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

Quantitation Report (Not Reviewed)

Data File : VL031984.D
Acq On : 4 May 2018 5:24
Operator : SY/AP
Sample : J2629-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG3DL

Quant Time: May 04 05:53:24 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	1282183	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2644998	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2562977	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	2011564	10.12	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.07	51	29340	0.24	ppbv	#	63
9) Propene	3.13	41	5388	0.12	ppbv		87
13) Ethanol	3.74	45	7095	0.43	ppbv	#	100
15) Acetone	4.01	43	82449	0.45	ppbv	#	79
20) Methylene Chloride	4.52	84	29155	0.48	ppbv	#	83
23) Vinyl Acetate	5.27	43	6740	0.03	ppbv	#	65
25) Ethyl Acetate	5.89	43	9395	0.03	ppbv	#	85
26) Hexane	5.90	57	30682	0.21	ppbv	#	40
34) 2-Butanone	5.45	43	115039	0.53	ppbv		100
39) 1,2-Dichloropropane	7.42	63	677281	7.81	ppbv	#	24
65) tert-Butylbenzene	17.25	119	63193	0.18	ppbv	#	20

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

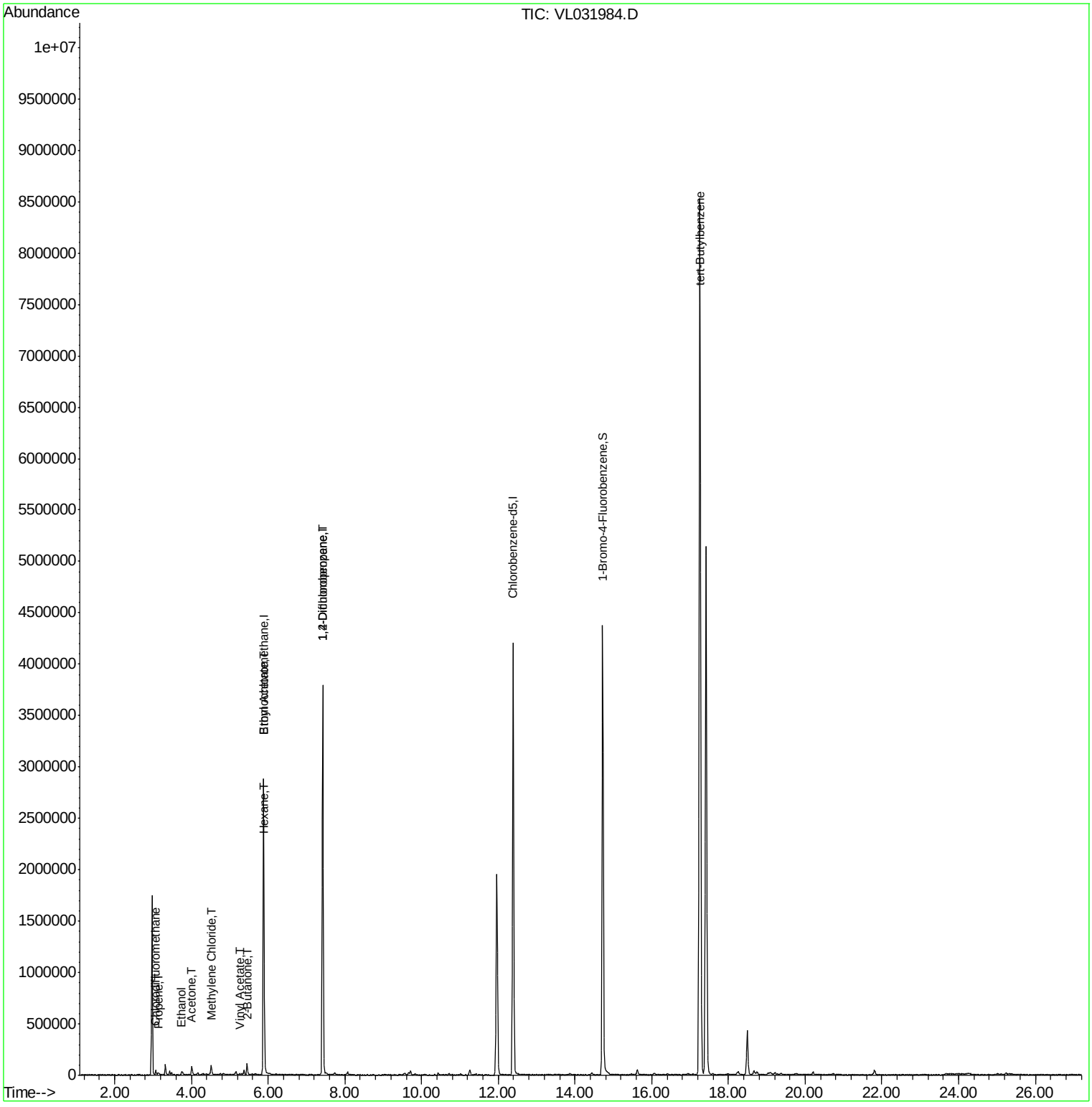
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

