Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031974.D
Acq On : 3 May 2018 22:41
Operator : SY/AP
Sample : J2629-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA1DL

Quant Time: May 04 03:28:12 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.88	49	1228815	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2427041	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2421516	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	1966766	10.47	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	9227	0.06	ppbv		93
3) Chlorodifluoromethane	3.07	51	35691	0.31	ppbv	#	66
4) Chloromethane	3.26	50	3300	0.05	ppbv	#	86
9) Propene	3.14	41	582	0.01	ppbv		89
11) Trichlorofluoromethane	4.11	101	2701	0.01	ppbv		97
13) Ethanol	3.75	45	106336	6.72	ppbv	#	100
15) Acetone	4.01	43	92575	0.53	ppbv		92
16) 1,3-Butadiene	3.44	39	1328	0.02	ppbv	#	8
19) Isopropyl Alcohol	4.14	45	58945	0.63	ppbv	#	91
20) Methylene Chloride	4.51	84	98980	1.69	ppbv		94
23) Vinyl Acetate	5.27	43	2066	0.01	ppbv	#	80
26) Hexane	5.90	57	37575	0.27	ppbv	#	45
34) 2-Butanone	5.45	43	4552	0.02	ppbv	#	53
39) 1,2-Dichloropropane	7.42	63	639987	8.04	ppbv	#	23

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

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031974.D
Acq On : 3 May 2018 22:41
Operator : SY/AP
Sample : J2629-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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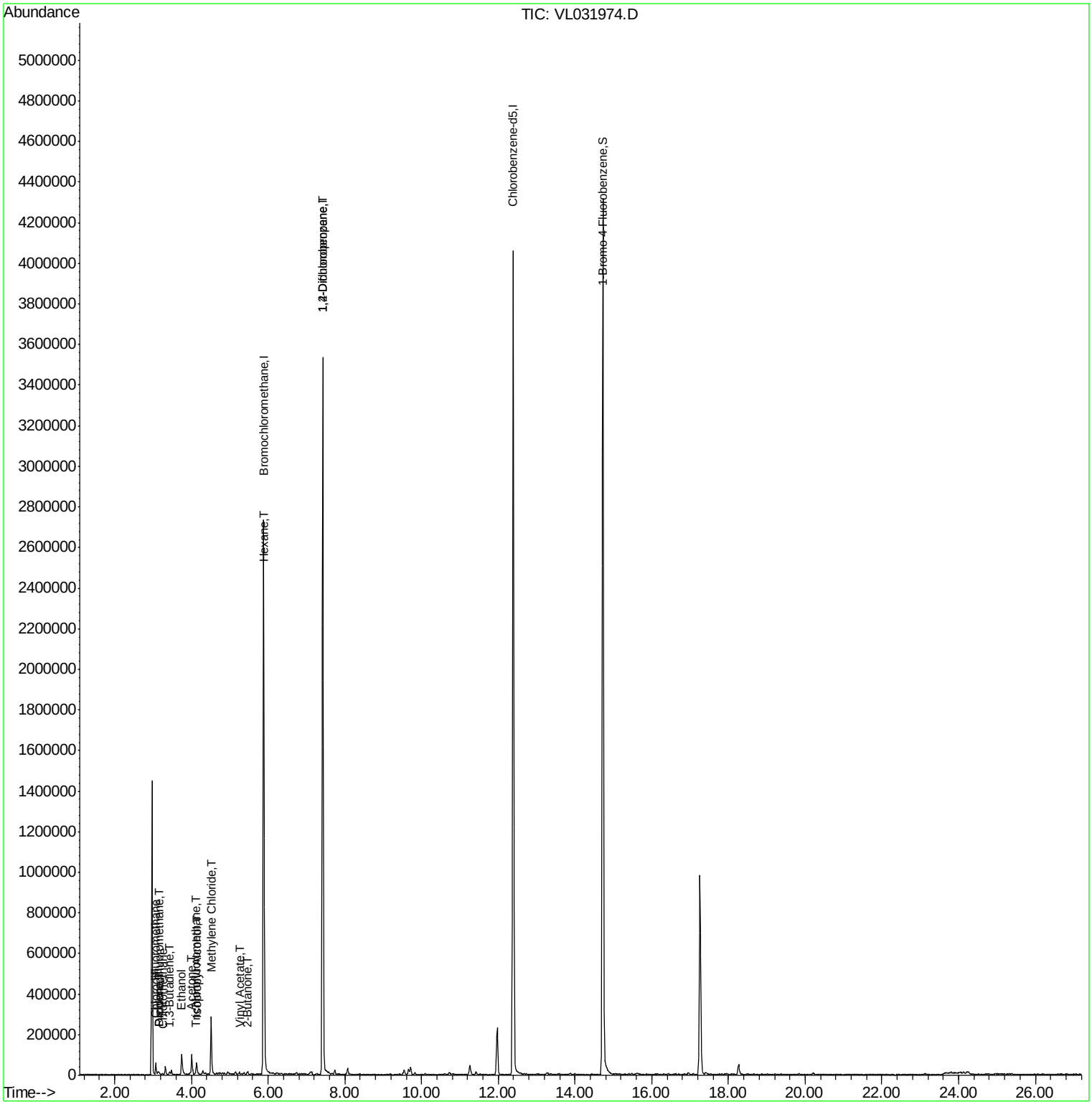
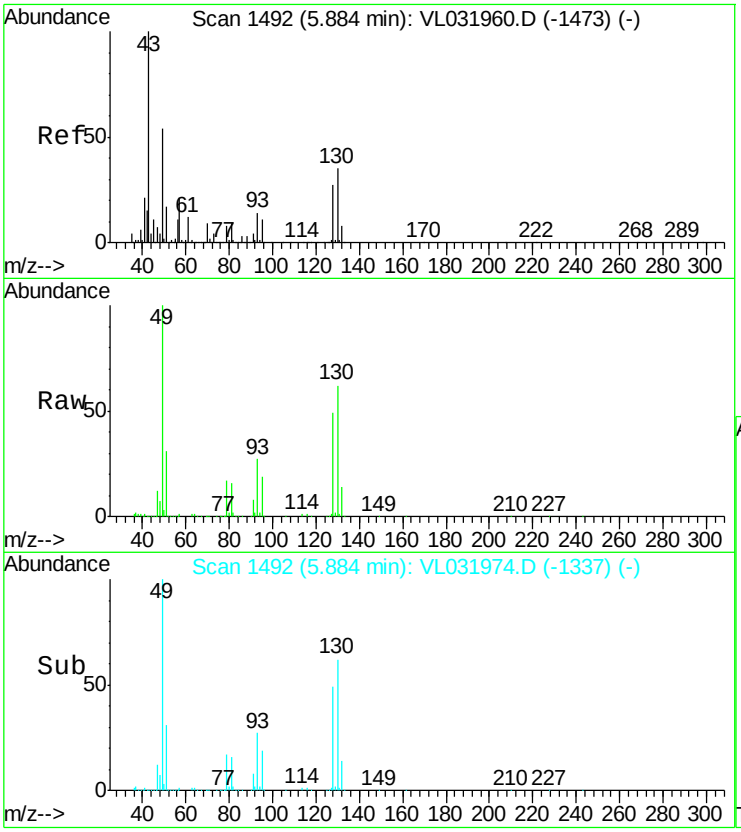
Quant Time: May 04 03:28:12 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration



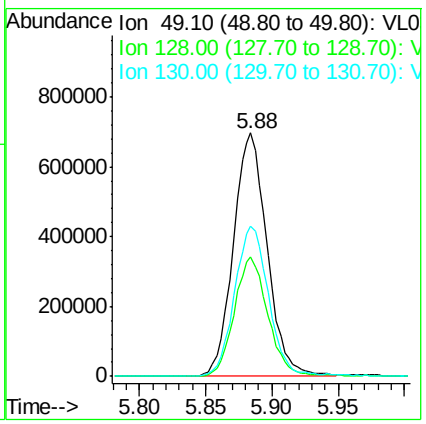


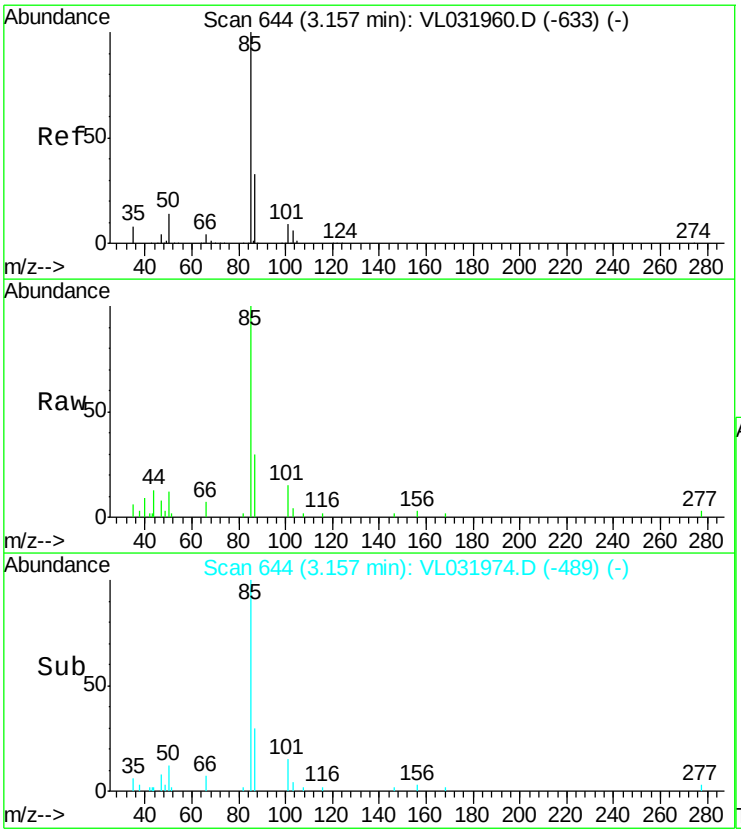
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 49 Resp: 1228815

Ion	Ratio	Lower	Upper
49	100		
128	49.2	24.1	72.3
130	63.2	30.7	92.1

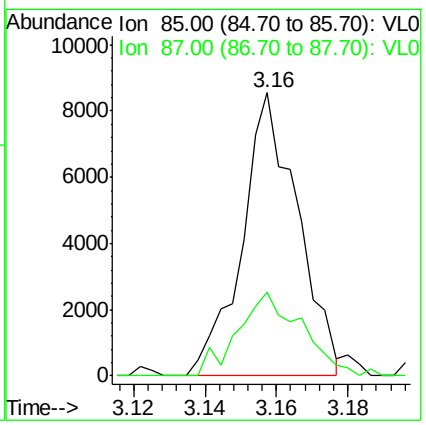


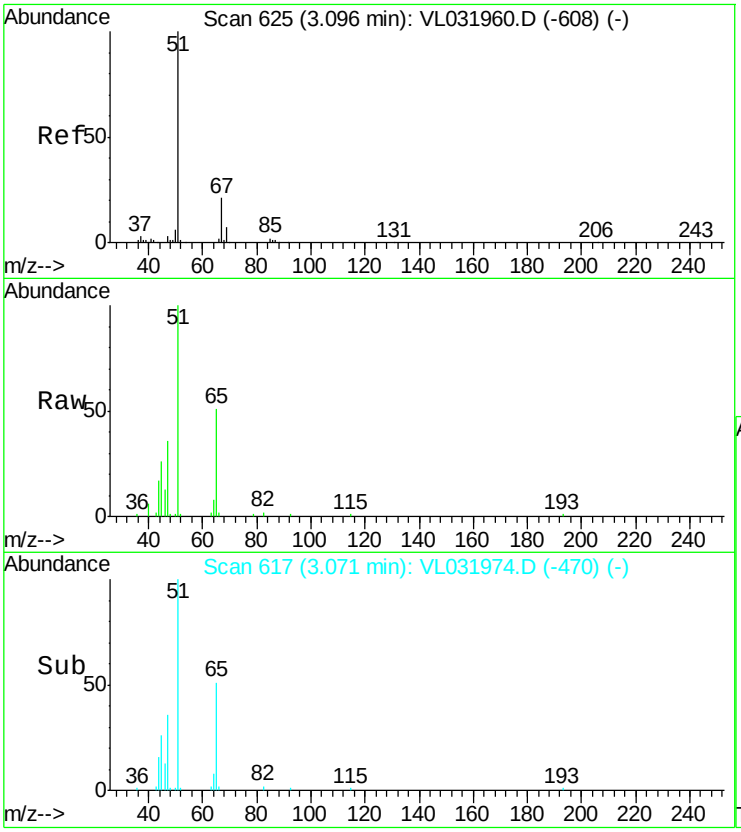


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.16 min Scan# 644
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 85 Resp: 9227

