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

Quantitation Report (Not Reviewed)

Data File : VL032682.D
Acq On : 19 Oct 2018 13:36
Operator : SY/AP
Sample : J5581-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : D-2DL

Quant Time: Oct 19 23:14:03 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	5.78	49	1591429	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	3689482	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3567319	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2676866	10.08	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	9665	0.060	ppbv		100
3) Chlorodifluoromethane	3.00	51	288351	2.317	ppbv	#	58
4) Chloromethane	3.19	50	3489	0.050	ppbv	#	85
9) Propene	3.06	41	5966	0.116	ppbv		94
11) Trichlorofluoromethane	4.02	101	6159	0.029	ppbv		95
13) Ethanol	3.66	45	673135	45.983	ppbv		97
15) Acetone	3.92	43	184822	1.258	ppbv		97
19) Isopropyl Alcohol	4.04	45	282504	2.699	ppbv		99
20) Methylene Chloride	4.42	84	36592	0.491	ppbv	#	89
25) Ethyl Acetate	5.79	43	26321	0.078	ppbv	#	91
26) Hexane	5.80	57	46648	0.291	ppbv	#	49
39) 1,2-Dichloropropane	7.30	63	922224	7.971	ppbv	#	25
53) Toluene	9.96	91	56213	0.164	ppbv	#	20

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

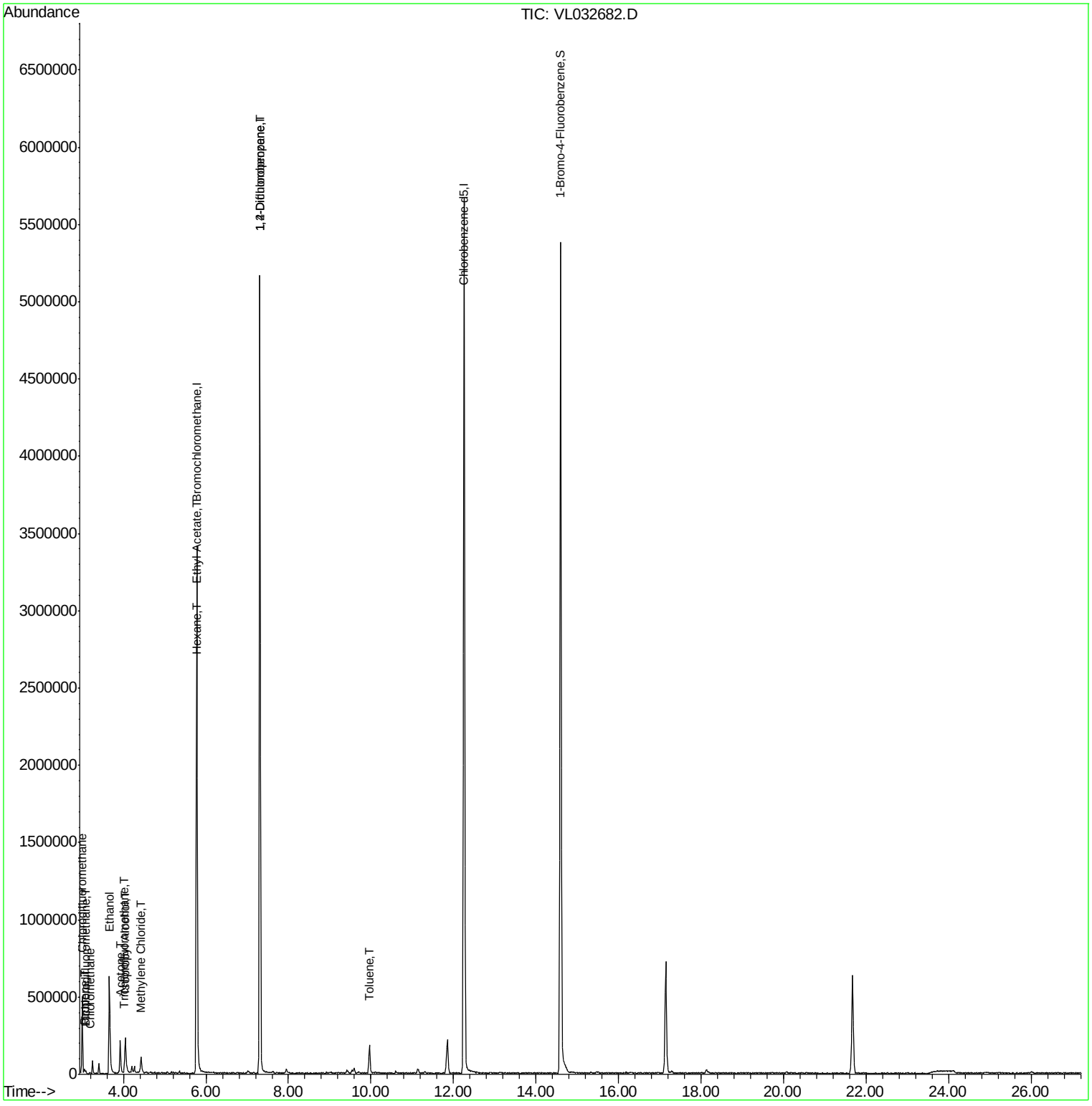
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

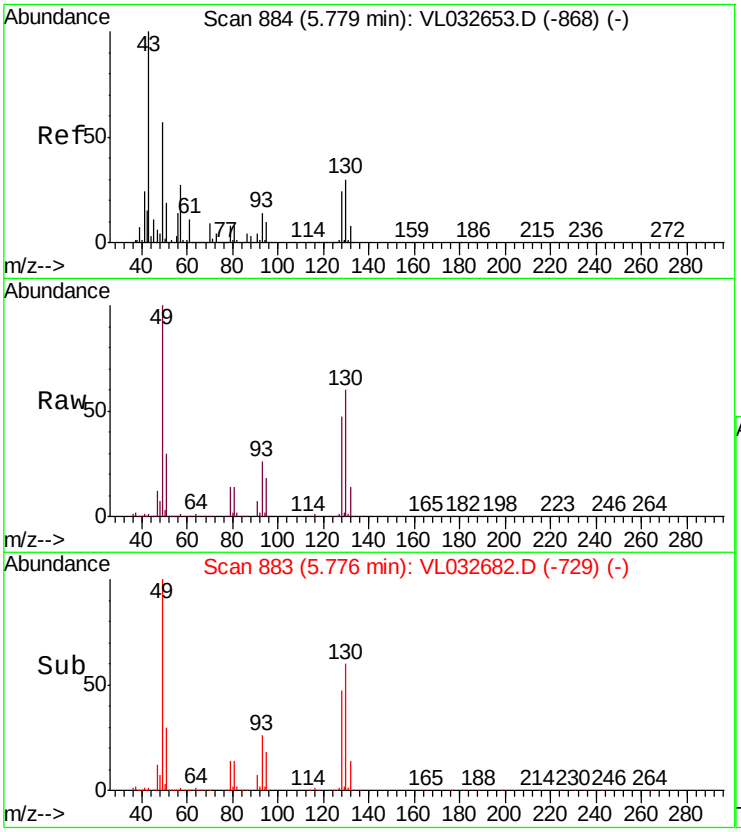
Quantitation Report (Not Reviewed)