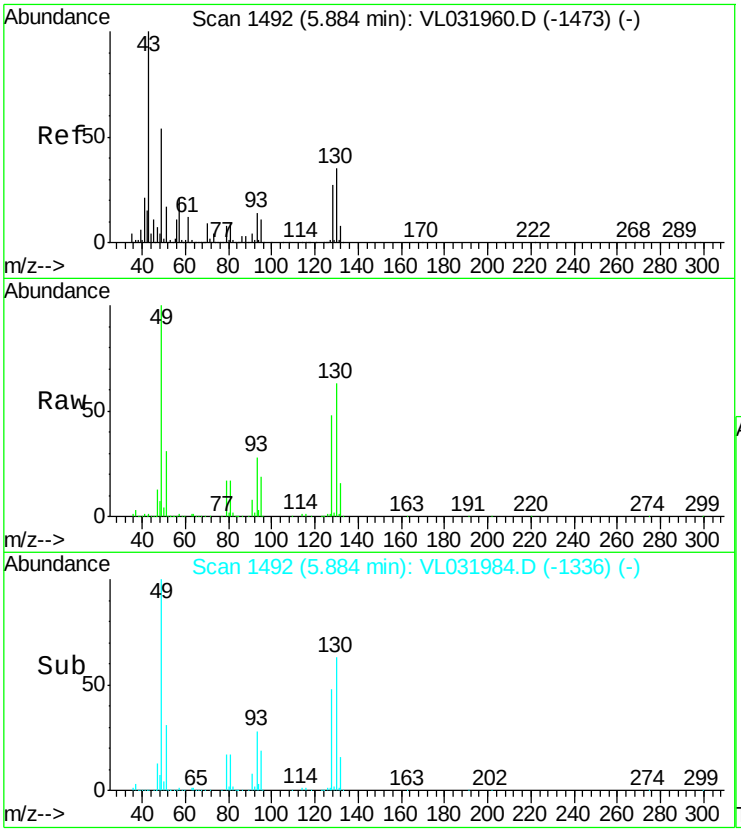
Quantitation Report (Not Reviewed)

Data File : VL031984.D
Acq On : 4 May 2018 5:24
Operator : SY/AP
Sample : J2629-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG3DL

Quant Time: May 04 05:53:24 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



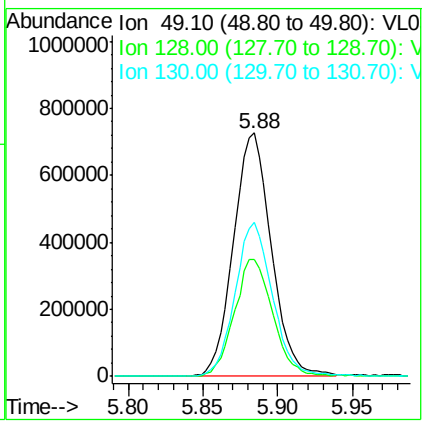


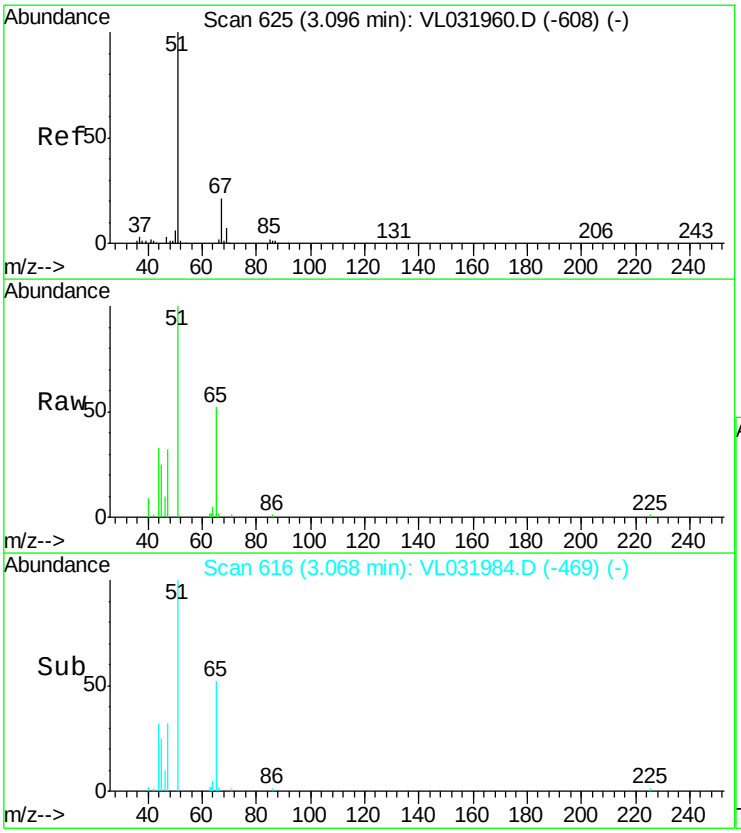
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