Ion	Ratio	Lower	Upper
85	100		
87	29.6	26.8	40.2



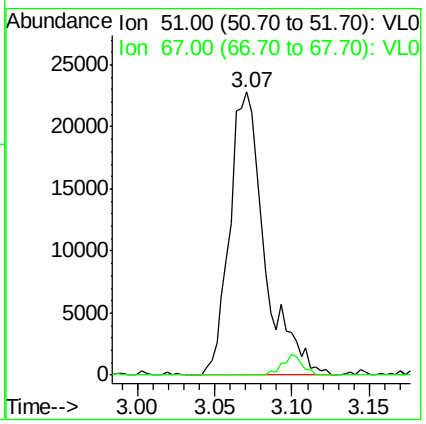


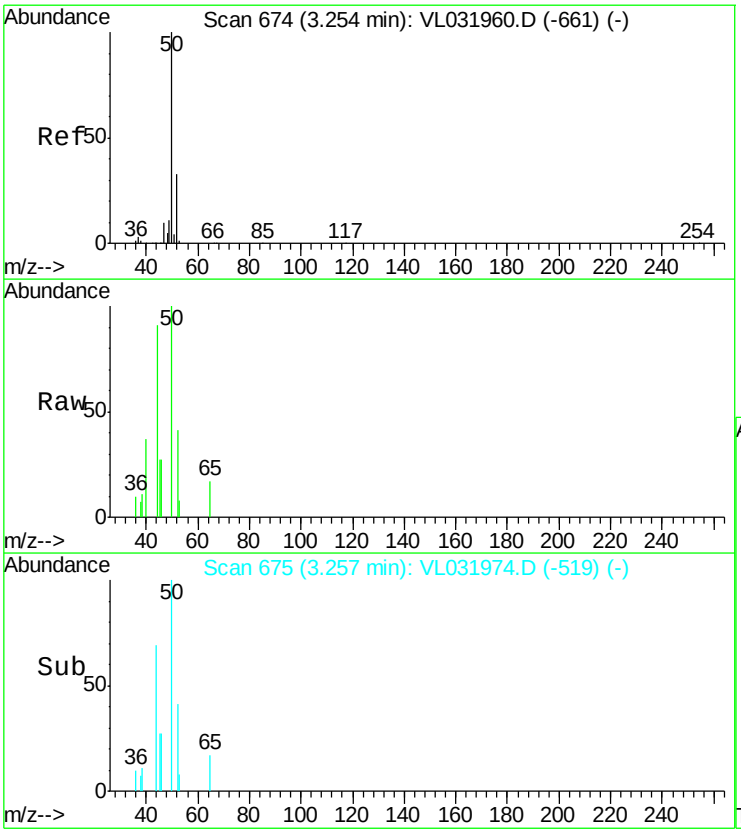
#3
Chlorodifluoromethane
Concen: 0.31 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.03 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 51 Resp: 35691

Ion	Ratio	Lower	Upper
51	100		
67	4.1	15.9	23.9#

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

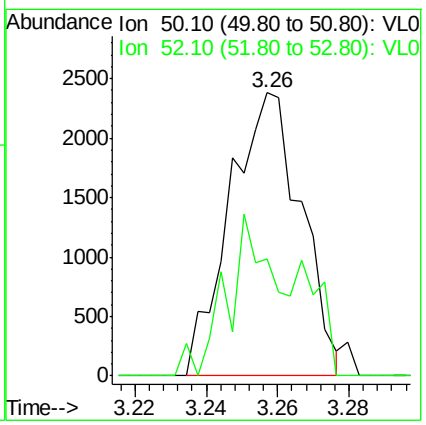


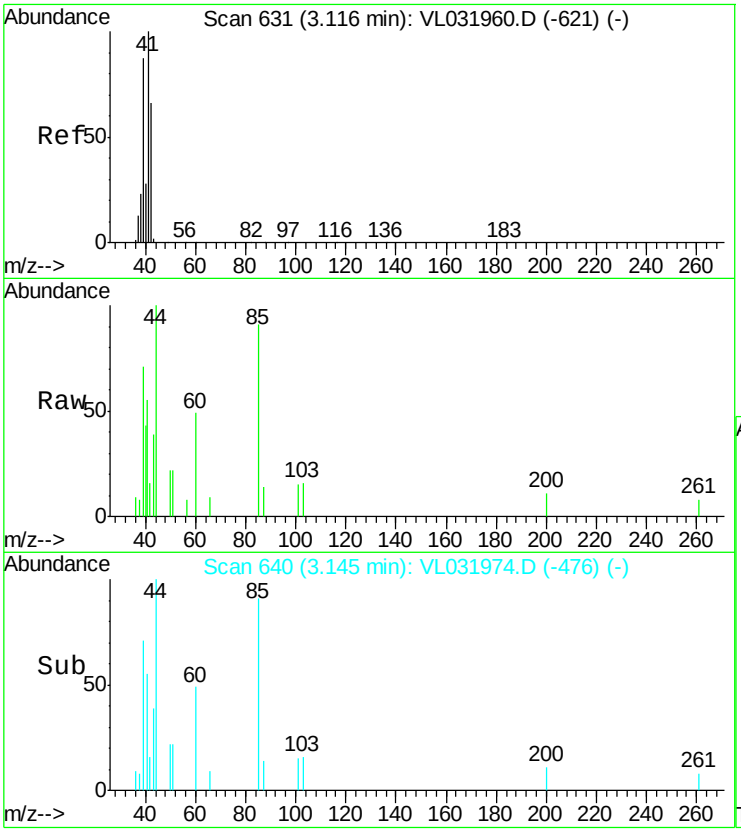


#4
Chloromethane
Concen: 0.05 ppbv
RT: 3.26 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 50 Resp: 3300

Ion	Ratio	Lower	Upper
50	100		
52	41.3	26.6	39.8#



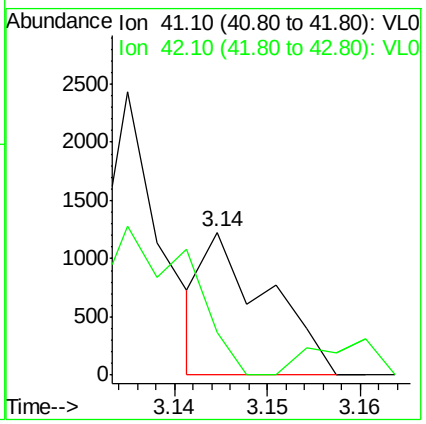


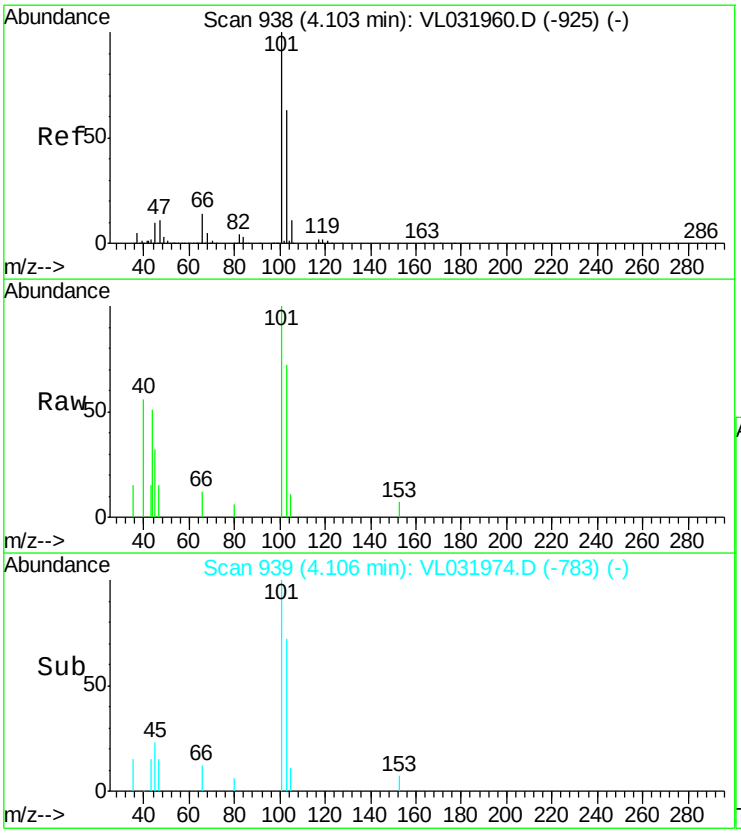
#9
Propene
Concen: 0.01 ppbv
RT: 3.14 min Scan# 640
Delta R.T. 0.03 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 41 Resp: 582

