Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
Data File : VL032168.D
Acq On : 30 Jun 2018 13:10
Operator : SY/AP
Sample : J3601-06DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : RESIDENT-B-CRAWL-SPACEDL

Quant Time: Jul 02 00:50:59 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	5.85	49	1619153	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.38	114	3943065	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.34	117	3609088	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.68	95	2818701	10.22	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	14484	0.068	ppbv		100
3) Chlorodifluoromethane	3.07	51	16892	0.085	ppbv	#	91
4) Chloromethane	3.23	50	18485	0.175	ppbv	#	85
9) Propene	3.30	41	464323	5.036	ppbv		93
13) Ethanol	3.73	45	71770	2.568	ppbv		98
15) Acetone	3.97	43	198850	1.050	ppbv		98
16) 1,3-Butadiene	3.30	39	220611	2.442	ppbv	#	3
19) Isopropyl Alcohol	4.12	45	17825	0.113	ppbv	#	55
20) Methylene Chloride	4.49	84	30017	0.434	ppbv		97
25) Ethyl Acetate	5.86	43	17362	0.044	ppbv	#	90
26) Hexane	5.86	57	34883	0.193	ppbv	#	55
34) 2-Butanone	5.43	43	24504	0.098	ppbv		97
39) 1,2-Dichloropropane	7.38	63	1031909	6.856	ppbv	#	26
53) Toluene	10.05	91	96773	0.210	ppbv		99

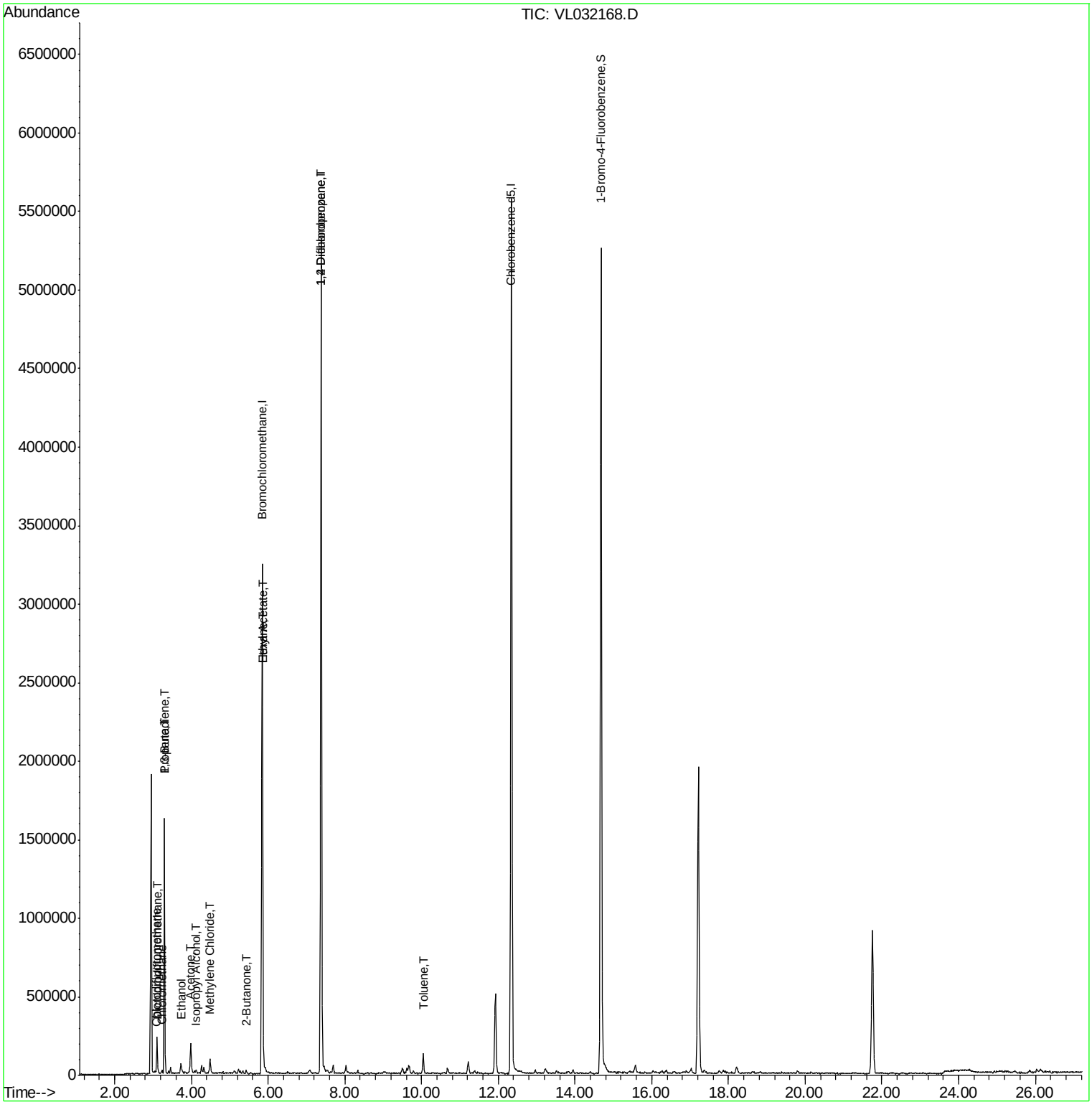
(#) = qualifier out of range (m) = manual integration (+) = signals summed

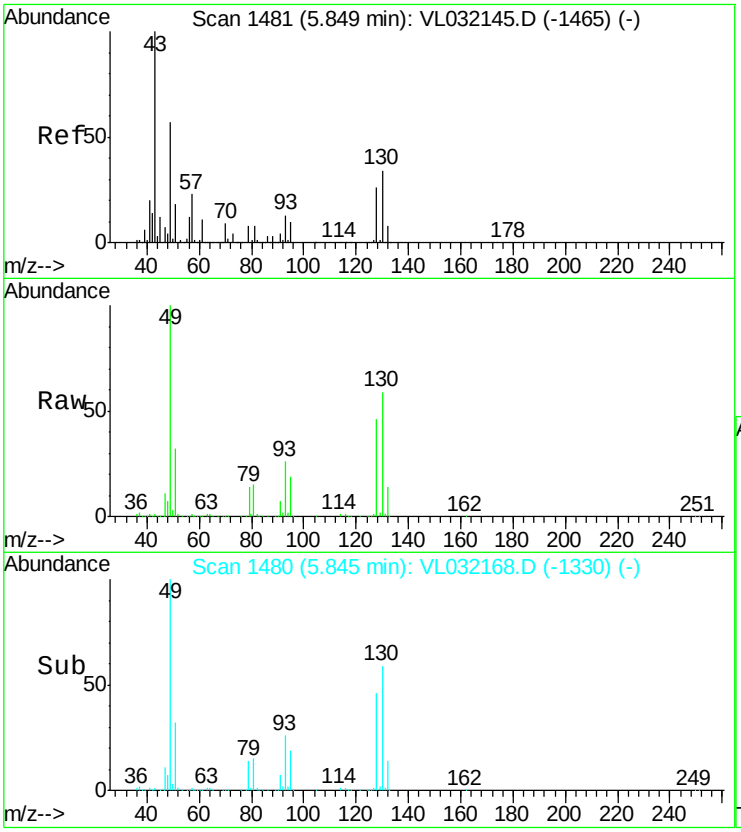
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
Data File : VL032168.D
Acq On : 30 Jun 2018 13:10
Operator : SY/AP
Sample : J3601-06DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Quant Time: Jul 02 00:50:59 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



