Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070518\
Data File : VL032211.D
Acq On : 5 Jul 2018 20:04
Operator : SY/AP
Sample : J3867-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 539IDL

Quant Time: Jul 06 05:23:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1568856	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3712820	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3802143	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2910677	10.01	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.10%			
Target Compounds						Qvalue
9) Propene	3.09	41	14952	0.17	ppbv #	81
13) Ethanol	3.71	45	205298	7.58	ppbv	100
15) Acetone	3.97	43	301989	1.65	ppbv	100
19) Isopropyl Alcohol	4.10	45	158159	1.04	ppbv #	46
20) Methylene Chloride	4.48	84	38973	0.58	ppbv #	90
26) Hexane	5.86	57	253240	1.45	ppbv #	48
34) 2-Butanone	5.41	43	48423	0.21	ppbv	97

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

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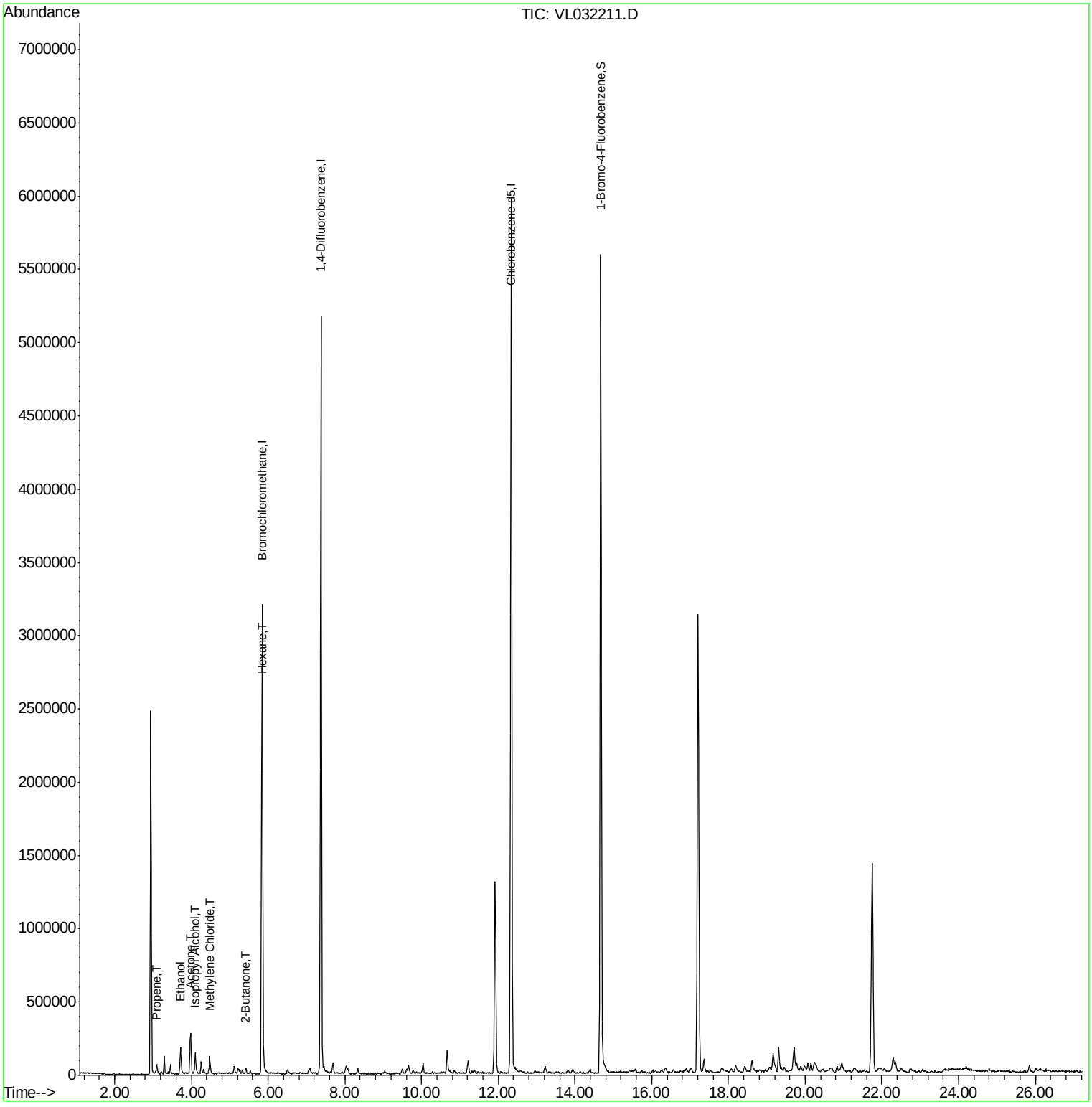
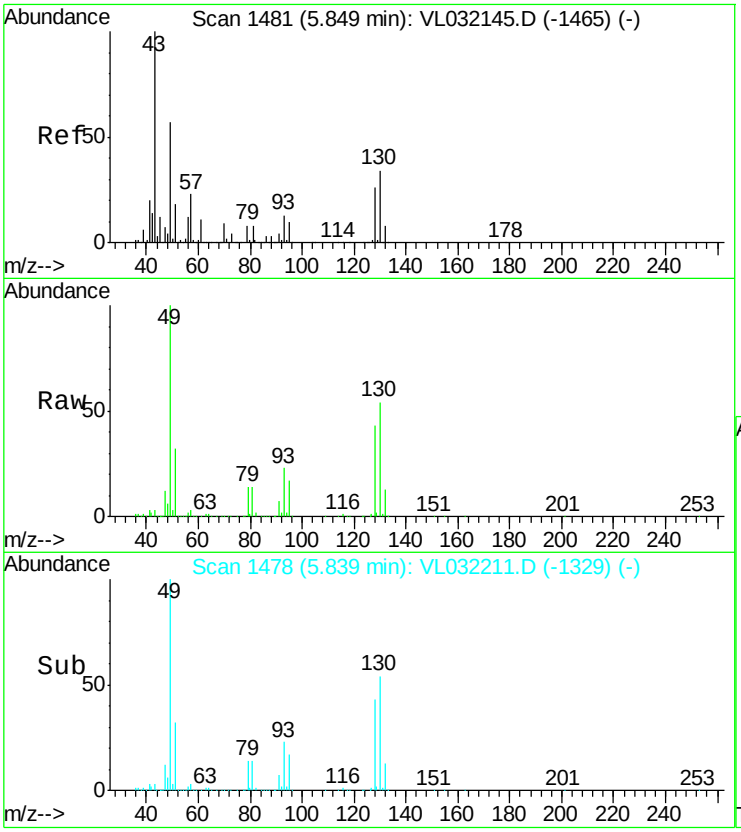


