6	28.4	85.3

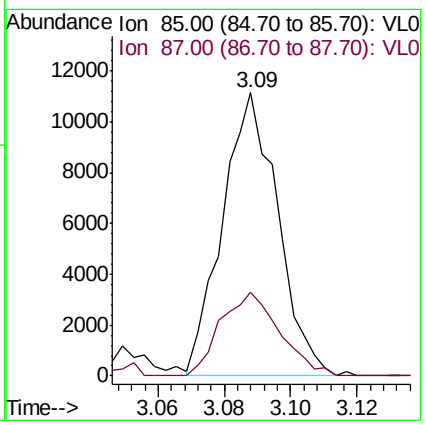


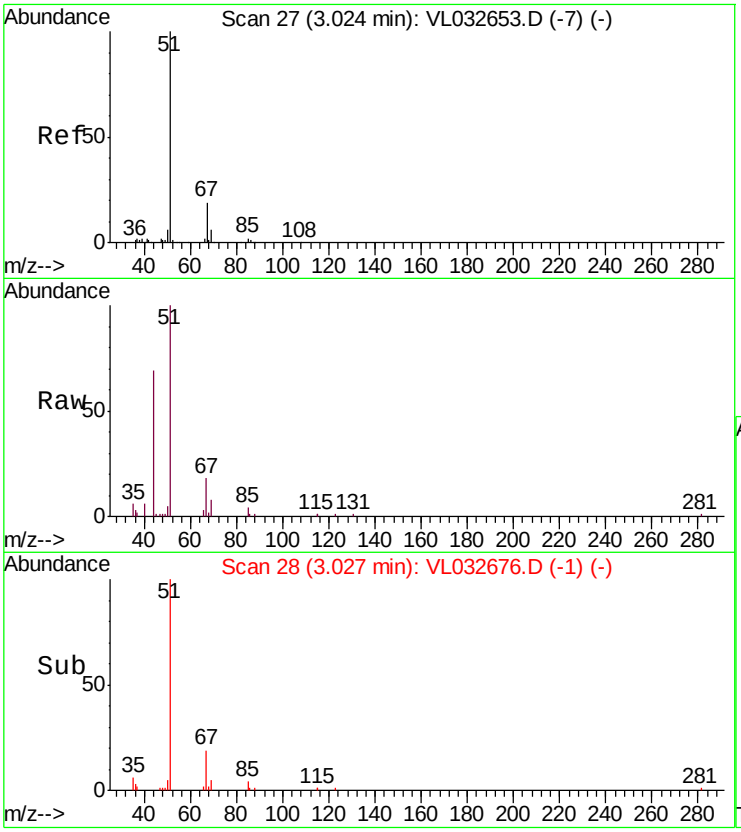


#2
Dichlorodifluoromethane
Concen: 0.080 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion: 85 Resp: 12890

Ion	Ratio	Lower	Upper
85	100		
87	29.7	26.2	39.2



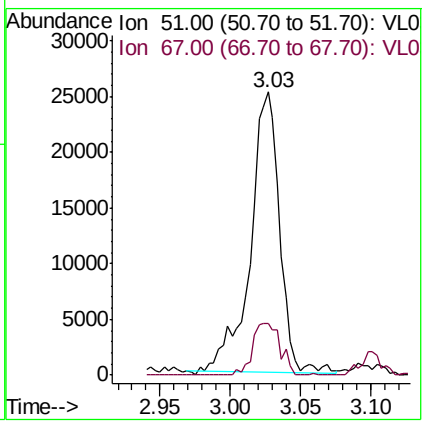


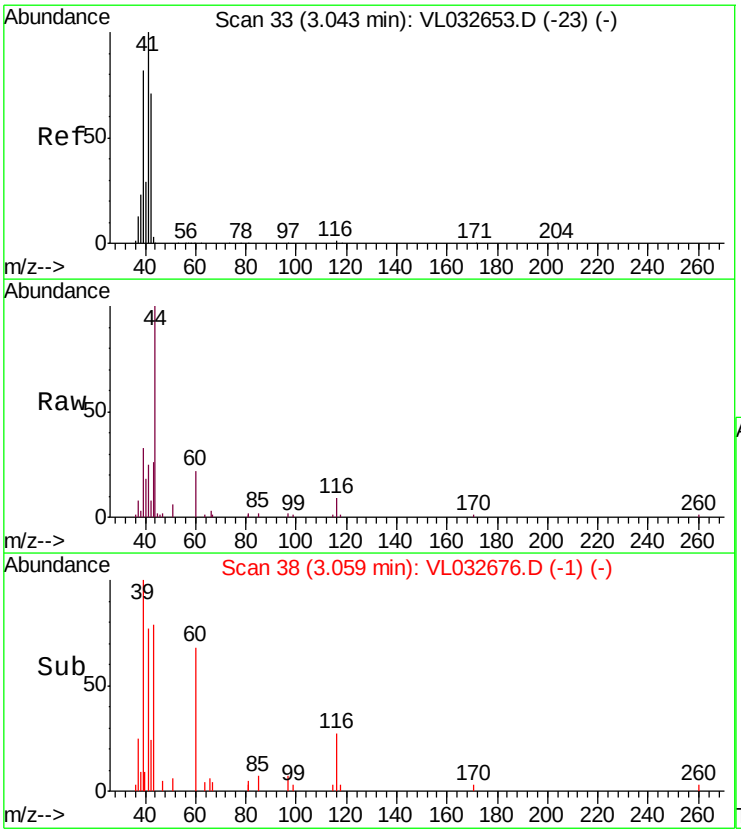
#3
Chlorodifluoromethane
Concen: 0.298 ppbv
RT: 3.03 min Scan# 28
Delta R.T. 0.00 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tgt Ion: 51 Resp: 36743