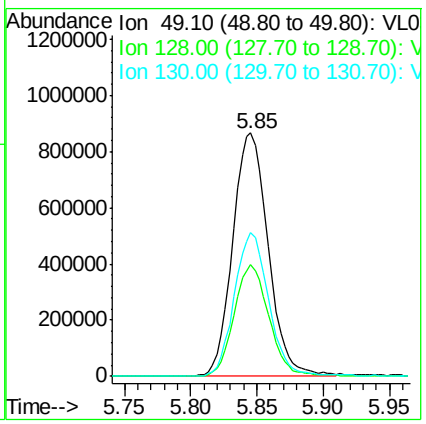


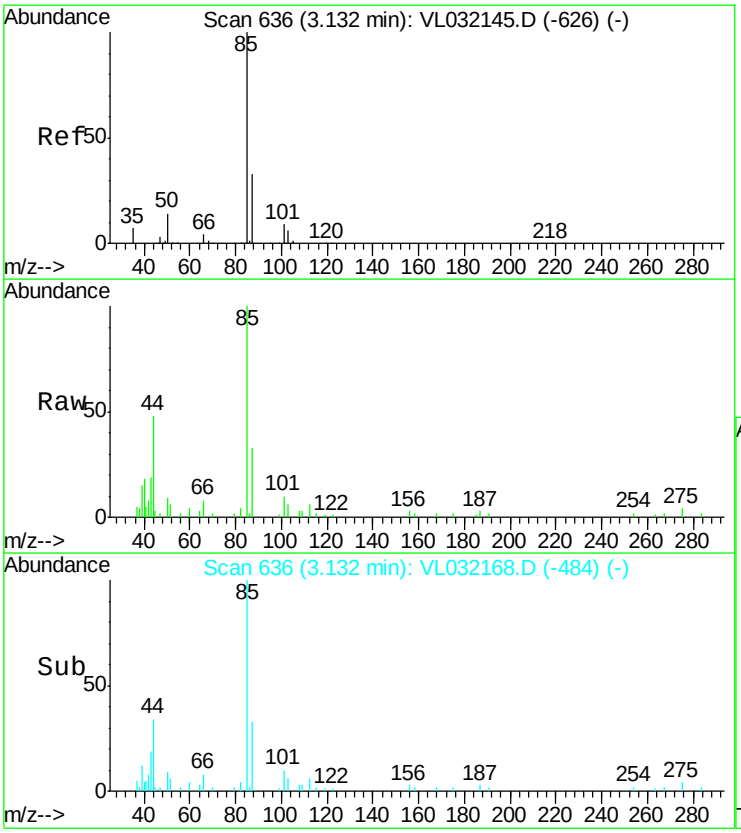
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 49 Resp: 1619153

Ion	Ratio	Lower	Upper
49	100		
128	45.0	23.4	70.0
130	58.1	30.3	90.9

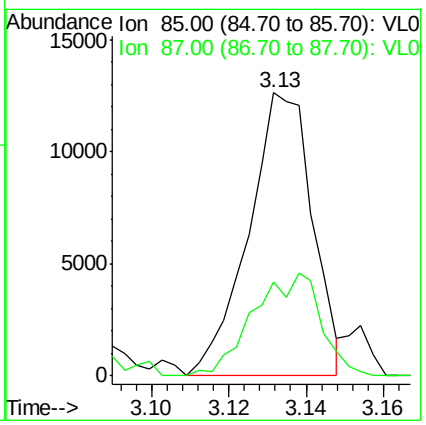


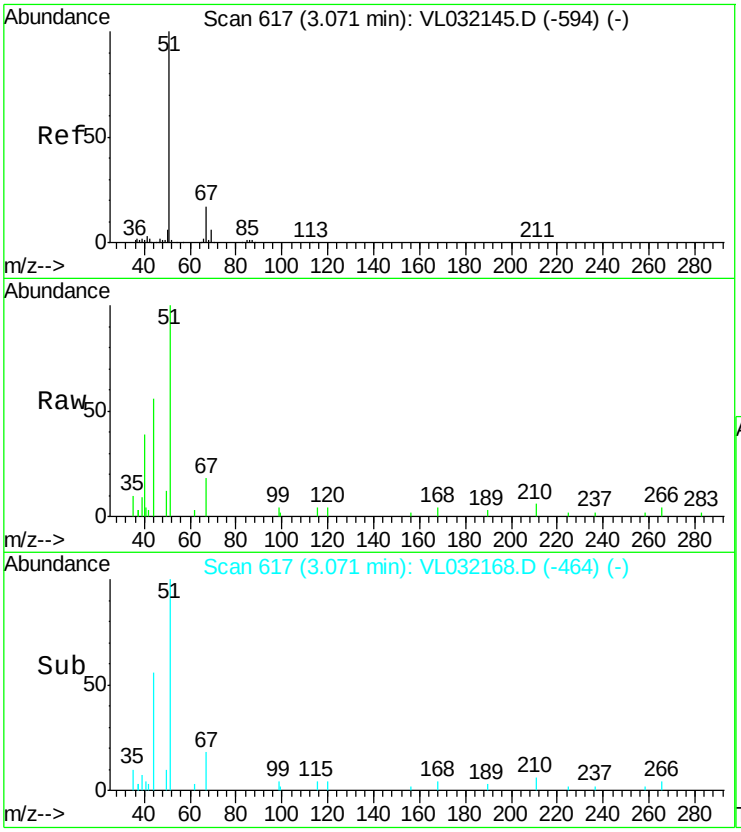


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.13 min Scan# 636
Delta R.T. -0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 85 Resp: 14484

