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

Quantitation Report (Not Reviewed)

Data File : VL032678.D
Acq On : 19 Oct 2018 10:58
Operator : SY/AP
Sample : J5581-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-5DL

Quant Time: Oct 19 23:12:49 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	1570708	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	3656891	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3583761	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2696940	10.11	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	9307	0.058	ppbv		94
3) Chlorodifluoromethane	3.03	51	42999	0.350	ppbv	#	89
9) Propene	3.06	41	3029	0.060	ppbv	#	15
13) Ethanol	3.66	45	185136	12.814	ppbv		98
15) Acetone	3.92	43	179022	1.234	ppbv		98
19) Isopropyl Alcohol	4.05	45	99179	0.960	ppbv	#	88
20) Methylene Chloride	4.42	84	37815	0.514	ppbv		88
25) Ethyl Acetate	5.79	43	42802	0.128	ppbv	#	91
26) Hexane	5.80	57	44298	0.280	ppbv	#	51
34) 2-Butanone	5.35	43	6136	0.031	ppbv	#	52
39) 1,2-Dichloropropane	7.31	63	909177	7.928	ppbv	#	25
53) Toluene	9.96	91	124710	0.366	ppbv		99

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

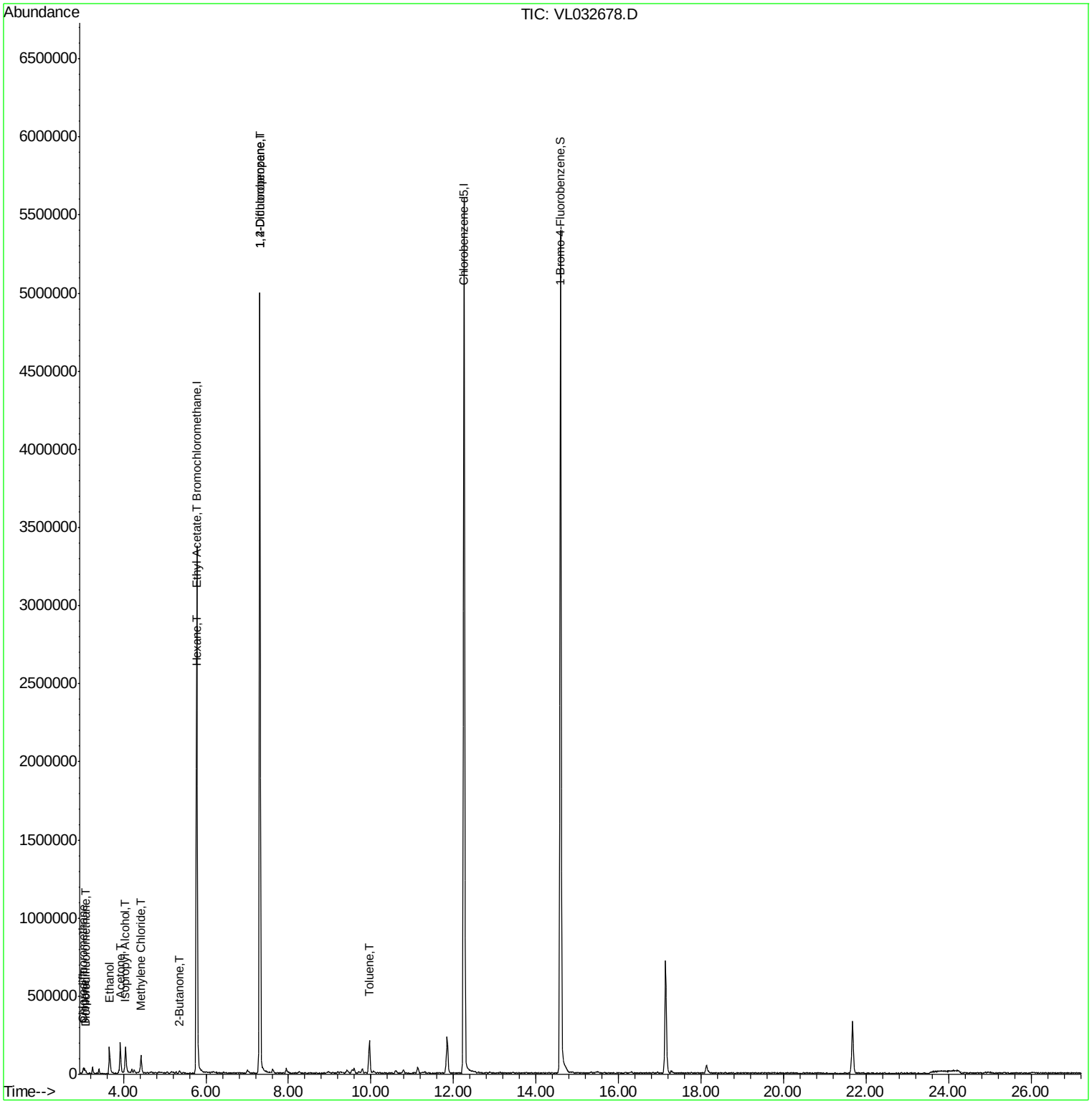
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

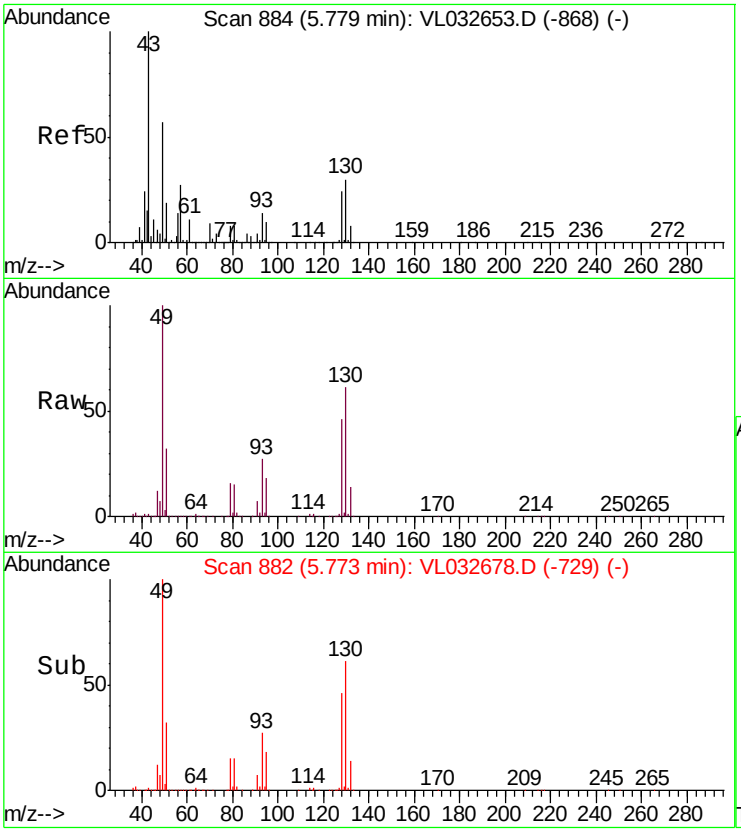
Quantitation Report (Not Reviewed)

