Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\
Data File : VL032680.D
Acq On : 19 Oct 2018 12:17
Operator : SY/AP
Sample : J5581-06DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : D-1DL

Quant Time: Oct 19 23:44:14 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	1560855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3598772	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3526526	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2655994	10.12	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
13) Ethanol	3.66	45	662004	46.108	ppbv	97
15) Acetone	3.92	43	119576	0.830	ppbv	99
19) Isopropyl Alcohol	4.04	45	204720	1.994	ppbv #	98
20) Methylene Chloride	4.43	84	27457	0.375	ppbv #	94
26) Hexane	5.80	57	34369	0.219	ppbv #	50
53) Toluene	9.96	91	82760	0.247	ppbv	100

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

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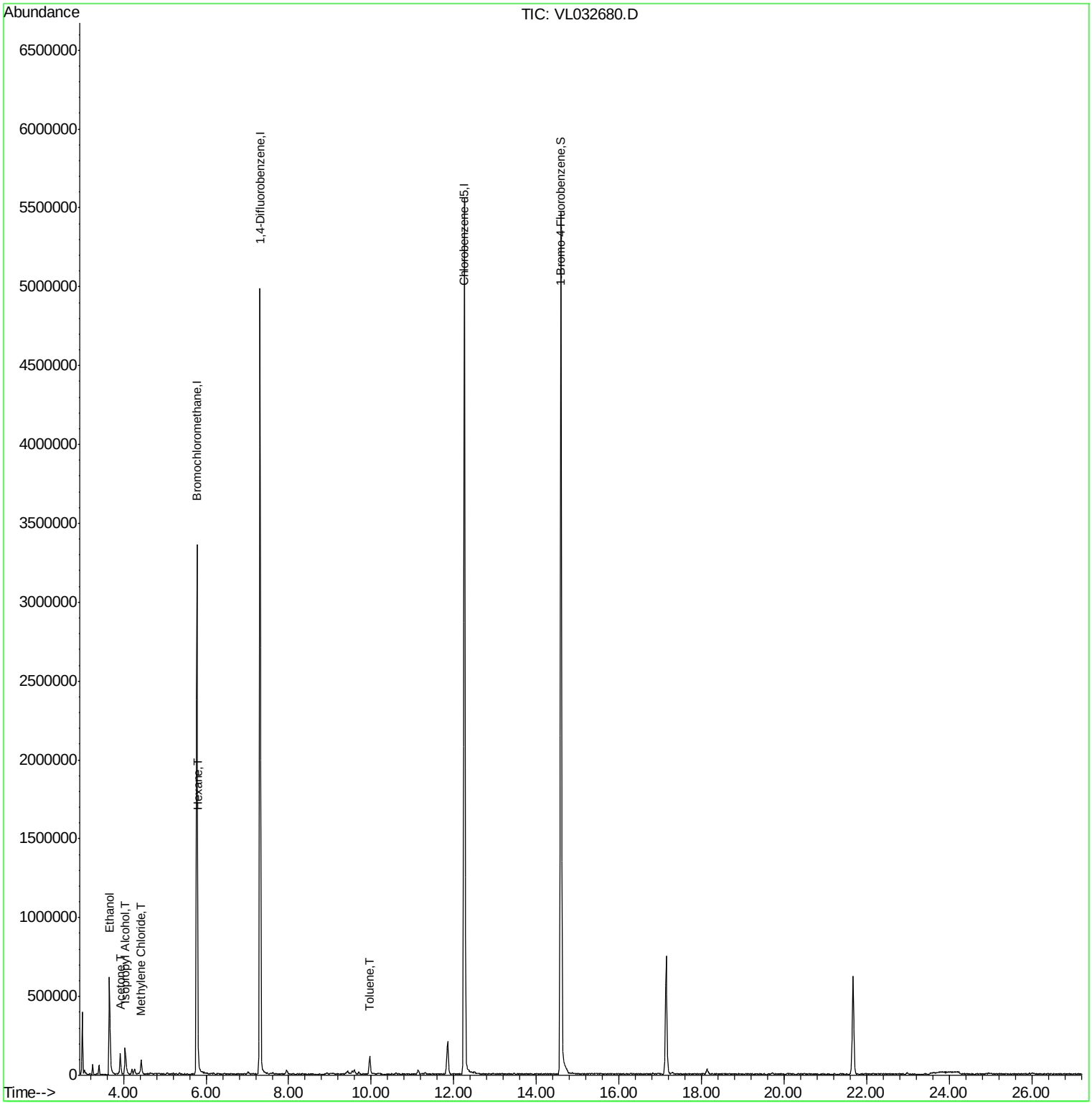
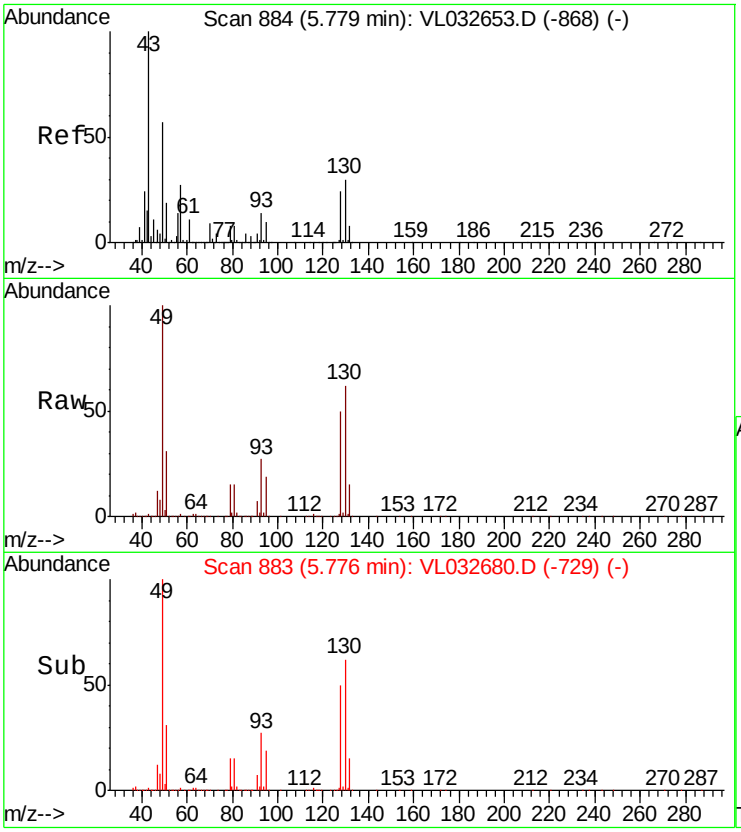