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.7	40.1



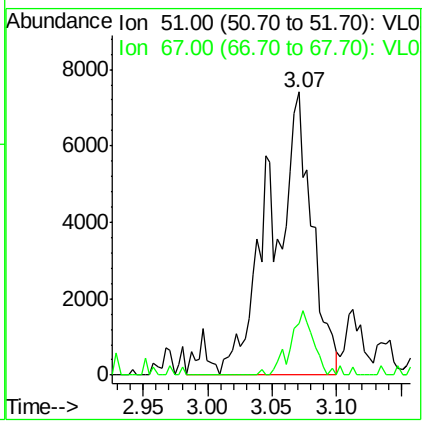


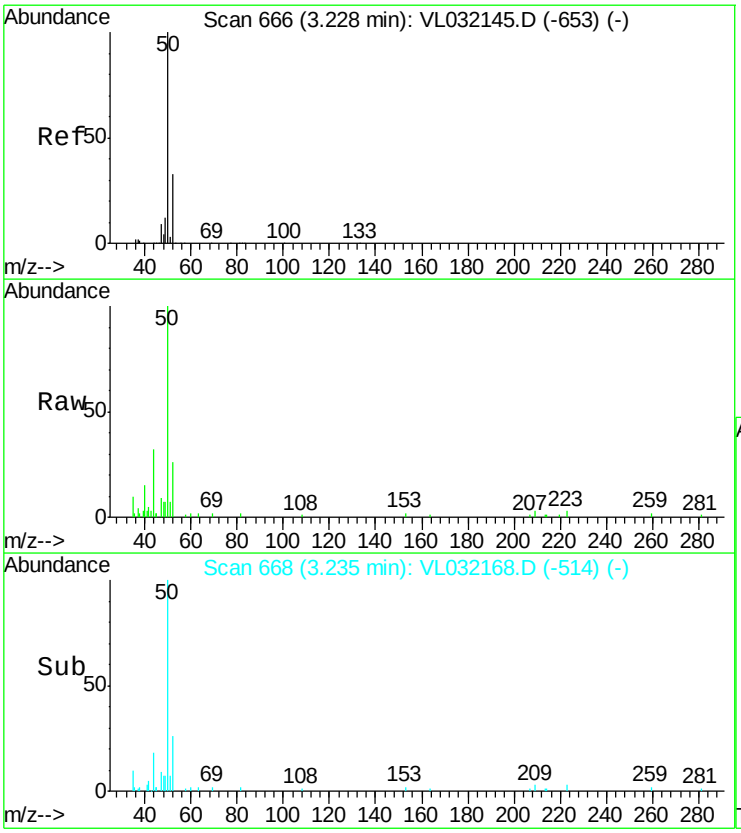
#3
Chlorodifluoromethane
Concen: 0.085 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 51 Resp: 16892

Ion	Ratio	Lower	Upper
51	100		
67	12.5	13.2	19.8#

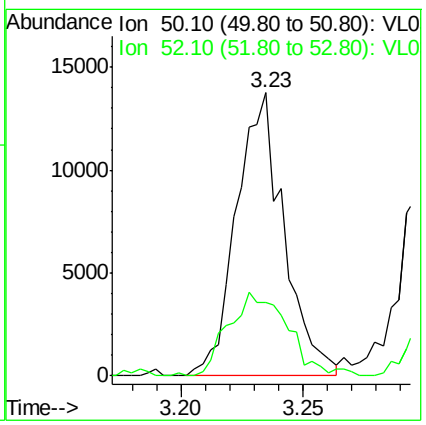


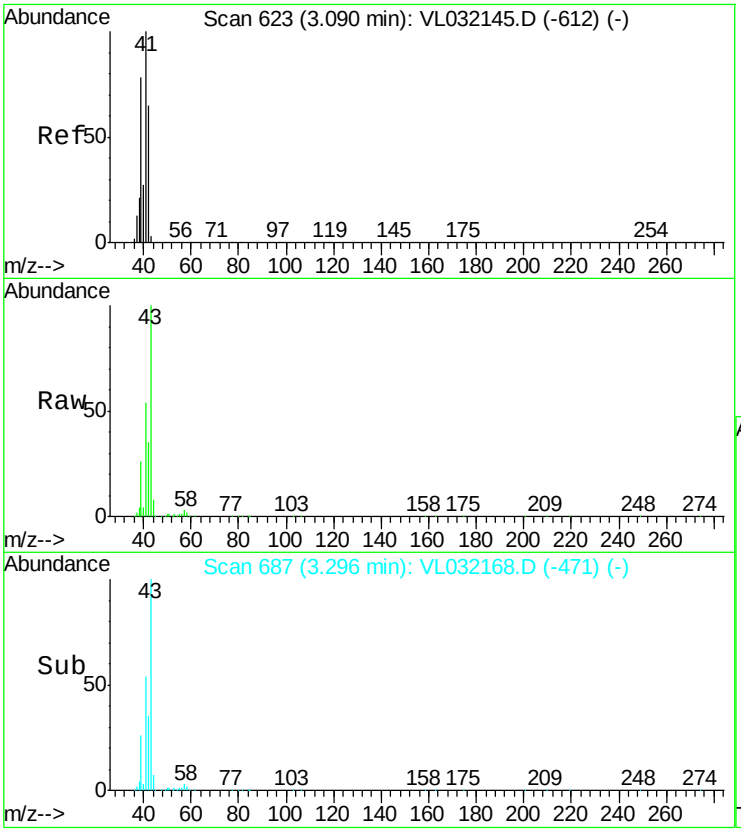


#4
Chloromethane
Concen: 0.175 ppbv
RT: 3.23 min Scan# 668
Delta R.T. -0.00 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 50 Resp: 18485

Ion	Ratio	Lower	Upper
50	100		
52	24.1	26.0	39.0#



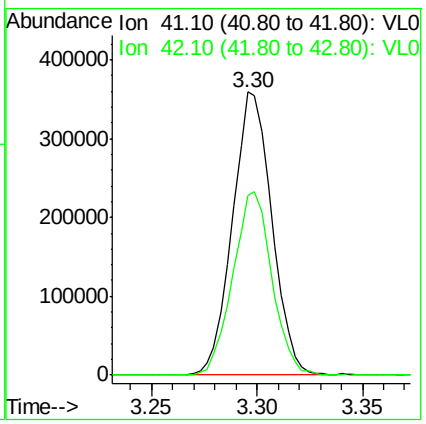


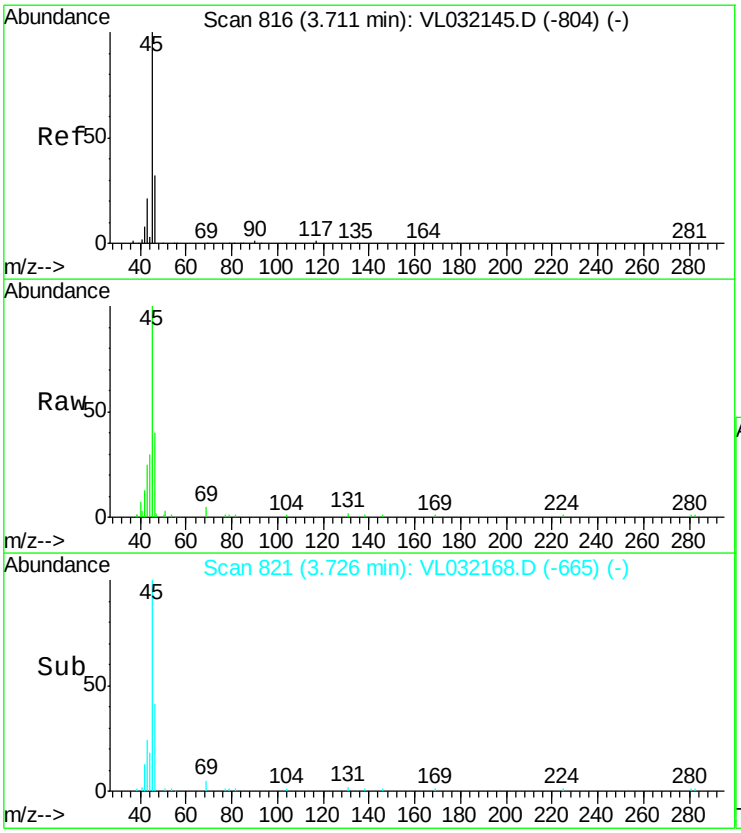
#9
Propene
Concen: 5.036 ppbv
RT: 3.30 min Scan# 687
Delta R.T. 0.20 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 41 Resp: 464323