Tgt Ion: 49 Resp: 1282183

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.1	72.3
130	63.1	30.7	92.1

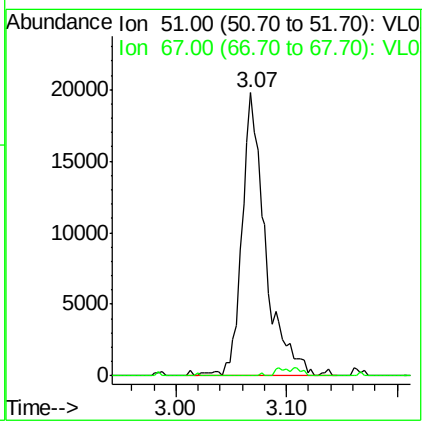


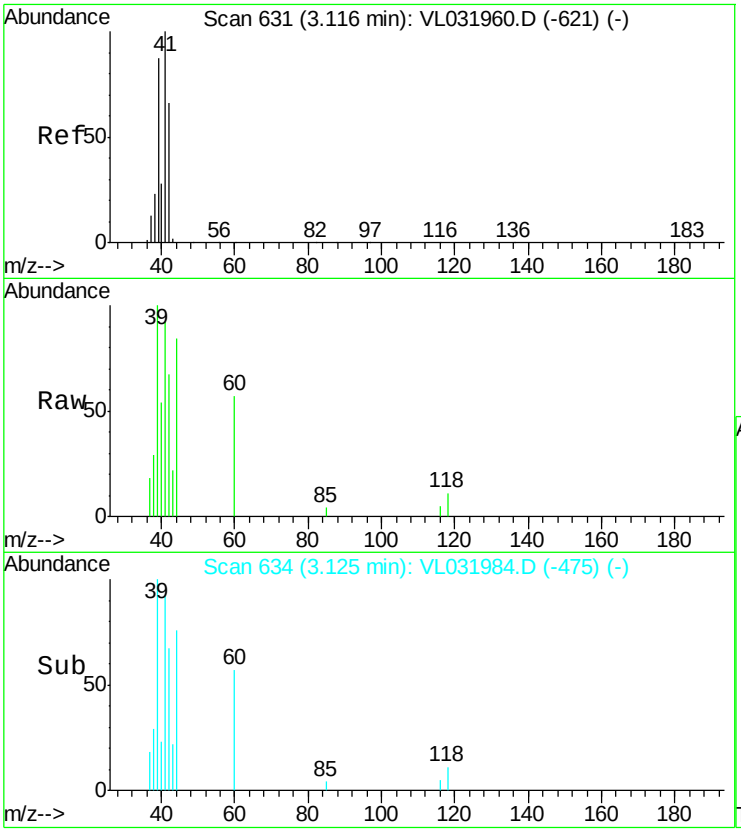


#3
Chlorodifluoromethane
Concen: 0.24 ppbv
RT: 3.07 min Scan# 616
Delta R.T. -0.03 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion: 51 Resp: 29340

Ion	Ratio	Lower	Upper
51	100		
67	2.8	15.9	23.9#



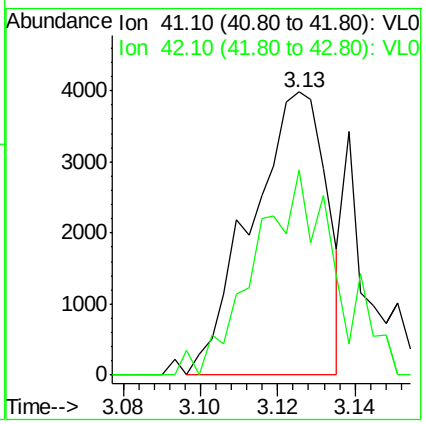


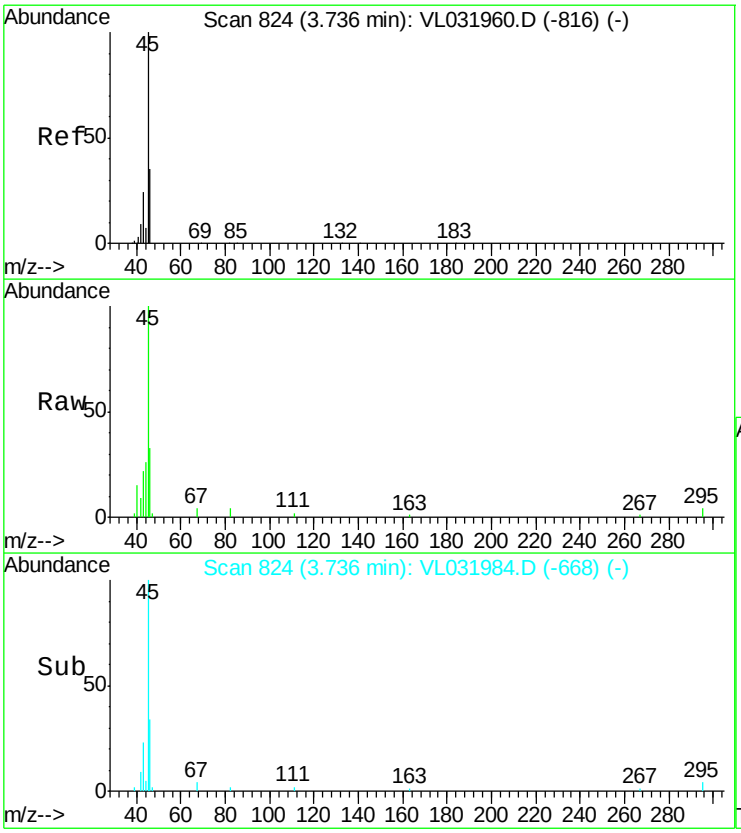
#9
Propene
Concen: 0.12 ppbv
RT: 3.13 min Scan# 634
Delta R.T. 0.01 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

Tgt Ion: 41 Resp: 5388

Ion	Ratio	Lower	Upper
41	100		
42	78.1	53.9	80.9

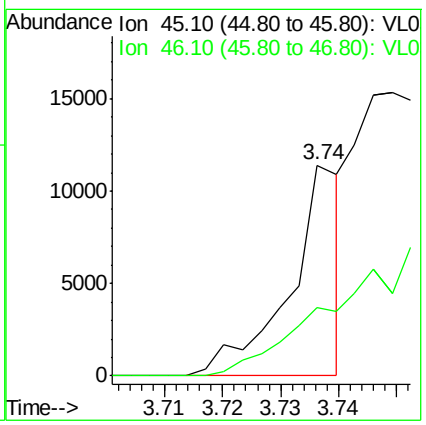


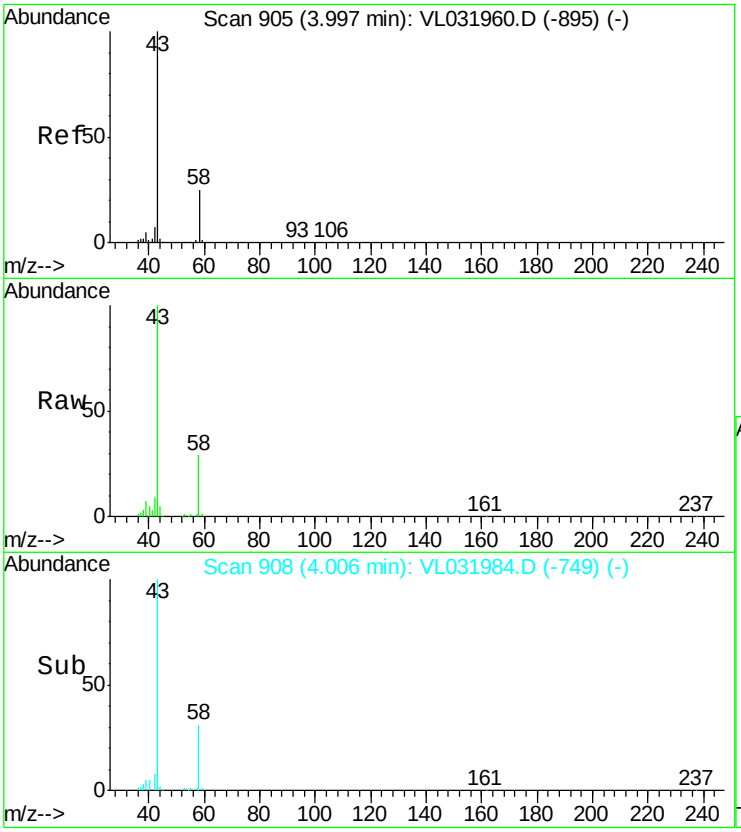


#13
Ethanol
Concen: 0.43 ppbv
RT: 3.74 min Scan# 824
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion: 45 Resp: 7095

