Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026850.D
Acq On : 10 Feb 2016 13:03
Operator : SY/AP
Sample : H1388-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Feb 11 01:18:19 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.68	49	1713116	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	8.36	114	5125650	10.00	ppbv		-0.02
55) Chlorobenzene-d5	13.79	117	4994149	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.33	95	3557634	9.92	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.59	51	647156	2.33	ppbv		97
4) Chloromethane	3.78	50	3609	0.03	ppbv		93
9) Propene	3.63	41	12112	0.16	ppbv	#	83
13) Ethanol	4.35	45	209373	16.21	ppbv		99
15) Acetone	4.62	43	1786551	7.59	ppbv		97
16) 1,3-Butadiene	4.03	39	3532	0.04	ppbv	#	15
19) Isopropyl Alcohol	4.79	45	136625	1.63	ppbv	#	92
20) Methylene Chloride	5.18	84	20840	0.17	ppbv	#	85
23) Vinyl Acetate	6.03	43	11383	0.04	ppbv	#	81
25) Ethyl Acetate	6.72	43	29828	0.08	ppbv		96
26) Hexane	6.69	57	11749	0.06	ppbv	#	61
30) Cyclohexane	8.34	84	12503	0.08	ppbv	#	1
34) 2-Butanone	6.25	43	10419	0.04	ppbv	#	73
51) 2-Hexanone	11.95	43	132250	0.53	ppbv	#	50
53) Toluene	11.27	91	30266	0.07	ppbv		98

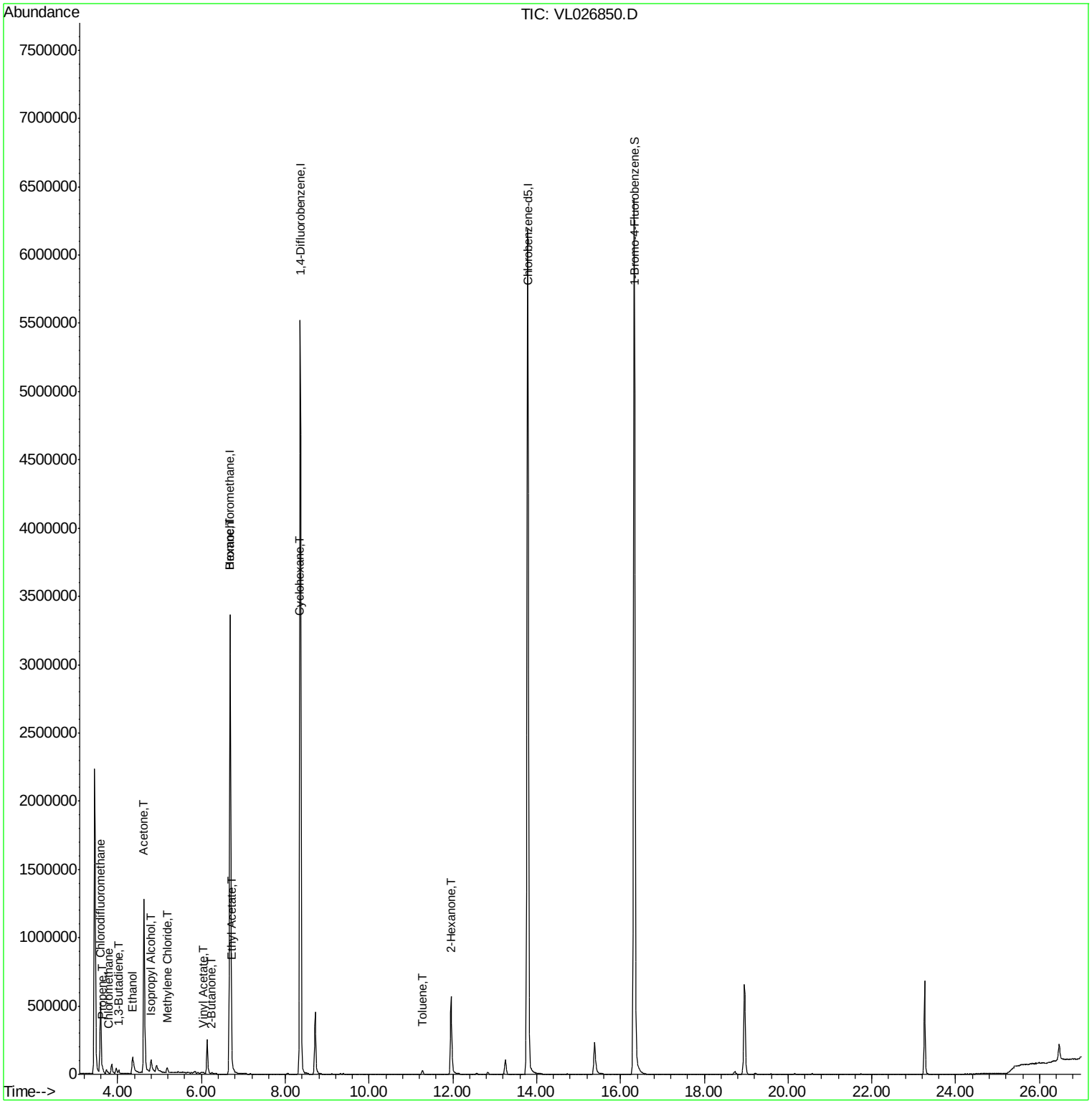
(#) = qualifier out of range (m) = manual integration (+) = signals summed

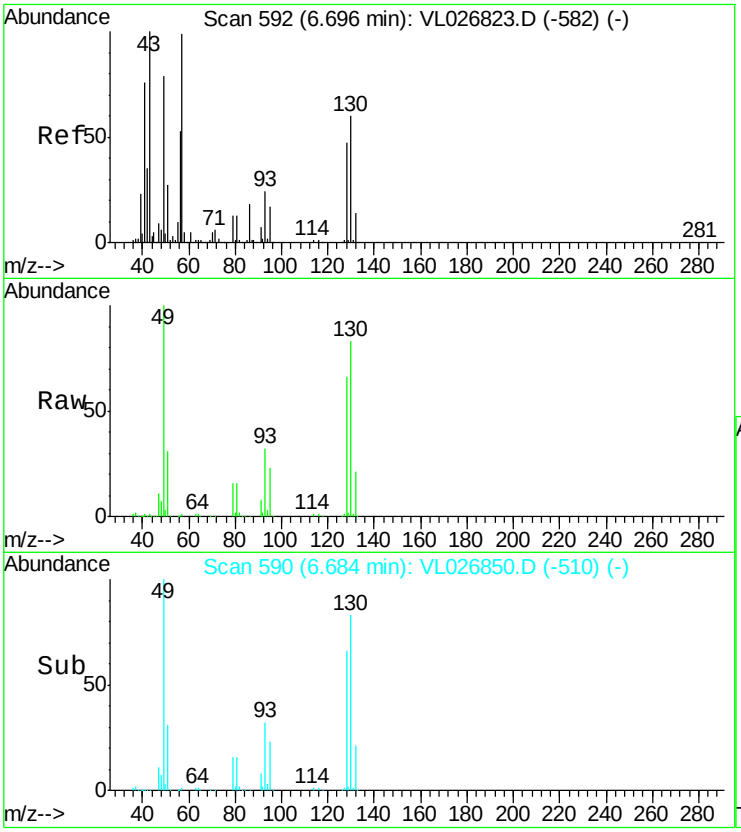
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026850.D
Acq On : 10 Feb 2016 13:03
Operator : SY/AP
Sample : H1388-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 11 01:18:19 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration