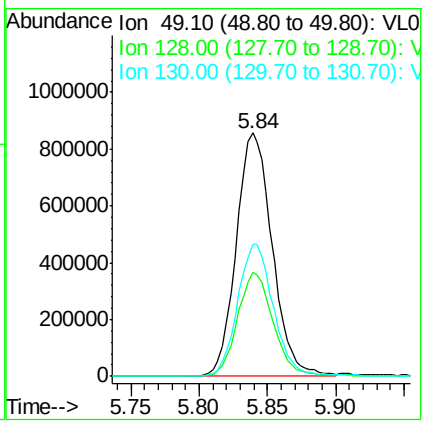


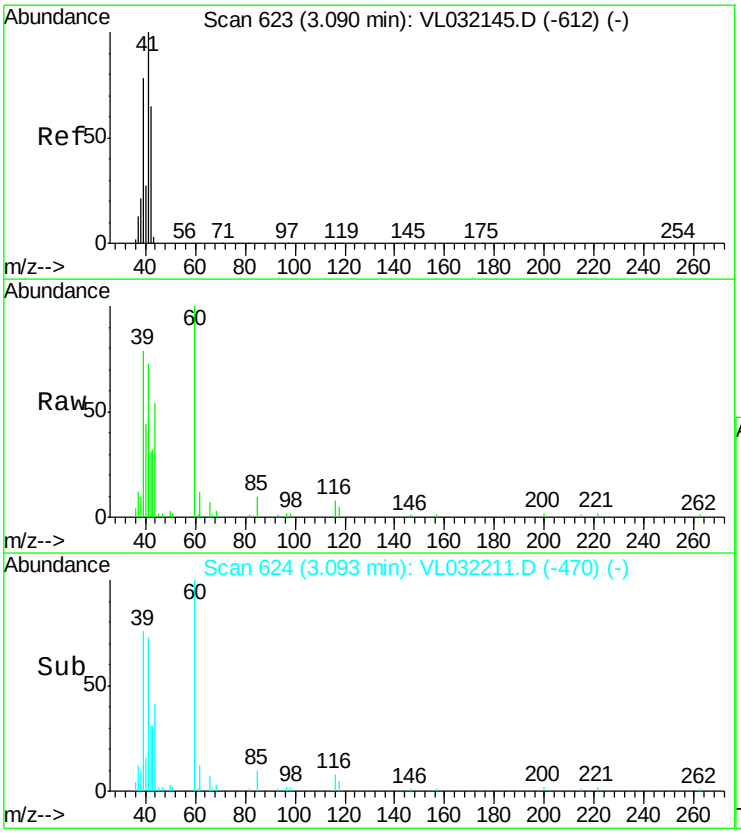
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.84 min Scan# 1478
Delta R.T. -0.02 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
539IDL