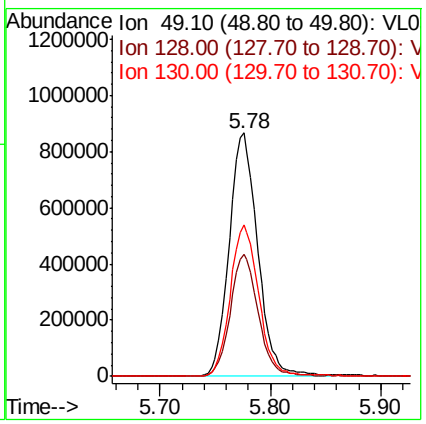


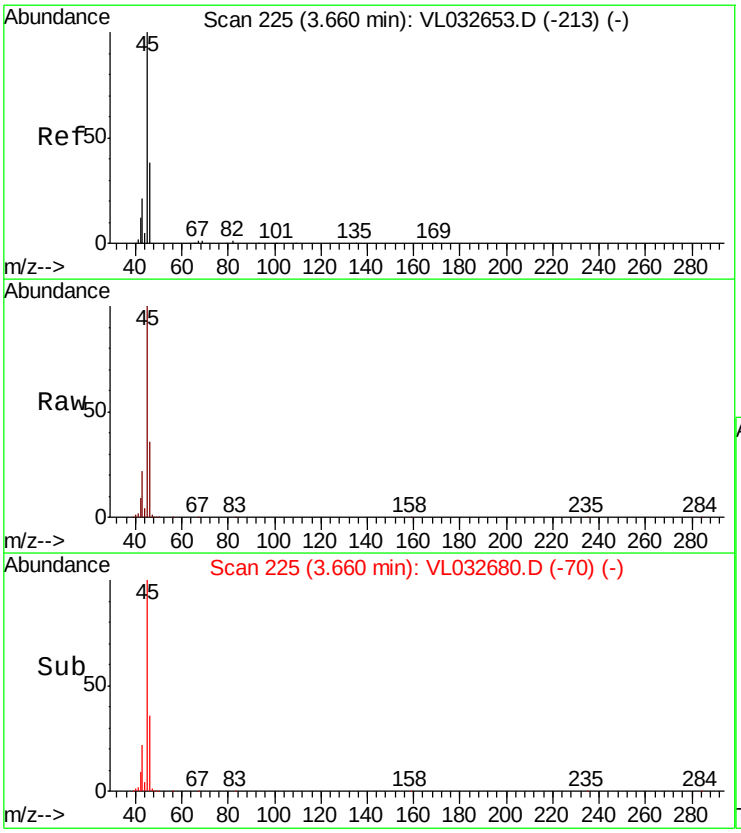
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Instrument : MSVOA_L
ClientSampleId : D-1DL

Tgt Ion: 49 Resp: 1560855

Ion	Ratio	Lower	Upper
49	100		
128	49.1	22.3	66.8
130	62.4	28.4	85.3

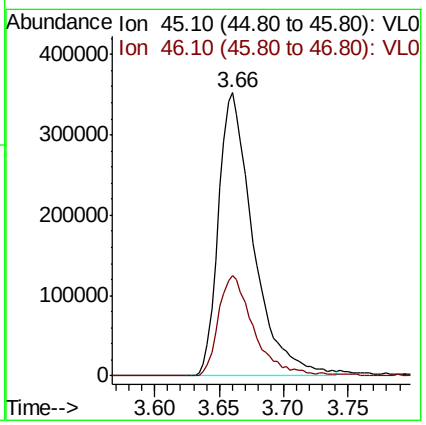


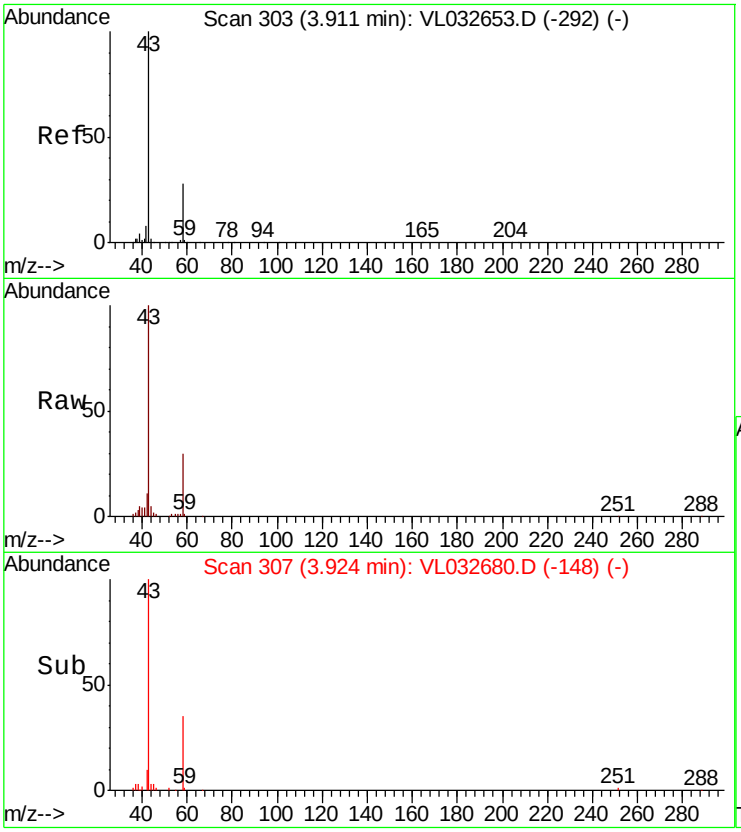


#13
Ethanol
Concen: 46.108 ppbv
RT: 3.66 min Scan# 225
Delta R.T. -0.00 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Tgt Ion: 45 Resp: 662004