Data File : VL032678.D
Acq On : 19 Oct 2018 10:58
Operator : SY/AP
Sample : J5581-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-5DL

Quant Time: Oct 19 23:12:49 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



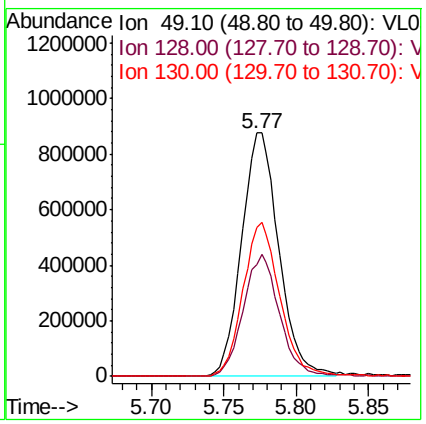


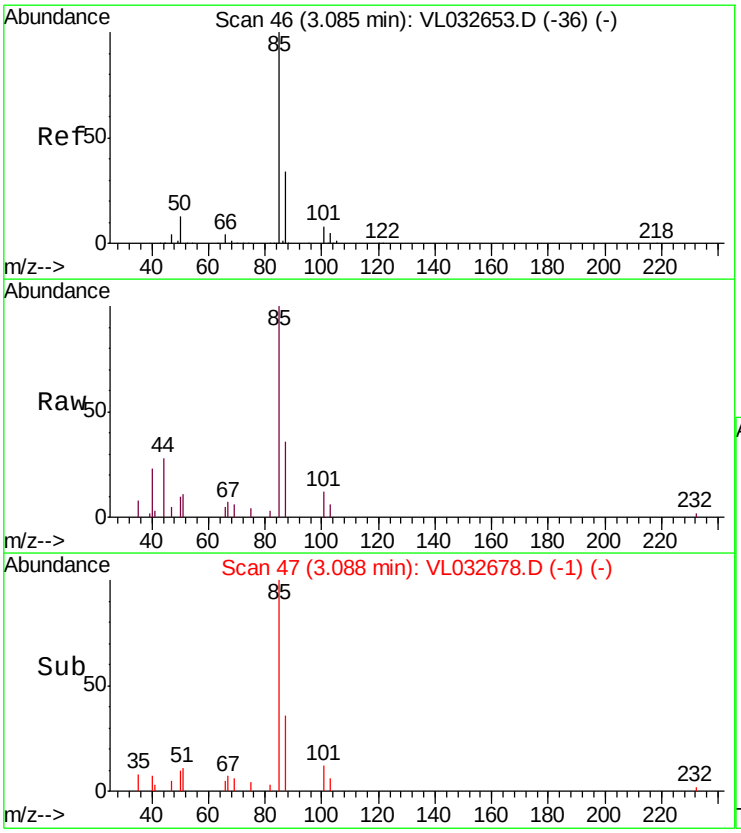
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument :
MSVOA_L
ClientSampleId :
A-5DL

Tgt Ion: 49 Resp: 1570708

Ion	Ratio	Lower	Upper
49	100		
128	49.5	22.3	66.8
130	63.2	28.4	85.3

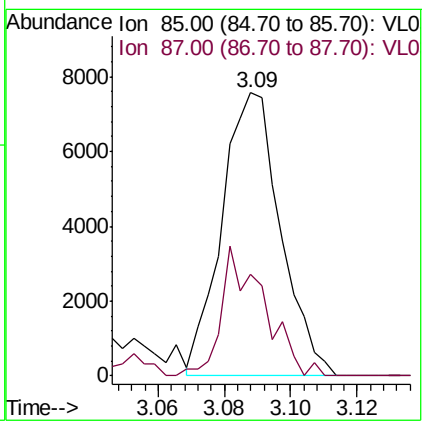


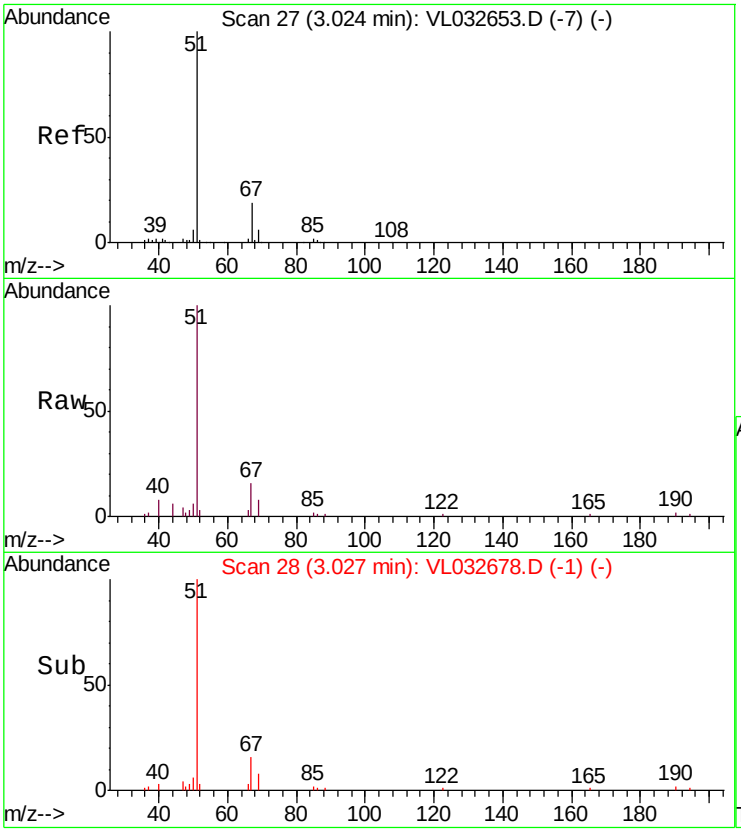


#2
Dichlorodifluoromethane
Concen: 0.058 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 85 Resp: 9307

