Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026213.D
Acq On : 20 Oct 2015 15:21
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Oct 20 16:19:33 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 15:24:40 2015
QLast Update : Tue Oct 20 15:24:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.63	49	568907	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.31	114	1656488	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.72	117	1945475	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.26	95	1585608	10.57	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.70%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.56	51	5690	0.08	ppbv	#	87
9) Propene	3.60	41	1351	0.04	ppbv		91
15) Acetone	4.63	43	28397	0.34	ppbv	#	34
16) 1,3-Butadiene	3.93	39	2444	0.07	ppbv	#	7
20) Methylene Chloride	5.14	84	2791	0.08	ppbv	#	89
23) Vinyl Acetate	5.99	43	5231	0.03	ppbv	#	73
65) tert-Butylbenzene	18.89	119	92663	0.28	ppbv	#	25
78) Hexachloro-1,3-Butadiene	24.66	225	3417	0.04	ppbv		98
79) Naphthalene	23.92	128	7780	0.03	ppbv	#	80
80) Naphthalene,2-methyl-	26.06	142	2497	0.05	ppbv	#	69
81) 1,2,4-Trichlorobenzene	23.72	180	3695	0.03	ppbv	#	81

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Oct 2015 15:21
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Misc : 400mL/MSVOA_L
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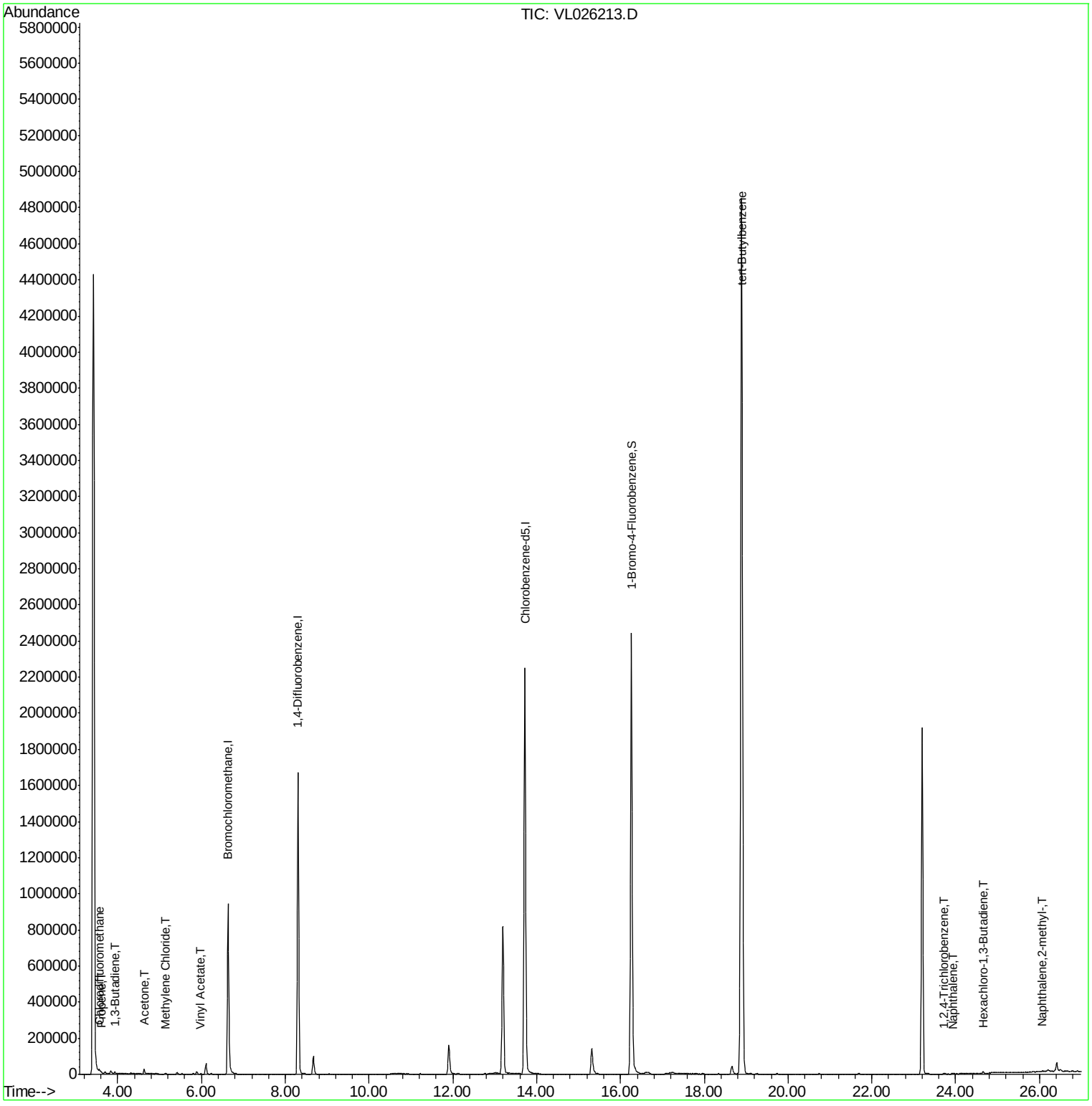
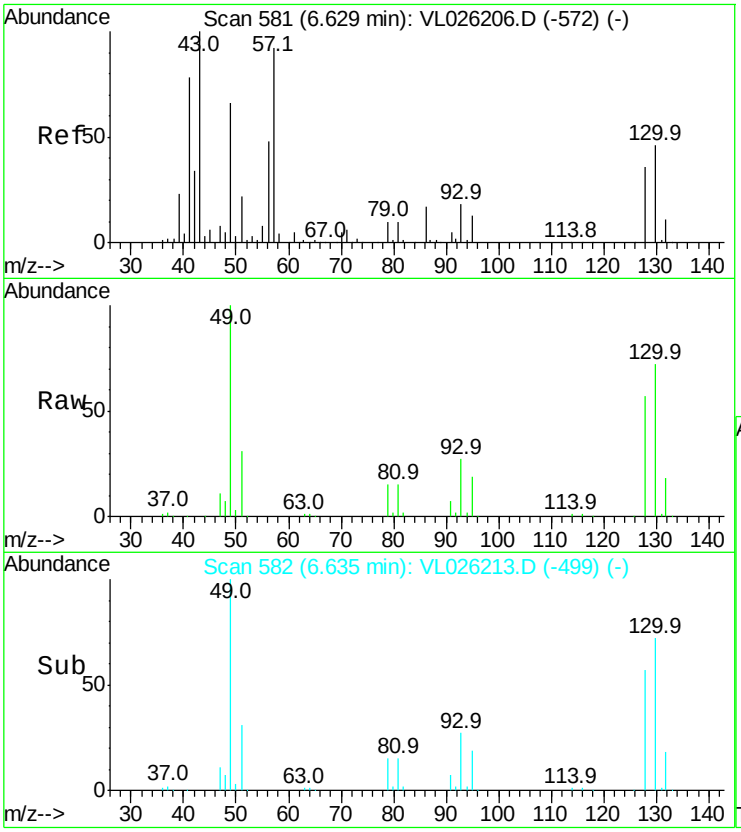
Response via : Initial Calibration