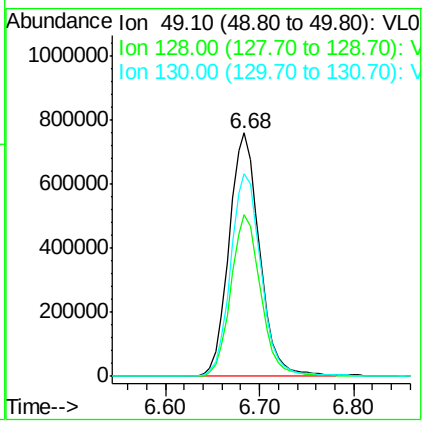


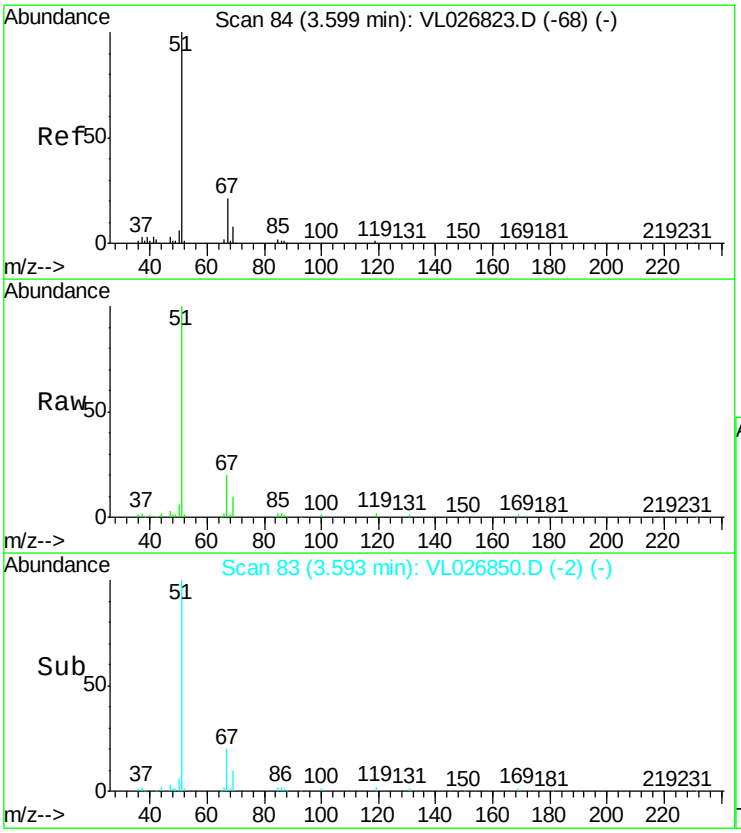
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.68 min Scan# 590
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1713116

Ion	Ratio	Lower	Upper
49	100		
128	65.7	29.7	89.1
130	84.1	38.3	114.8

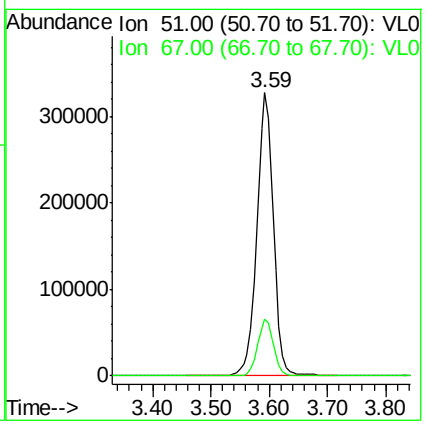


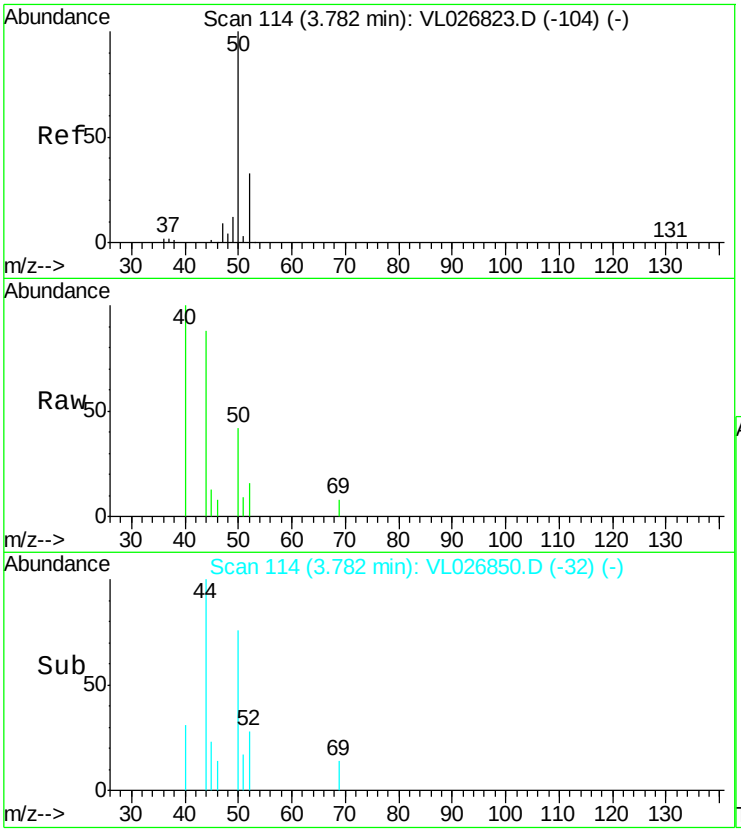


#3
Chlorodifluoromethane
Concen: 2.33 ppbv
RT: 3.59 min Scan# 83
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 51 Resp: 647156