Ion	Ratio	Lower	Upper
41	100		
42	58.4	53.9	80.9

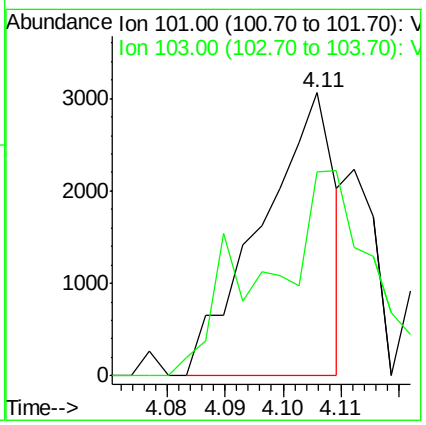


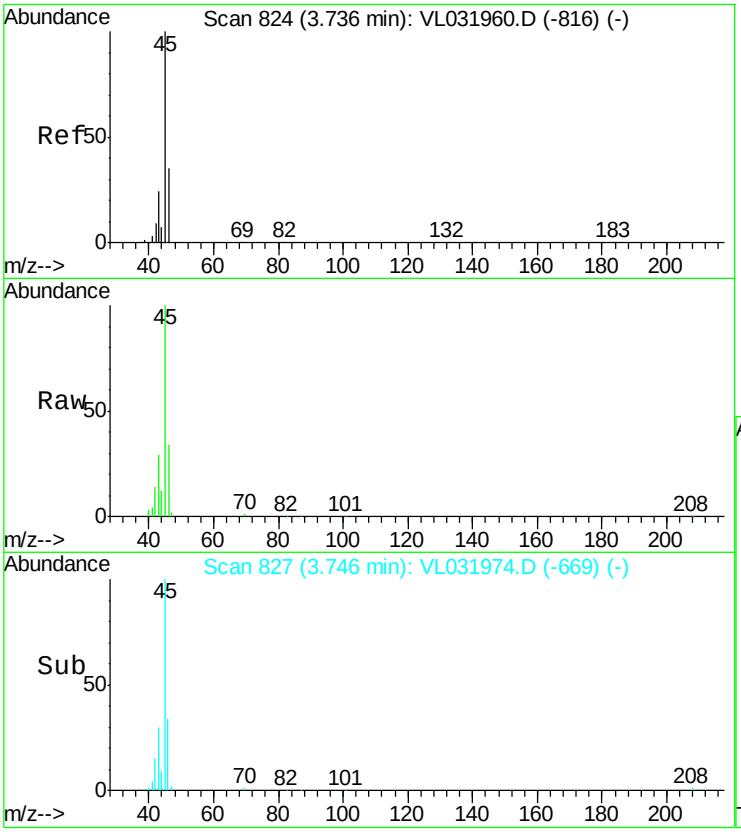


#11
Trichlorofluoromethane
Concen: 0.01 ppbv
RT: 4.11 min Scan# 939
Delta R.T. 0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion:101 Resp: 2701

Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.7	76.1



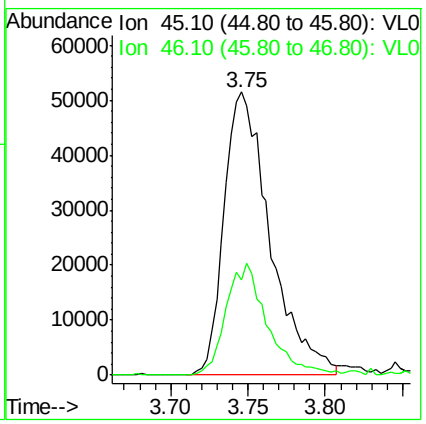


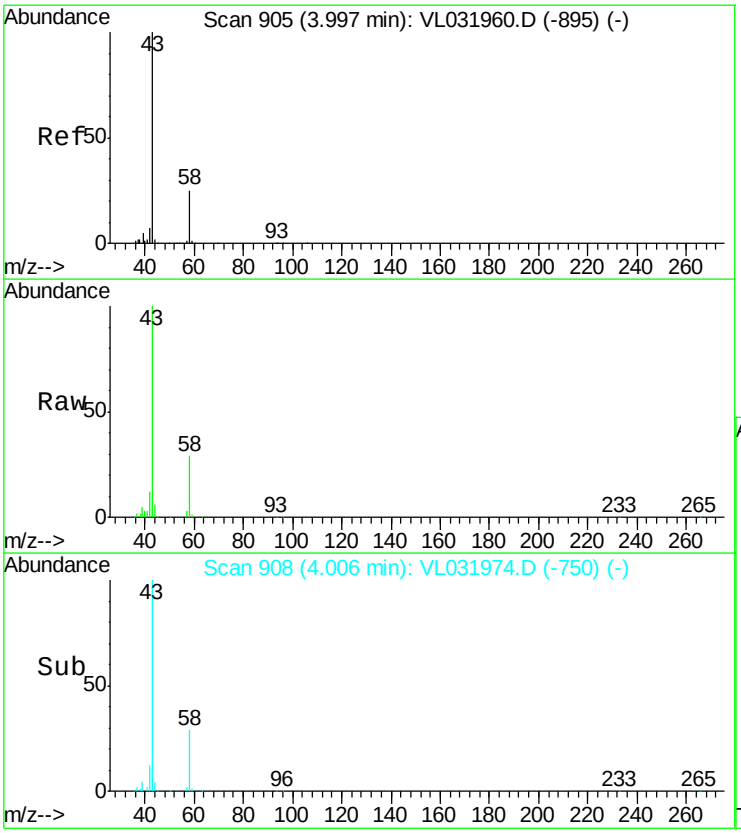
#13
Ethanol
Concen: 6.72 ppbv
RT: 3.75 min Scan# 827
Delta R.T. 0.01 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument : MSVOA_L
ClientSampleId : IA1DL