Ion	Ratio	Lower	Upper
51	100		
67	17.4	15.2	22.8

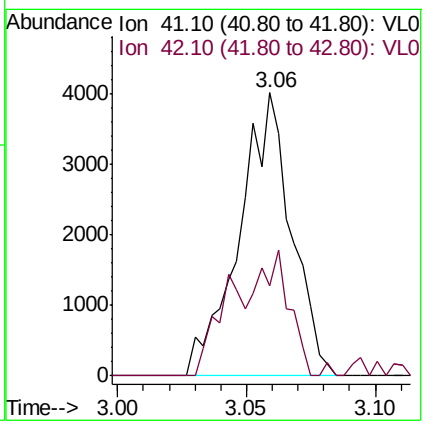


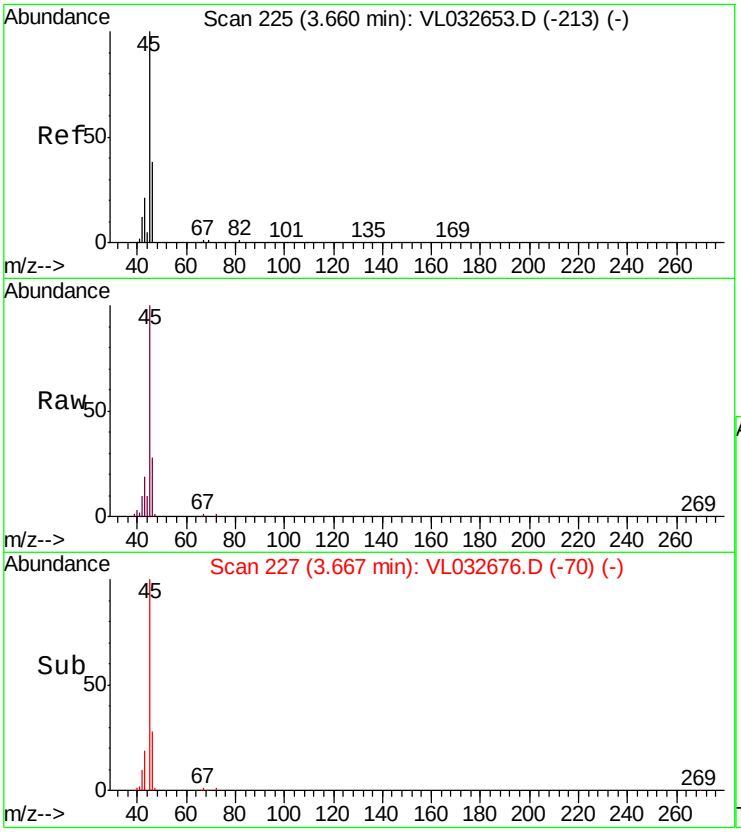


#9
Propene
Concen: 0.112 ppbv
RT: 3.06 min Scan# 38
Delta R.T. 0.02 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion: 41 Resp: 5692