Ion	Ratio	Lower	Upper
51	100		
67	19.1	16.4	24.6



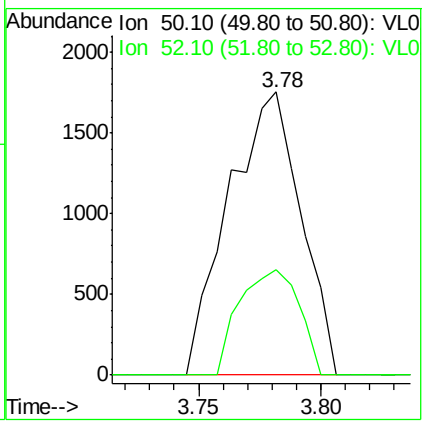


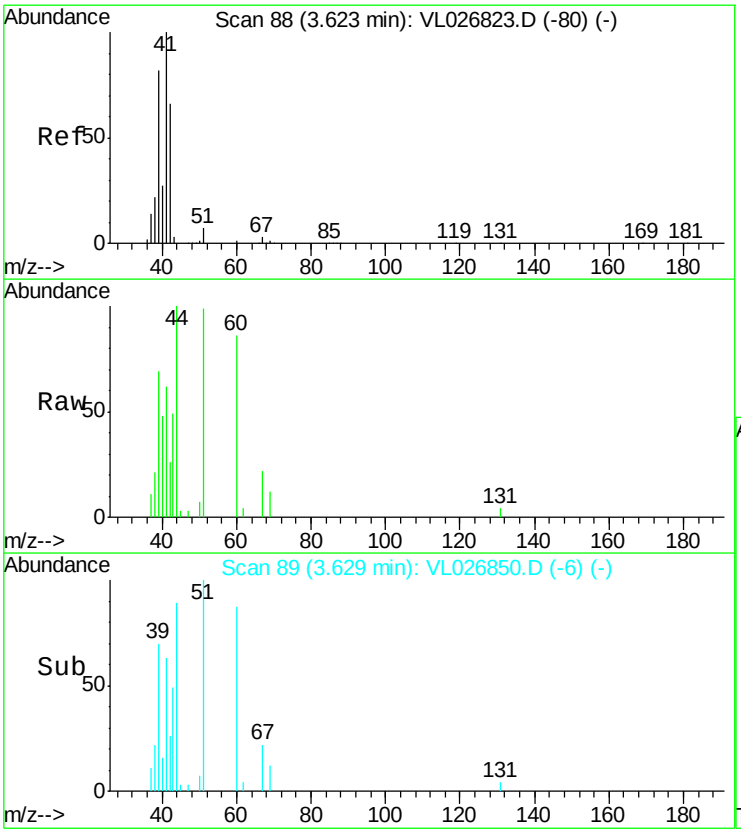
#4
Chloromethane
Concen: 0.03 ppbv
RT: 3.78 min Scan# 114
Delta R.T. -0.00 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 3609

Ion	Ratio	Lower	Upper
50	100		
52	37.1	26.3	39.5

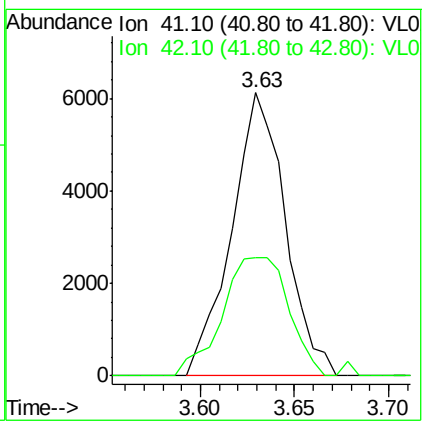


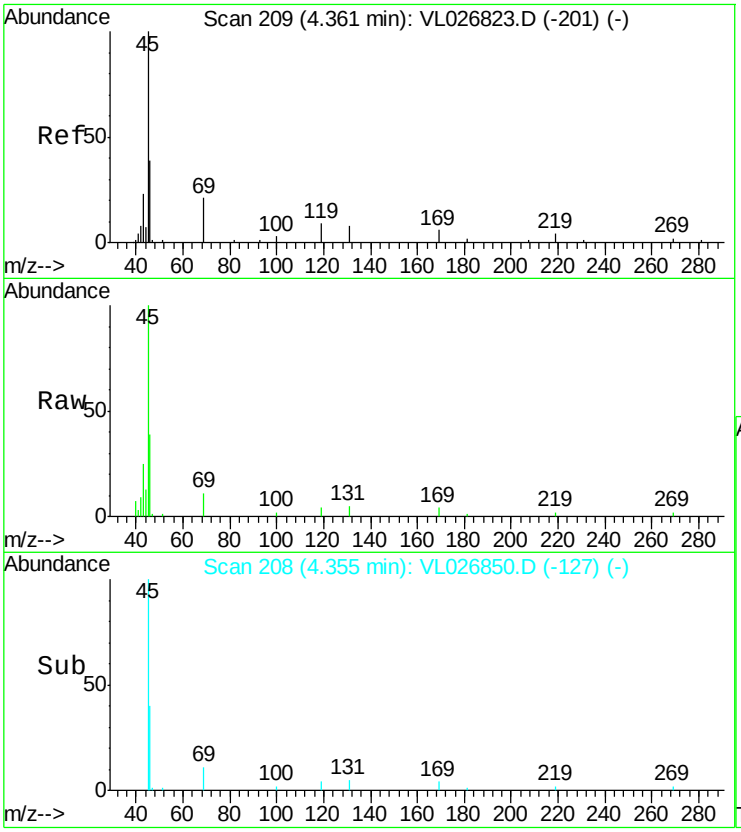


#9
Propene
Concen: 0.16 ppbv
RT: 3.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 41 Resp: 12112

Ion	Ratio	Lower	Upper
41	100		
42	52.5	52.8	79.2#

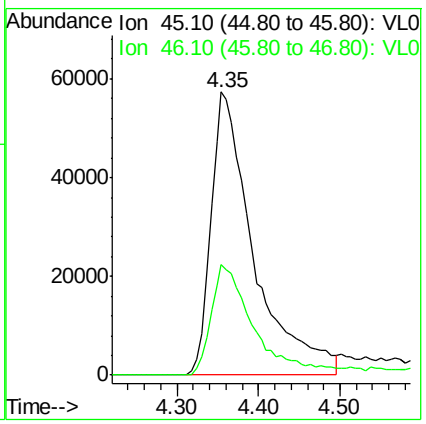




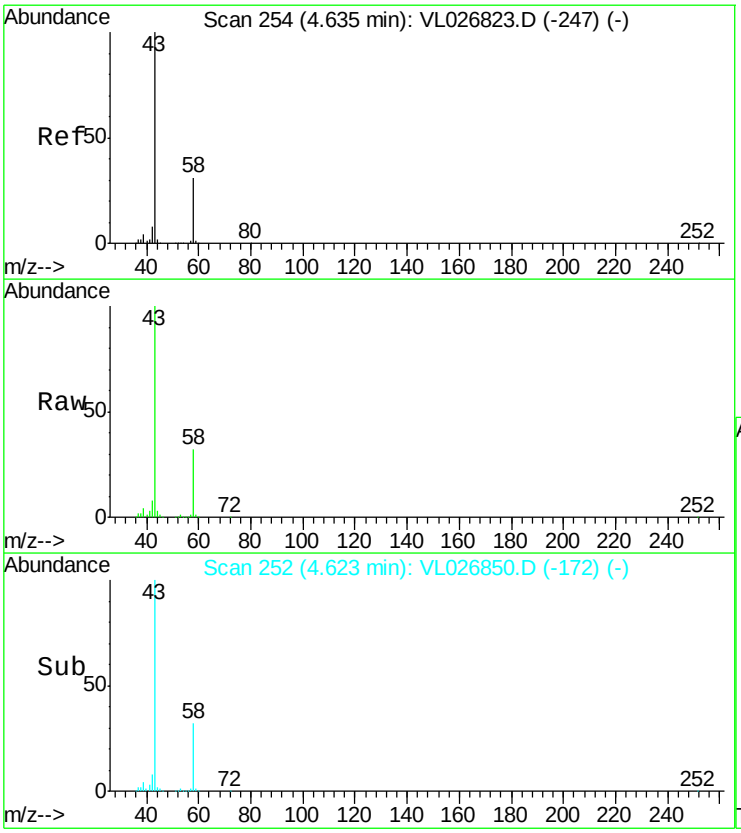
#13
Ethanol
Concen: 16.21 ppbv
RT: 4.35 min Scan# 208
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 45 Resp: 209373

Ion	Ratio	Lower	Upper
45	100		
46	40.4	15.8	63.4



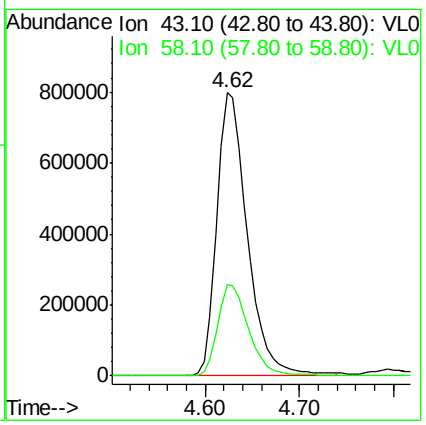
Instrument :
MSVOA_L
ClientSampleId :