Ion	Ratio	Lower	Upper
85	100		
87	35.9	26.2	39.2



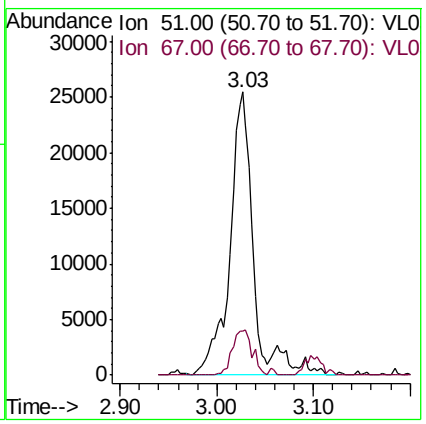


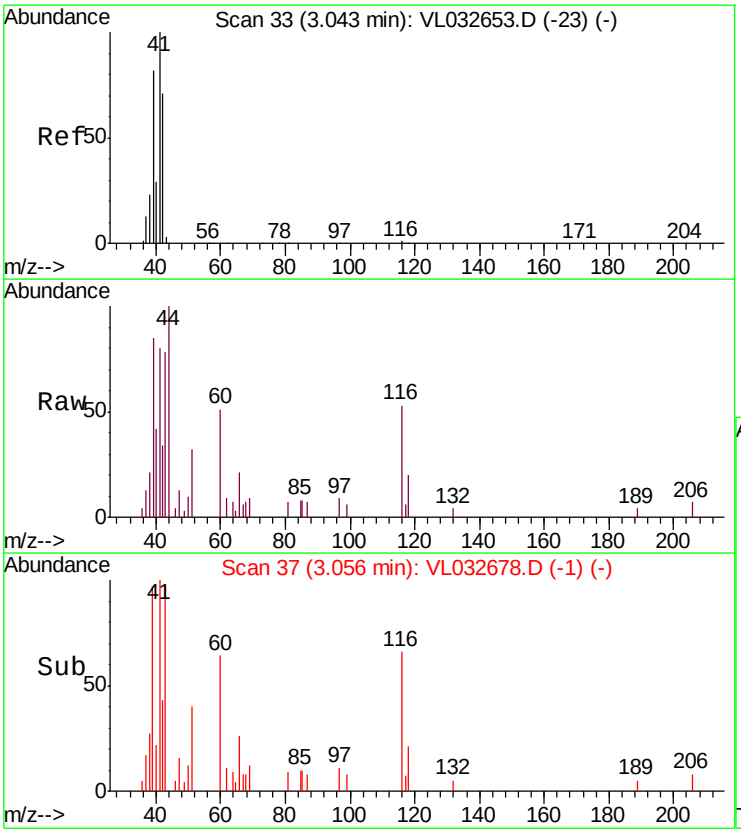
#3
Chlorodifluoromethane
Concen: 0.350 ppbv
RT: 3.03 min Scan# 28
Delta R.T. 0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument : MSVOA_L
ClientSampleId : A-5DL

Tgt Ion: 51 Resp: 42999

Ion	Ratio	Lower	Upper
51	100		
67	14.1	15.2	22.8#

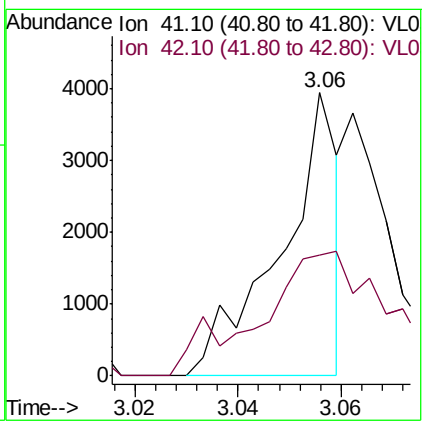


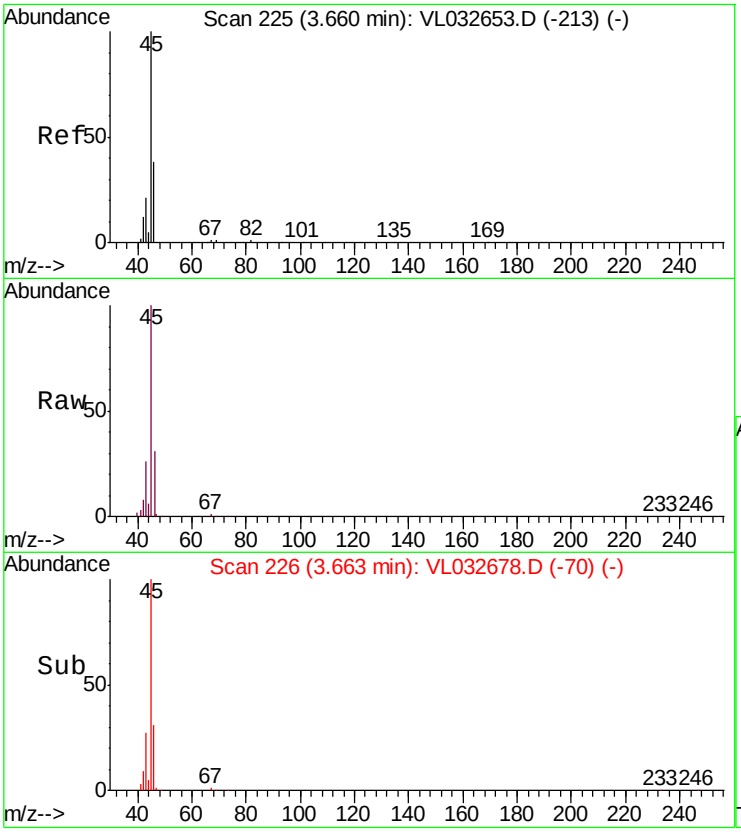


#9
Propene
Concen: 0.060 ppbv
RT: 3.06 min Scan# 37
Delta R.T. 0.01 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 41 Resp: 3029