Tgt Ion: 49 Resp: 1568856

Ion	Ratio	Lower	Upper
49	100		
128	43.0	23.4	70.0
130	54.6	30.3	90.9

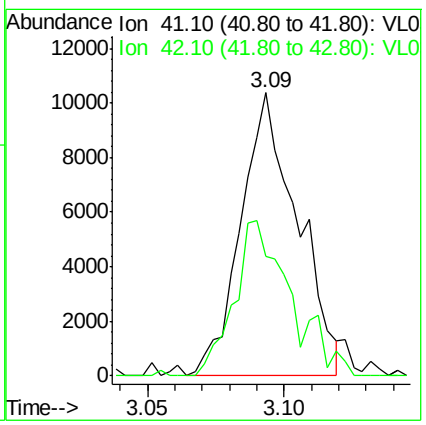


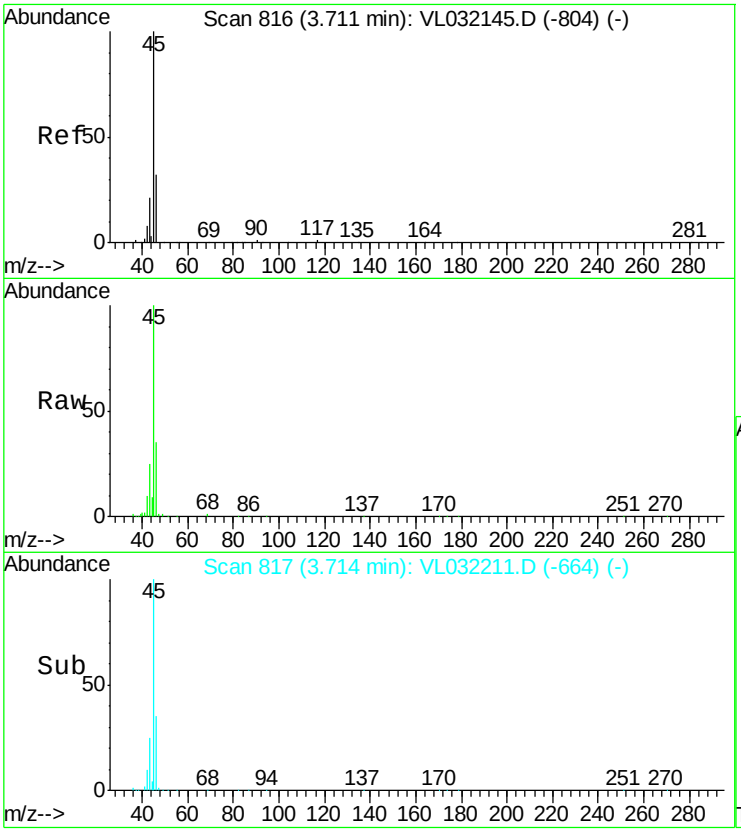


#9
Propene
Concen: 0.17 ppbv
RT: 3.09 min Scan# 624
Delta R.T. -0.01 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Tgt Ion: 41 Resp: 14952