Ion	Ratio	Lower	Upper
41	100		
42	47.1	55.4	83.0#



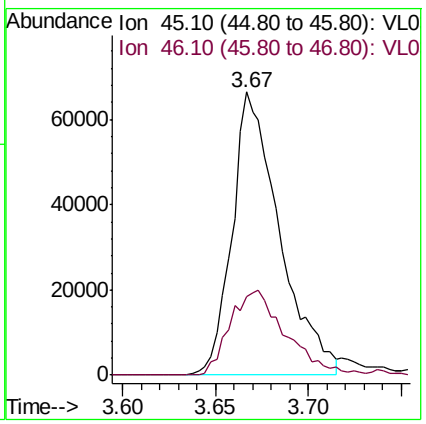


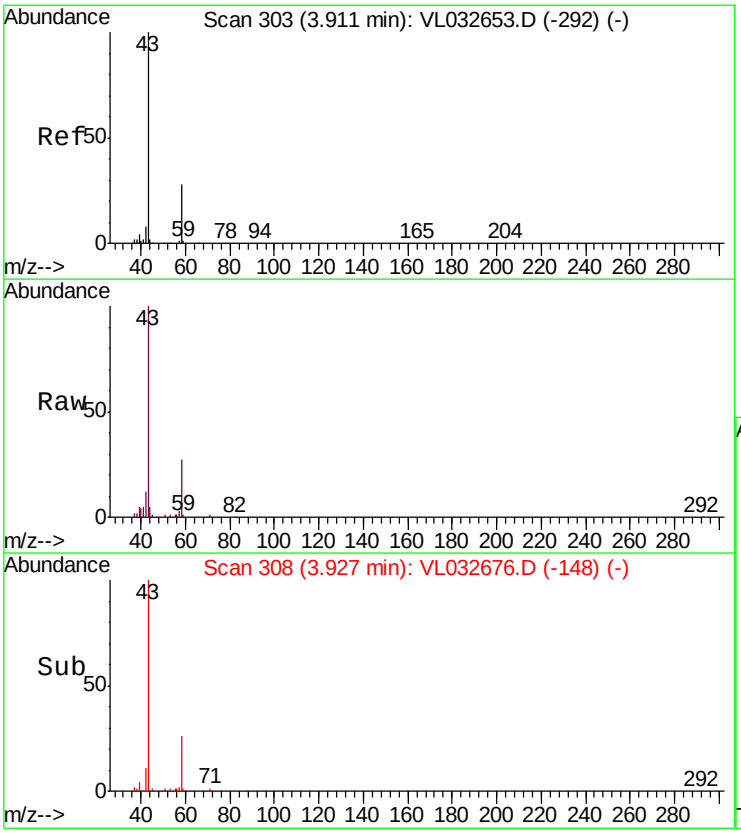
#13
Ethanol
Concen: 8.158 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 45 Resp: 118223

Ion	Ratio	Lower	Upper
45	100		
46	36.4	15.4	61.8

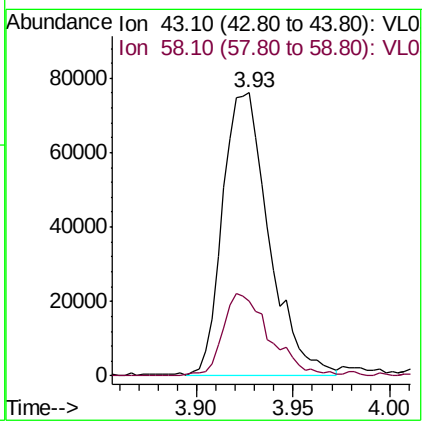


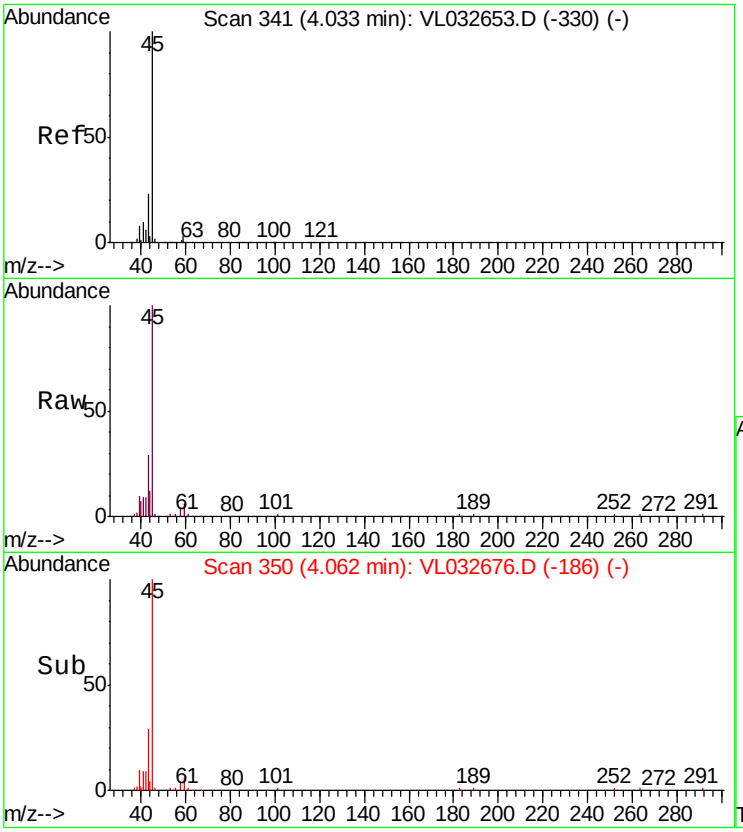


#15
Acetone
Concen: 0.875 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion: 43 Resp: 127250

Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.1	33.1



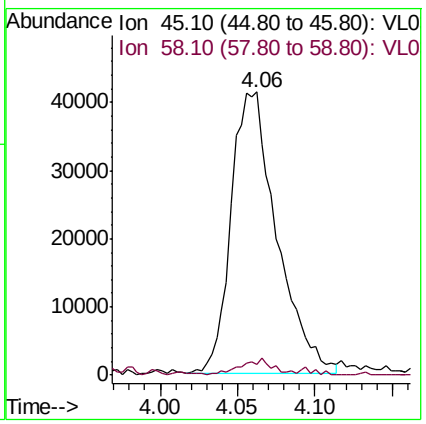


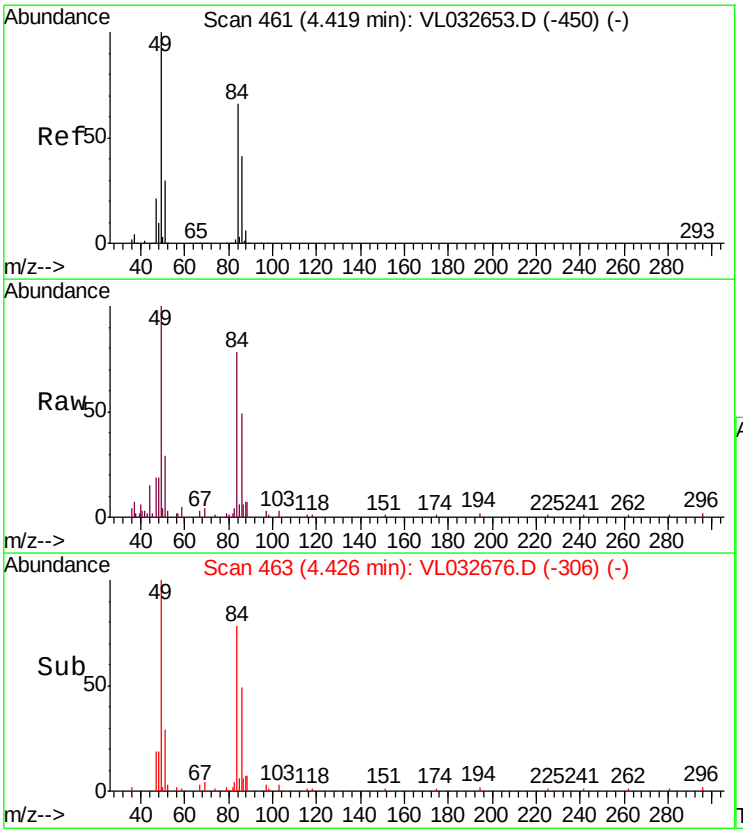
#19
Isopropyl Alcohol
Concen: 0.816 ppbv
RT: 4.06 min Scan# 350
Delta R.T. 0.03 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 45 Resp: 84501