Ion	Ratio	Lower	Upper
41	100		
42	64.4	56.2	84.4

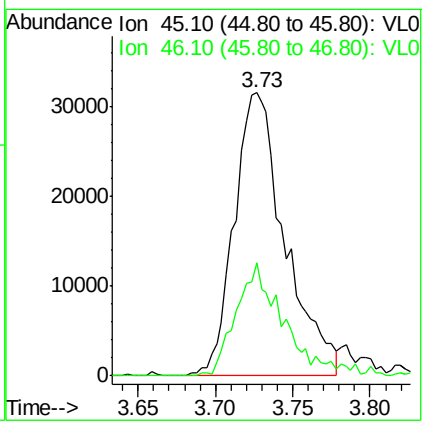


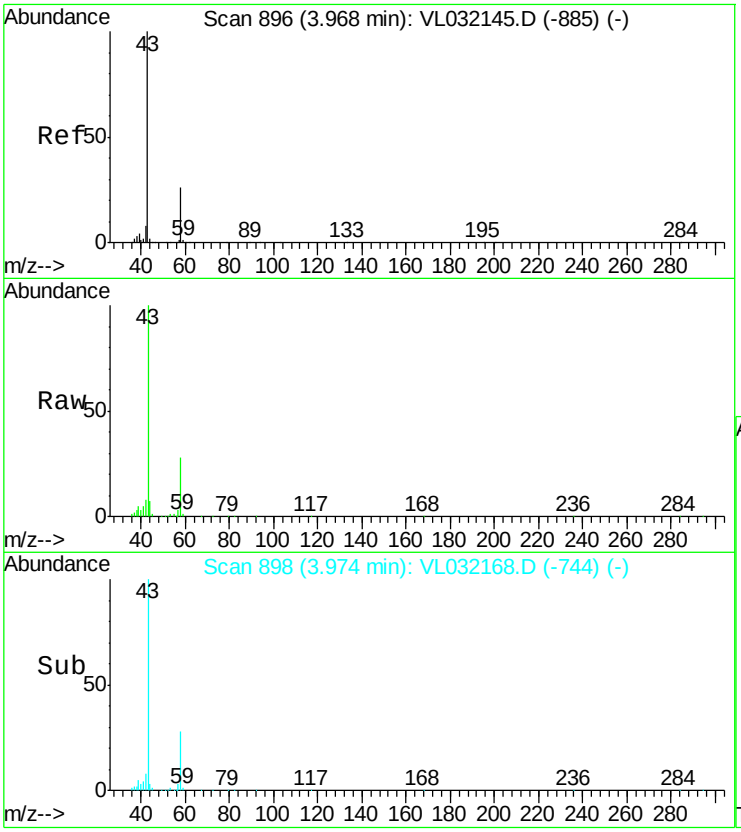


#13
Ethanol
Concen: 2.568 ppbv
RT: 3.73 min Scan# 821
Delta R.T. 0.00 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 45 Resp: 71770

Ion	Ratio	Lower	Upper
45	100		
46	37.8	14.6	58.4



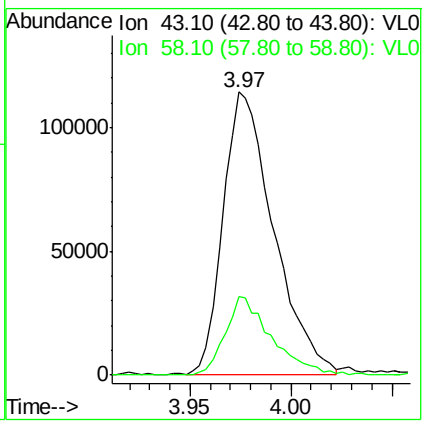


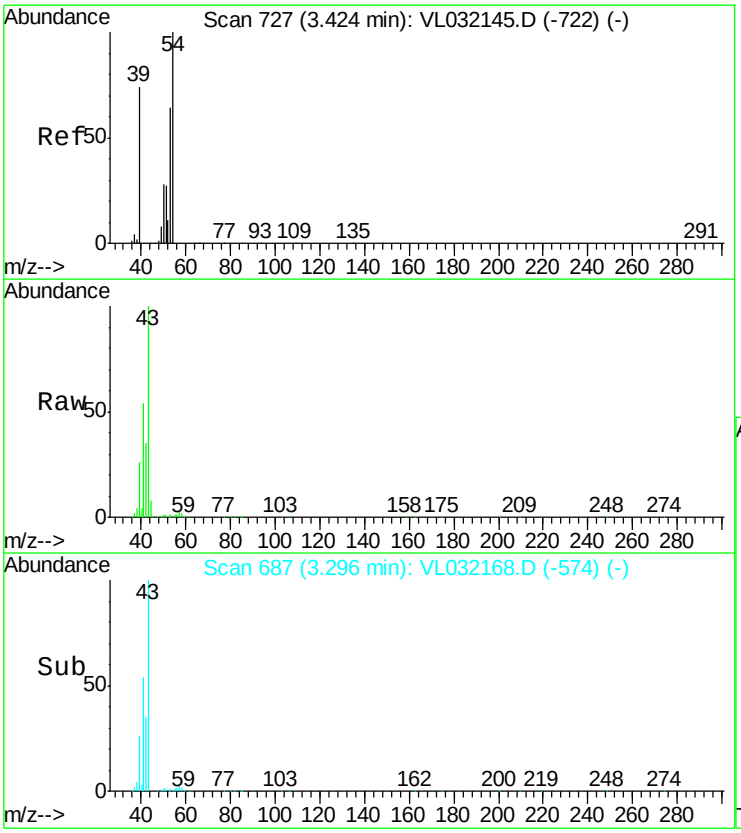
#15
Acetone
Concen: 1.050 ppbv
RT: 3.97 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 43 Resp: 198850