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0



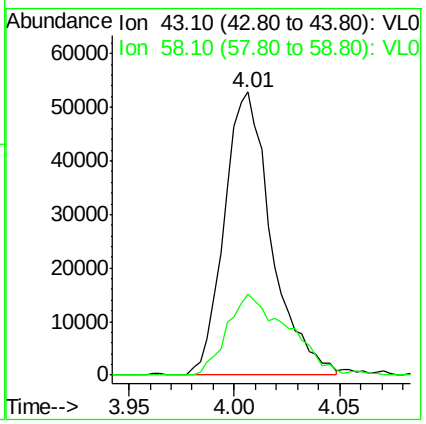


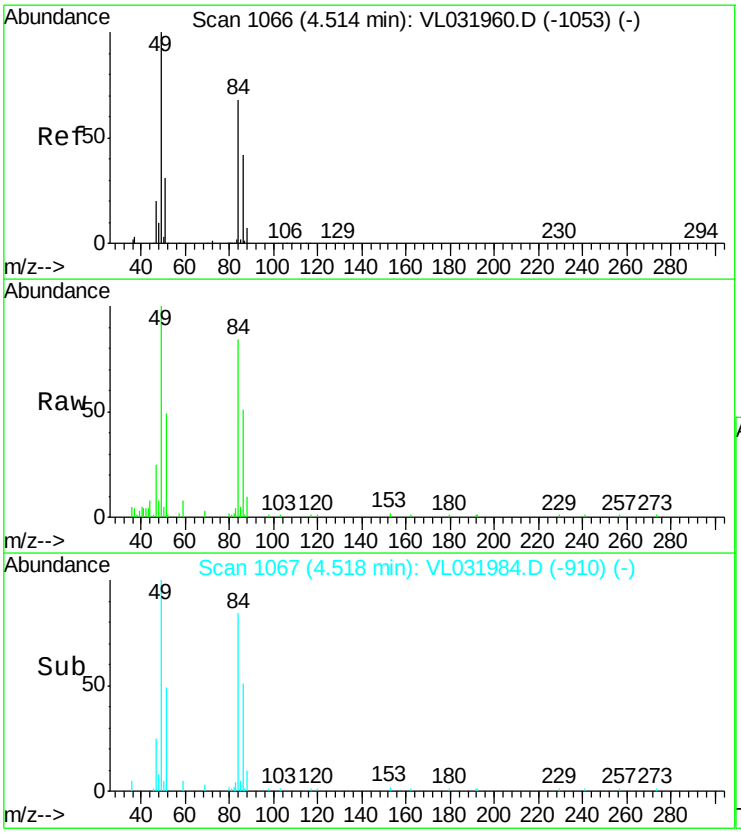
#15
Acetone
Concen: 0.45 ppbv
RT: 4.01 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument : MSVOA_L
ClientSampleId : SG3DL

Tgt Ion: 43 Resp: 82449

Ion	Ratio	Lower	Upper
43	100		
58	37.3	21.1	31.7#

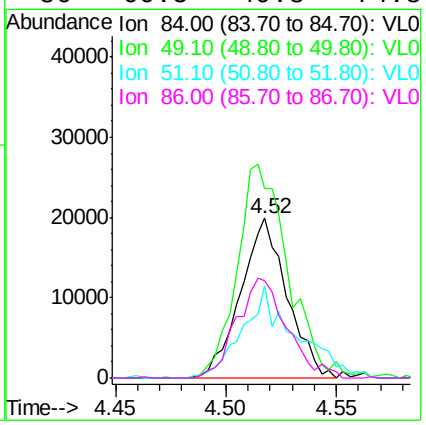


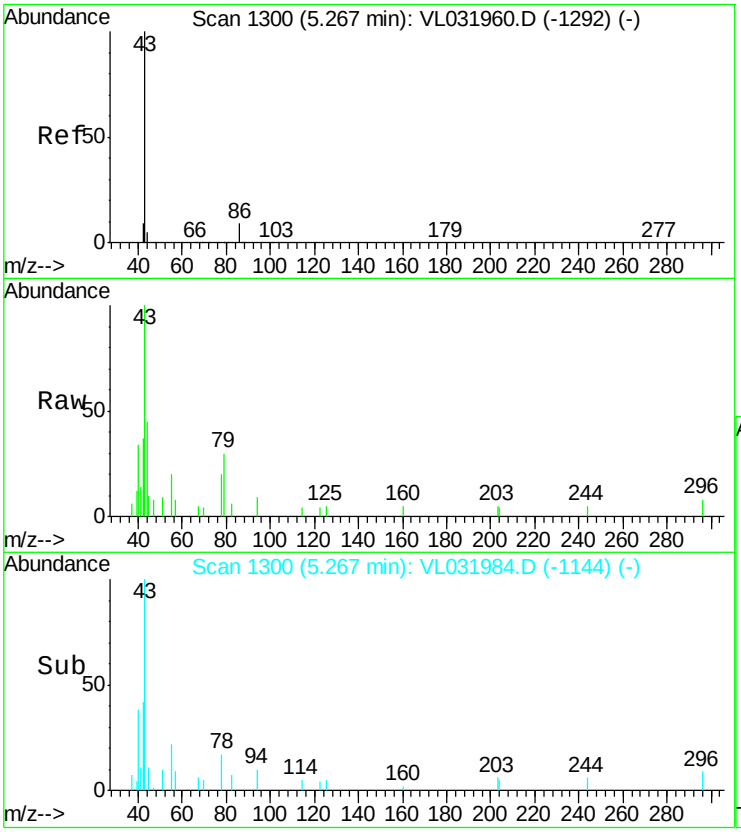


#20
Methylene Chloride
Concen: 0.48 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion: 84 Resp: 29155