Ion	Ratio	Lower	Upper
45	100		
58	4.3	2.0	3.0#

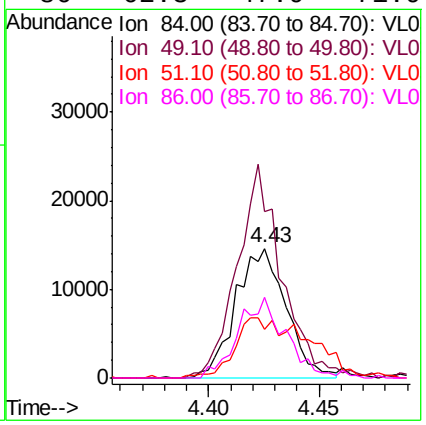


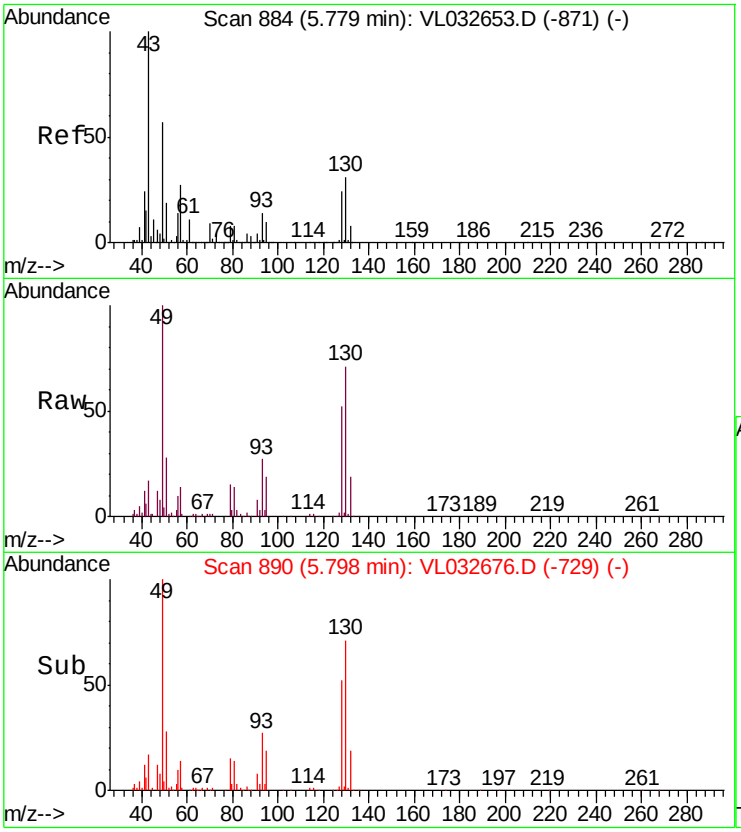


#20
Methylene Chloride
Concen: 0.313 ppbv
RT: 4.43 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion: 84 Resp: 23131

Ion	Ratio	Lower	Upper
84	100		
49	127.1	113.5	170.3
51	35.6	34.8	52.2
86	62.3	47.9	71.9



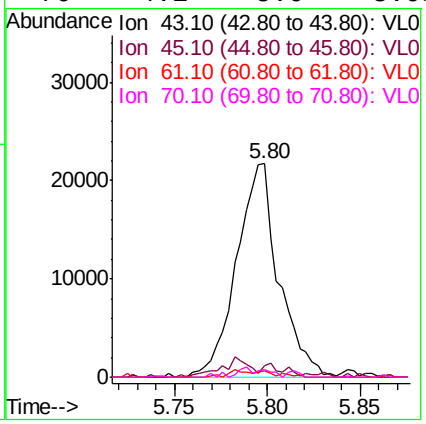


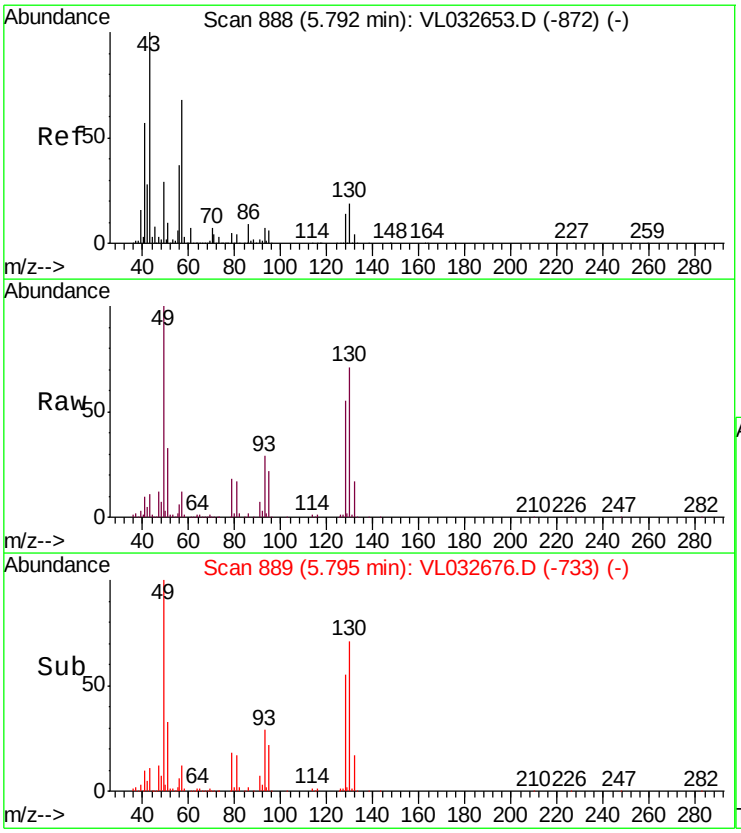
#25
Ethyl Acetate
Concen: 0.103 ppbv
RT: 5.80 min Scan# 890
Delta R.T. 0.02 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 43 Resp: 34336

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.0	12.0
61	3.5	8.0	12.0#
70	4.2	5.9	8.9#