Data File : VL032682.D
Acq On : 19 Oct 2018 13:36
Operator : SY/AP
Sample : J5581-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : D-2DL

Quant Time: Oct 19 23:14:03 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



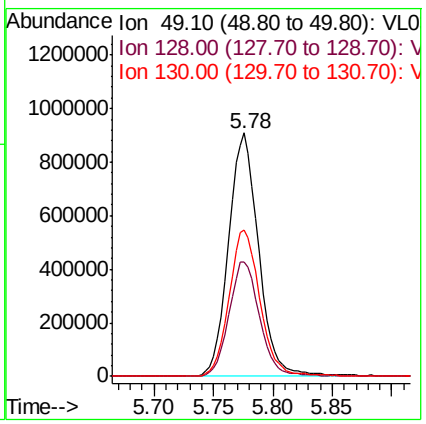


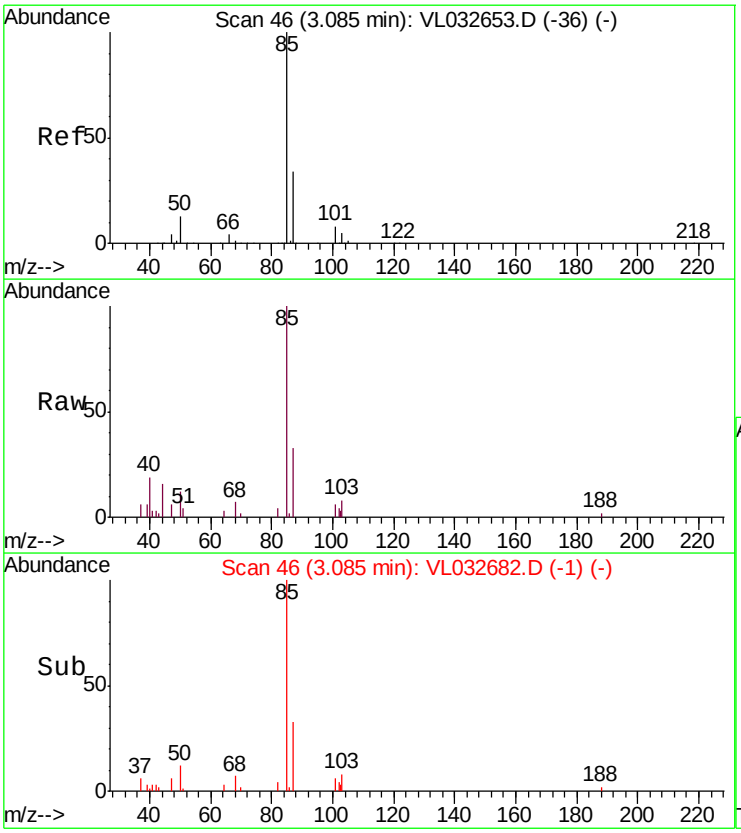
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument : MSVOA_L
ClientSampleId : D-2DL

Tgt Ion: 49 Resp: 1591429

Ion	Ratio	Lower	Upper
49	100		
128	48.1	22.3	66.8
130	62.5	28.4	85.3

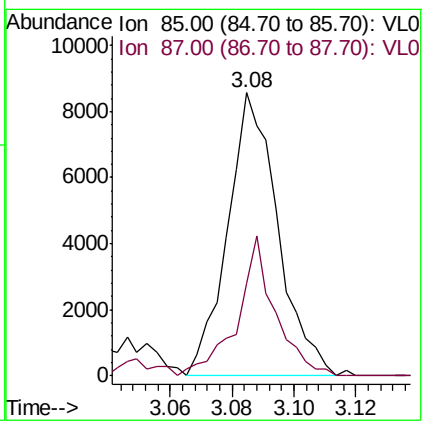


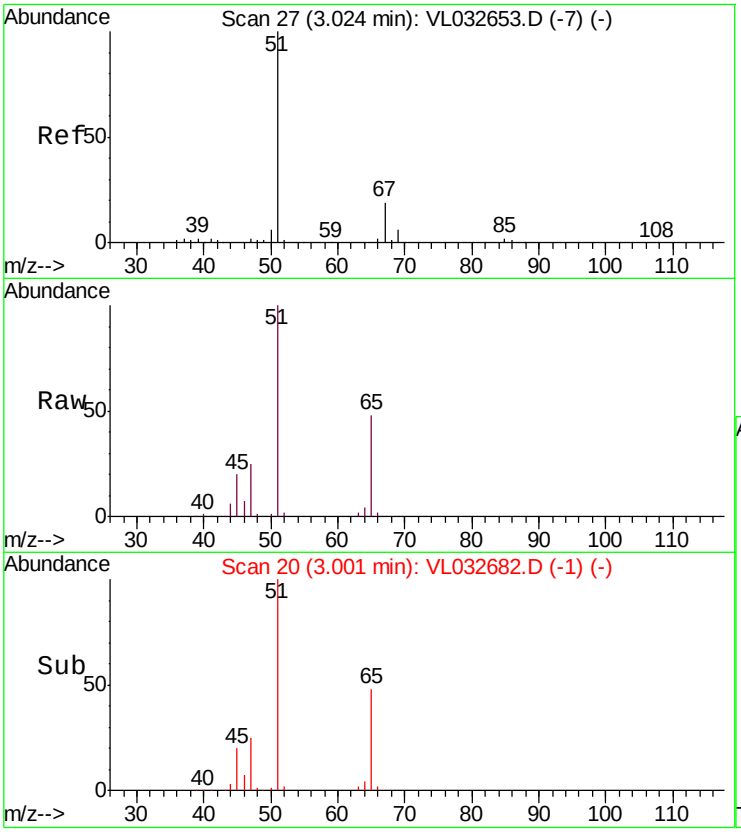


#2
Dichlorodifluoromethane
Concen: 0.060 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 85 Resp: 9665