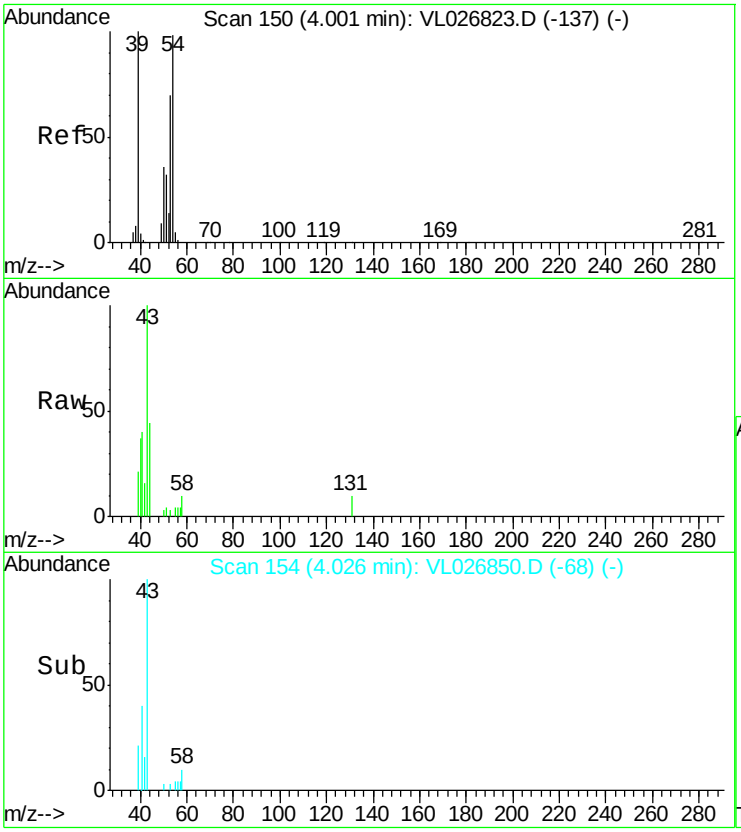


#15
Acetone
Concen: 7.59 ppbv
RT: 4.62 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 43 Resp: 1786551

Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.2	37.8



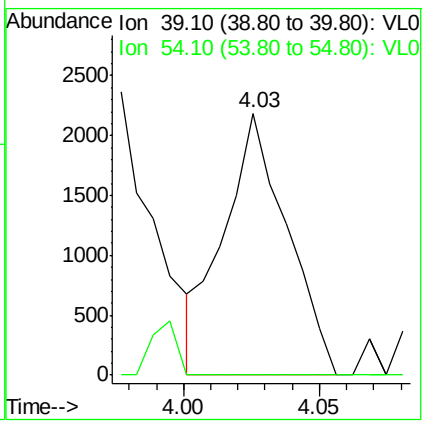


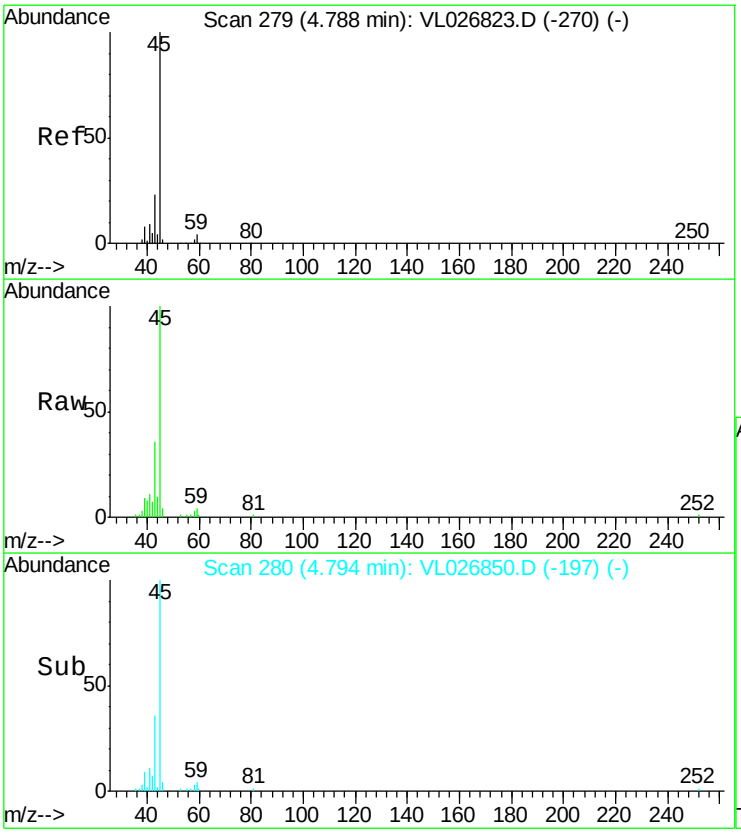
#16
1,3-Butadiene
Concen: 0.04 ppbv
RT: 4.03 min Scan# 154
Delta R.T. 0.02 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 3532

Ion	Ratio	Lower	Upper
39	100		
54	11.7	74.7	112.1#

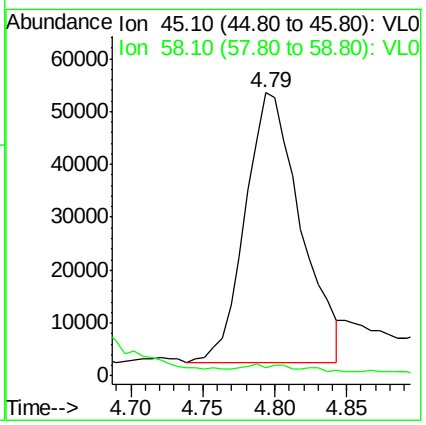


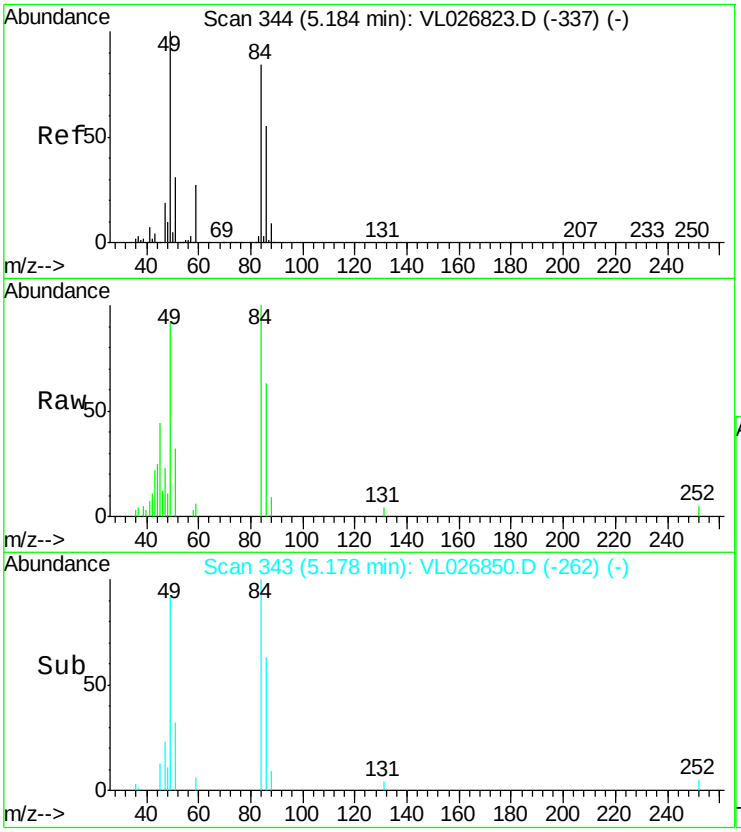


#19
Isopropyl Alcohol
Concen: 1.63 ppbv
RT: 4.79 min Scan# 280
Delta R.T. 0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 45 Resp: 136625