Ion	Ratio	Lower	Upper
45	100		
46	36.5	15.4	61.8



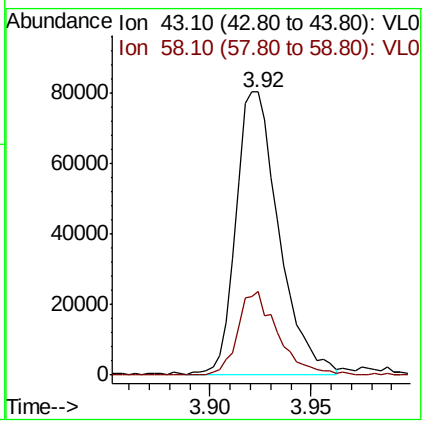


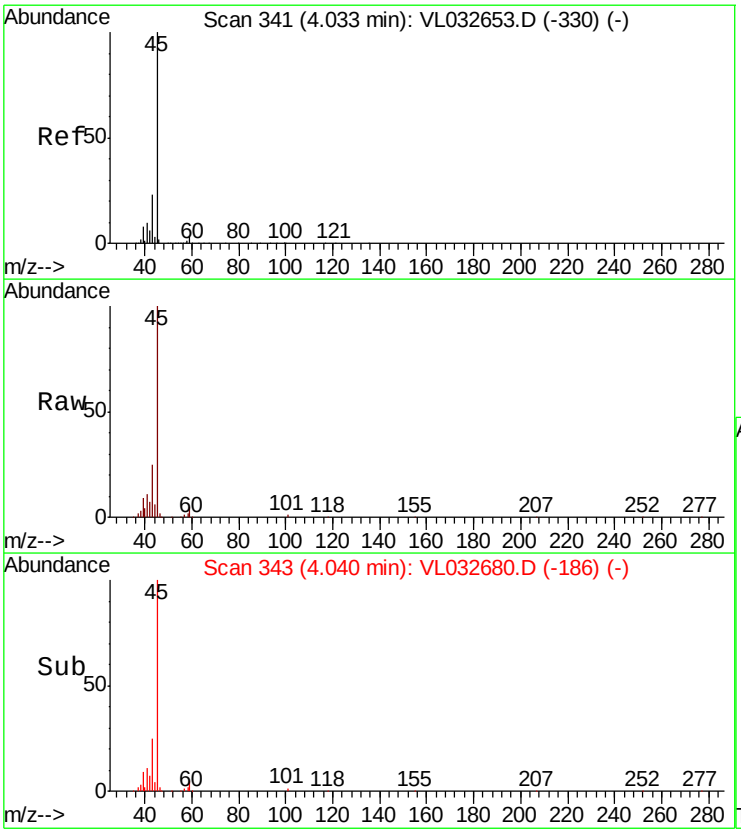
#15
Acetone
Concen: 0.830 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.01 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Instrument : MSVOA_L
ClientSampleId : D-1DL