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.2



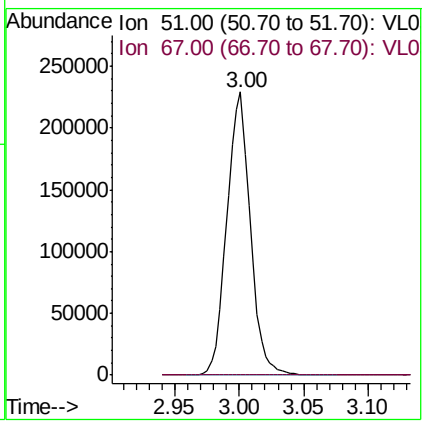


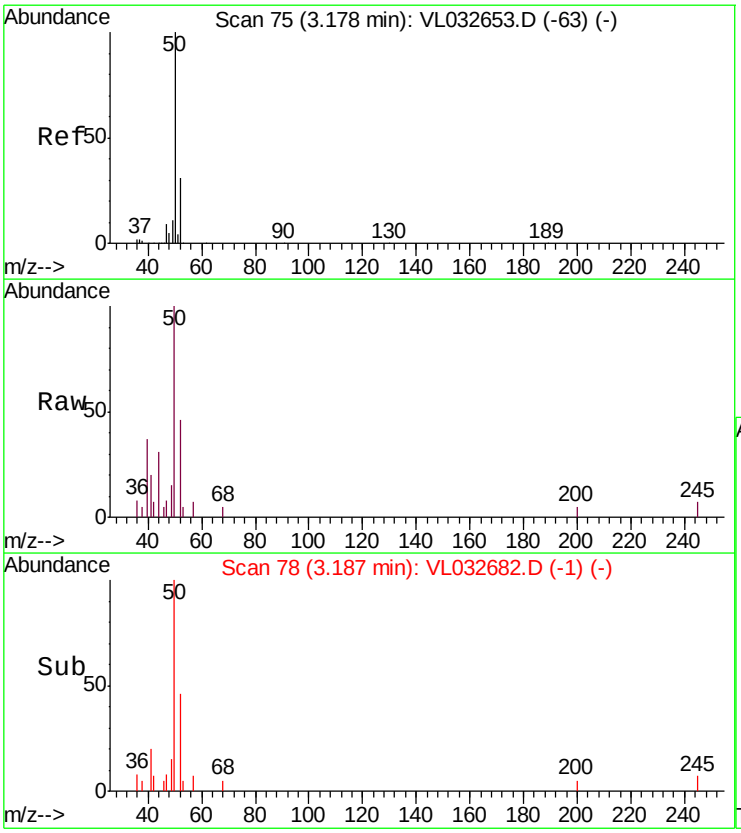
#3
Chlorodifluoromethane
Concen: 2.317 ppbv
RT: 3.00 min Scan# 20
Delta R.T. -0.02 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument :
MSVOA_L
ClientSampleId :
D-2DL

Tgt Ion: 51 Resp: 288351

Ion	Ratio	Lower	Upper
51	100		
67	0.3	15.2	22.8#

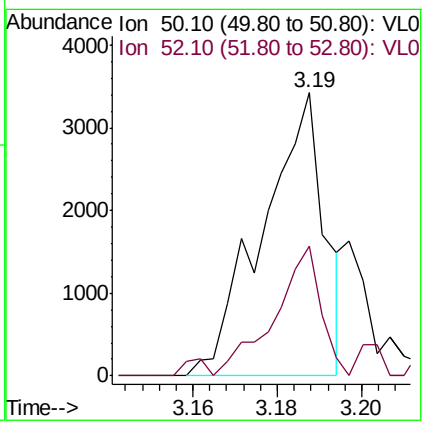


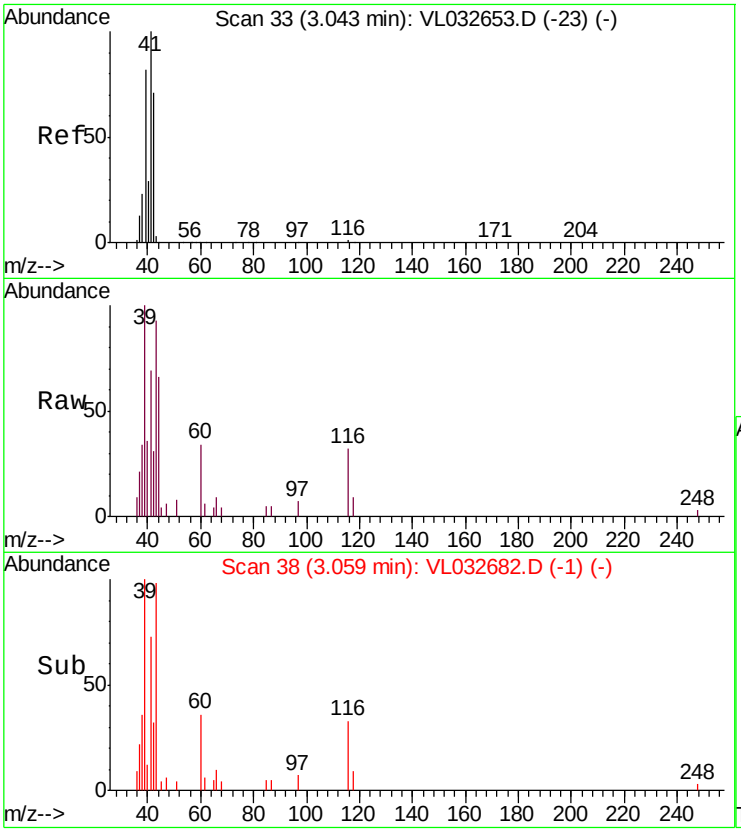


#4
Chloromethane
Concen: 0.050 ppbv
RT: 3.19 min Scan# 78
Delta R.T. 0.01 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 50 Resp: 3489