Ion	Ratio	Lower	Upper
41	100		
42	54.7	56.2	84.4#



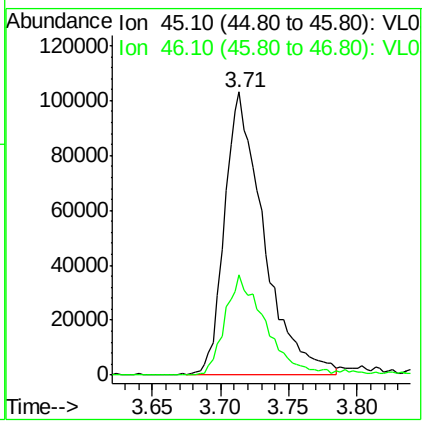


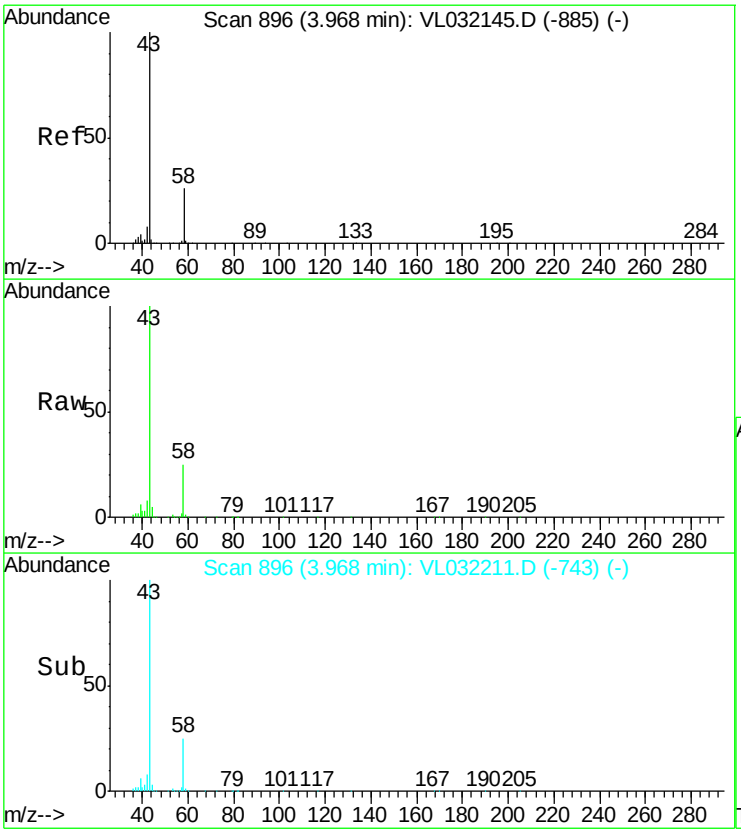
#13
Ethanol
Concen: 7.58 ppbv
RT: 3.71 min Scan# 817
Delta R.T. -0.01 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Instrument : MSVOA_L
ClientSampleId : 539IDL

Tgt Ion: 45 Resp: 205298

Ion	Ratio	Lower	Upper
45	100		
46	36.4	14.6	58.4

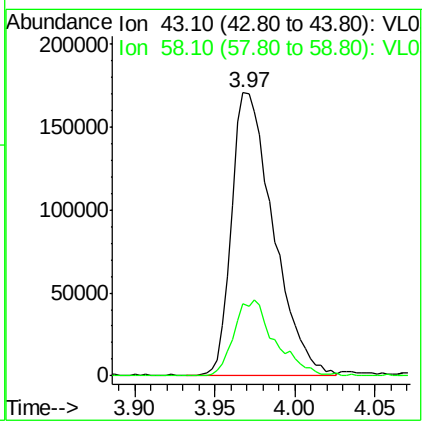


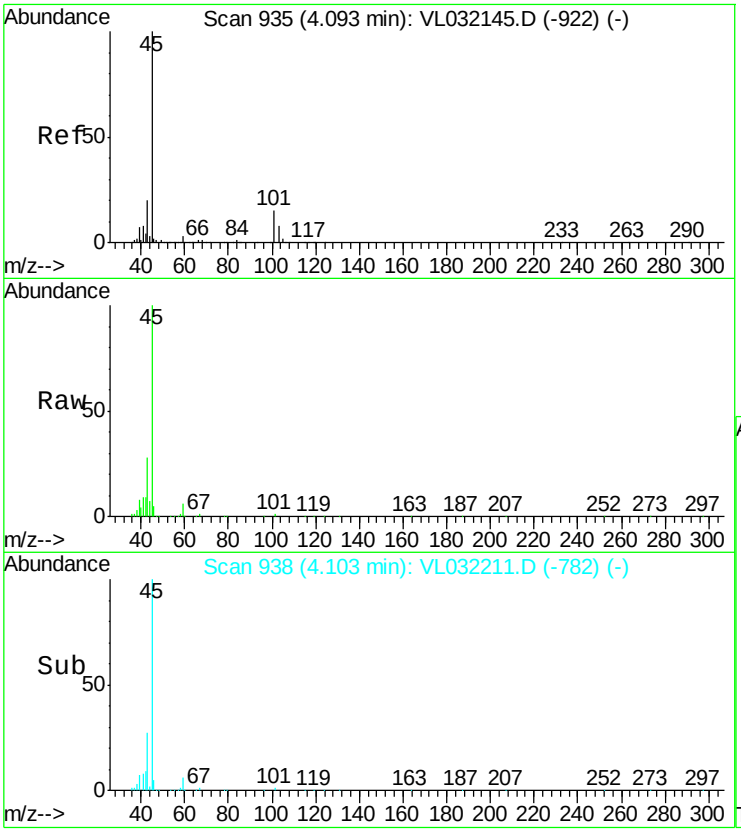


#15
Acetone
Concen: 1.65 ppbv
RT: 3.97 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Tgt Ion: 43 Resp: 301989