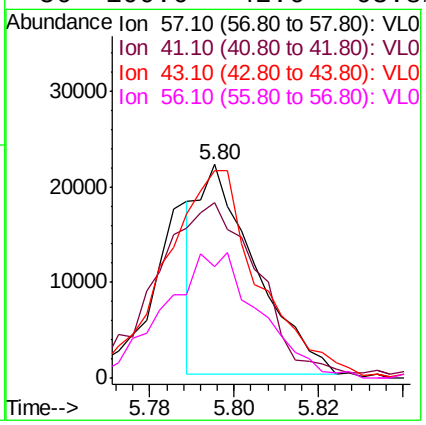


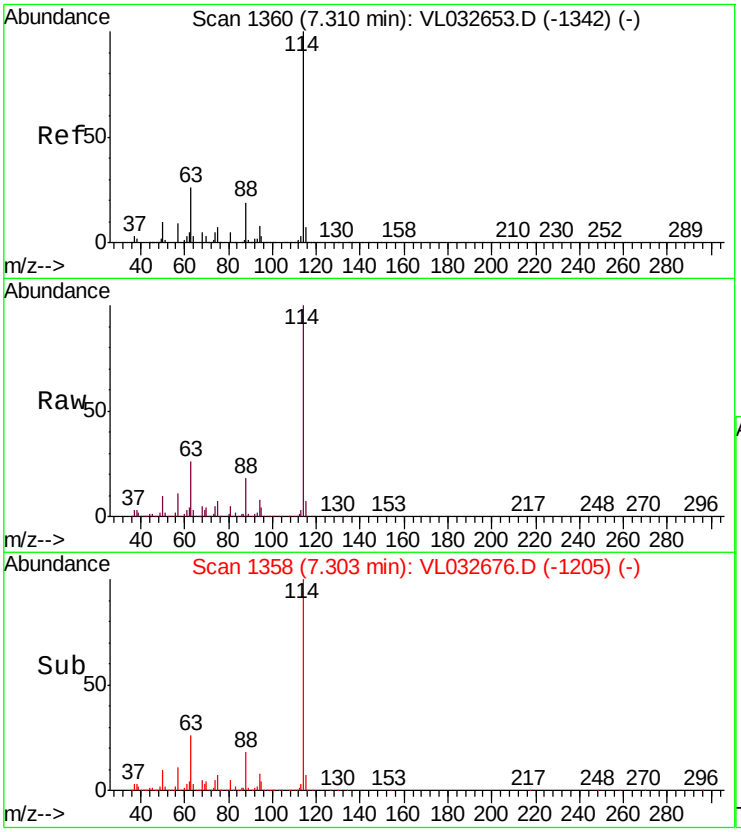


#26
Hexane
Concen: 0.131 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion: 57 Resp: 20811

Ion	Ratio	Lower	Upper
57	100		
41	153.9	67.4	101.0#
43	168.7	171.9	257.9#
56	100.6	42.6	63.8#



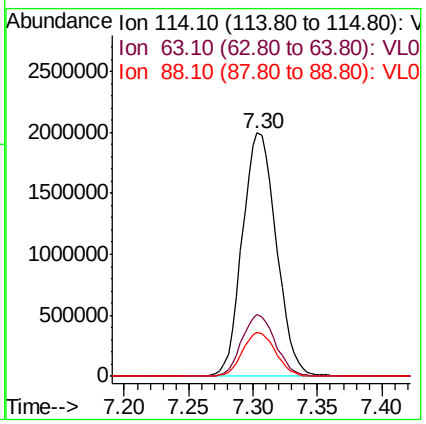


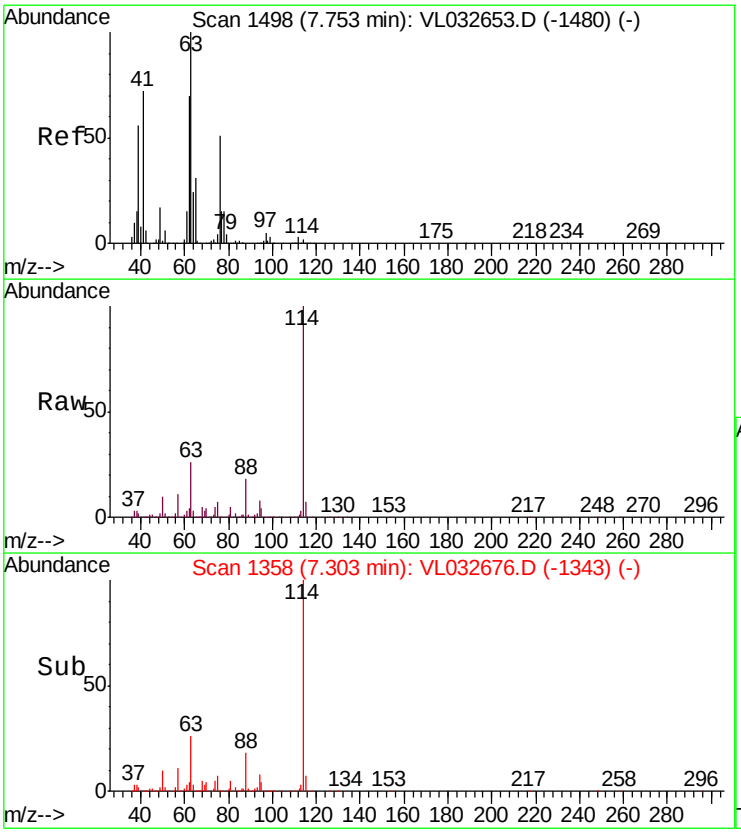
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion:114 Resp: 3672361

Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	17.8	14.9	22.3

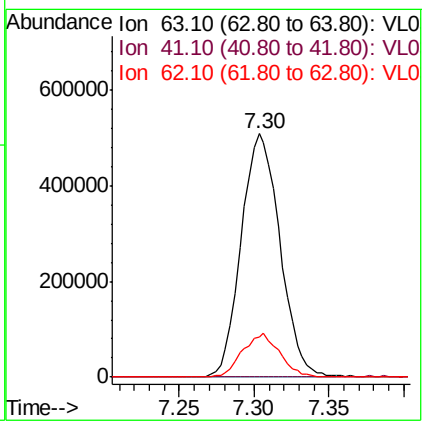


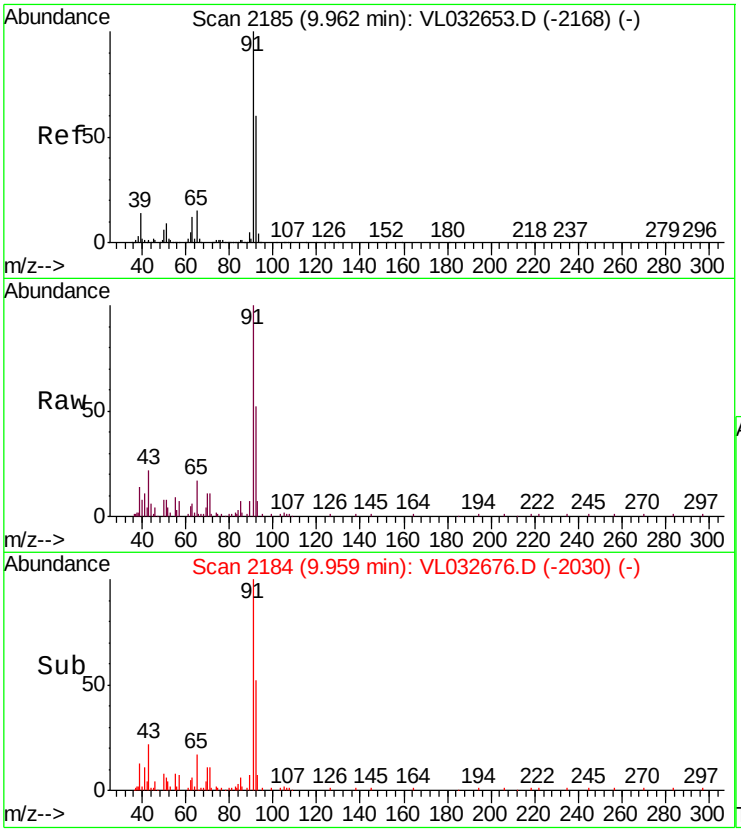


#39
1,2-Dichloropropane
Concen: 7.970 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.45 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion: 63 Resp: 917754