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.4	83.0#



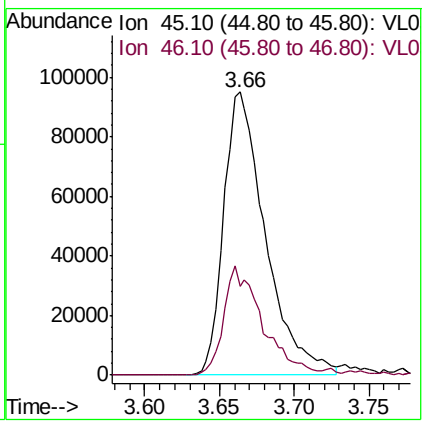


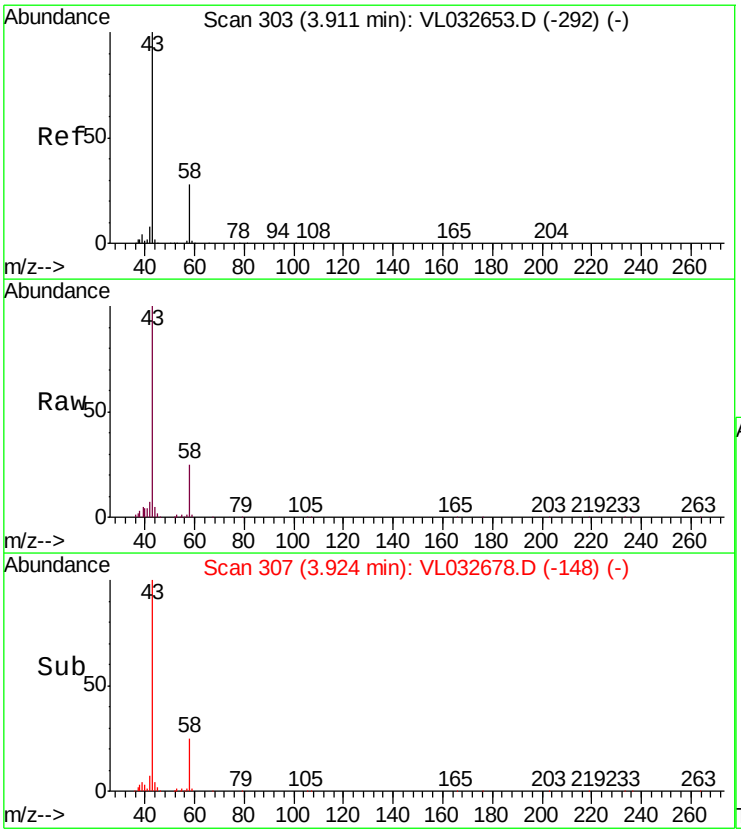
#13
Ethanol
Concen: 12.814 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument : MSVOA_L
ClientSampleId : A-5DL

Tgt Ion: 45 Resp: 185136

Ion	Ratio	Lower	Upper
45	100		
46	37.3	15.4	61.8

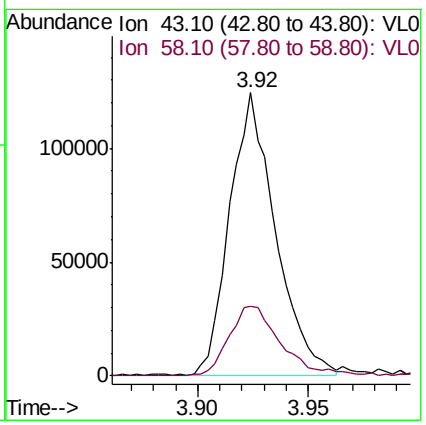


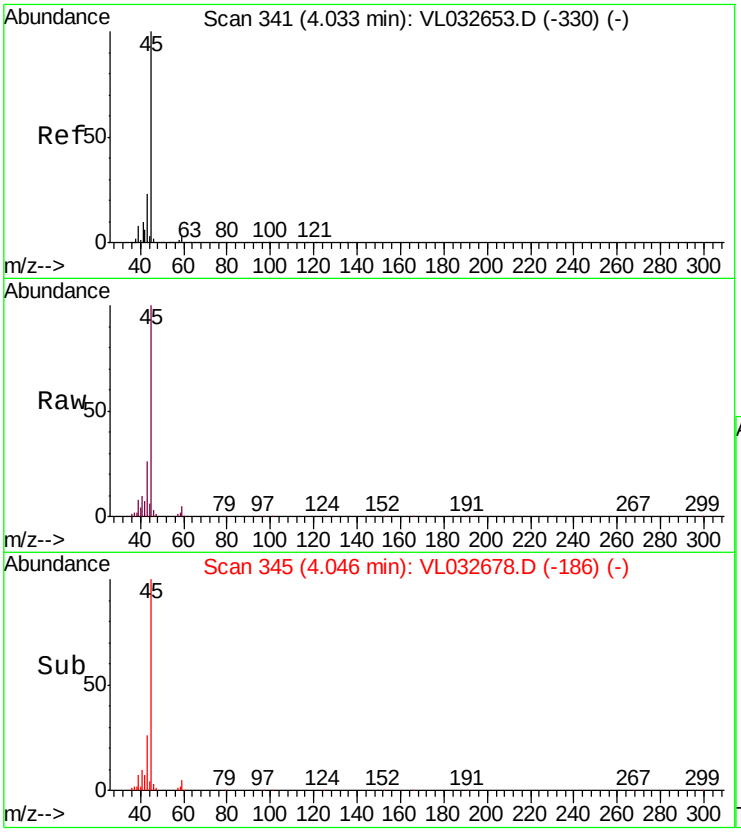


#15
Acetone
Concen: 1.234 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.01 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 43 Resp: 179022

Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1



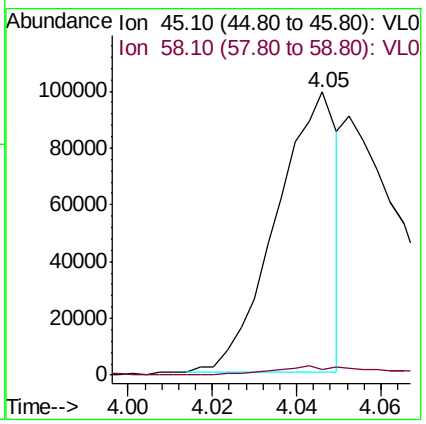


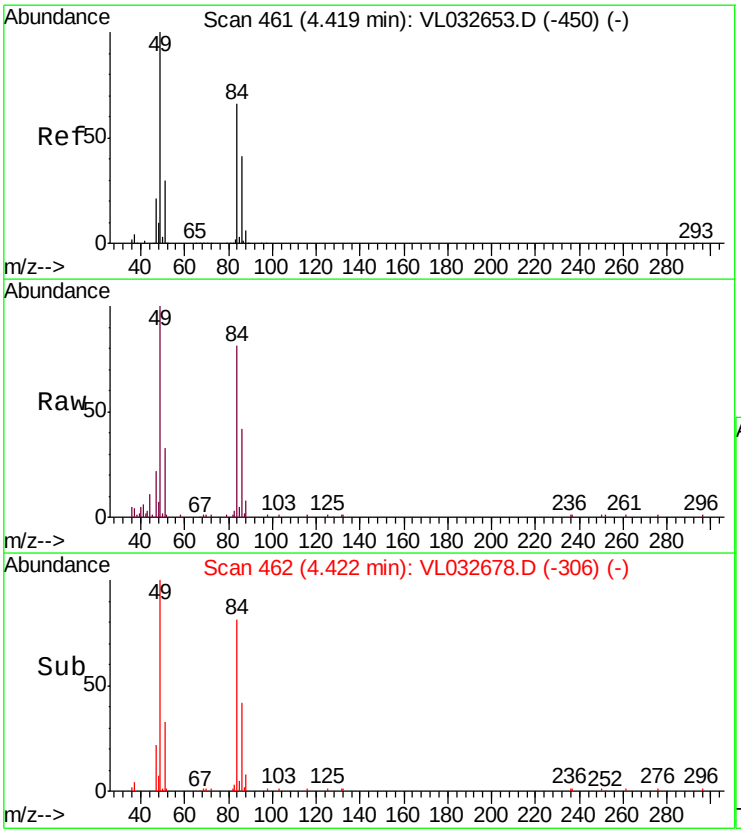
#19
Isopropyl Alcohol
Concen: 0.960 ppbv
RT: 4.05 min Scan# 345
Delta R.T. 0.01 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument : MSVOA_L
ClientSampleId : A-5DL

Tgt Ion: 45 Resp: 99179

Ion	Ratio	Lower	Upper
45	100		
58	6.5	2.0	3.0#

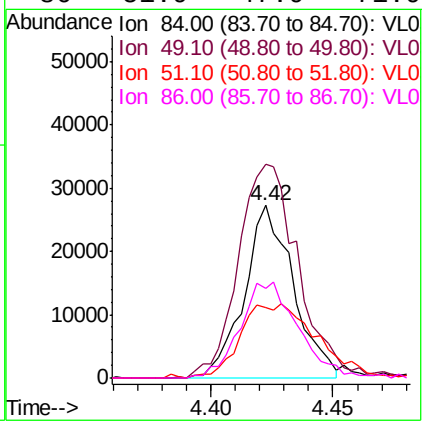


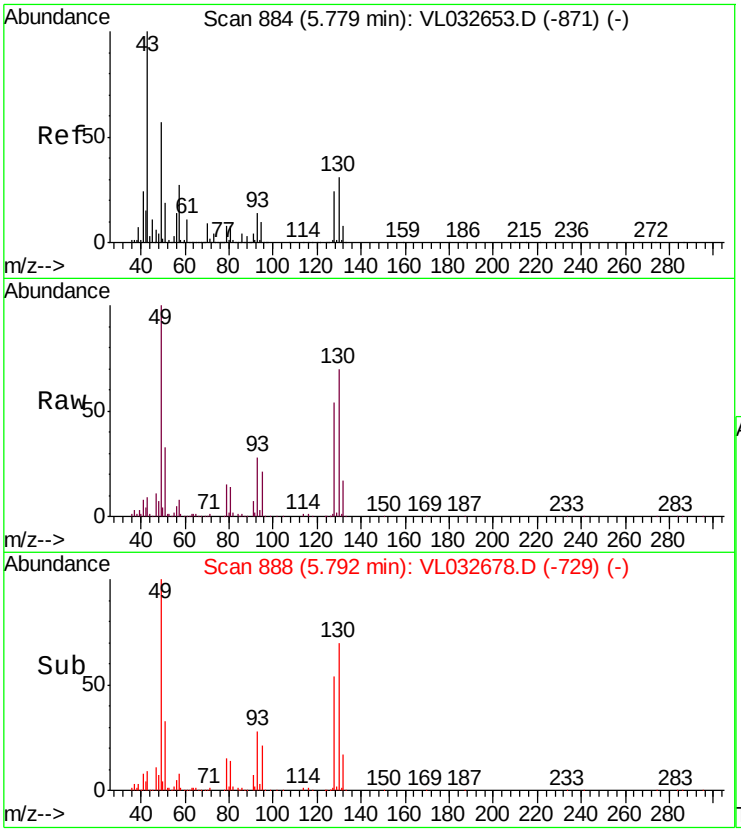


#20
Methylene Chloride
Concen: 0.514 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 84 Resp: 37815

Ion	Ratio	Lower	Upper
84	100		
49	123.8	113.5	170.3
51	40.9	34.8	52.2
86	51.9	47.9	71.9