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.4	32.0



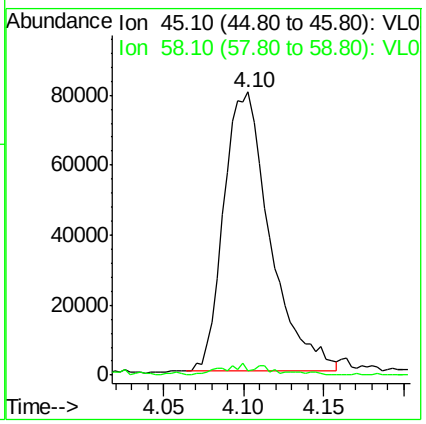


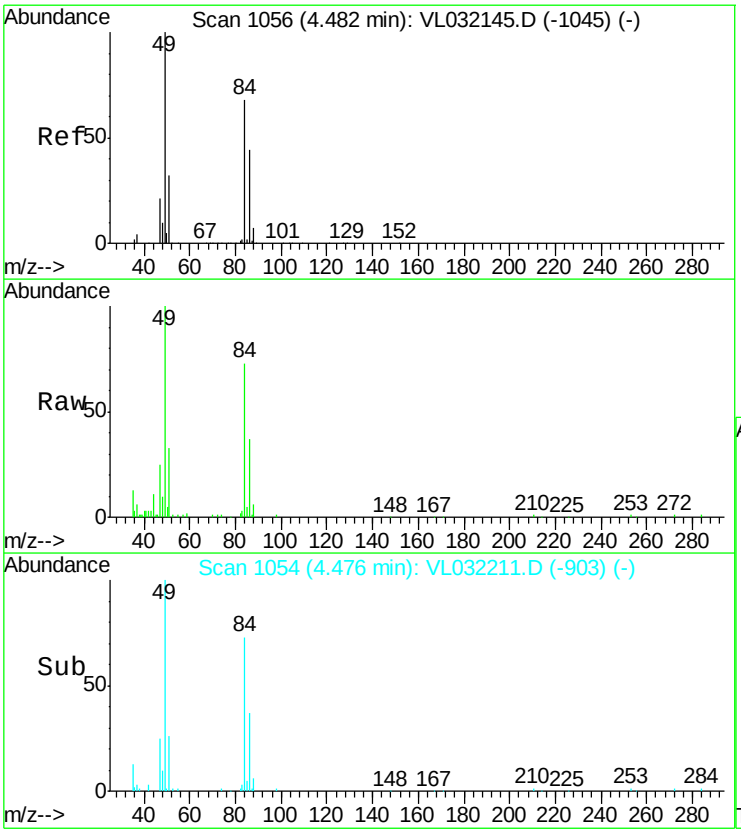
#19
Isopropyl Alcohol
Concen: 1.04 ppbv
RT: 4.10 min Scan# 938
Delta R.T. 0.00 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Instrument : MSVOA_L
ClientSampleId : 539IDL