Ion	Ratio	Lower	Upper
84	100		
49	118.6	118.6	178.0#
51	57.7	36.6	54.8#
86	60.5	49.8	74.8



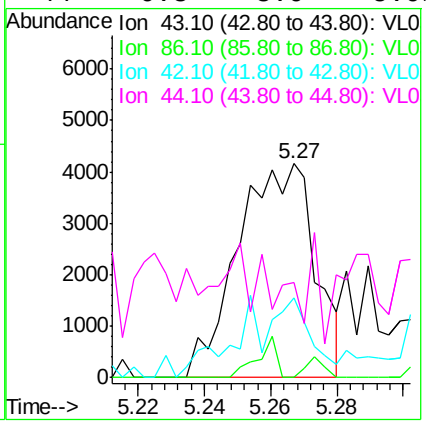


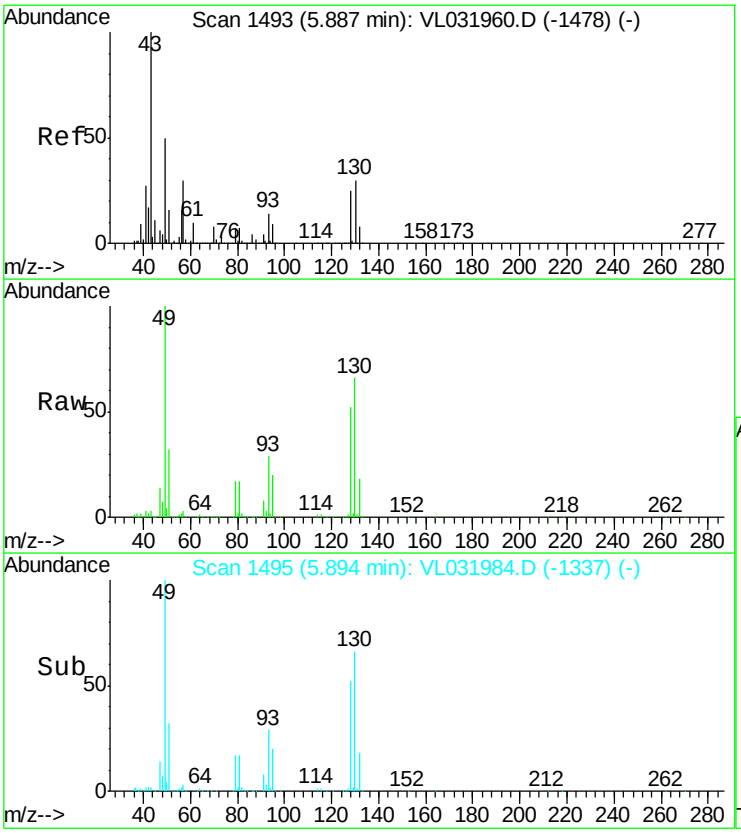
#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 5.27 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

Tgt Ion: 43 Resp: 6740

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.1	9.1#
42	32.4	8.0	12.0#
44	6.3	3.9	5.9#

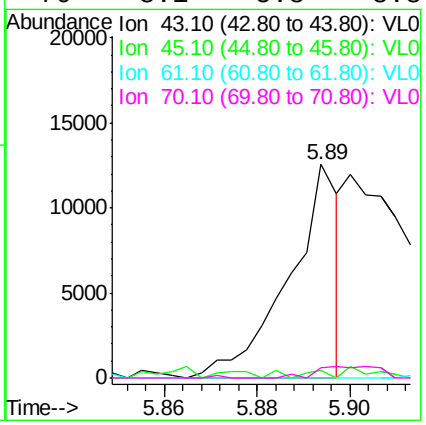


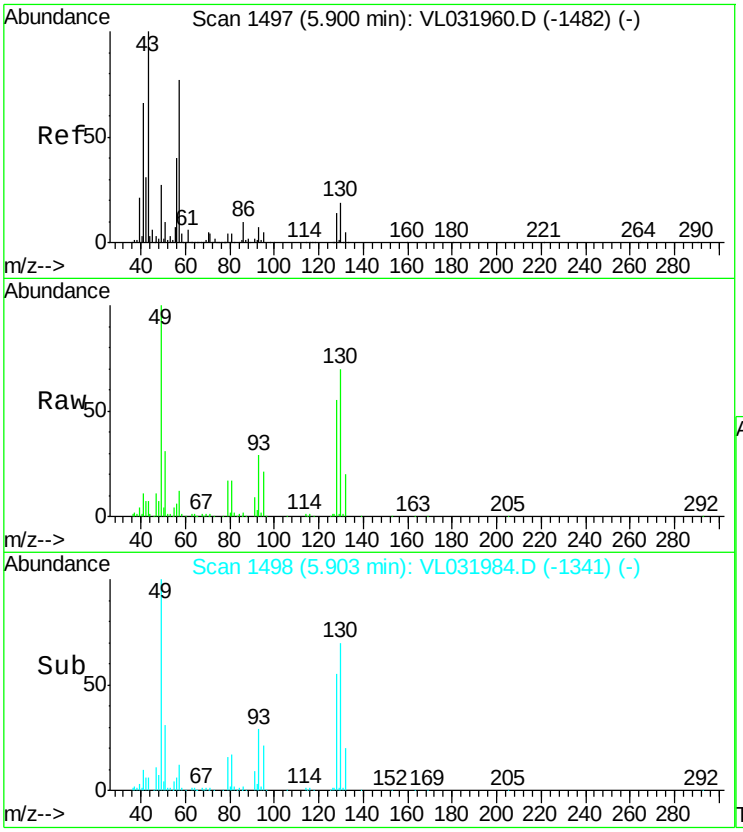


#25
Ethyl Acetate
Concen: 0.03 ppbv
RT: 5.89 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion: 43 Resp: 9395