Ion	Ratio	Lower	Upper
50	100		
52	40.8	25.9	38.9#



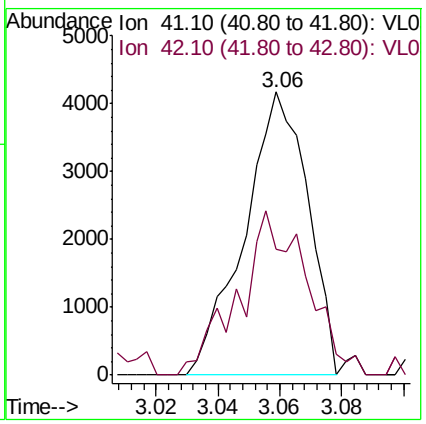


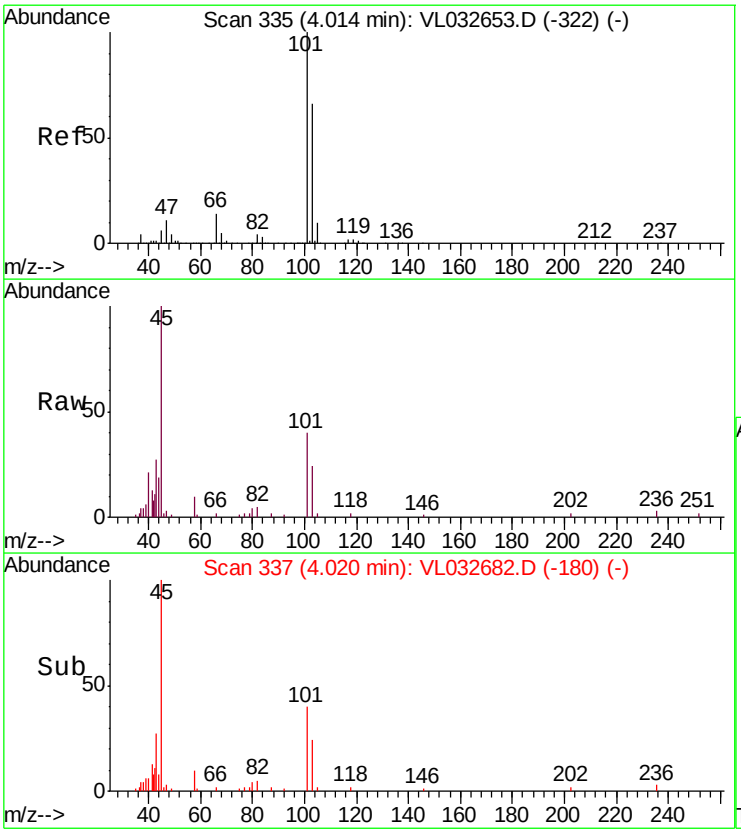
#9
Propene
Concen: 0.116 ppbv
RT: 3.06 min Scan# 38
Delta R.T. 0.02 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument :
MSVOA_L
ClientSampleId :
D-2DL

Tgt Ion: 41 Resp: 5966

Ion	Ratio	Lower	Upper
41	100		
42	74.3	55.4	83.0

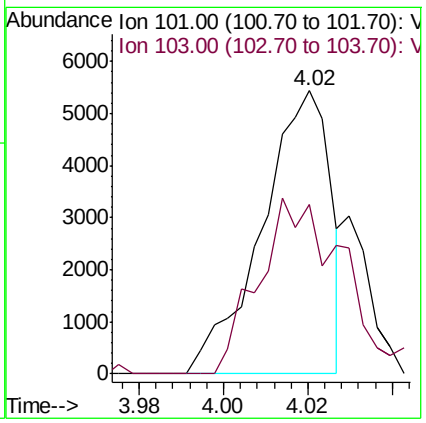


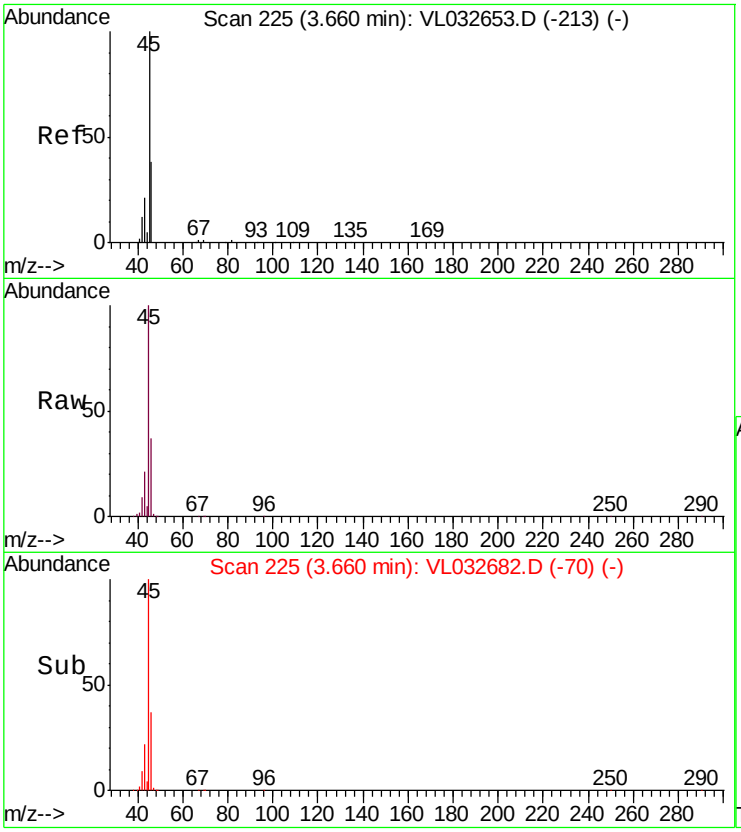


#11
Trichlorofluoromethane
Concen: 0.029 ppbv
RT: 4.02 min Scan# 337
Delta R.T. 0.01 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion:101 Resp: 6159

Ion	Ratio	Lower	Upper
101	100		
103	60.1	51.4	77.2



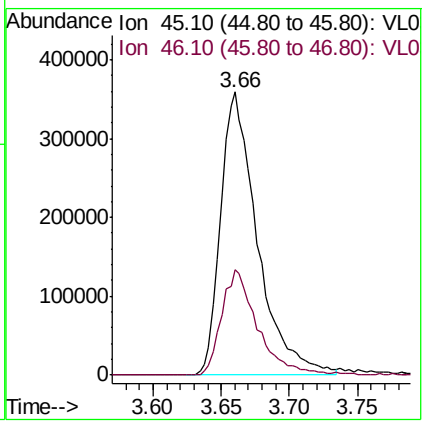


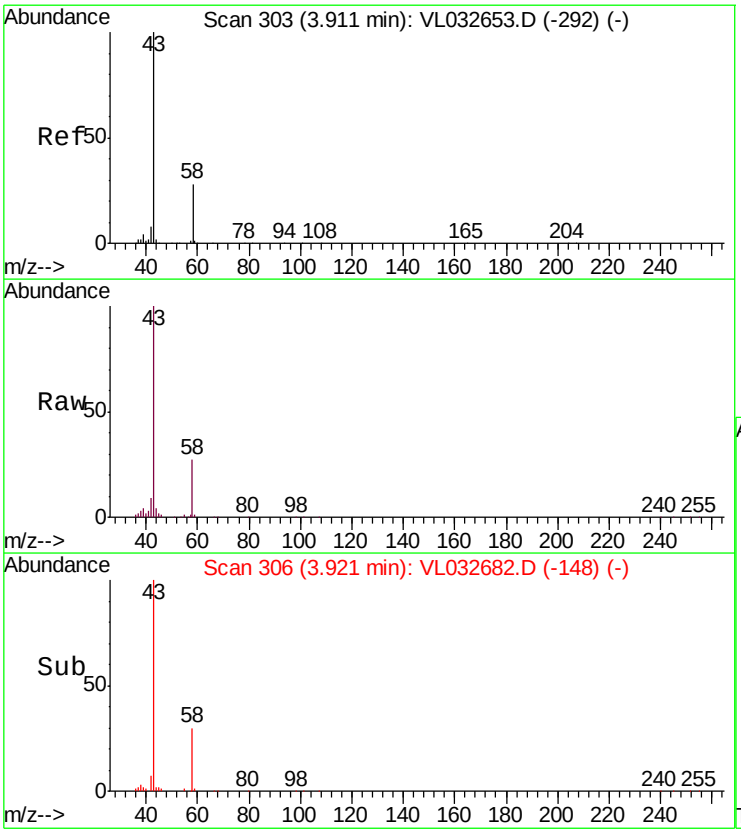
#13
Ethanol
Concen: 45.983 ppbv
RT: 3.66 min Scan# 225
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument : MSVOA_L
ClientSampleId : D-2DL