Tgt Ion: 45 Resp: 158159

Ion	Ratio	Lower	Upper
45	100		
58	4.5	29.4	44.0#

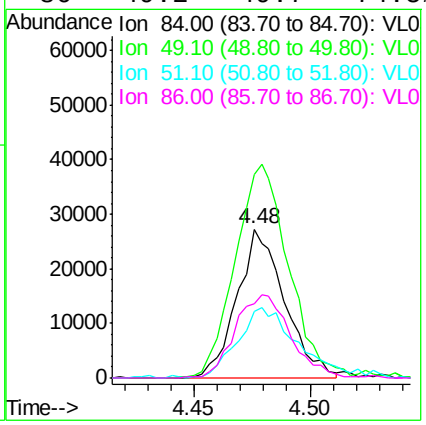


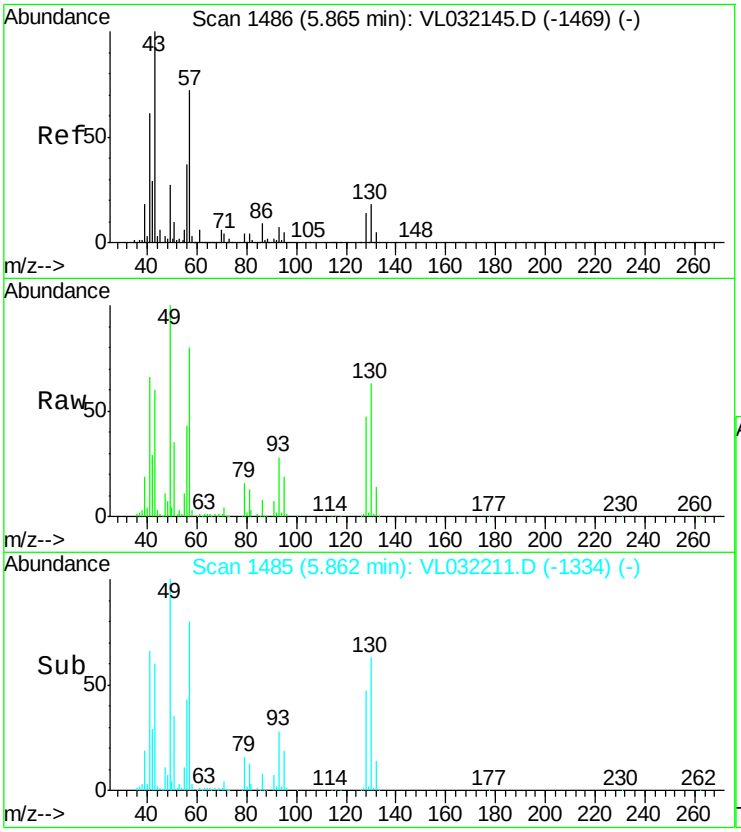


#20
Methylene Chloride
Concen: 0.58 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. -0.02 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Tgt Ion: 84 Resp: 38973

Ion	Ratio	Lower	Upper
84	100		
49	136.0	119.6	179.4
51	44.5	36.3	54.5
86	49.2	49.7	74.5#



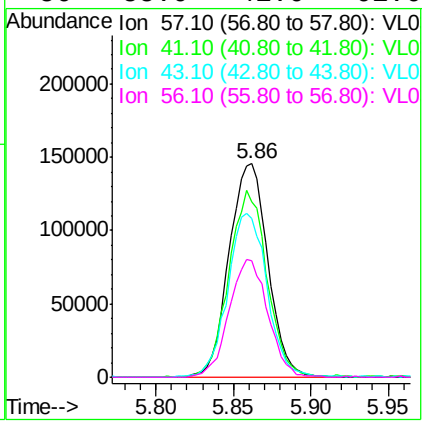


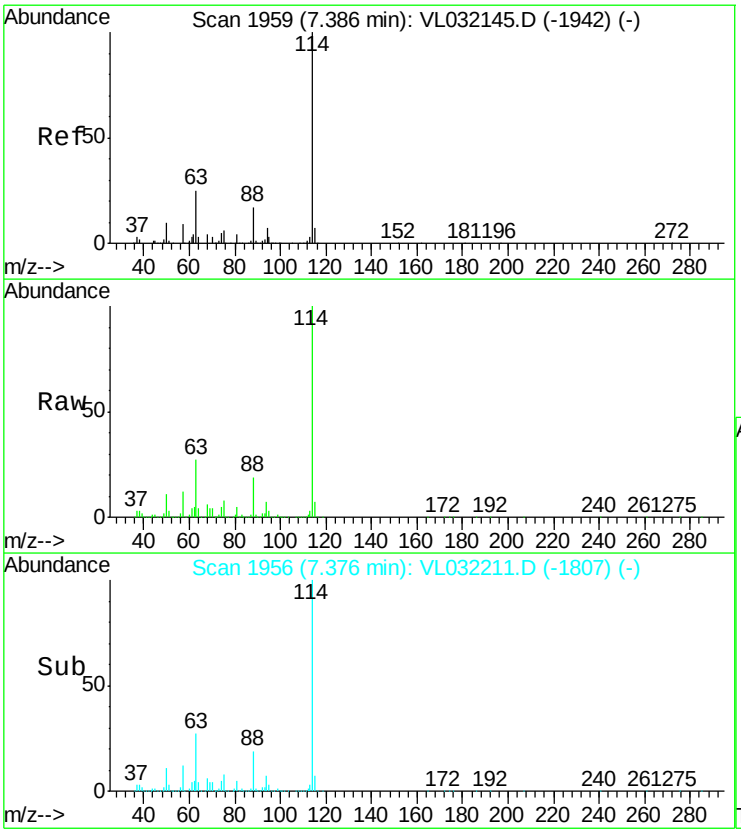
#26
Hexane
Concen: 1.45 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Instrument : MSVOA_L
ClientSampleId : 539IDL