Ion	Ratio	Lower	Upper
43	100		
45	4.7	7.8	11.6#
61	0.0	7.4	11.2#
70	8.1	5.8	8.8



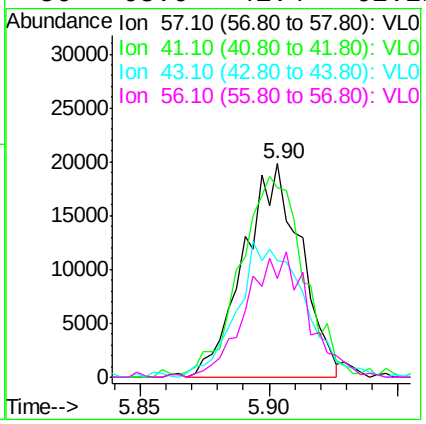


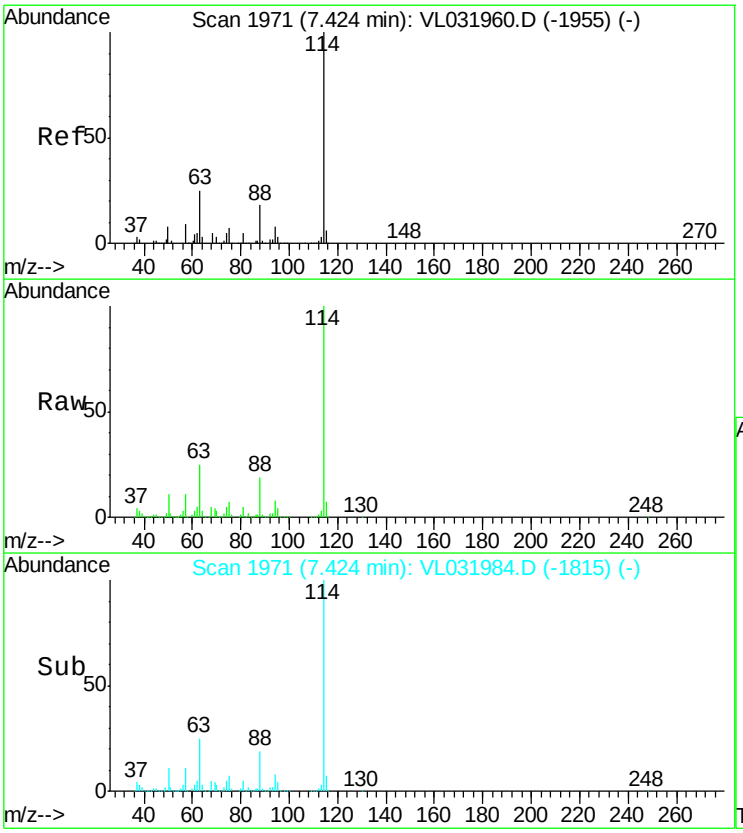
#26
Hexane
Concen: 0.21 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument : MSVOA_L
ClientSampleId : SG3DL

Tgt Ion: 57 Resp: 30682

Ion	Ratio	Lower	Upper
57	100		
41	106.6	71.8	107.6
43	74.4	171.5	257.3#
56	63.6	41.4	62.2#