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#



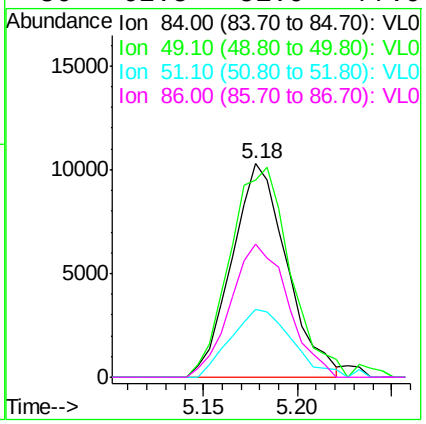


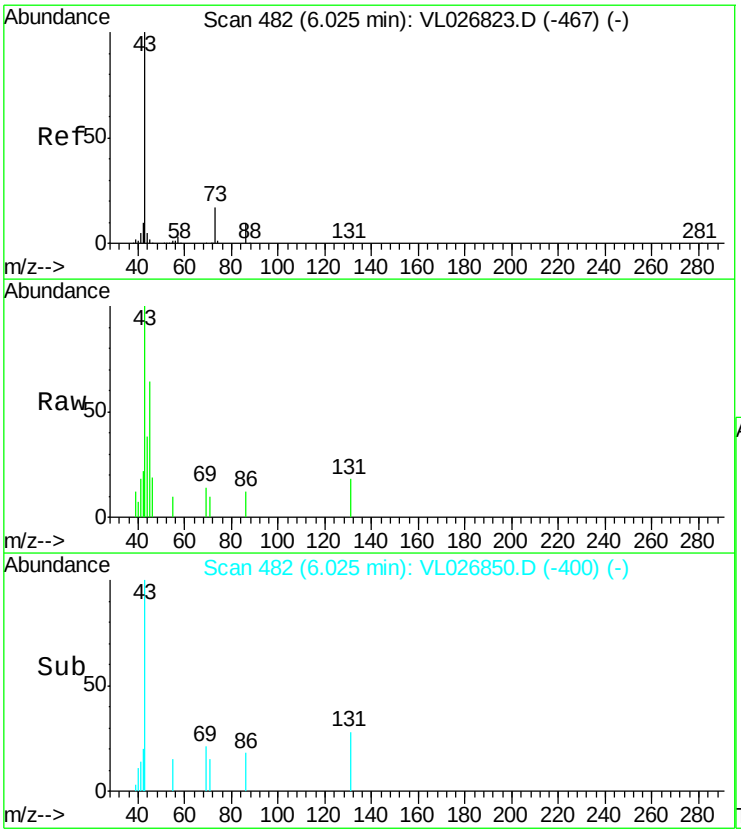
#20
Methylene Chloride
Concen: 0.17 ppbv
RT: 5.18 min Scan# 343
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 20840

Ion	Ratio	Lower	Upper
84	100		
49	92.2	94.9	142.3#
51	32.0	29.5	44.3
86	62.5	51.9	77.9

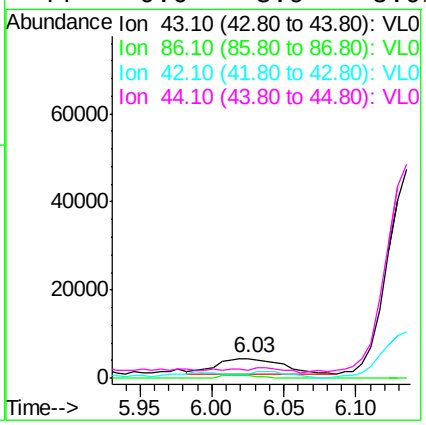


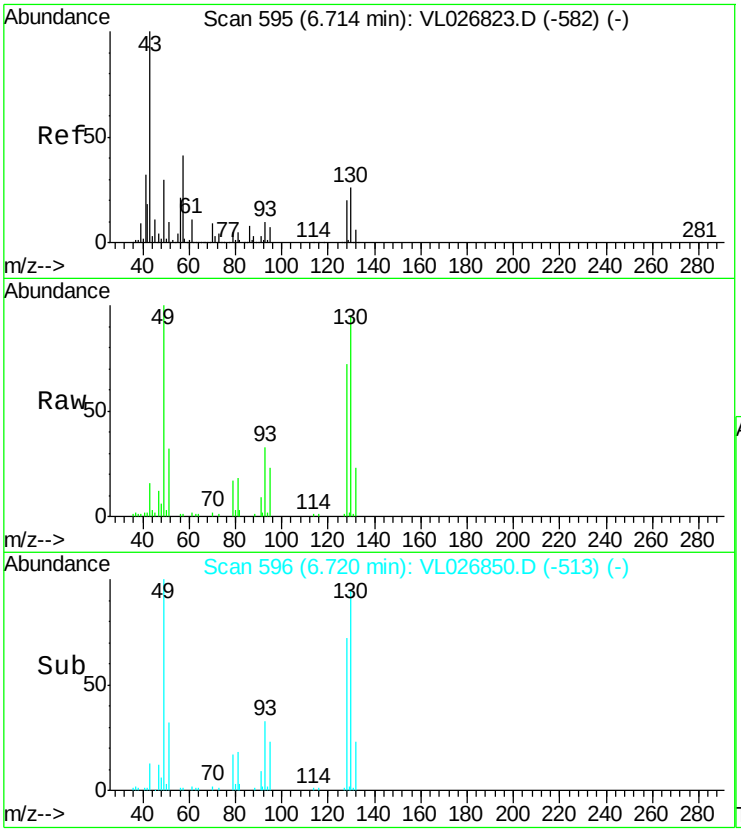


#23
Vinyl Acetate
Concen: 0.04 ppbv
RT: 6.03 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 43 Resp: 11383

Ion	Ratio	Lower	Upper
43	100		
86	15.2	7.7	11.5#
42	18.9	7.8	11.8#
44	0.0	3.9	5.9#