Tgt Ion: 45 Resp: 106336

Ion	Ratio	Lower	Upper
45	100		
46	36.0	0.0	0.0#

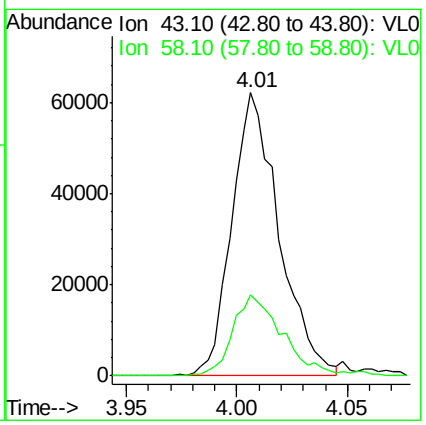


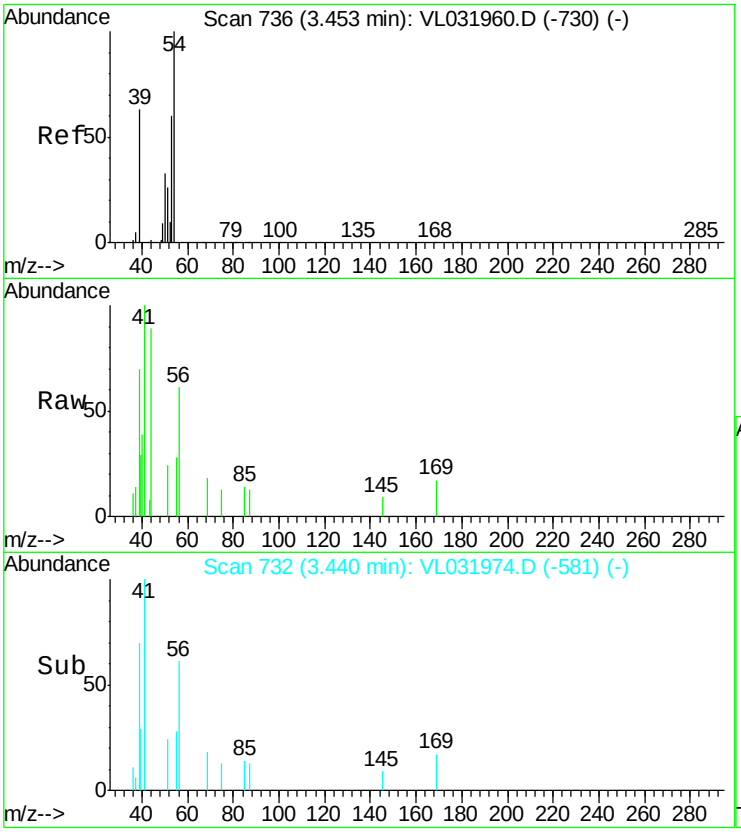


#15
Acetone
Concen: 0.53 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 43 Resp: 92575

Ion	Ratio	Lower	Upper
43	100		
58	30.6	21.1	31.7



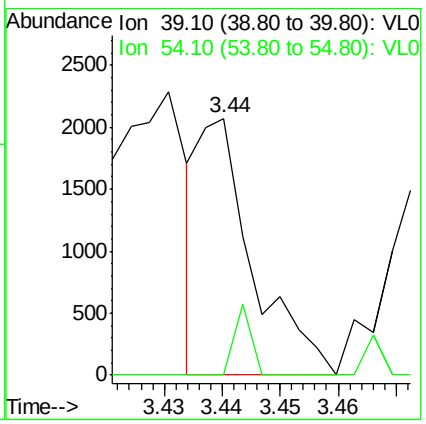


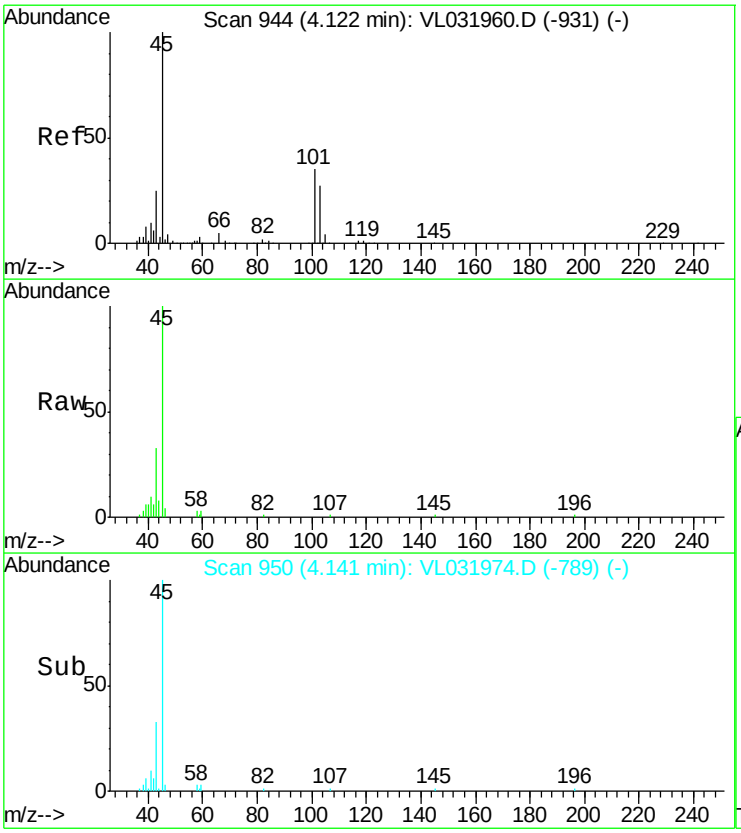
#16
1,3-Butadiene
Concen: 0.02 ppbv
RT: 3.44 min Scan# 732
Delta R.T. -0.01 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument : MSVOA_L
ClientSampleId : IA1DL

Tgt Ion: 39 Resp: 1328

Ion	Ratio	Lower	Upper
39	100		
54	0.0	66.2	99.2#

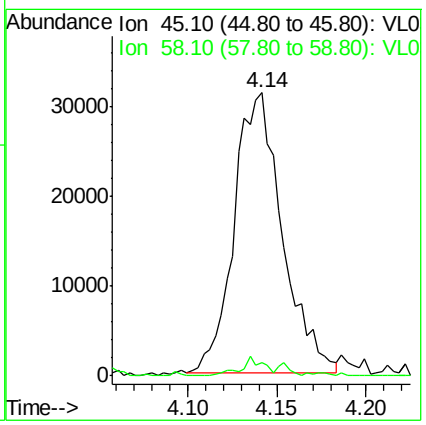


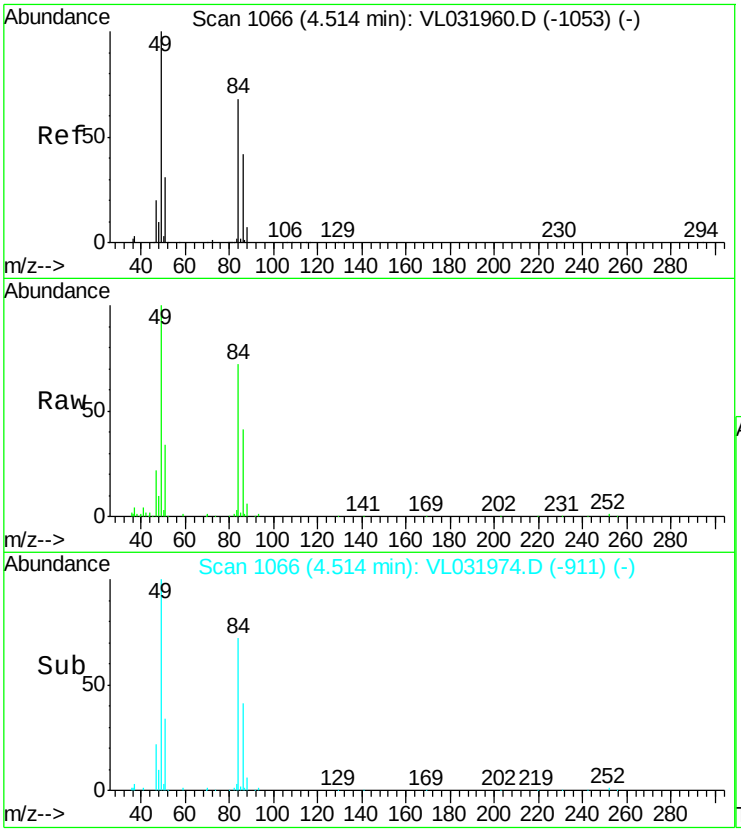


#19
Isopropyl Alcohol
Concen: 0.63 ppbv
RT: 4.14 min Scan# 950
Delta R.T. 0.02 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 45 Resp: 58945