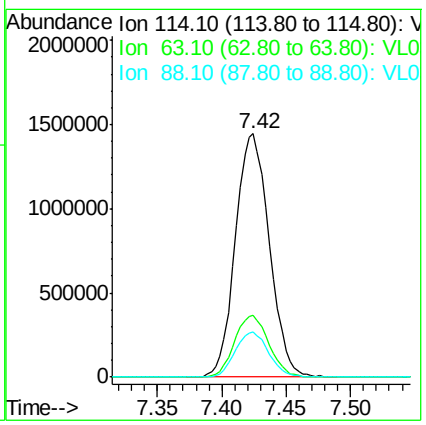


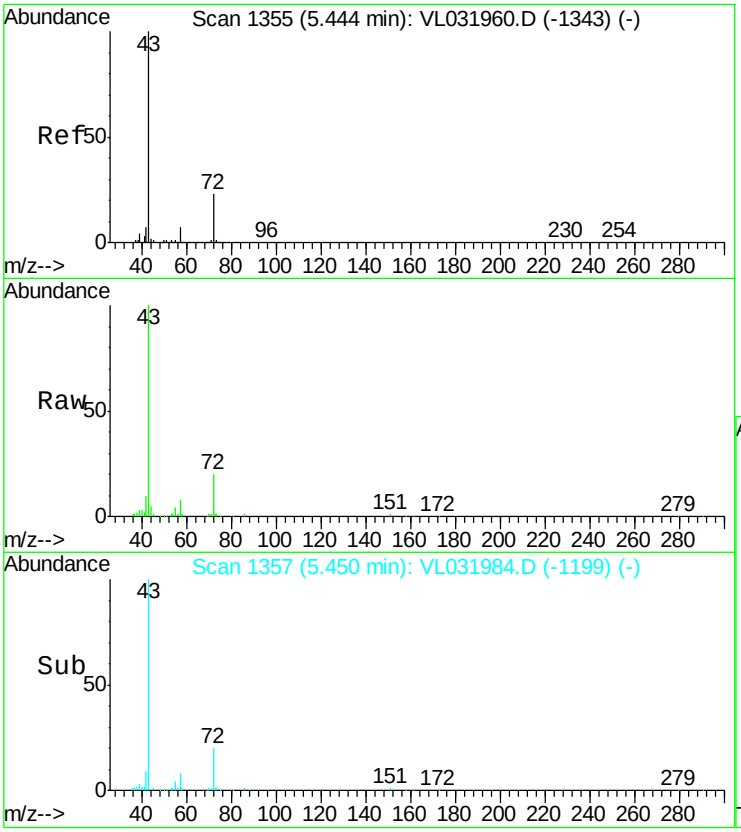


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion:114 Resp: 2644998

Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.8	31.2
88	18.4	14.6	21.8



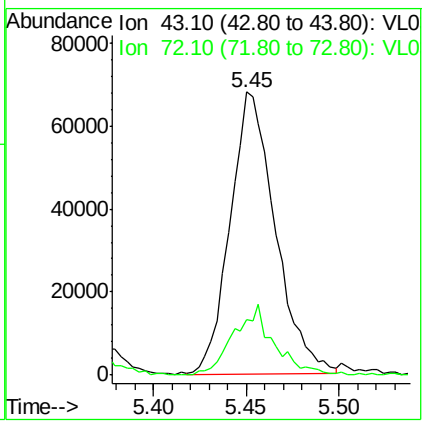


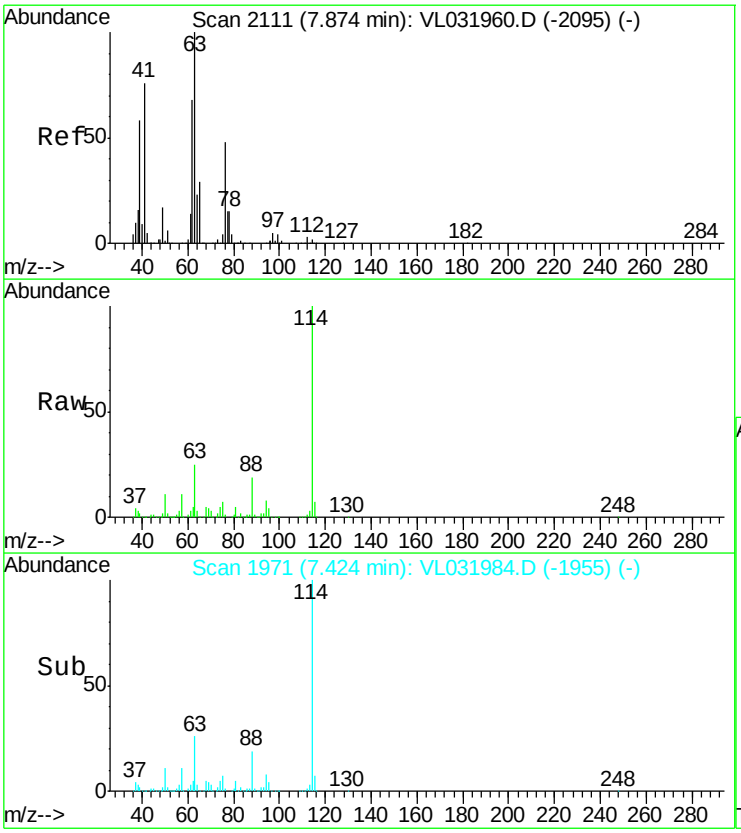
#34
2-Butanone
Concen: 0.53 ppbv
RT: 5.45 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument : MSVOA_L
ClientSampleId : SG3DL

Tgt Ion: 43 Resp: 115039

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.3	27.5

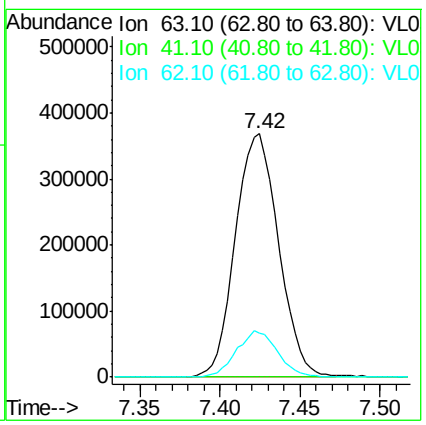


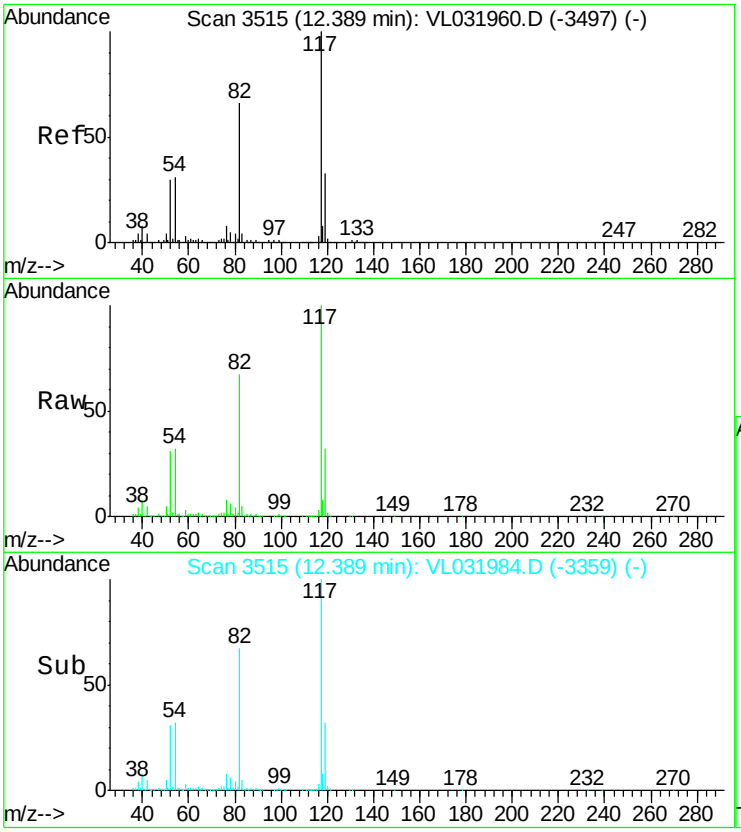


#39
1,2-Dichloropropane
Concen: 7.81 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.45 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion: 63 Resp: 677281