Tgt Ion: 45 Resp: 673135

Ion	Ratio	Lower	Upper
45	100		
46	36.5	15.4	61.8

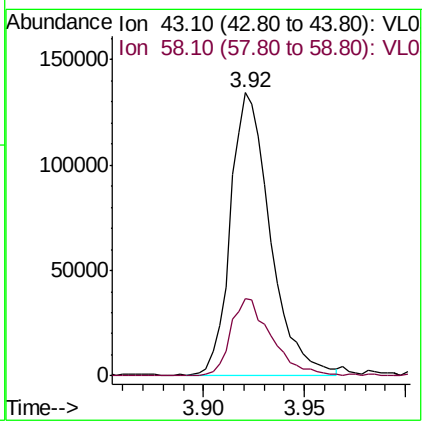


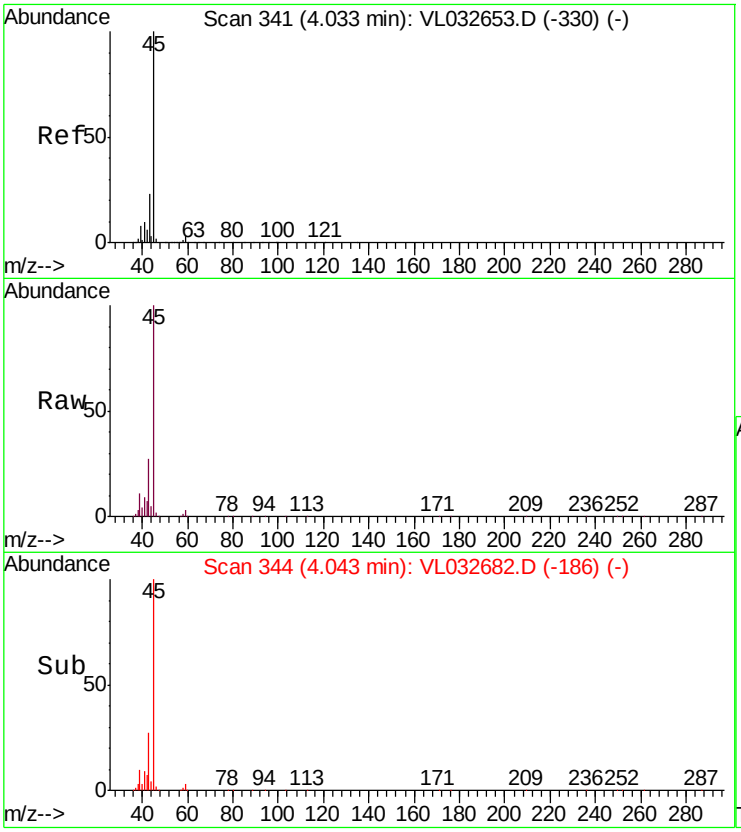


#15
Acetone
Concen: 1.258 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 43 Resp: 184822

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.1	33.1



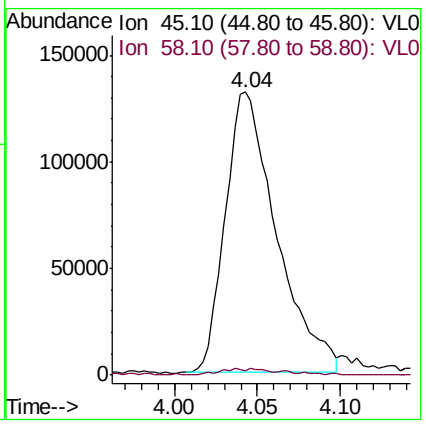


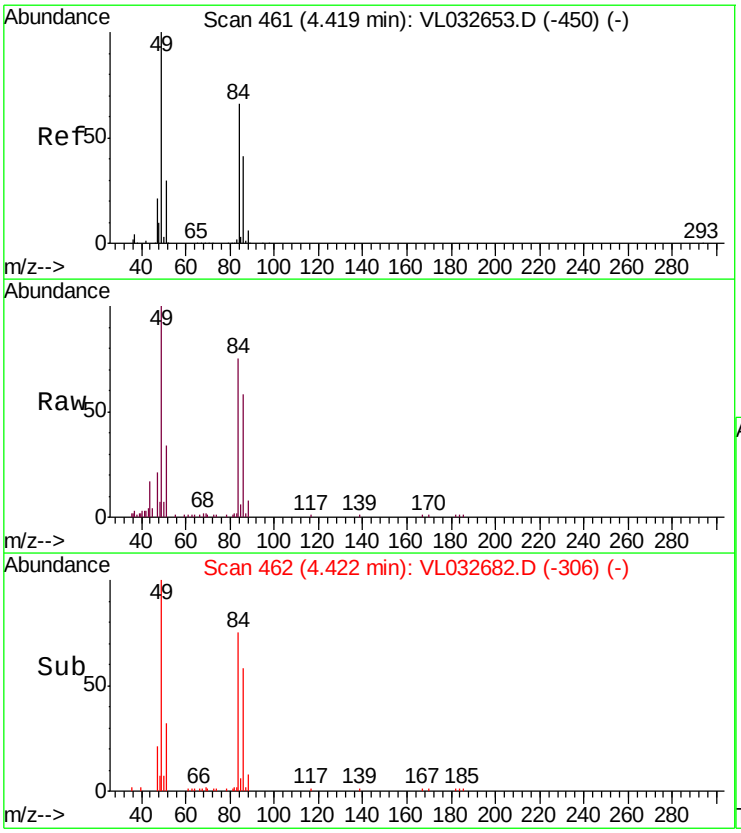
#19
Isopropyl Alcohol
Concen: 2.699 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.01 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument : MSVOA_L
ClientSampleId : D-2DL