Ion	Ratio	Lower	Upper
45	100		
58	5.1	1.4	2.2#



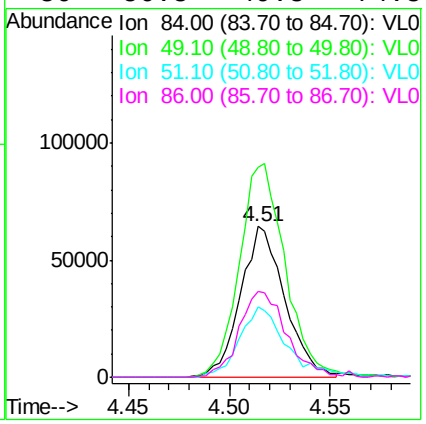


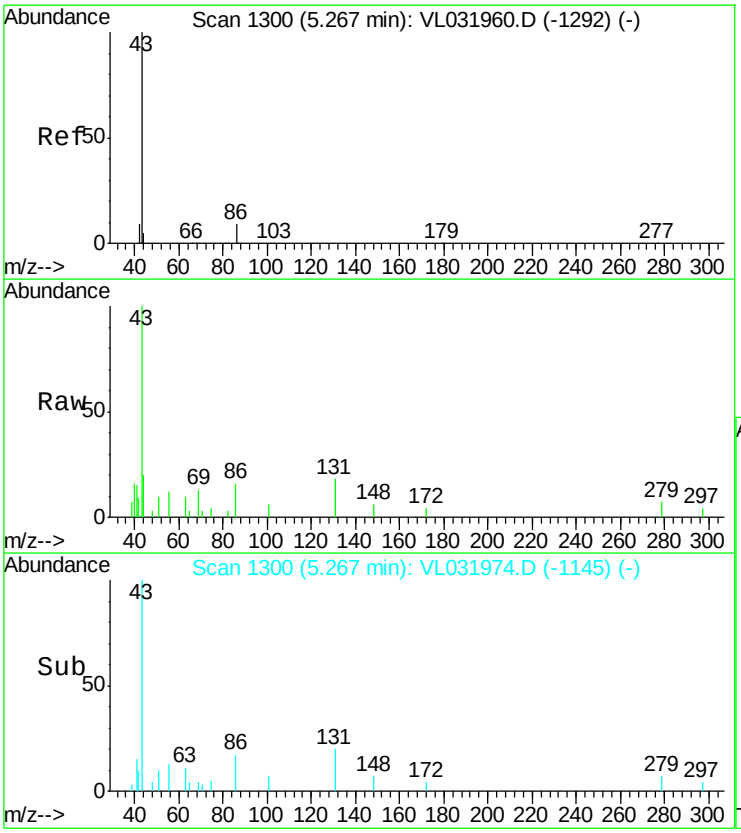
#20
Methylene Chloride
Concen: 1.69 ppbv
RT: 4.51 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument : MSVOA_L
ClientSampleId : IA1DL

Tgt Ion: 84 Resp: 98980

Ion	Ratio	Lower	Upper
84	100		
49	139.5	118.6	178.0
51	46.6	36.6	54.8
86	56.8	49.8	74.8

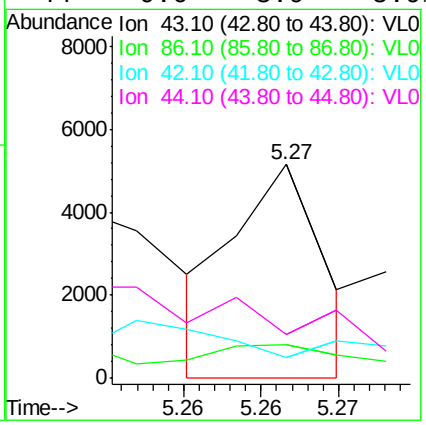


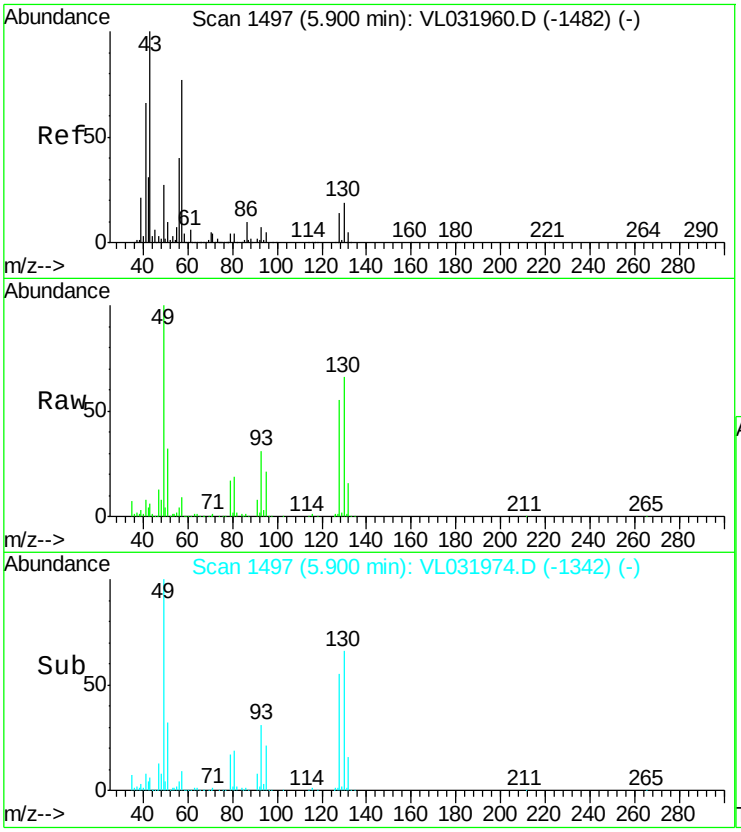


#23
Vinyl Acetate
Concen: 0.01 ppbv
RT: 5.27 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 43 Resp: 2066