Ion	Ratio	Lower	Upper
43	100		
58	25.7	21.4	32.0

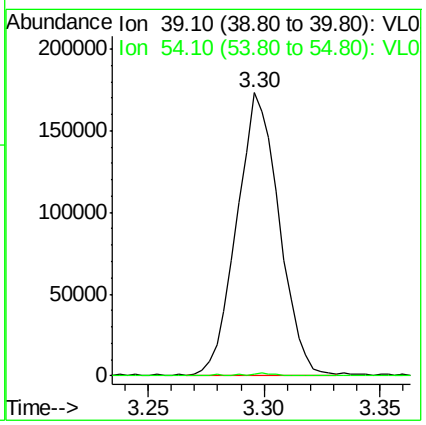


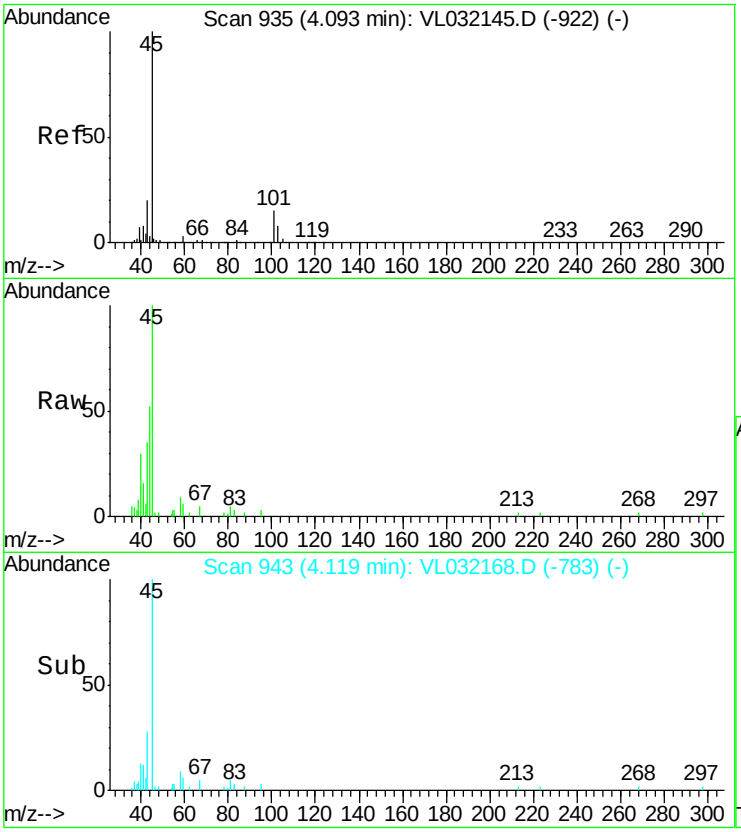


#16
1,3-Butadiene
Concen: 2.442 ppbv
RT: 3.30 min Scan# 687
Delta R.T. -0.14 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 39 Resp: 220611

Ion	Ratio	Lower	Upper
39	100		
54	0.8	75.8	113.6#



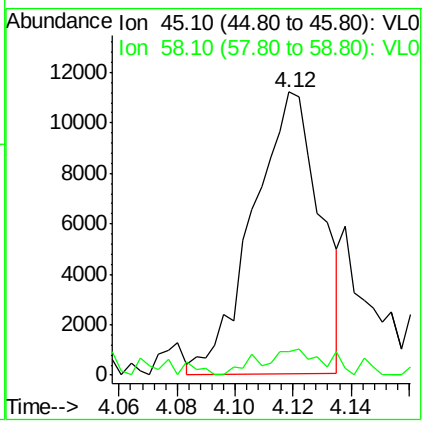


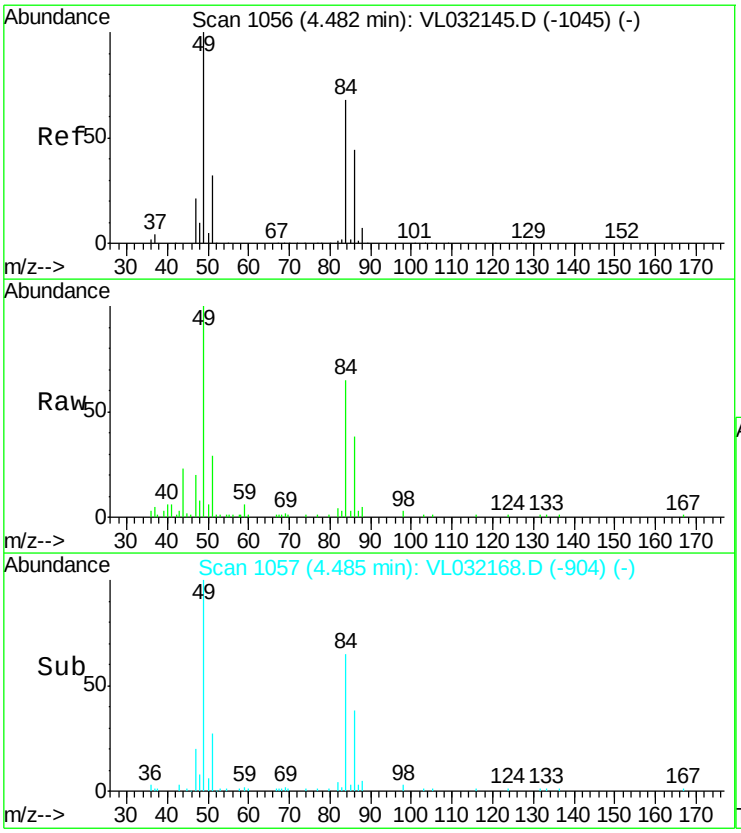
#19
Isopropyl Alcohol
Concen: 0.113 ppbv
RT: 4.12 min Scan# 943
Delta R.T. 0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 45 Resp: 17825

Ion	Ratio	Lower	Upper
45	100		
58	9.8	29.4	44.0#

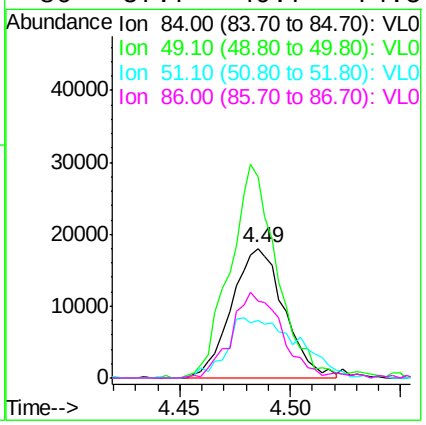


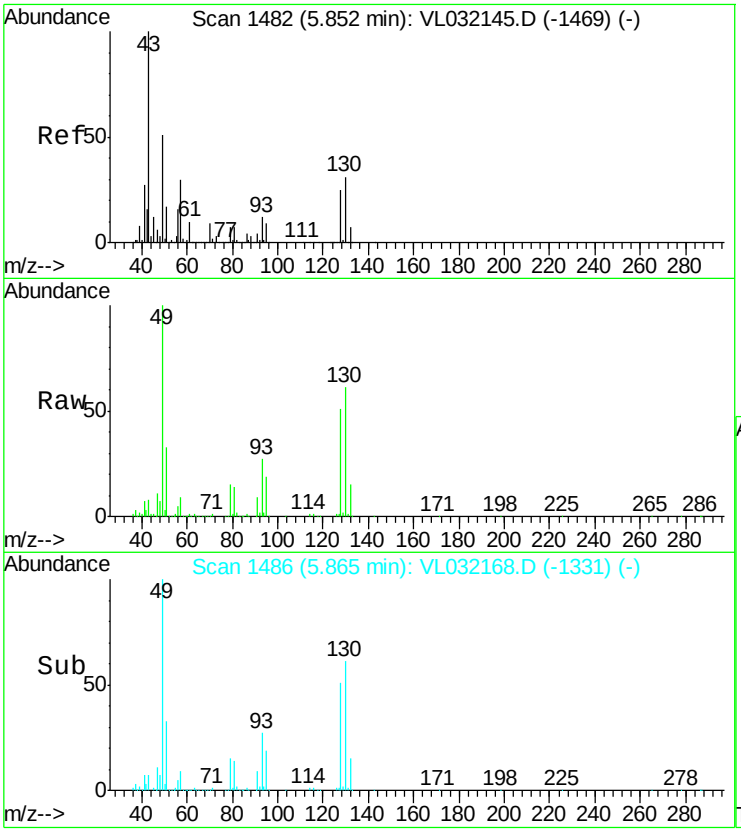


#20
Methylene Chloride
Concen: 0.434 ppbv
RT: 4.49 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 84 Resp: 30017