Tgt Ion: 43 Resp: 119576

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1

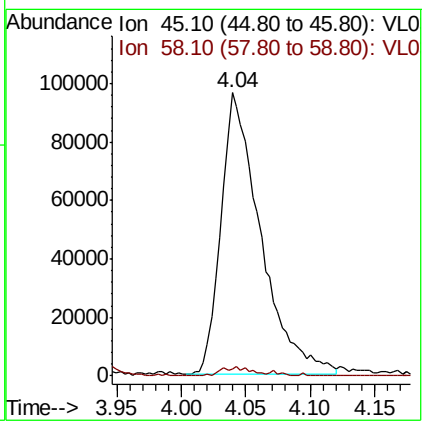


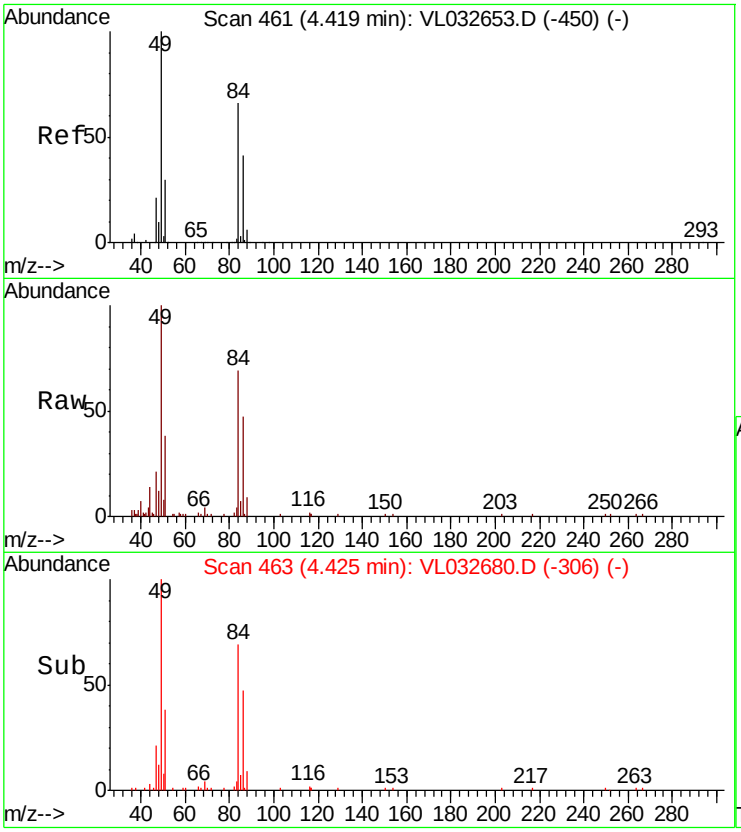


#19
Isopropyl Alcohol
Concen: 1.994 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.01 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Tgt Ion: 45 Resp: 204720

Ion	Ratio	Lower	Upper
45	100		
58	3.1	2.0	3.0#



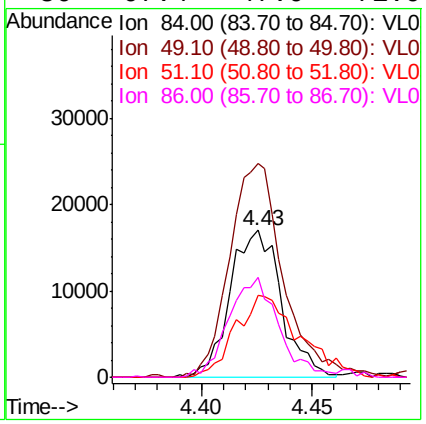


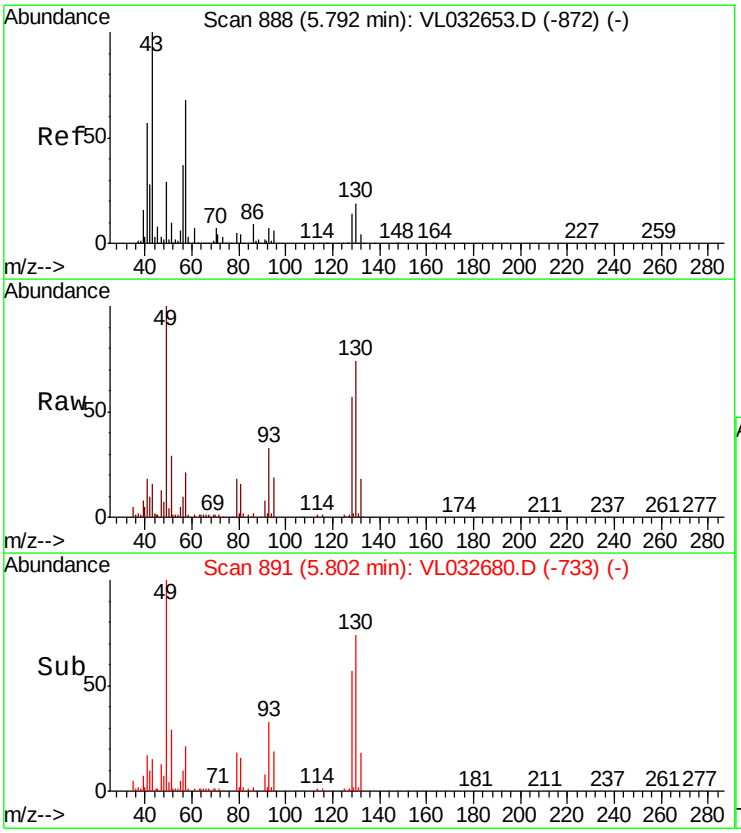
#20
Methylene Chloride
Concen: 0.375 ppbv
RT: 4.43 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Instrument : MSVOA_L
ClientSampleId : D-1DL