Ion	Ratio	Lower	Upper
43	100		
86	12.4	6.1	9.1#
42	0.0	8.0	12.0#
44	0.0	3.9	5.9#



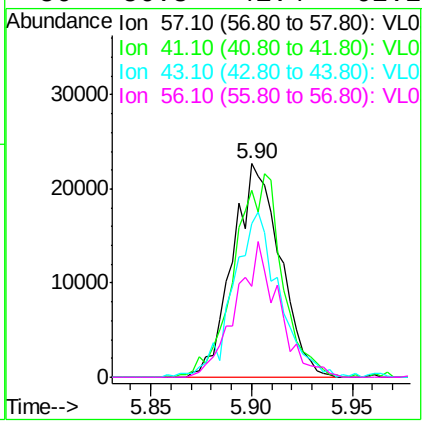


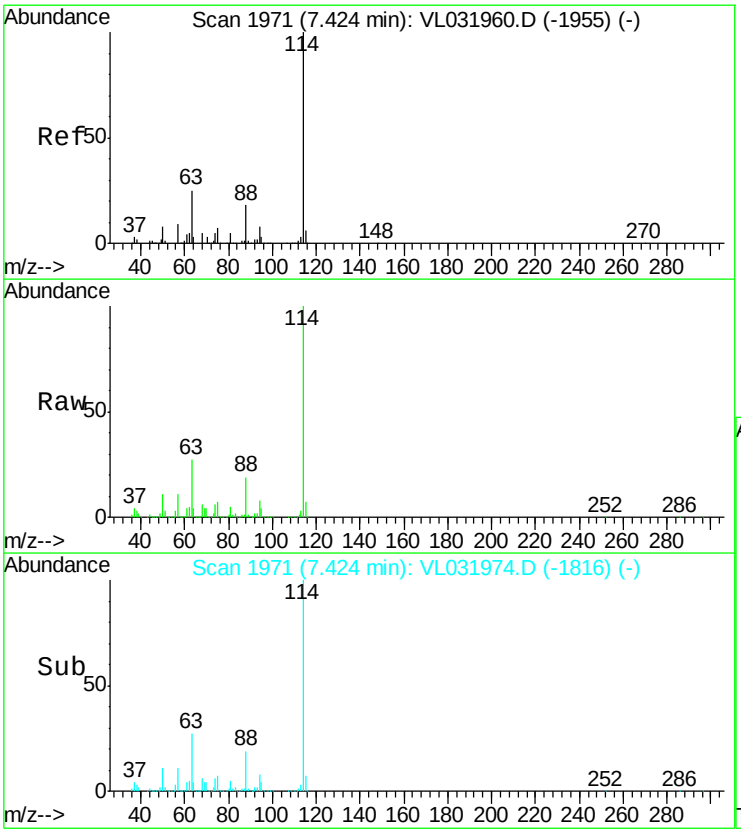
#26
Hexane
Concen: 0.27 ppbv
RT: 5.90 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 57 Resp: 37575

Ion	Ratio	Lower	Upper
57	100		
41	95.3	71.8	107.6
43	75.6	171.5	257.3#
56	56.8	41.4	62.2

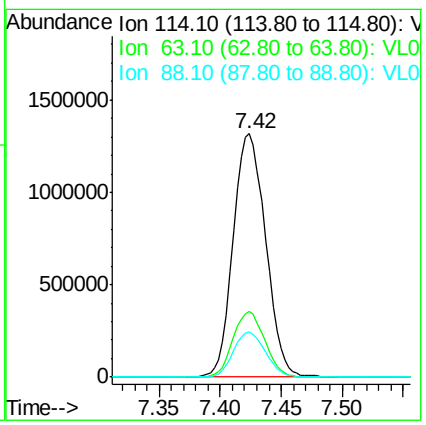


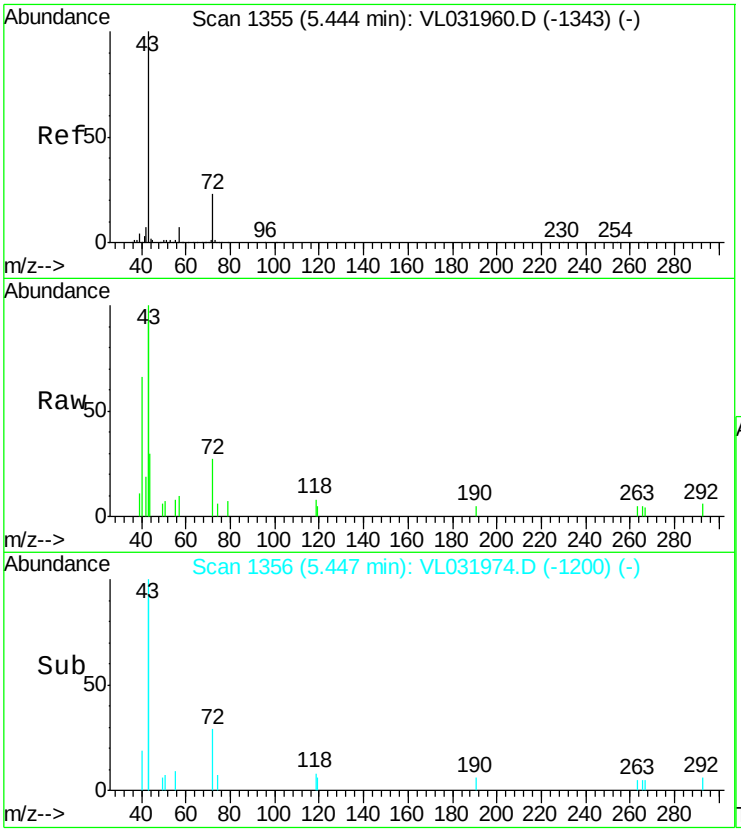


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion:114 Resp: 2427041

Ion	Ratio	Lower	Upper
114	100		
63	26.6	20.8	31.2
88	18.4	14.6	21.8



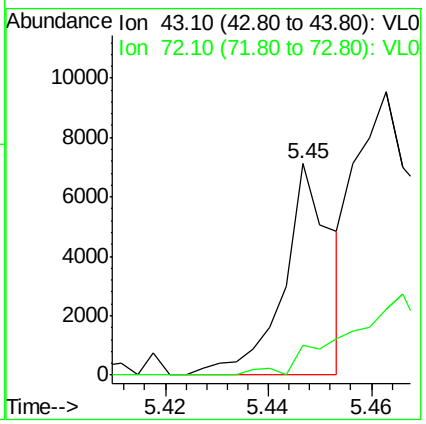


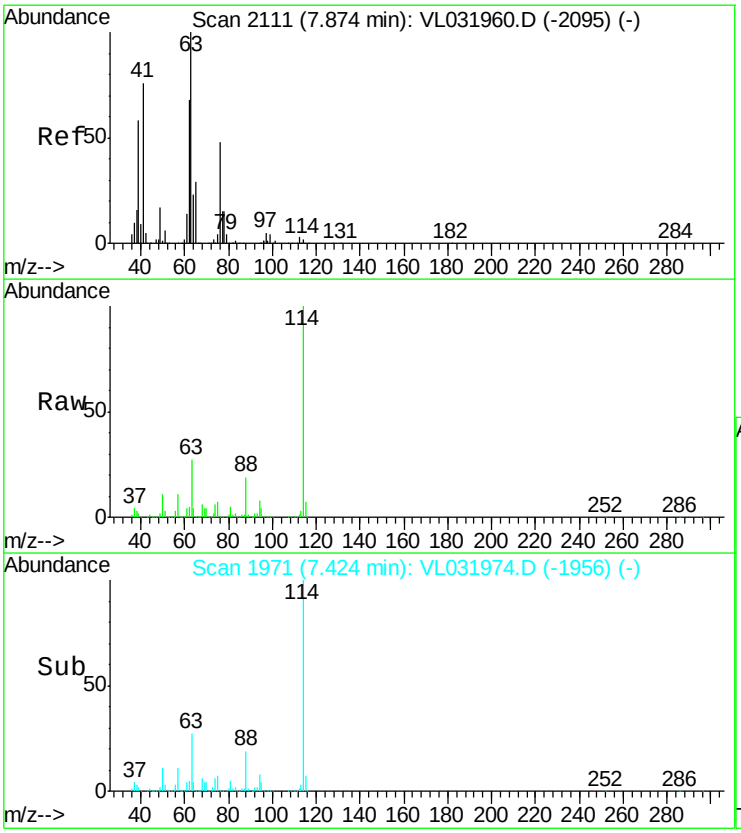
#34
2-Butanone
Concen: 0.02 ppbv
RT: 5.45 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument : MSVOA_L
ClientSampleId : IA1DL