Tgt Ion: 57 Resp: 253240

Ion	Ratio	Lower	Upper
57	100		
41	87.6	68.6	103.0
43	78.7	168.6	252.8#
56	55.0	41.0	61.6

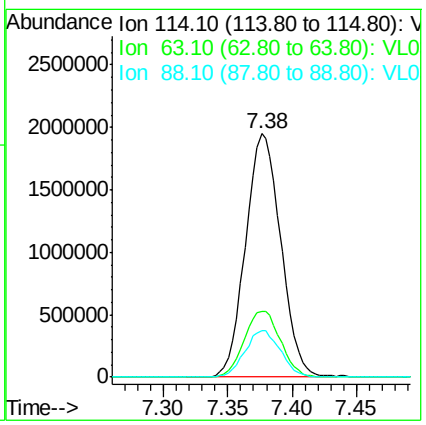


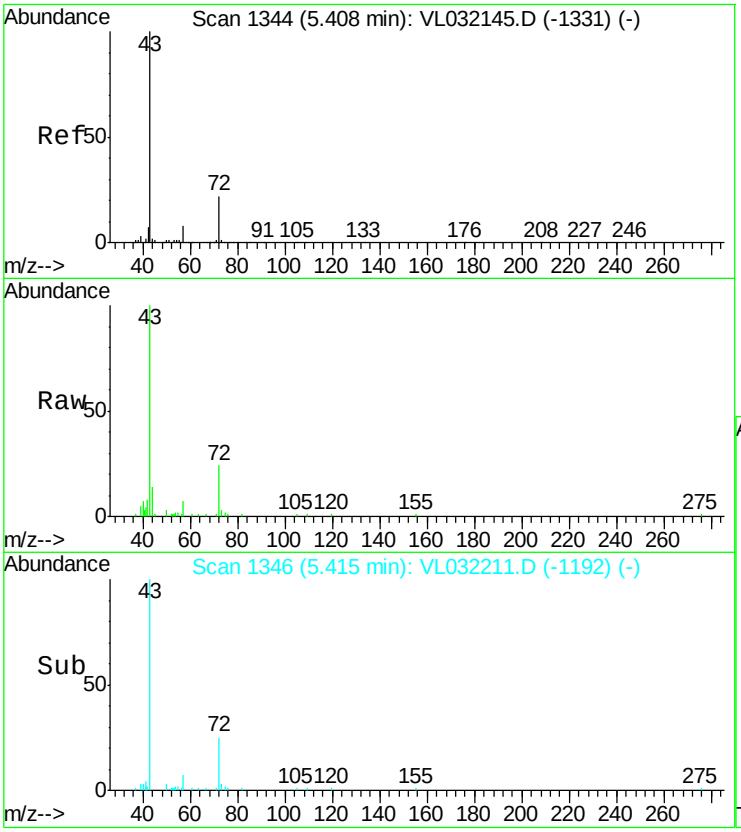


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.38 min Scan# 1956
Delta R.T. -0.02 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Tgt Ion:114 Resp: 3712820