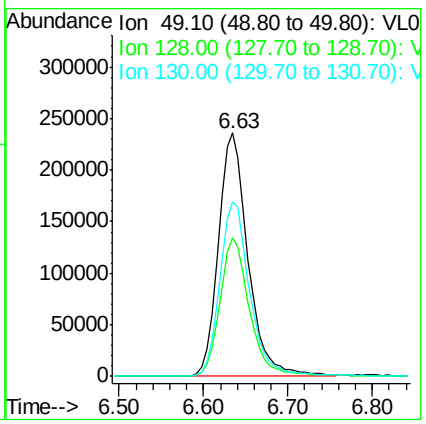


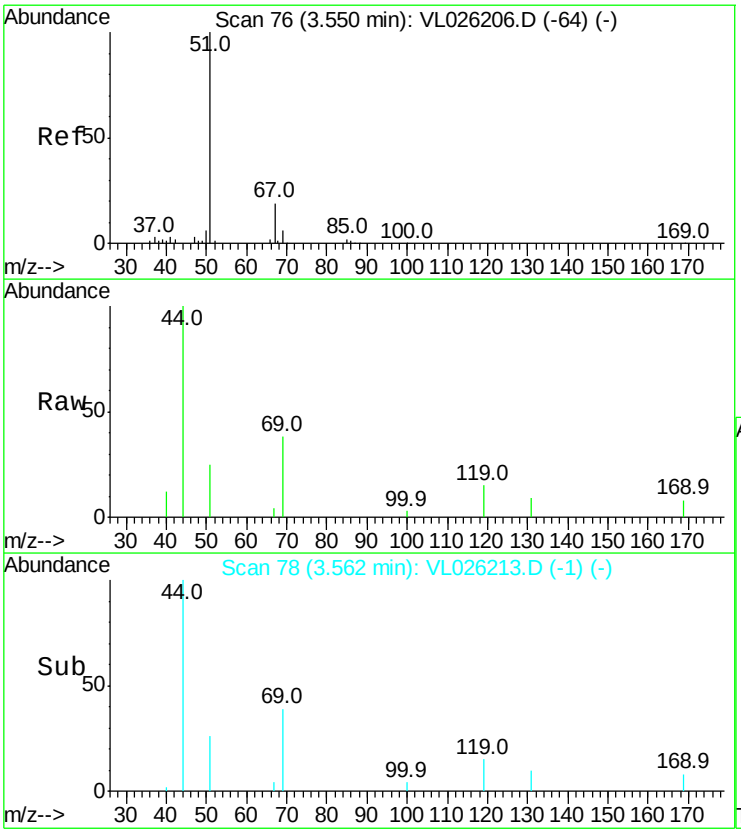
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.63 min Scan# 582
Delta R.T. 0.01 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 568907