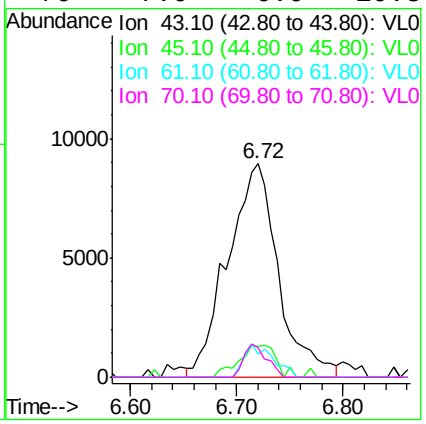


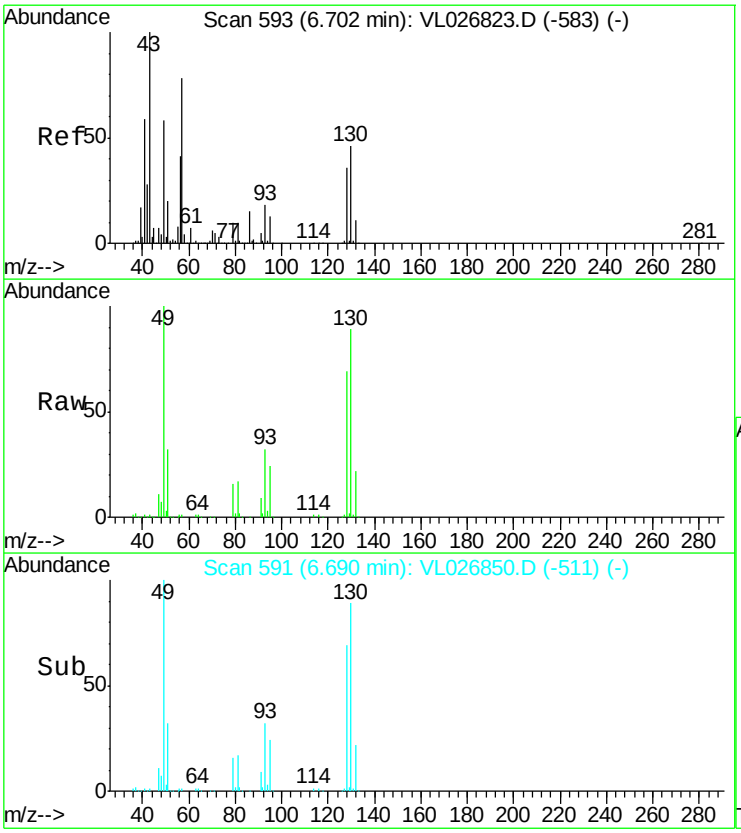
#25
Ethyl Acetate
Concen: 0.08 ppbv
RT: 6.72 min Scan# 596
Delta R.T. 0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 29828

Ion	Ratio	Lower	Upper
43	100		
45	11.5	7.8	11.8
61	8.7	7.9	11.9
70	7.0	6.9	10.3

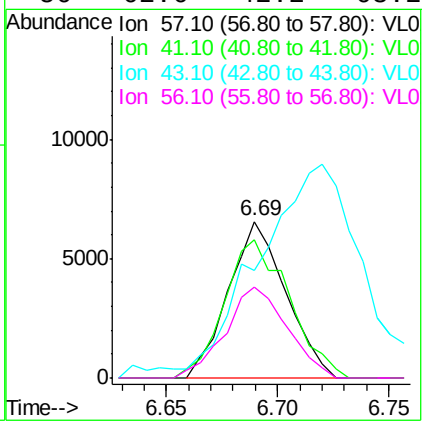


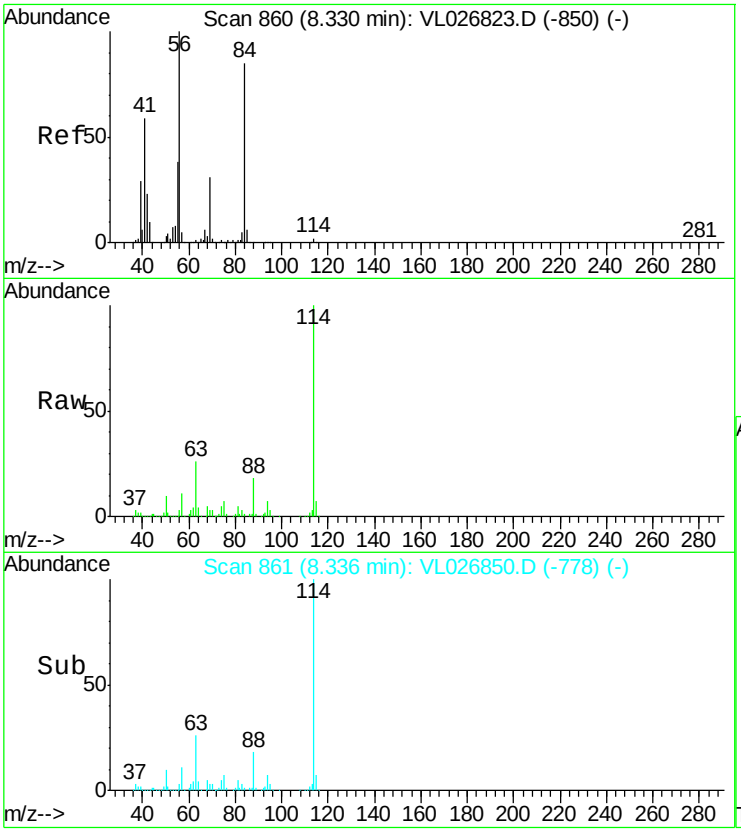


#26
Hexane
Concen: 0.06 ppbv
RT: 6.69 min Scan# 591
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 57 Resp: 11749

Ion	Ratio	Lower	Upper
57	100		
41	100.0	63.3	94.9#
43	265.9	151.4	227.2#
56	62.6	42.2	63.2



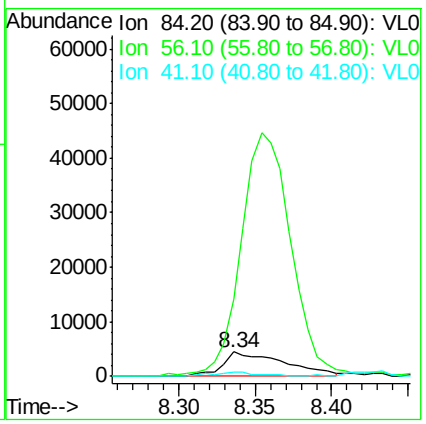


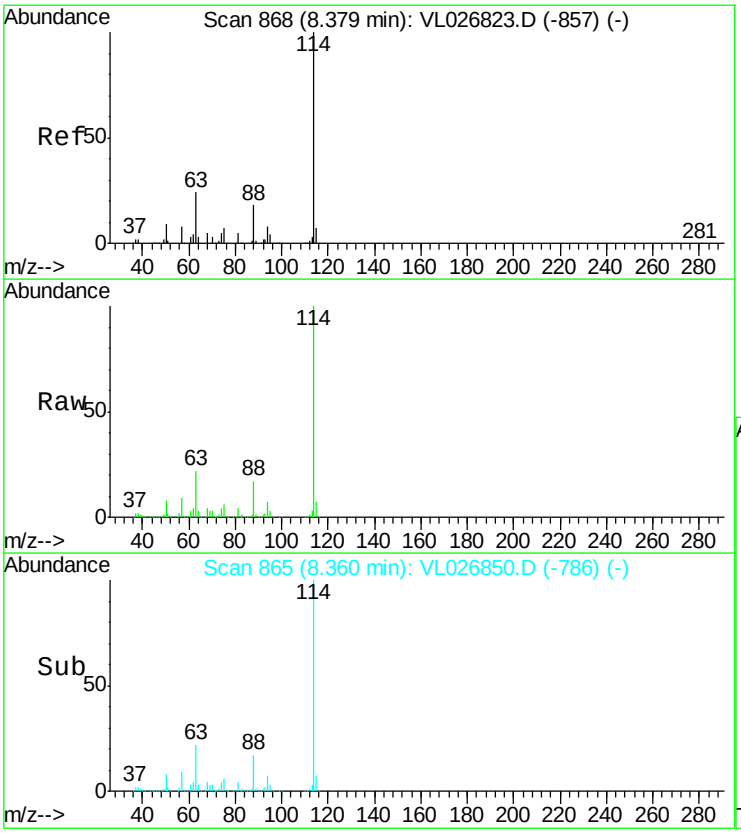
#30
Cyclohexane
Concen: 0.08 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 12503