Ion	Ratio	Lower	Upper
63	100		
41	0.1	56.2	84.4#
62	16.5	54.4	81.6#



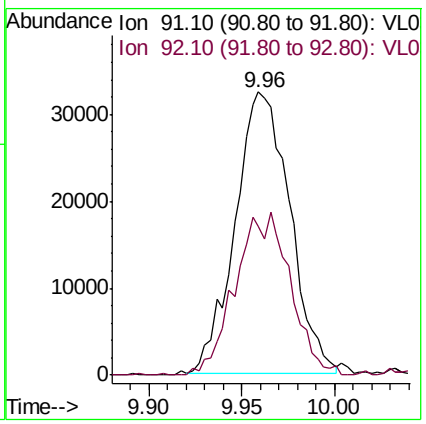


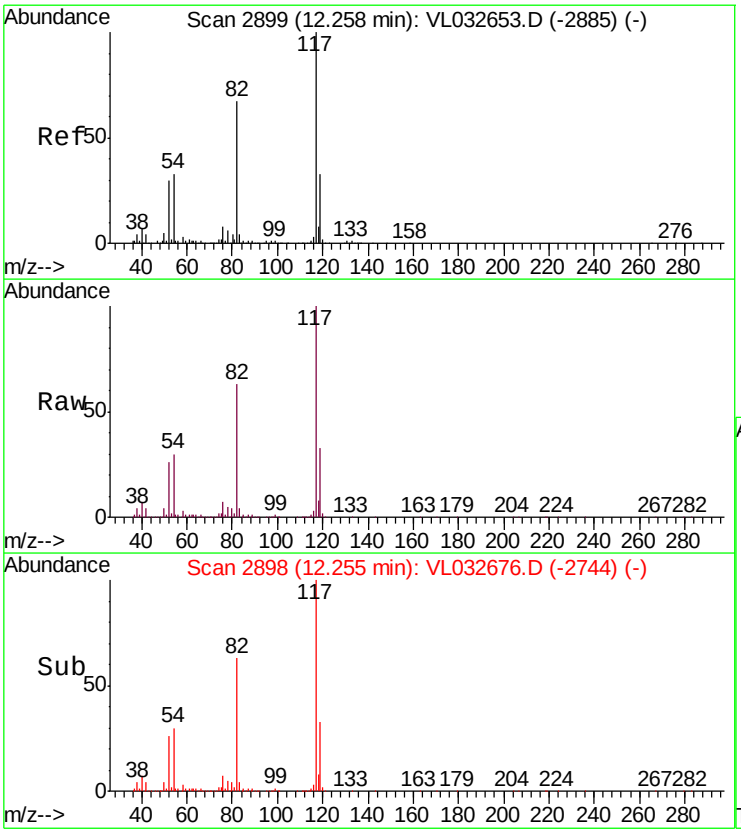
#53
Toluene
Concen: 0.194 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 91 Resp: 66154

Ion	Ratio	Lower	Upper
91	100		
92	58.5	48.4	72.6

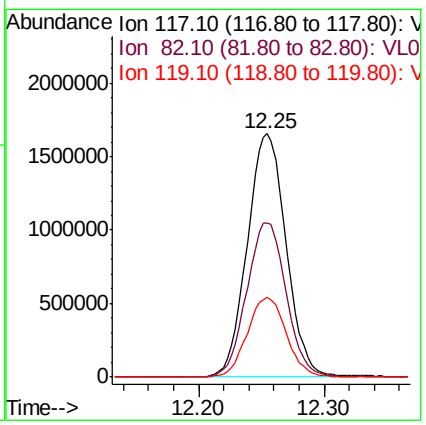


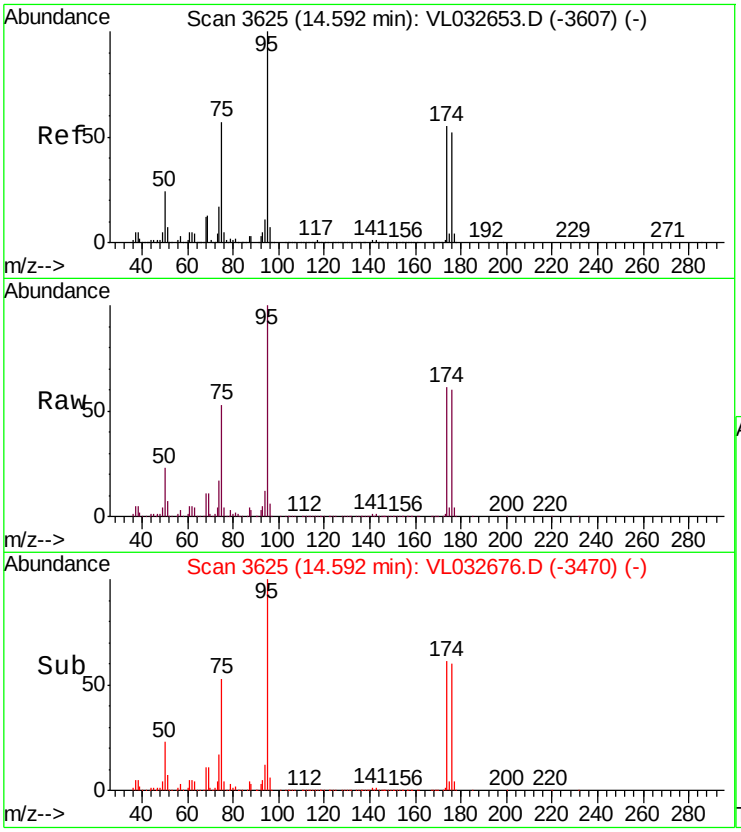


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Tgt Ion:117 Resp: 3563798

Ion	Ratio	Lower	Upper
117	100		
82	65.0	52.7	79.1
119	33.0	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.965 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032676.D
Acq: 19 Oct 2018 9:39

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tgt Ion: 95 Resp: 2644190

Ion	Ratio	Lower	Upper
95	100		
174	63.3	46.0	69.0
175	4.5	3.4	5.0