Tgt Ion: 45 Resp: 282504

Ion	Ratio	Lower	Upper
45	100		
58	3.0	2.0	3.0

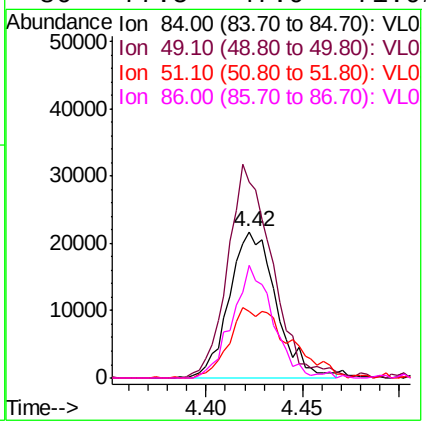


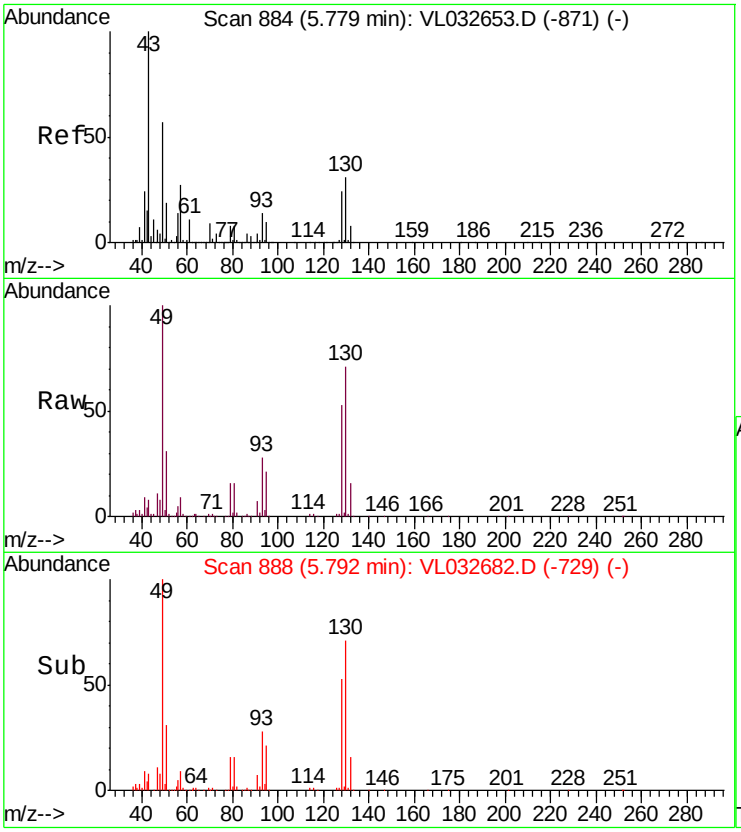


#20
Methylene Chloride
Concen: 0.491 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 84 Resp: 36592

Ion	Ratio	Lower	Upper
84	100		
49	132.6	113.5	170.3
51	45.8	34.8	52.2
86	77.5	47.9	71.9#



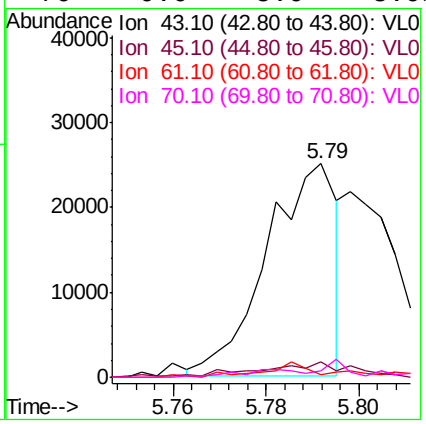


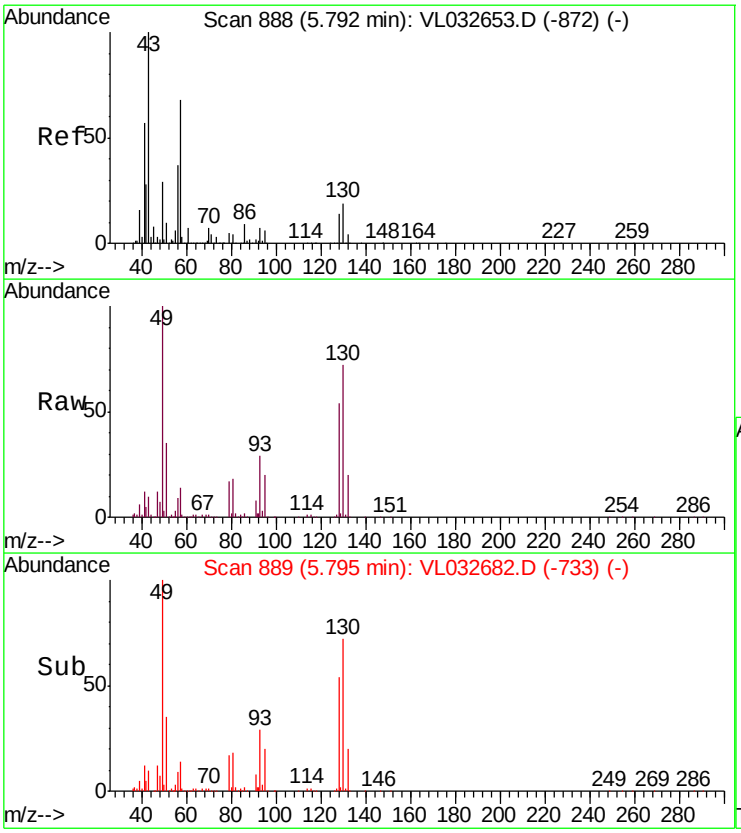
#25
Ethyl Acetate
Concen: 0.078 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.01 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument : MSVOA_L
ClientSampleId : D-2DL

Tgt Ion: 43 Resp: 26321

Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.0	12.0
61	7.1	8.0	12.0#
70	0.0	5.9	8.9#