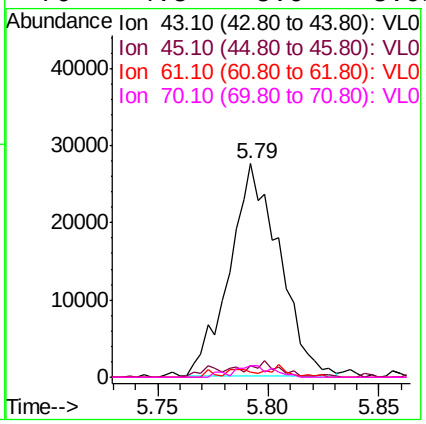


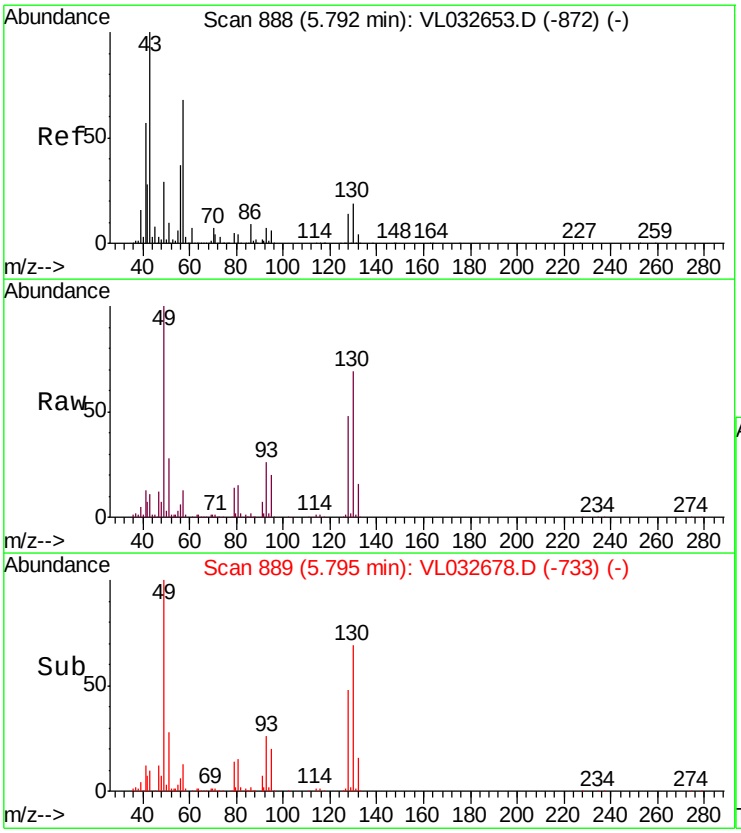
#25
Ethyl Acetate
Concen: 0.128 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.01 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument : MSVOA_L
ClientSampleId : A-5DL

Tgt Ion: 43 Resp: 42802

Ion	Ratio	Lower	Upper
43	100		
45	8.0	8.0	12.0#
61	4.9	8.0	12.0#
70	4.5	5.9	8.9#

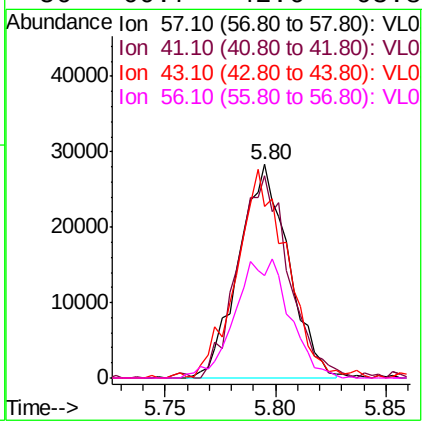


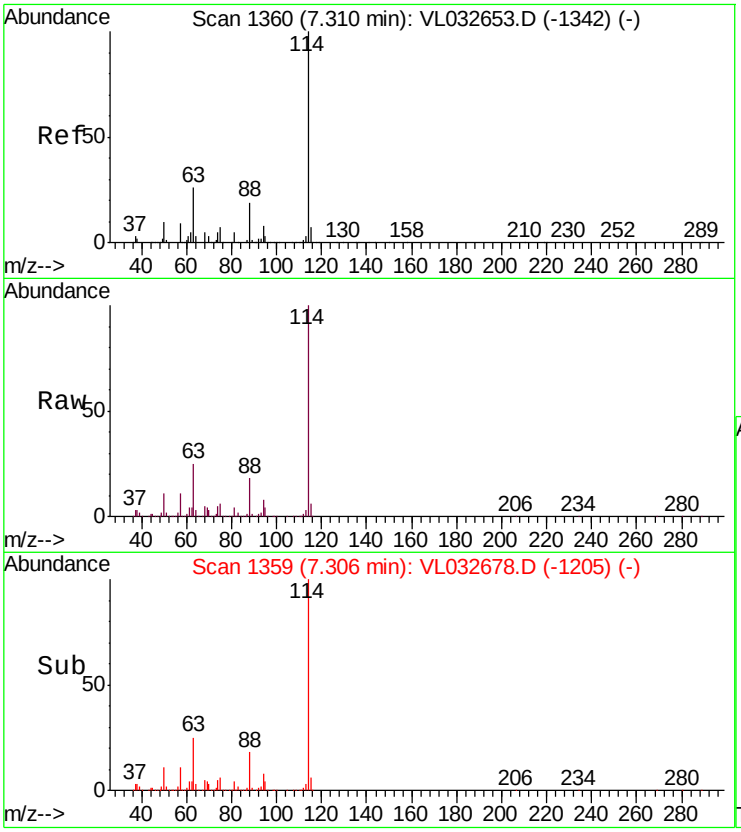


#26
Hexane
Concen: 0.280 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 57 Resp: 44298

Ion	Ratio	Lower	Upper
57	100		
41	99.6	67.4	101.0
43	101.4	171.9	257.9#
56	60.7	42.6	63.8



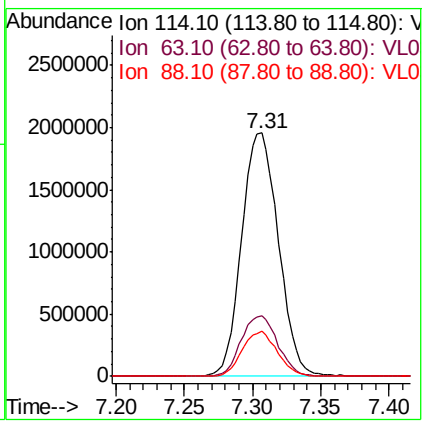


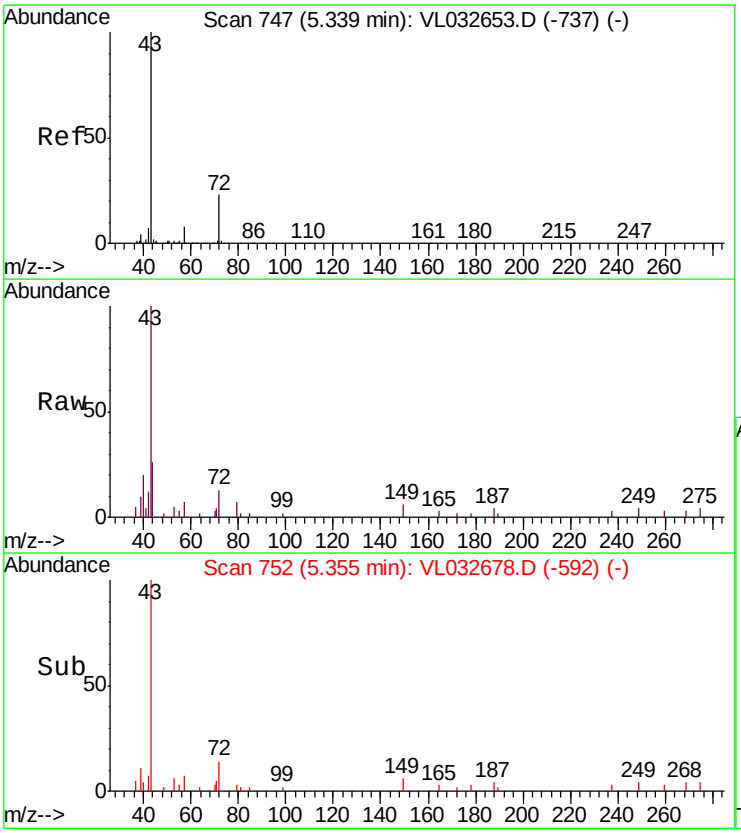
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument :
MSVOA_L
ClientSampleId :
A-5DL