Ion	Ratio	Lower	Upper
84	100		
49	152.8	119.6	179.4
51	43.3	36.3	54.5
86	57.7	49.7	74.5



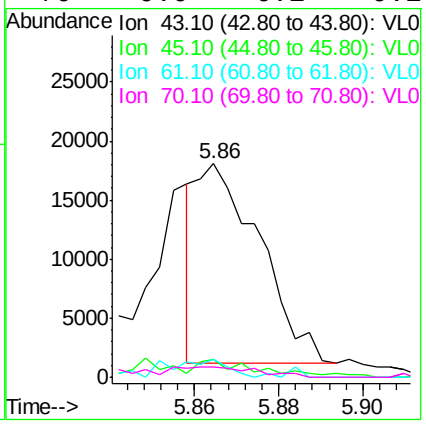


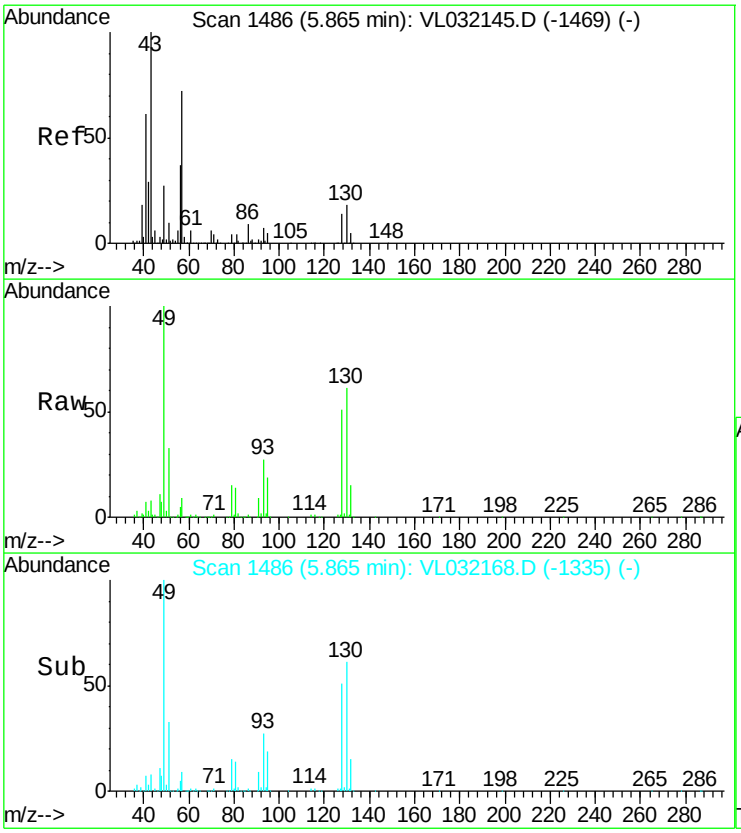
#25
Ethyl Acetate
Concen: 0.044 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 43 Resp: 17362

Ion	Ratio	Lower	Upper
43	100		
45	16.1	7.8	11.8#
61	11.4	7.4	11.0#
70	9.0	6.1	9.1

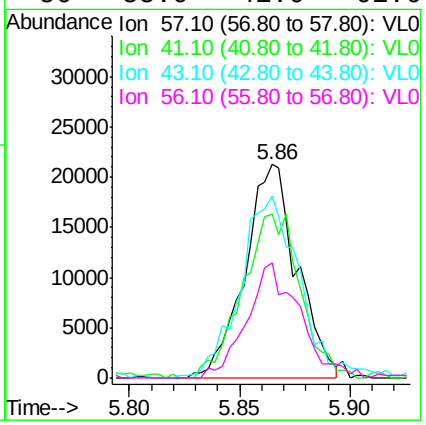


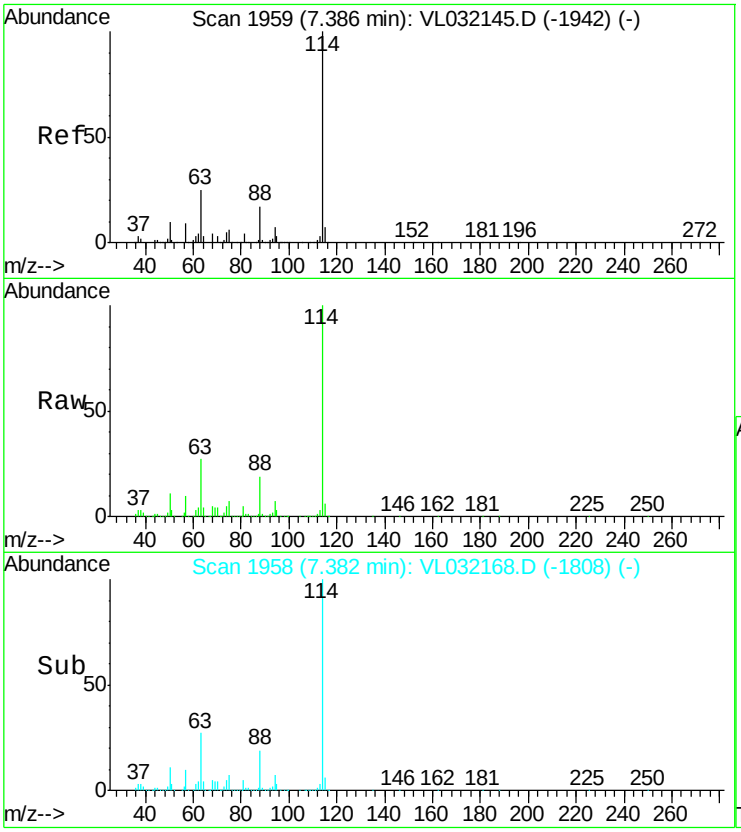


#26
Hexane
Concen: 0.193 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 57 Resp: 34883

Ion	Ratio	Lower	Upper
57	100		
41	87.4	68.6	103.0
43	97.0	168.6	252.8#
56	55.0	41.0	61.6