Ion	Ratio	Lower	Upper
114	100		
63	28.1	19.1	28.7
88	19.4	13.9	20.9



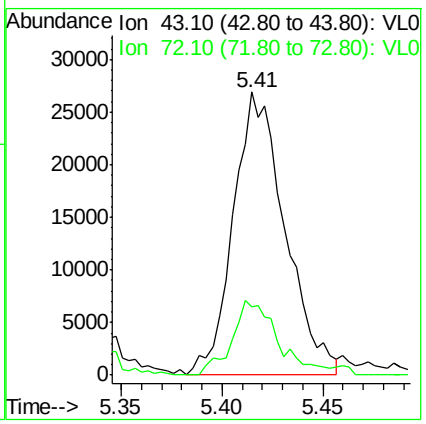


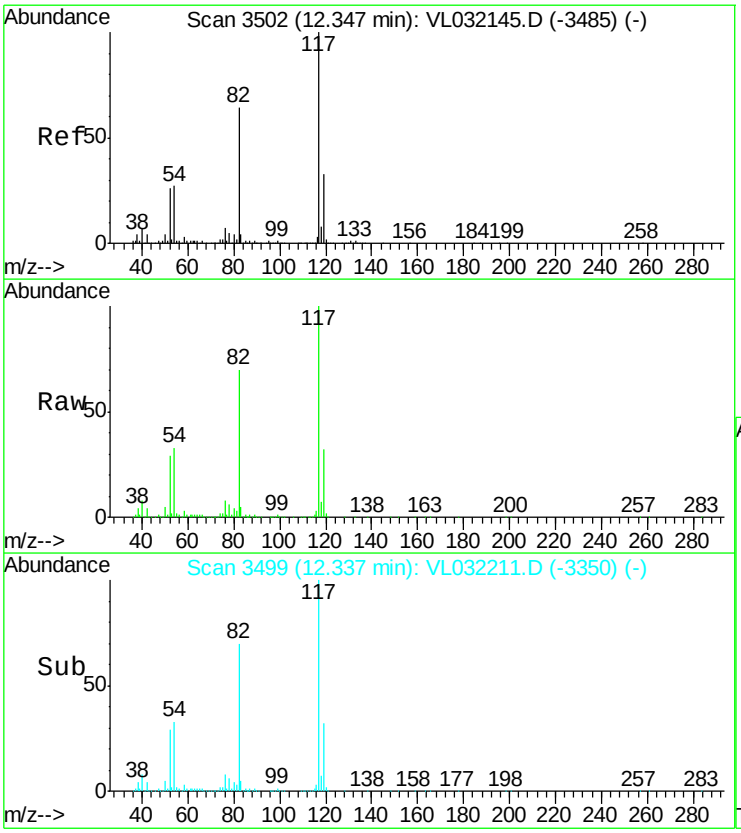
#34
2-Butanone
Concen: 0.21 ppbv
RT: 5.41 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
539IDL

Tgt Ion: 43 Resp: 48423

Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.4	27.6

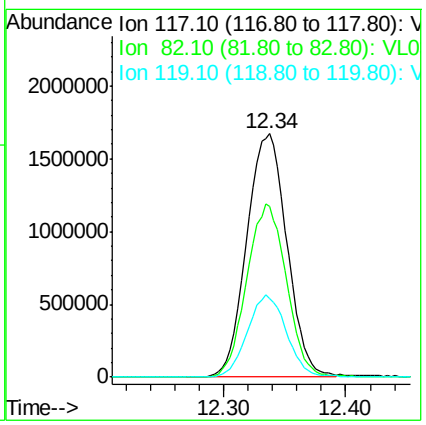


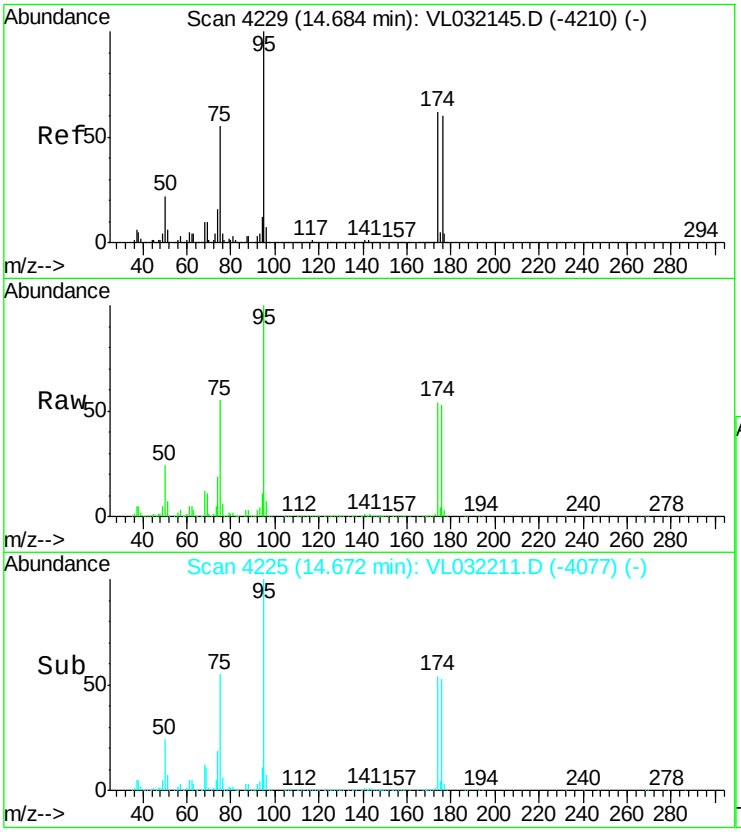


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Tgt Ion:117 Resp: 3802143

Ion	Ratio	Lower	Upper
117	100		
82	70.6	47.8	71.8
119	33.1	43.3	64.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.01 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.03 min
Lab File: VL032211.D
Acq: 5 Jul 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
539IDL

Tgt Ion: 95 Resp: 2910677

Ion	Ratio	Lower	Upper
95	100		
174	55.5	52.1	78.1
175	4.0	4.0	6.0