Ion	Ratio	Lower	Upper
49	100		
128	57.4	28.1	84.3
130	73.6	36.2	108.6

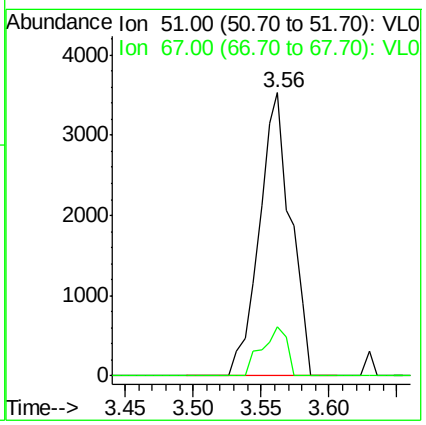


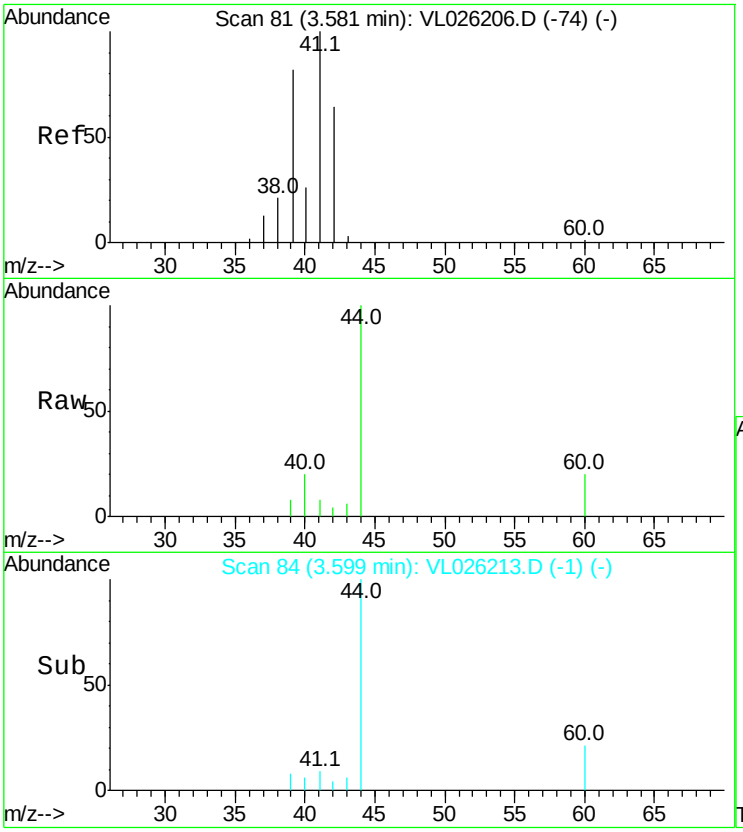


#3
Chlorodifluoromethane
Concen: 0.08 ppbv
RT: 3.56 min Scan# 78
Delta R.T. 0.01 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion: 51 Resp: 5690