Tgt Ion:114 Resp: 3656891

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.7	32.5
88	17.8	14.9	22.3

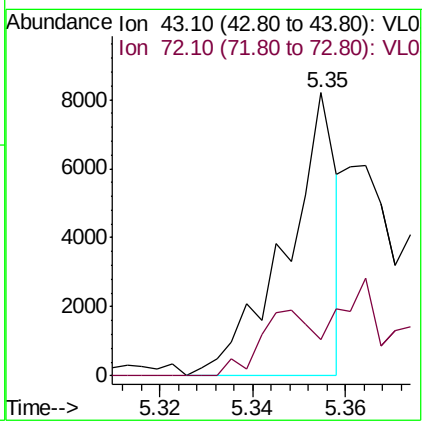


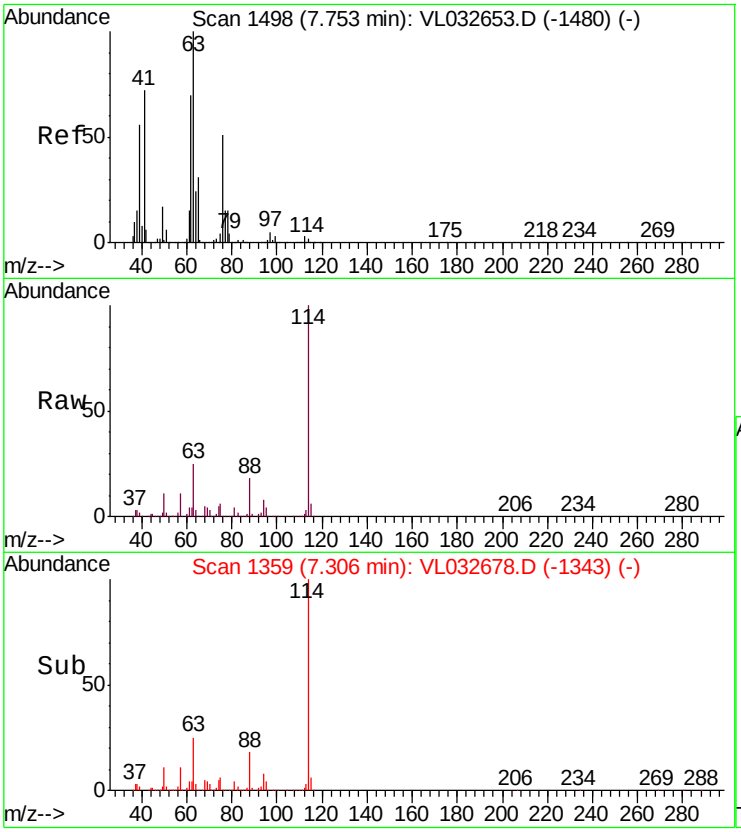


#34
2-Butanone
Concen: 0.031 ppbv
RT: 5.35 min Scan# 752
Delta R.T. 0.02 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 43 Resp: 6136

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



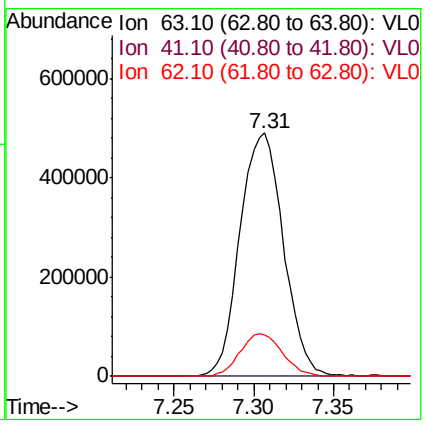


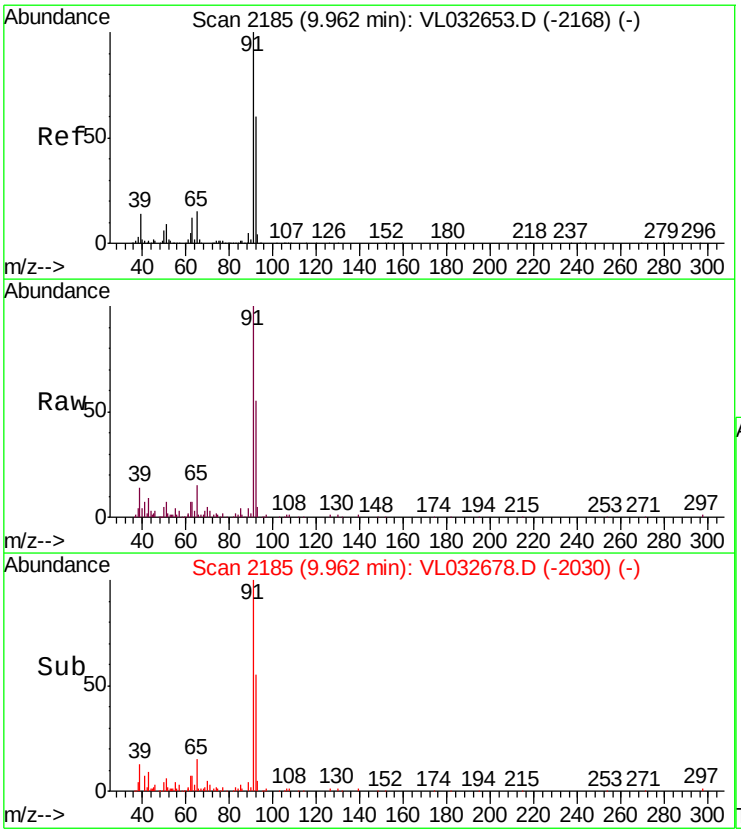
#39
1,2-Dichloropropane
Concen: 7.928 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.45 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument : MSVOA_L
ClientSampleId : A-5DL