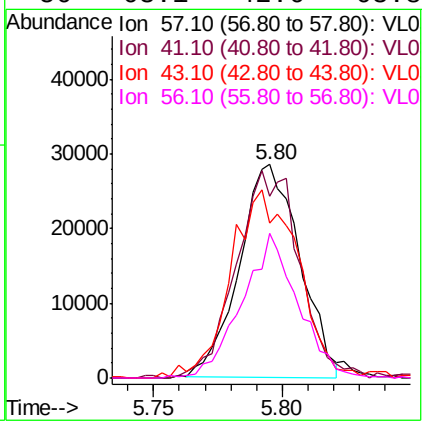


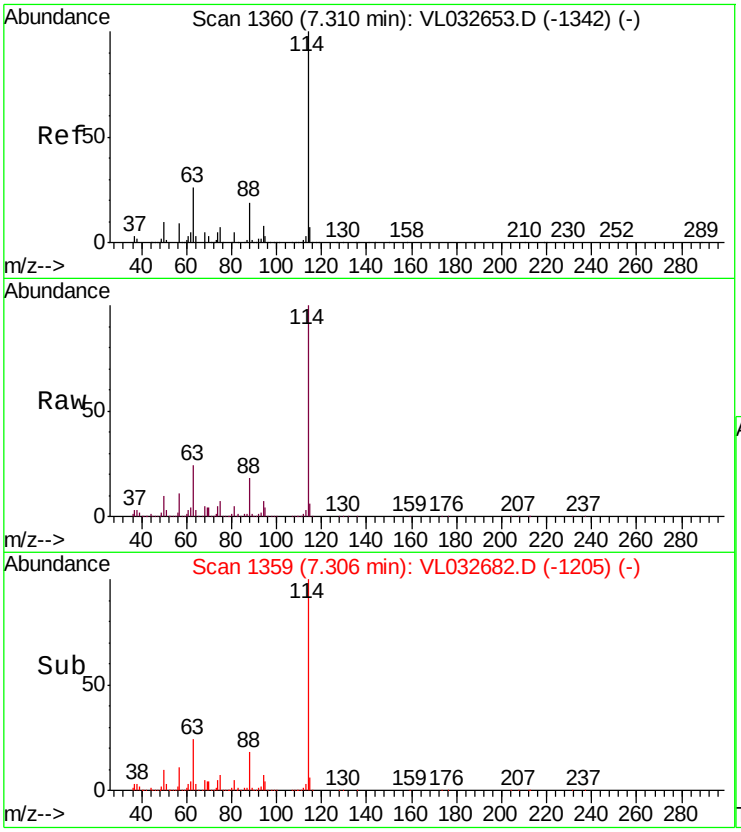


#26
Hexane
Concen: 0.291 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 57 Resp: 46648

Ion	Ratio	Lower	Upper
57	100		
41	103.0	67.4	101.0#
43	99.7	171.9	257.9#
56	63.1	42.6	63.8



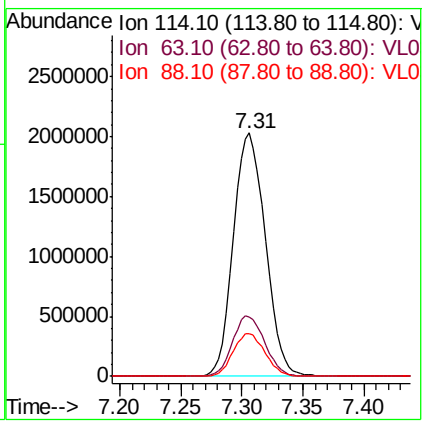


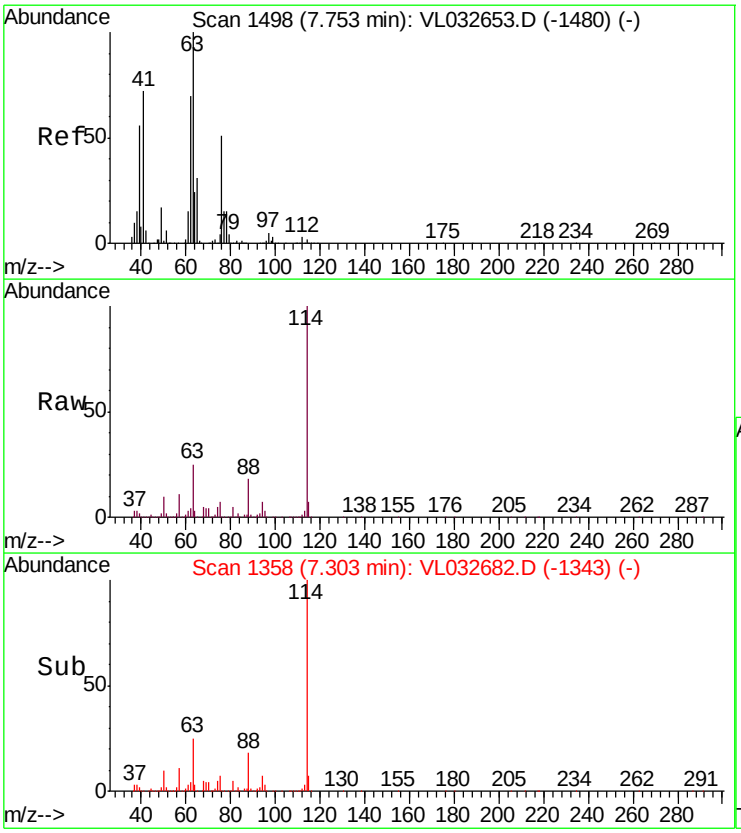
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument : MSVOA_L
ClientSampleId : D-2DL

Tgt Ion:114 Resp: 3689482

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.7	32.5
88	17.6	14.9	22.3

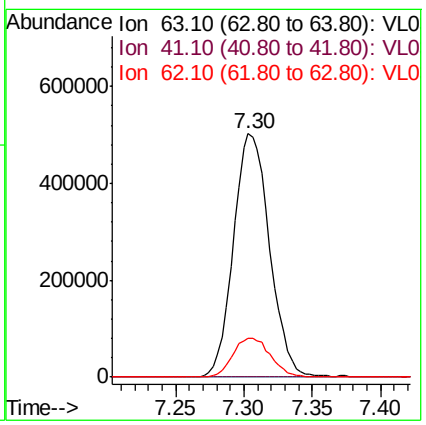


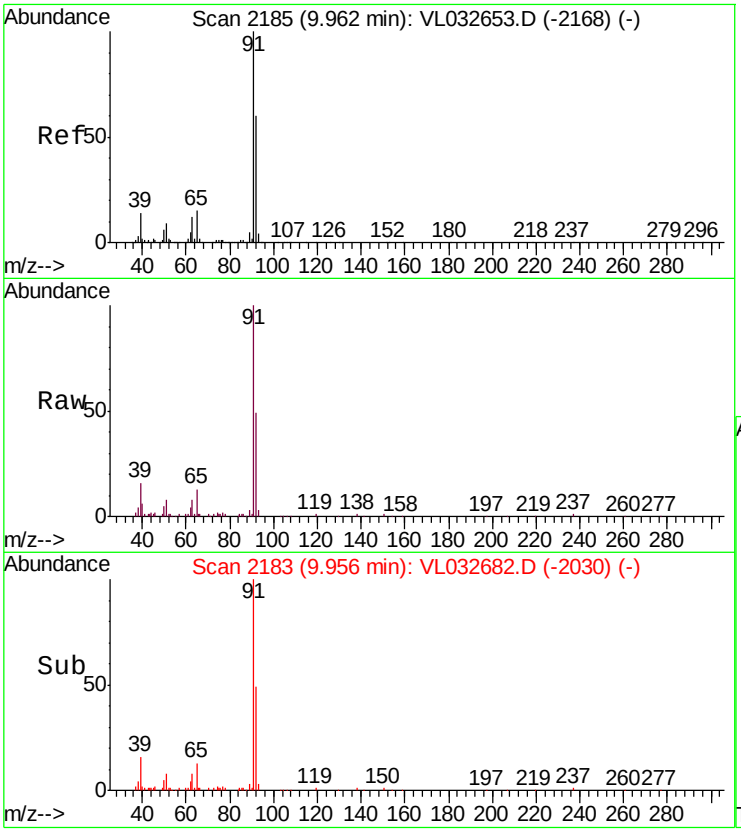


#39
1,2-Dichloropropane
Concen: 7.971 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.45 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion: 63 Resp: 922224