Ion	Ratio	Lower	Upper
51	100		
67	13.8	15.6	23.4#



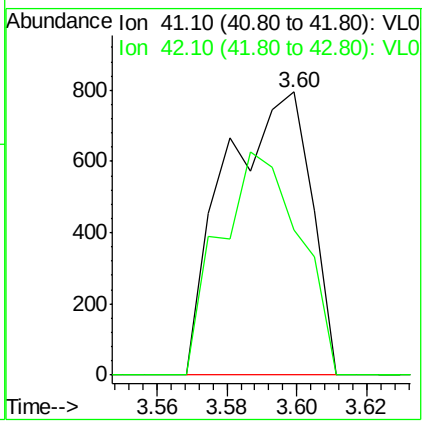


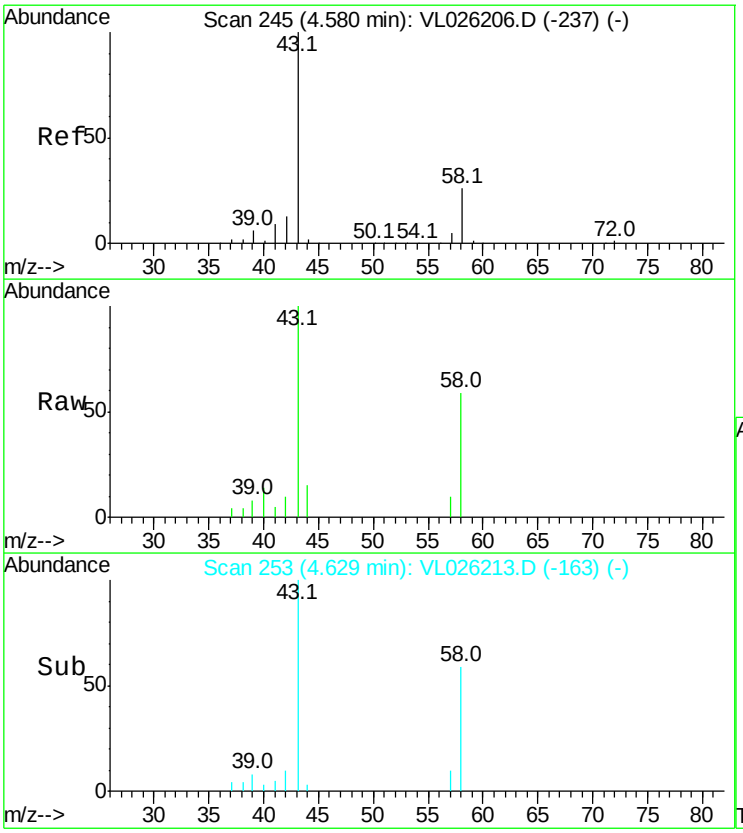
#9
Propene
Concen: 0.04 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.02 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 41 Resp: 1351