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.7	91.1#
62	17.8	54.7	82.1#



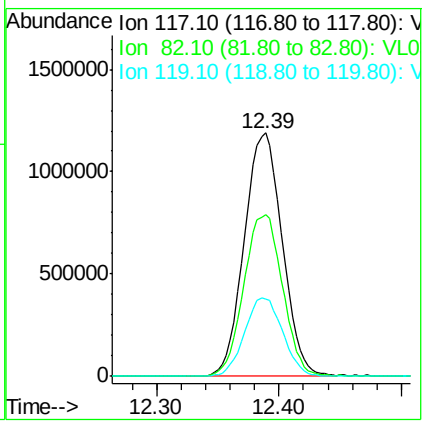


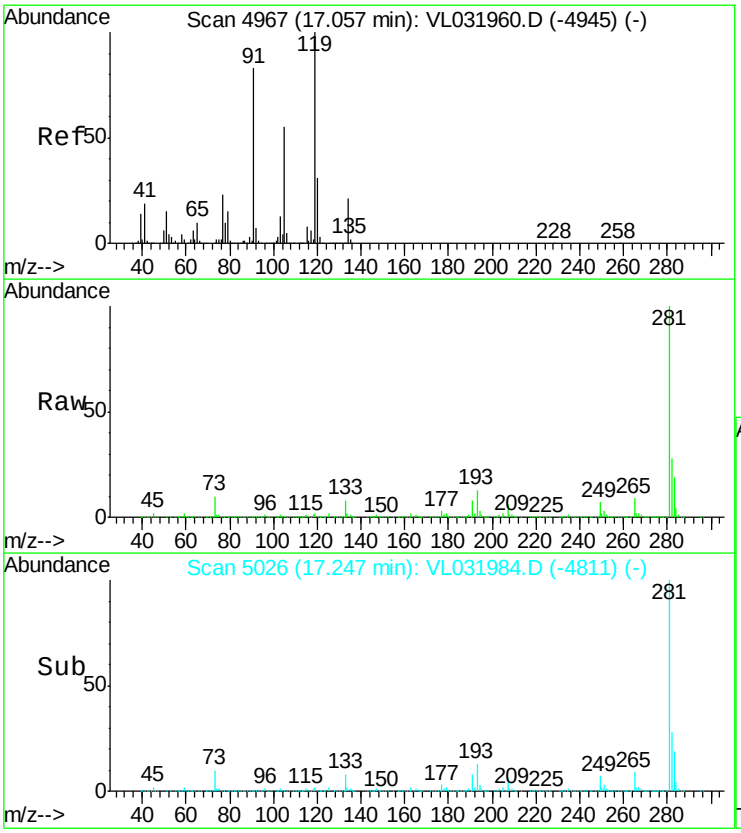
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

Tgt Ion:117 Resp: 2562977

Ion	Ratio	Lower	Upper
117	100		
82	68.0	51.6	77.4
119	32.5	44.2	66.4#

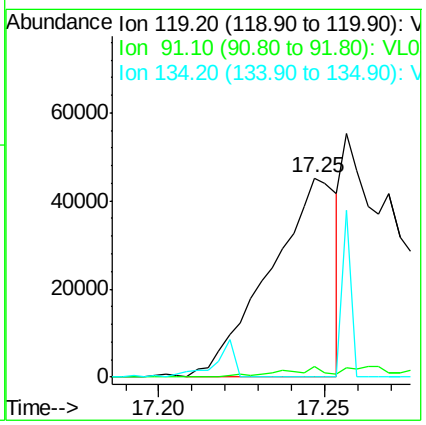


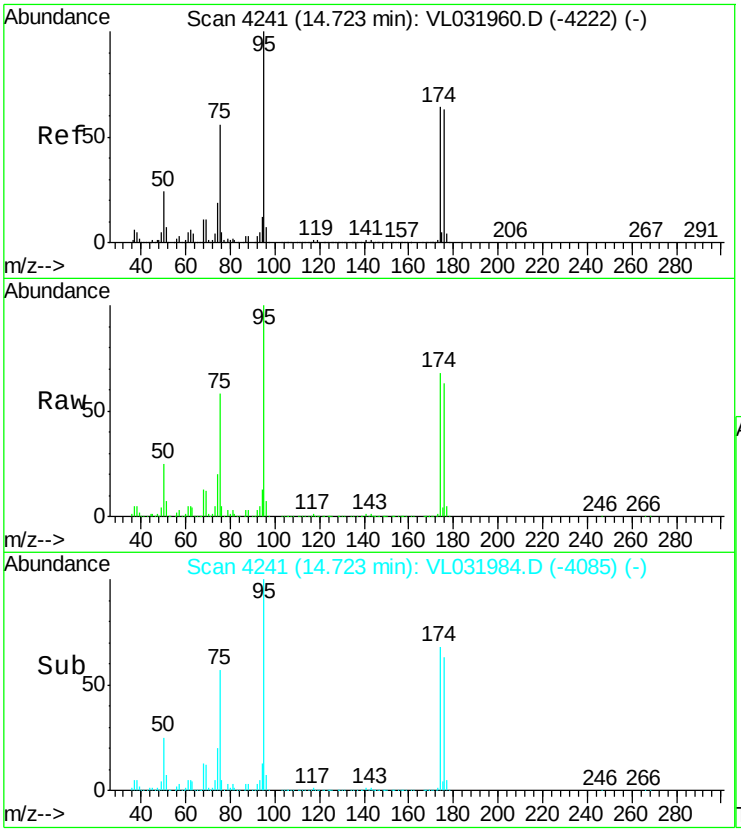


#65
tert-Butylbenzene
Concen: 0.18 ppbv
RT: 17.25 min Scan# 5026
Delta R.T. 0.19 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Tgt Ion:119 Resp: 63193

Ion	Ratio	Lower	Upper
119	100		
91	1.5	68.1	102.1#
134	5.7	15.4	23.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. 0.00 min
Lab File: VL031984.D
Acq: 4 May 2018 5:24

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

Tgt Ion: 95 Resp: 2011564

Ion	Ratio	Lower	Upper
95	100		
174	67.1	53.0	79.6
175	4.7	3.9	5.9