Ion	Ratio	Lower	Upper
63	100		
41	0.1	56.2	84.4#
62	16.0	54.4	81.6#



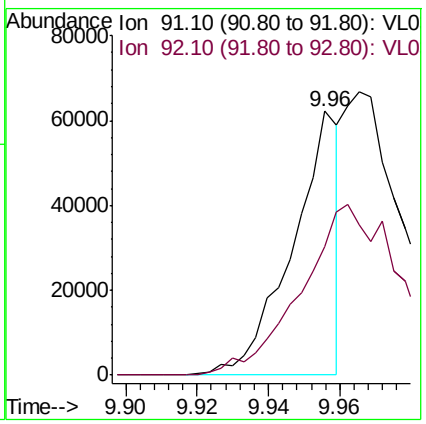


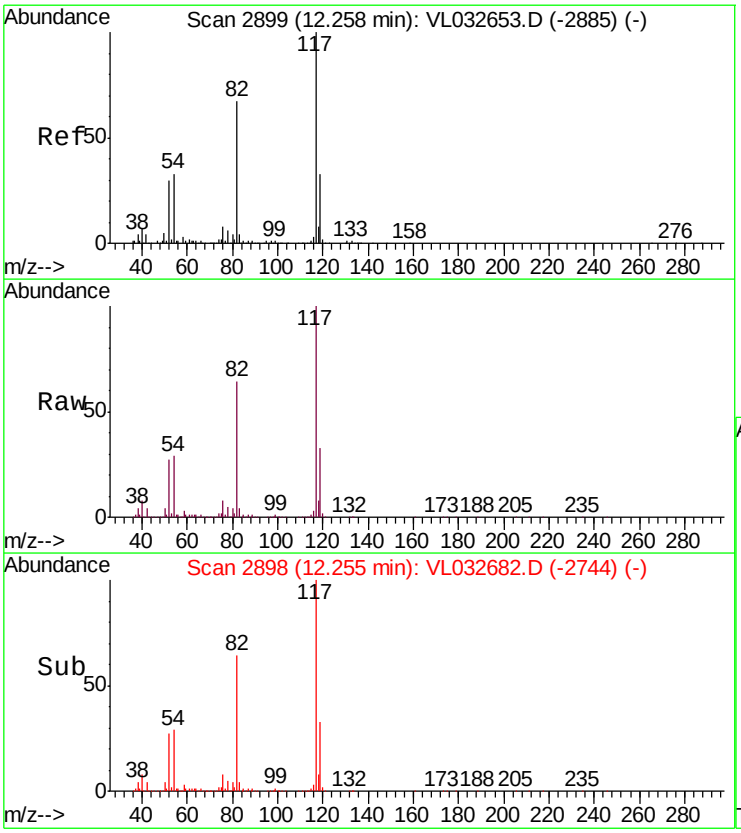
#53
Toluene
Concen: 0.164 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument : MSVOA_L
ClientSampleId : D-2DL

Tgt Ion: 91 Resp: 56213

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#

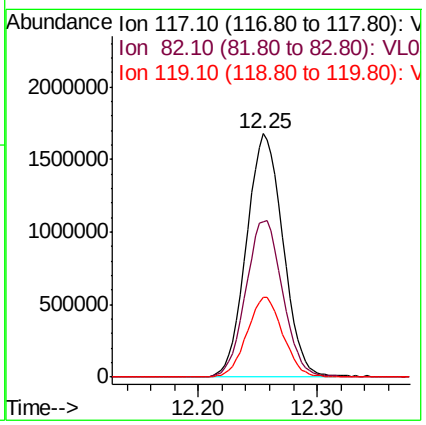


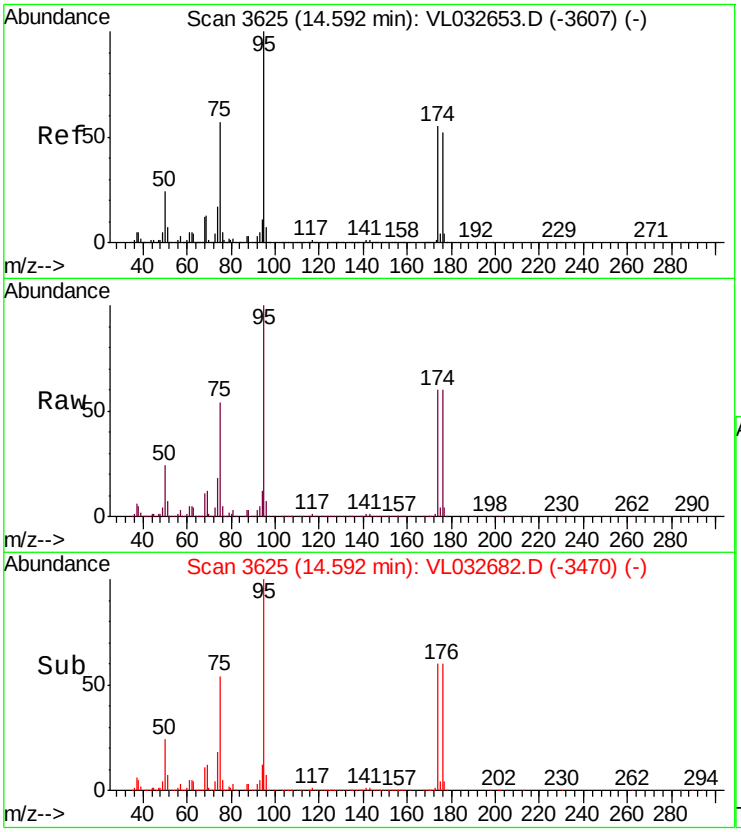


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Tgt Ion:117 Resp: 3567319

Ion	Ratio	Lower	Upper
117	100		
82	65.3	52.7	79.1
119	32.6	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032682.D
Acq: 19 Oct 2018 13:36

Instrument :
MSVOA_L
ClientSampleId :
D-2DL

Tgt Ion: 95 Resp: 2676866

Ion	Ratio	Lower	Upper
95	100		
174	63.4	46.0	69.0
175	4.5	3.4	5.0