Ion	Ratio	Lower	Upper
84	100		
56	823.0	99.4	149.2#
41	0.0	56.7	85.1#

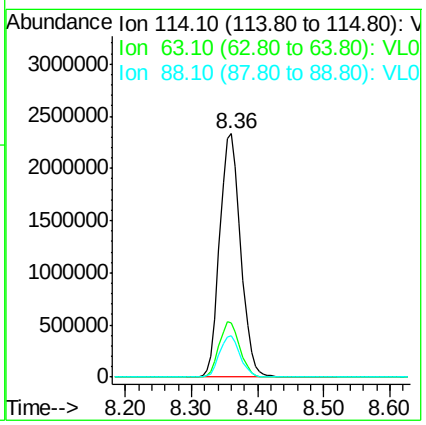


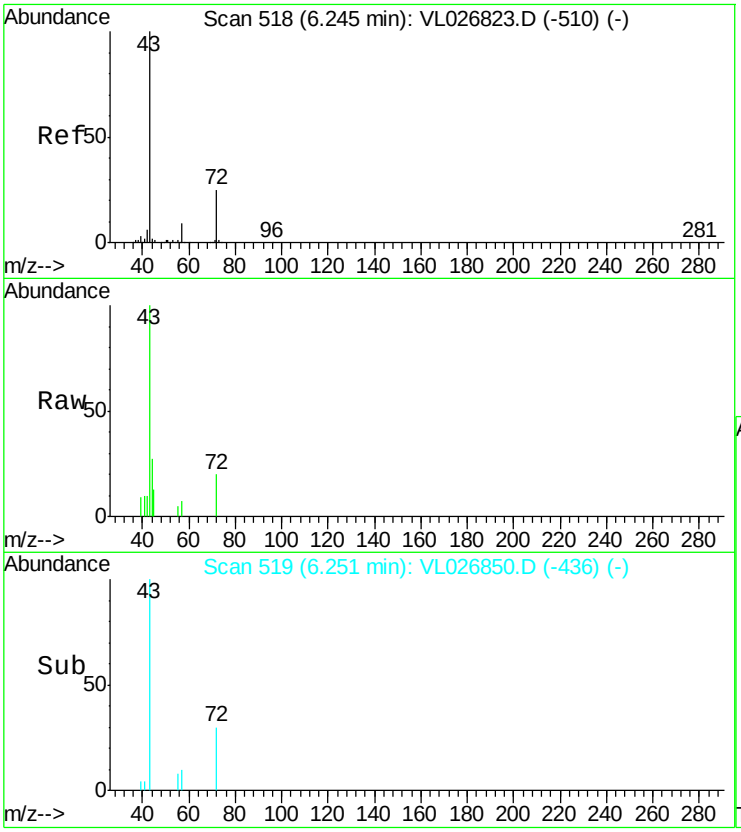


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.36 min Scan# 865
Delta R.T. -0.02 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion:114 Resp: 5125650

Ion	Ratio	Lower	Upper
114	100		
63	22.3	19.7	29.5
88	16.6	13.8	20.6



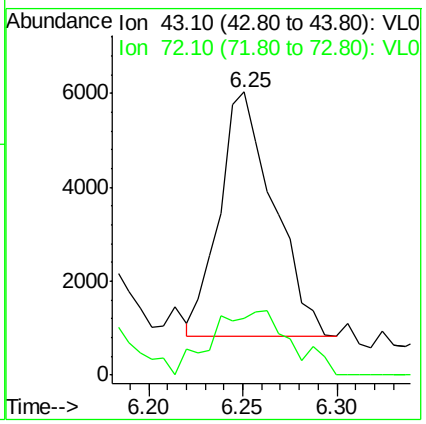


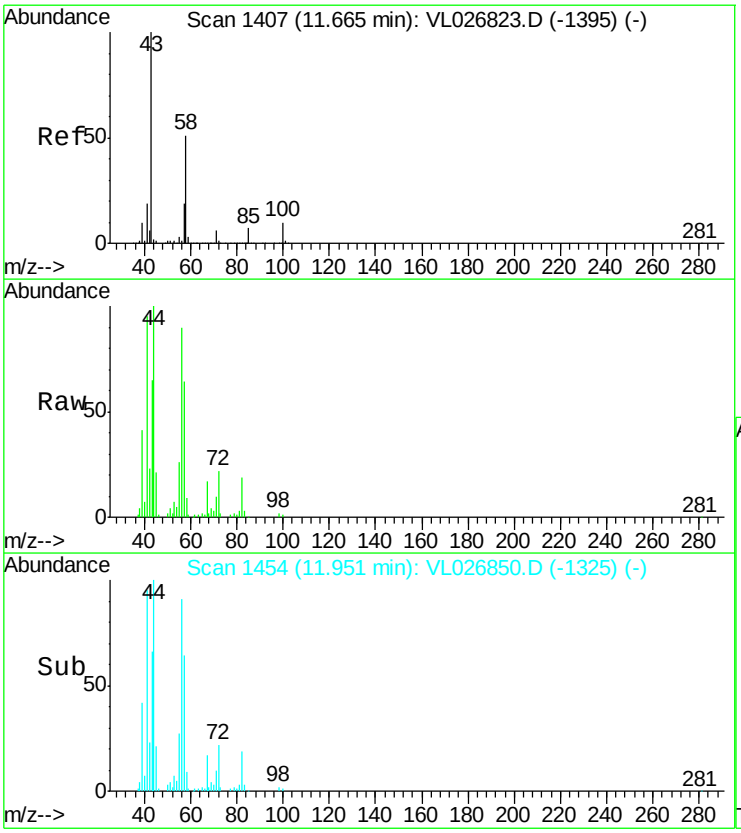
#34
2-Butanone
Concen: 0.04 ppbv
RT: 6.25 min Scan# 519
Delta R.T. 0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 10419