Tgt Ion: 63 Resp: 909177

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	16.7	54.4	81.6#

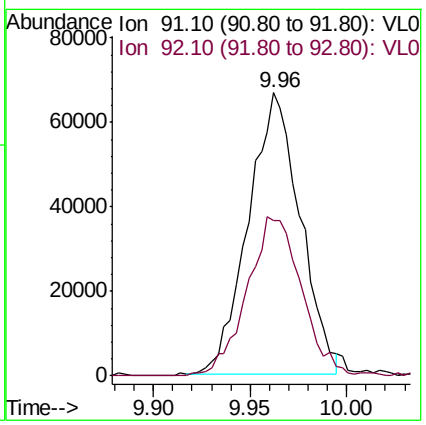


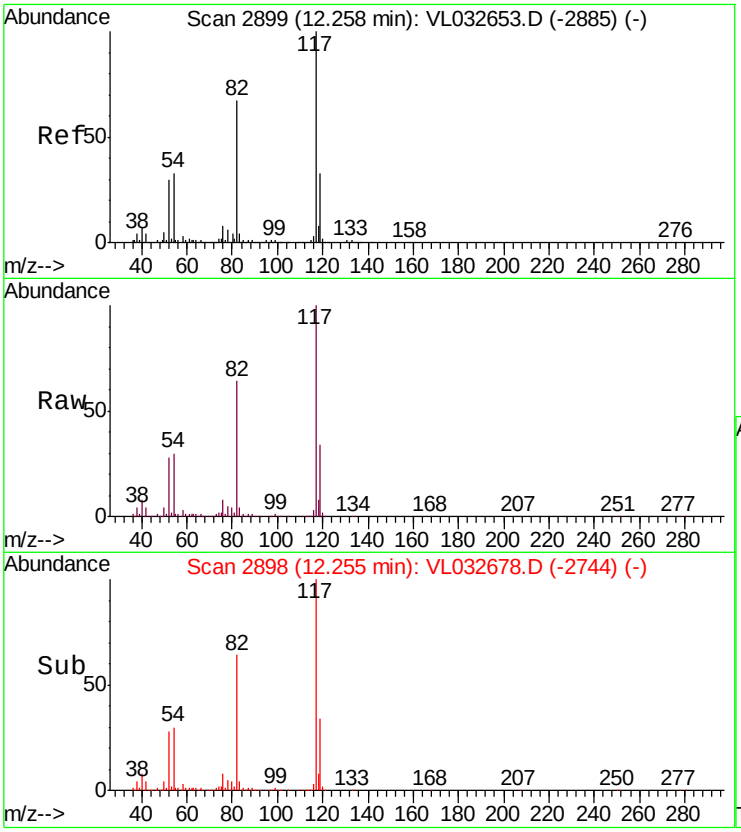


#53
Toluene
Concen: 0.366 ppbv
RT: 9.96 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 91 Resp: 124710

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.4	72.6



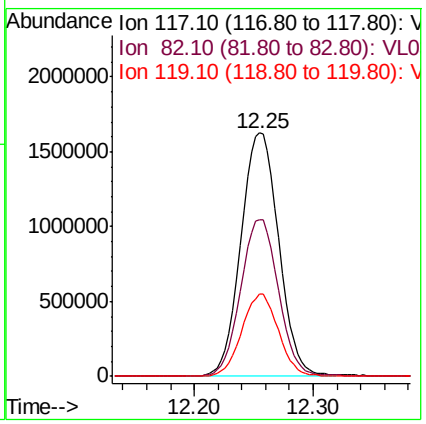


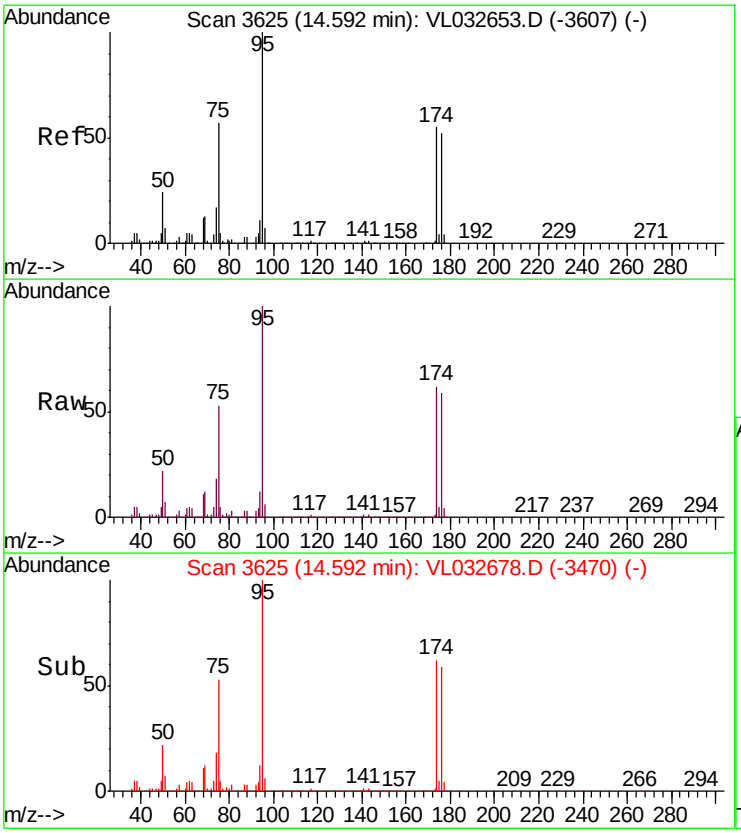
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Instrument : MSVOA_L
ClientSampleId : A-5DL

Tgt Ion:117 Resp: 3583761

Ion	Ratio	Lower	Upper
117	100		
82	64.6	52.7	79.1
119	32.9	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.107 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032678.D
Acq: 19 Oct 2018 10:58

Tgt Ion: 95 Resp: 2696940

Ion	Ratio	Lower	Upper
95	100		
174	63.6	46.0	69.0
175	4.7	3.4	5.0