Tgt Ion: 84 Resp: 27457

Ion	Ratio	Lower	Upper
84	100		
49	143.1	113.5	170.3
51	55.9	34.8	52.2#
86	67.4	47.9	71.9

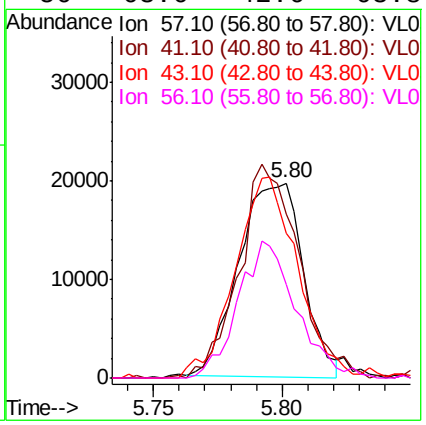


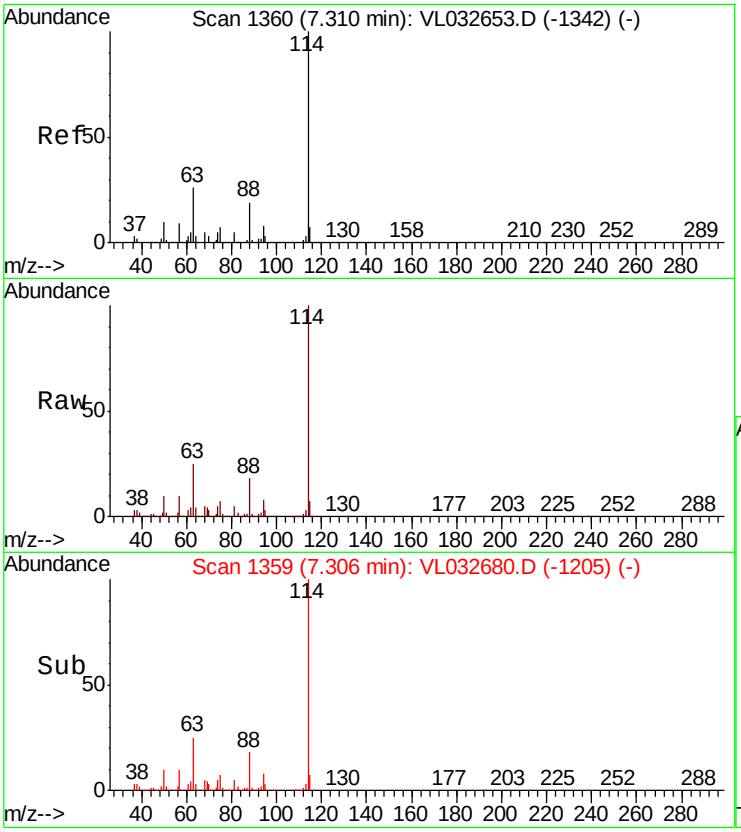


#26
Hexane
Concen: 0.219 ppbv
RT: 5.80 min Scan# 891
Delta R.T. 0.01 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Tgt Ion: 57 Resp: 34369

Ion	Ratio	Lower	Upper
57	100		
41	102.8	67.4	101.0#
43	103.4	171.9	257.9#
56	63.6	42.6	63.8