Tgt Ion: 43 Resp: 4552

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.3	27.5#

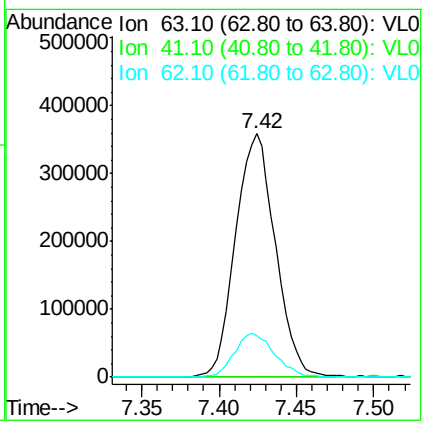


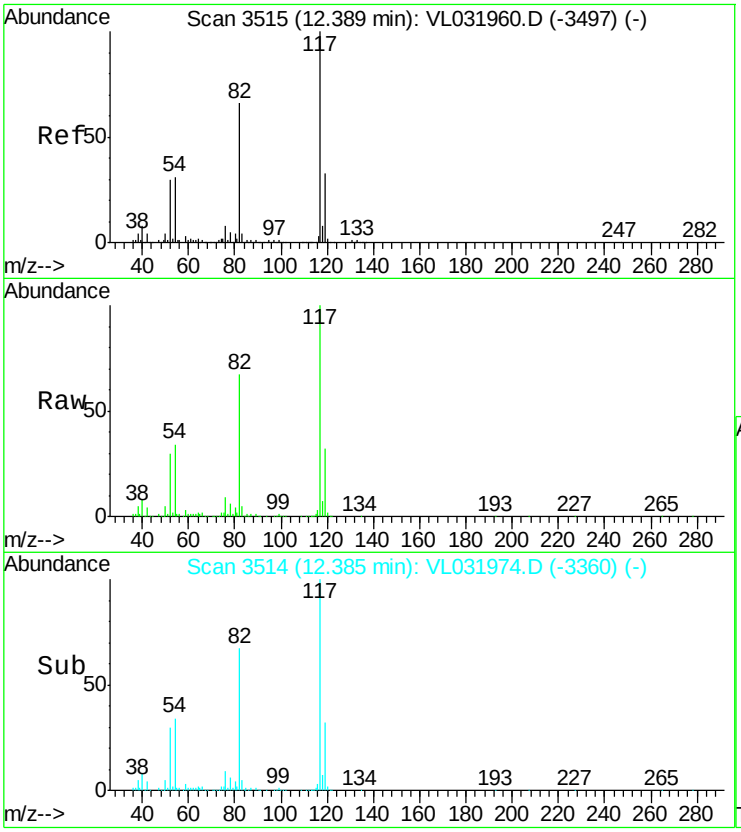


#39
1,2-Dichloropropane
Concen: 8.04 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.45 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 63 Resp: 639987

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.7	91.1#
62	17.1	54.7	82.1#



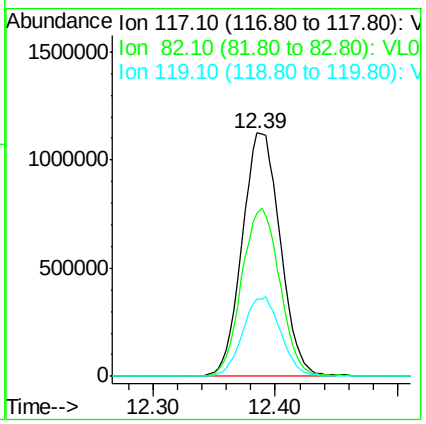


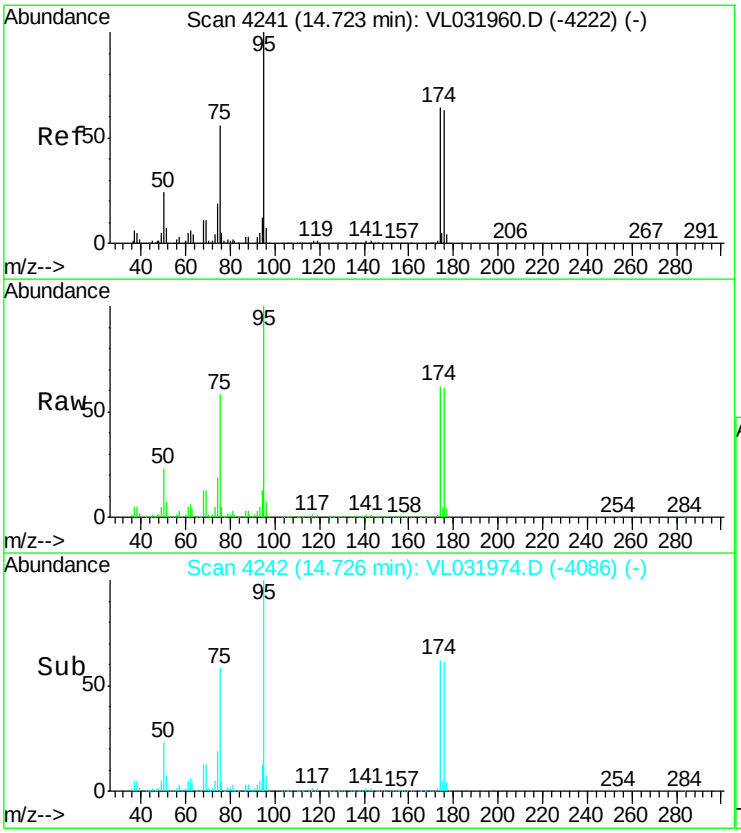
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Instrument : MSVOA_L
ClientSampleId : IA1DL

Tgt Ion:117 Resp: 2421516

Ion	Ratio	Lower	Upper
117	100		
82	69.6	51.6	77.4
119	32.6	44.2	66.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.47 ppbv
RT: 14.73 min Scan# 4242
Delta R.T. 0.00 min
Lab File: VL031974.D
Acq: 3 May 2018 22:41

Tgt Ion: 95 Resp: 1966766

Ion	Ratio	Lower	Upper
95	100		
174	64.7	53.0	79.6
175	4.8	3.9	5.9