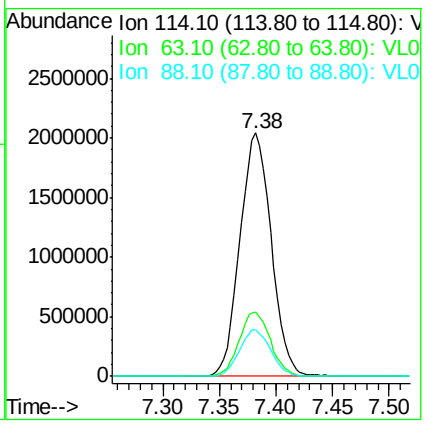


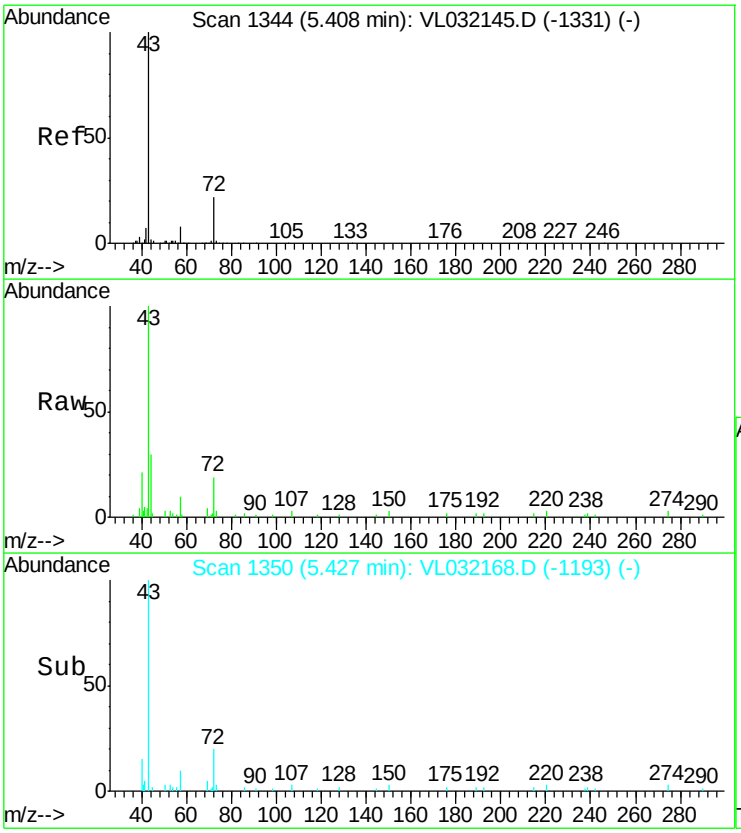
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion:114 Resp: 3943065

Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.1	28.7
88	19.2	13.9	20.9

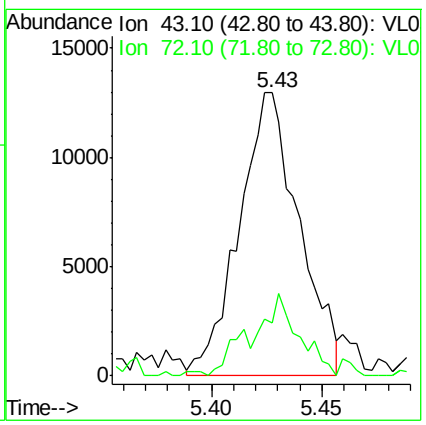


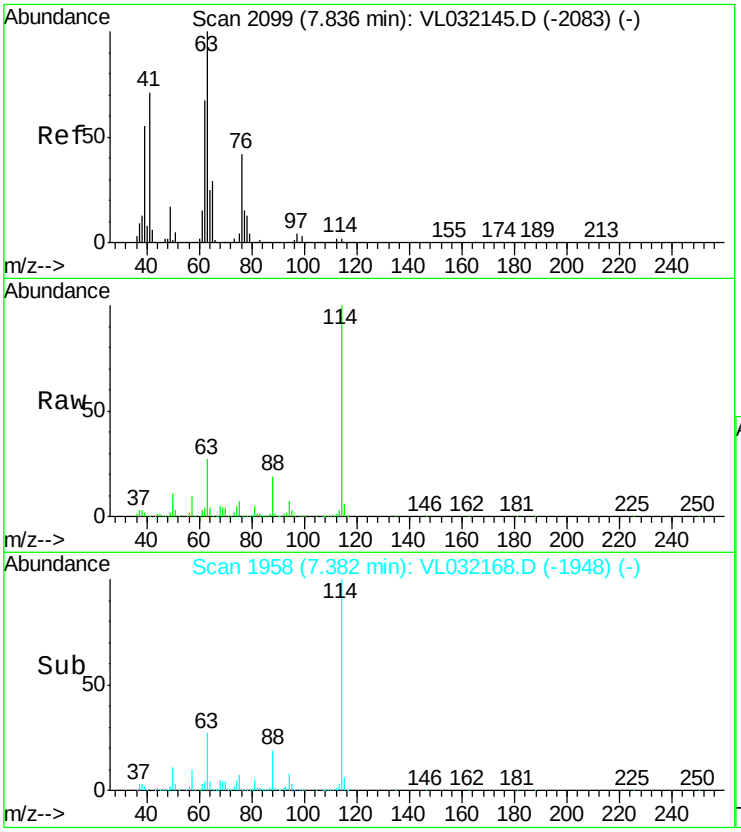


#34
2-Butanone
Concen: 0.098 ppbv
RT: 5.43 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 43 Resp: 24504