Ion	Ratio	Lower	Upper
43	100		
72	38.2	19.8	29.8#

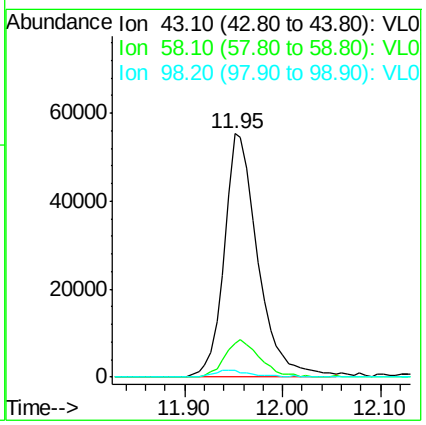


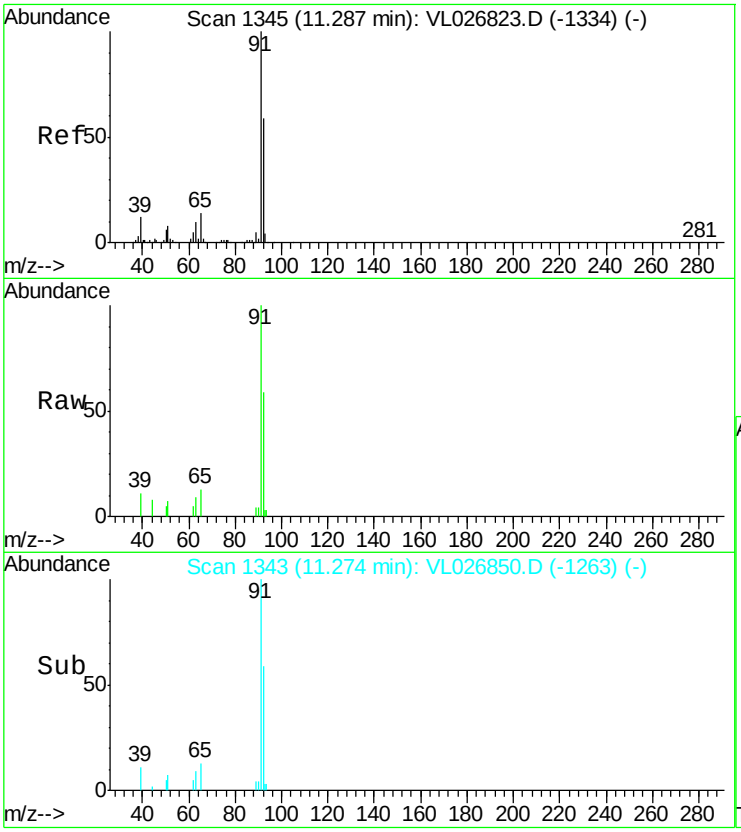


#51
2-Hexanone
Concen: 0.53 ppbv
RT: 11.95 min Scan# 1454
Delta R.T. 0.29 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion: 43 Resp: 132250

Ion	Ratio	Lower	Upper
43	100		
58	15.8	40.4	60.6#
98	3.0	0.2	0.4#



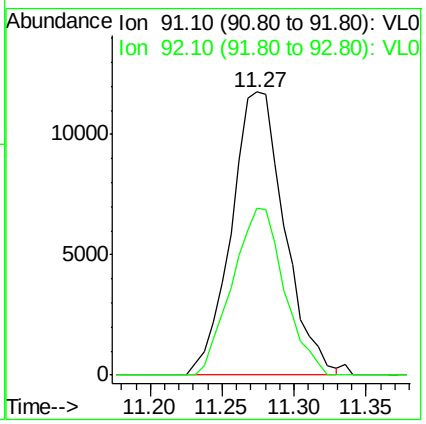


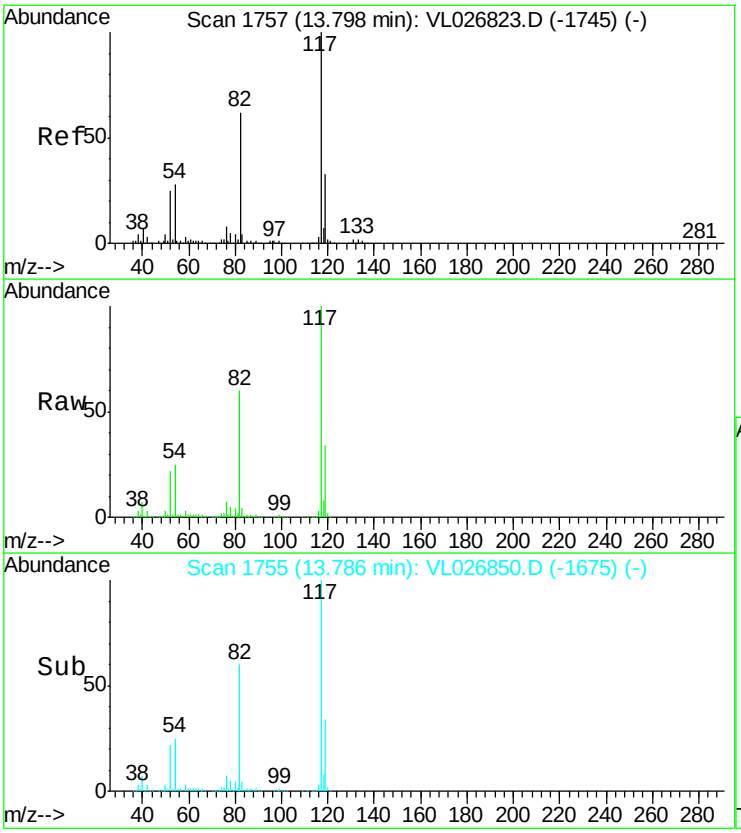
#53
Toluene
Concen: 0.07 ppbv
RT: 11.27 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 30266

Ion	Ratio	Lower	Upper
91	100		
92	57.3	47.3	70.9

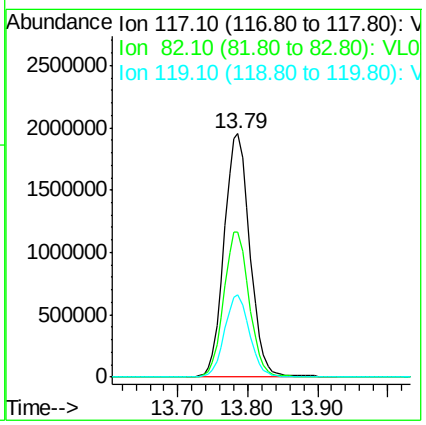


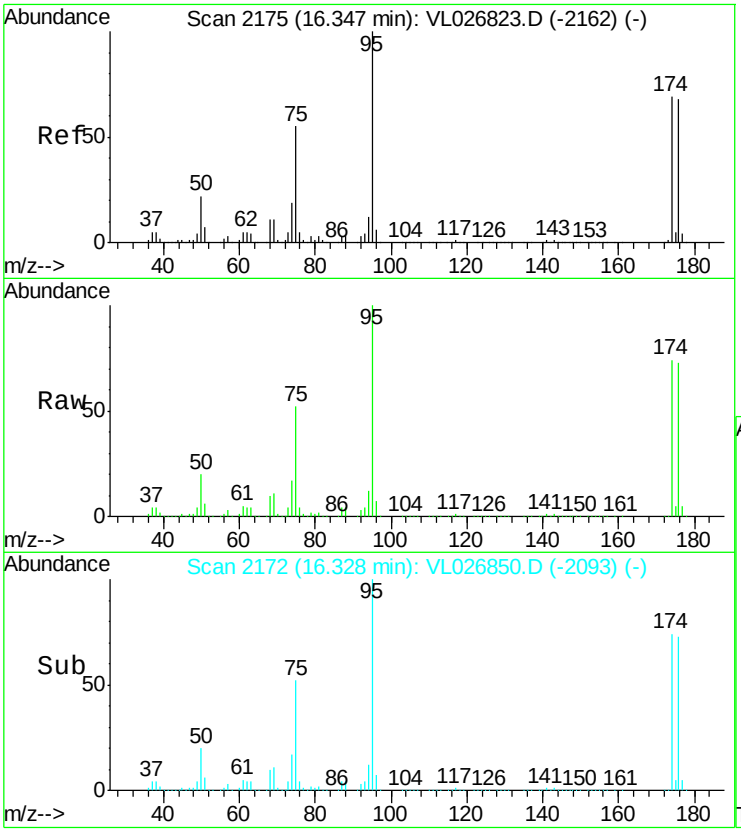


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Tgt Ion:117 Resp: 4994149

Ion	Ratio	Lower	Upper
117	100		
82	59.6	51.9	77.9
119	33.1	48.5	72.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 16.33 min Scan# 2172
Delta R.T. -0.02 min
Lab File: VL026850.D
Acq: 10 Feb 2016 13:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 3557634

Ion	Ratio	Lower	Upper
95	100		
174	75.1	55.6	83.4
175	5.3	3.9	5.9