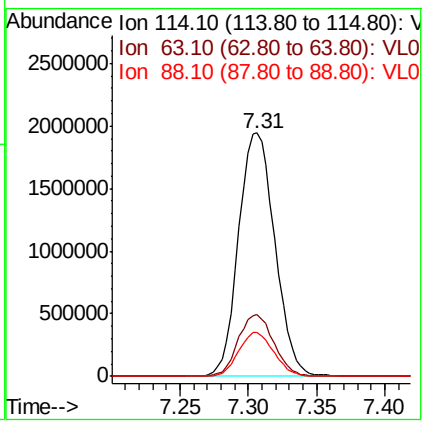


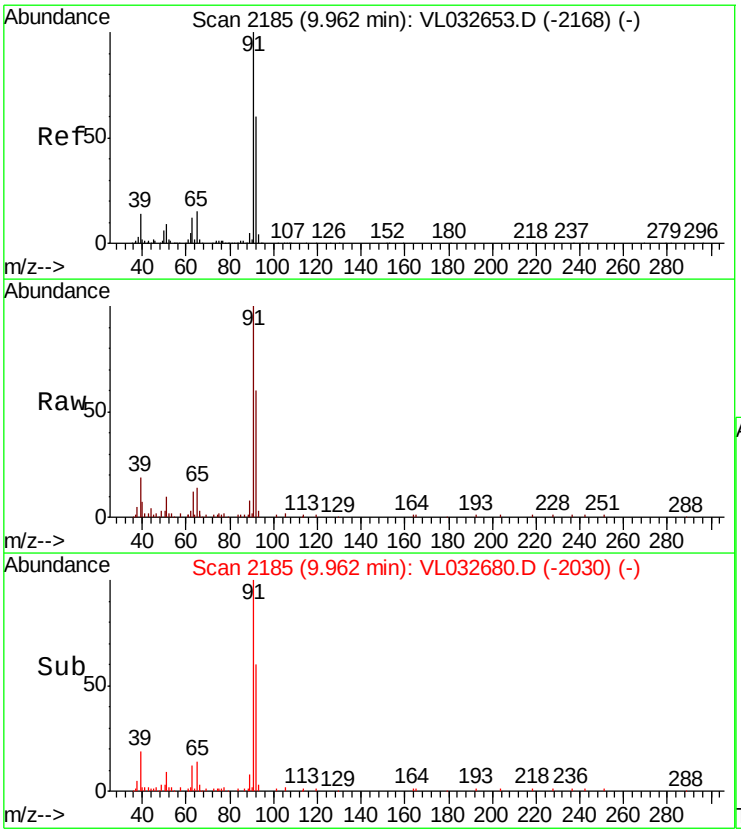
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Instrument : MSVOA_L
ClientSampleId : D-1DL