Ion	Ratio	Lower	Upper
43	100		
72	24.4	18.4	27.6



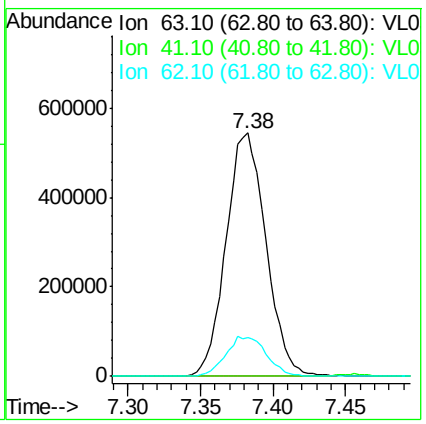


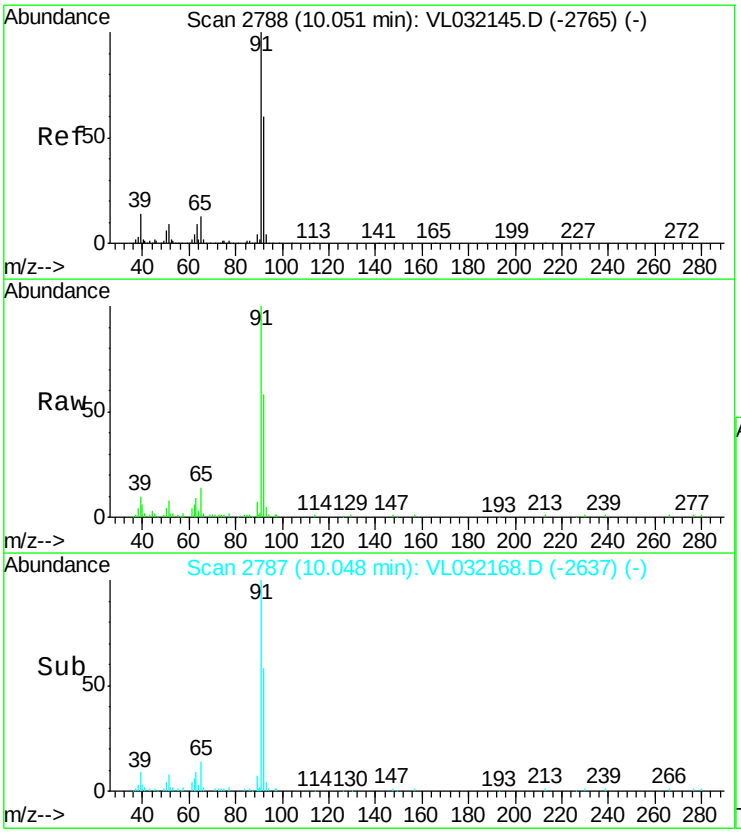
#39
1,2-Dichloropropane
Concen: 6.856 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.47 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion: 63 Resp: 1031909

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.3	79.9#
62	16.0	54.8	82.2#

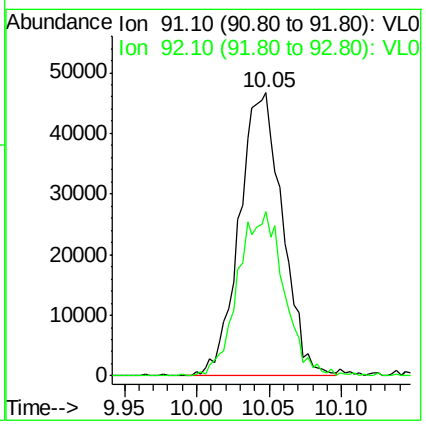


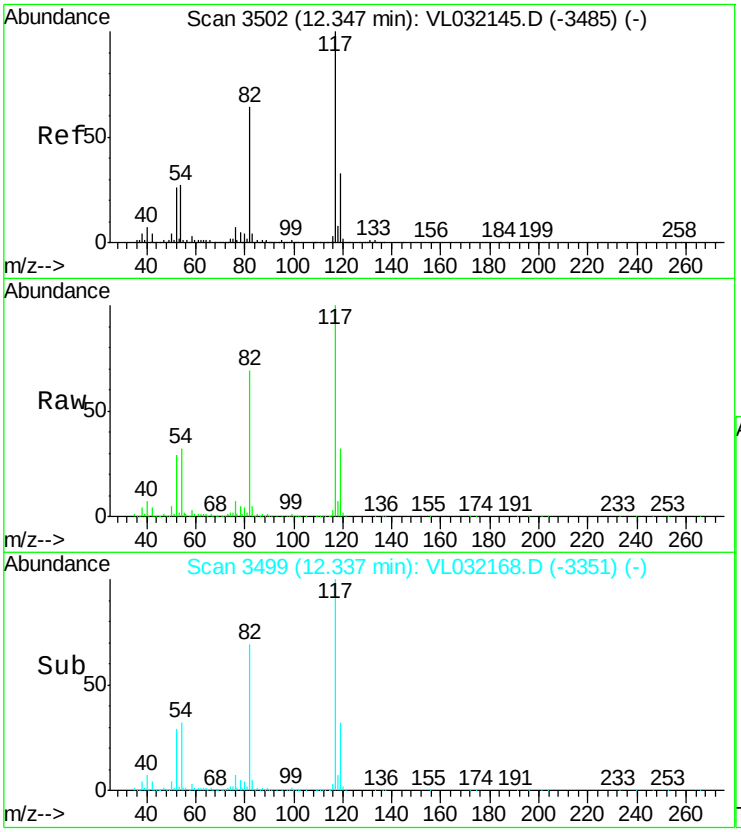


#53
Toluene
Concen: 0.210 ppbv
RT: 10.05 min Scan# 2787
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 91 Resp: 96773

Ion	Ratio	Lower	Upper
91	100		
92	61.9	49.2	73.8



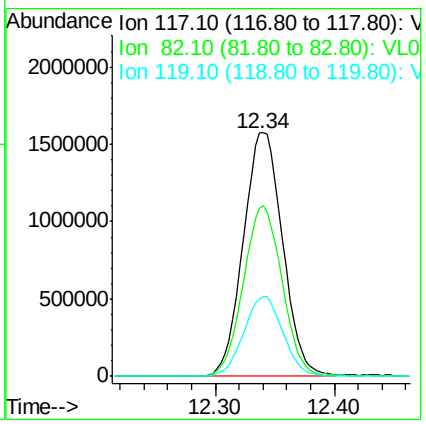


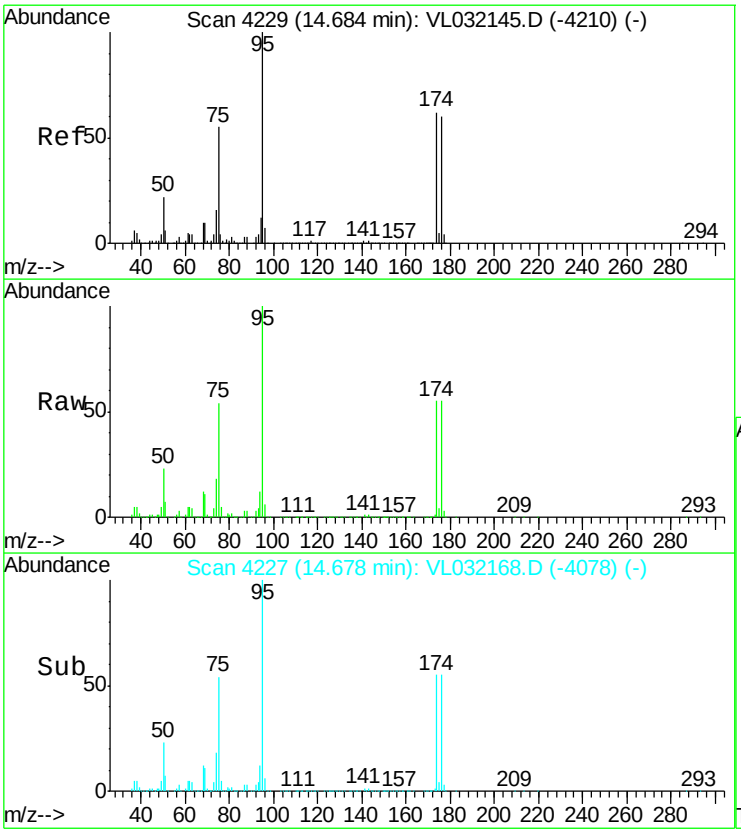
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

Tgt Ion:117 Resp: 3609088

Ion	Ratio	Lower	Upper
117	100		
82	69.4	47.8	71.8
119	32.7	43.3	64.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.217 ppbv
RT: 14.68 min Scan# 4227
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 95 Resp: 2818701

Ion	Ratio	Lower	Upper
95	100		
174	56.8	52.1	78.1
175	4.2	4.0	6.0