Tgt Ion:114 Resp: 3598772

Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	17.6	14.9	22.3

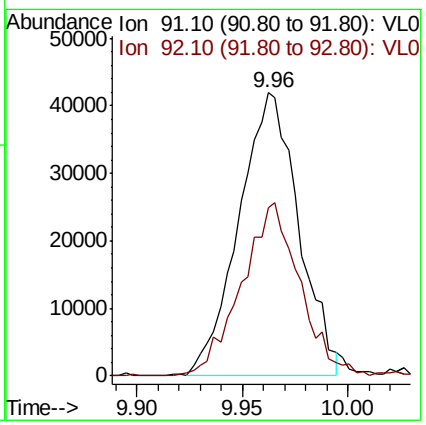


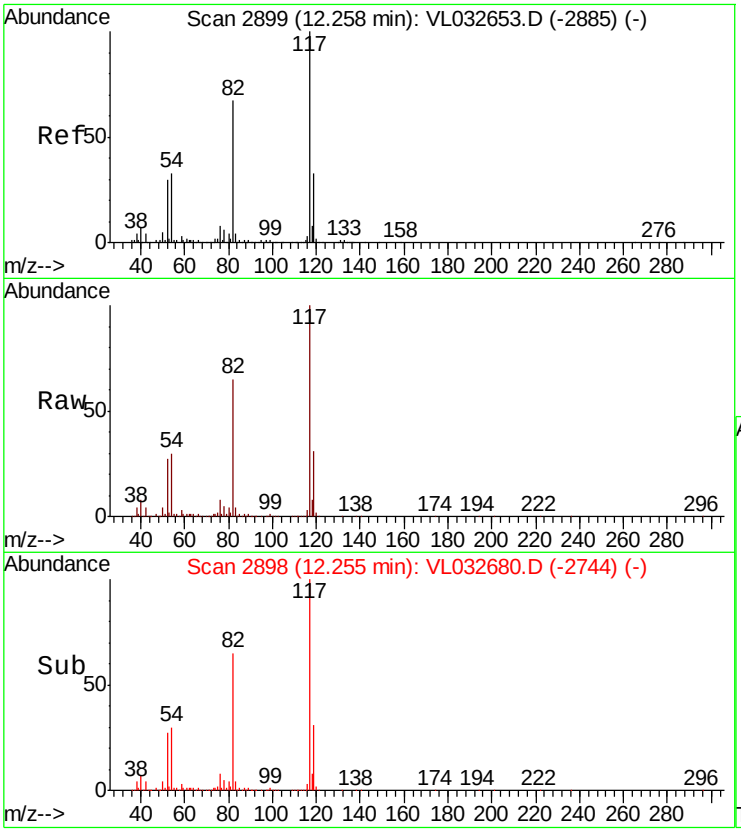


#53
Toluene
Concen: 0.247 ppbv
RT: 9.96 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Tgt Ion: 91 Resp: 82760

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.4	72.6



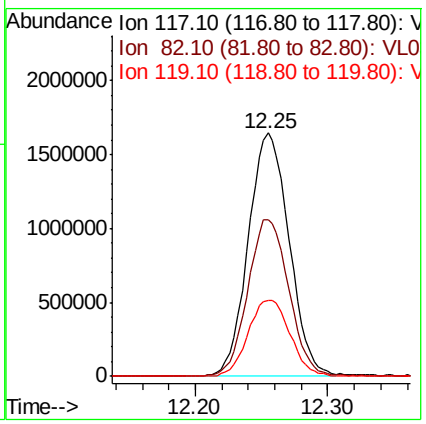


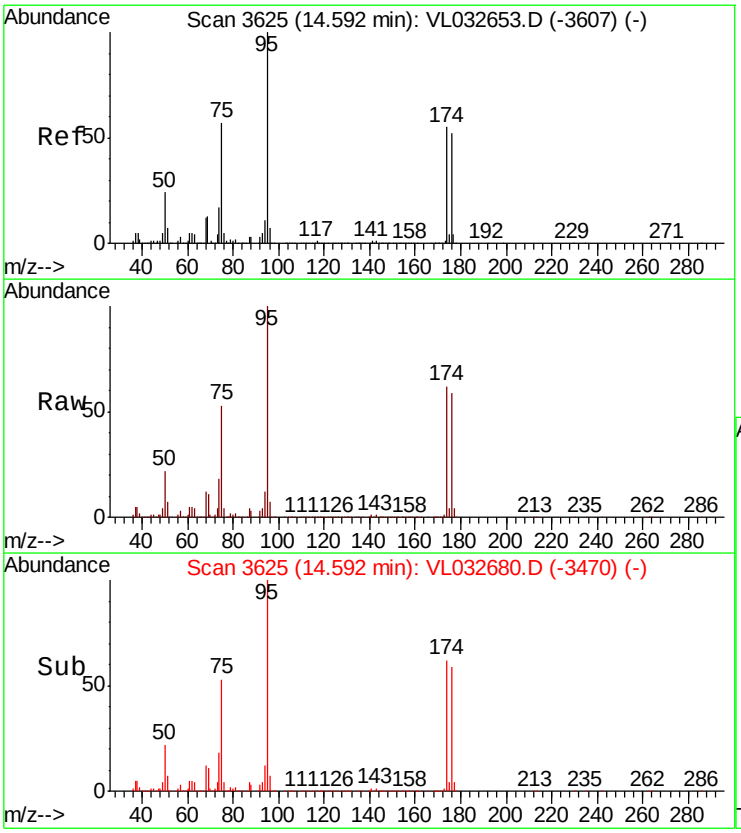
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Instrument : MSVOA_L
ClientSampleId : D-1DL

Tgt Ion:117 Resp: 3526526

Ion	Ratio	Lower	Upper
117	100		
82	65.0	52.7	79.1
119	32.4	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.115 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032680.D
Acq: 19 Oct 2018 12:17

Tgt Ion: 95 Resp: 2655994

Ion	Ratio	Lower	Upper
95	100		
174	63.9	46.0	69.0
175	4.6	3.4	5.0