Ion	Ratio	Lower	Upper
41	100		
42	73.7	53.1	79.7

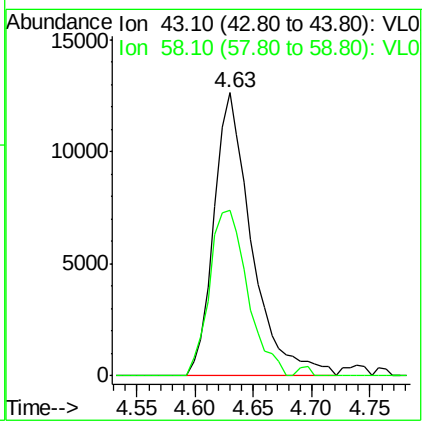


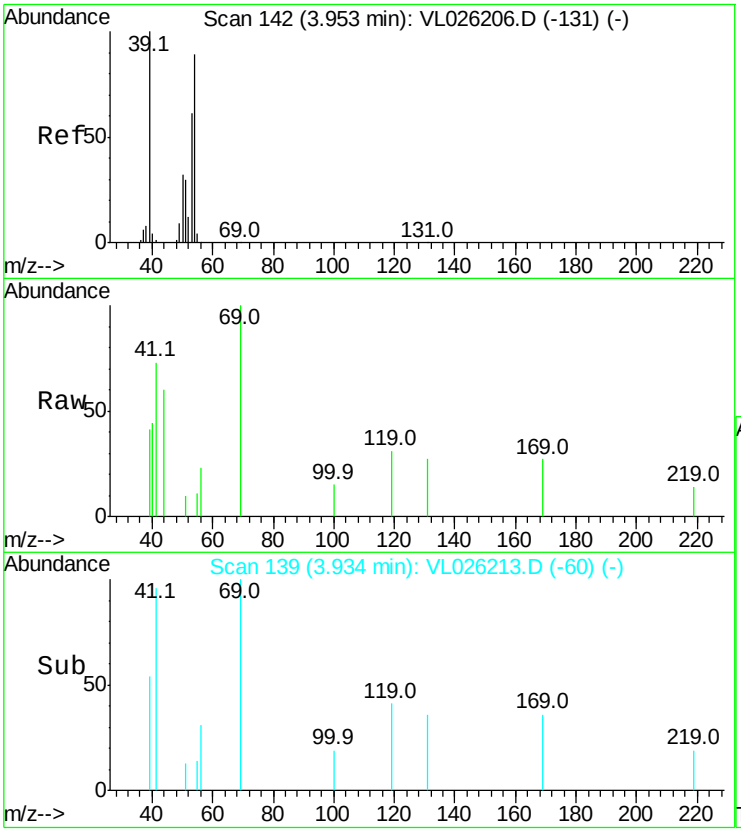


#15
Acetone
Concen: 0.34 ppbv
RT: 4.63 min Scan# 253
Delta R.T. 0.05 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion: 43 Resp: 28397

Ion	Ratio	Lower	Upper
43	100		
58	59.8	21.0	31.4#



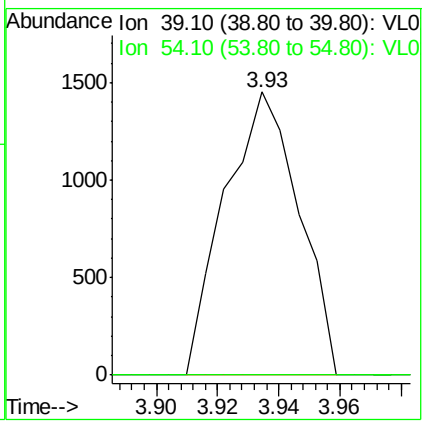


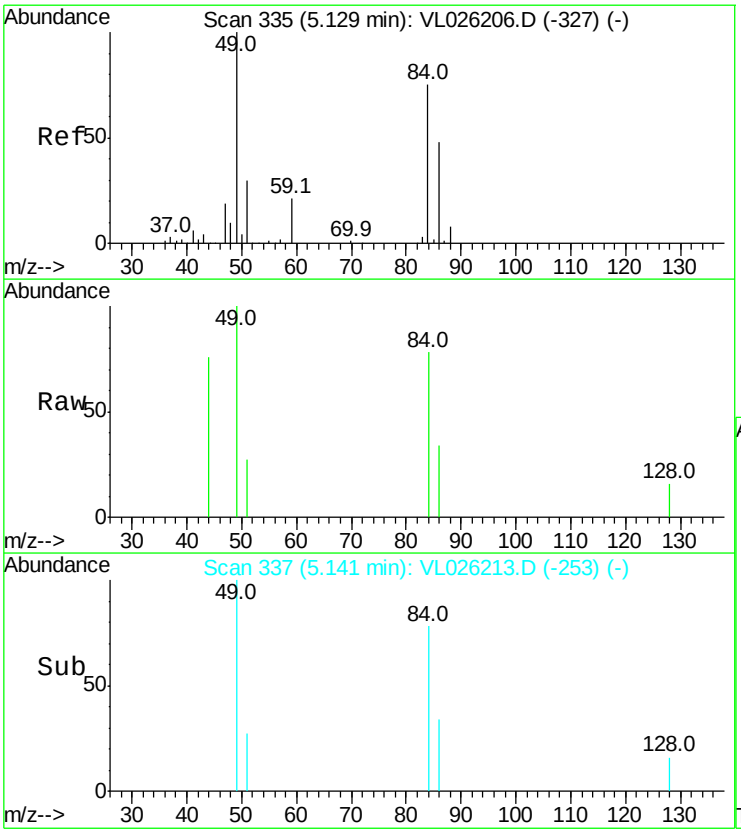
#16
1,3-Butadiene
Concen: 0.07 ppbv
RT: 3.93 min Scan# 139
Delta R.T. -0.02 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 39 Resp: 2444

Ion	Ratio	Lower	Upper
39	100		
54	0.0	67.3	100.9#

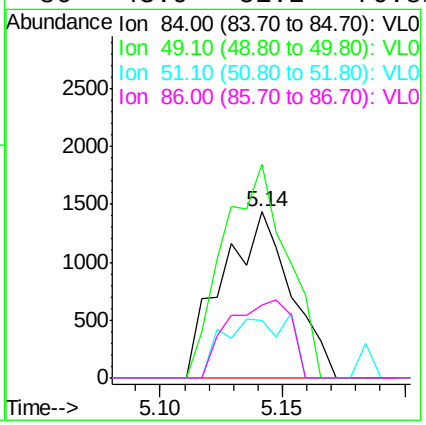


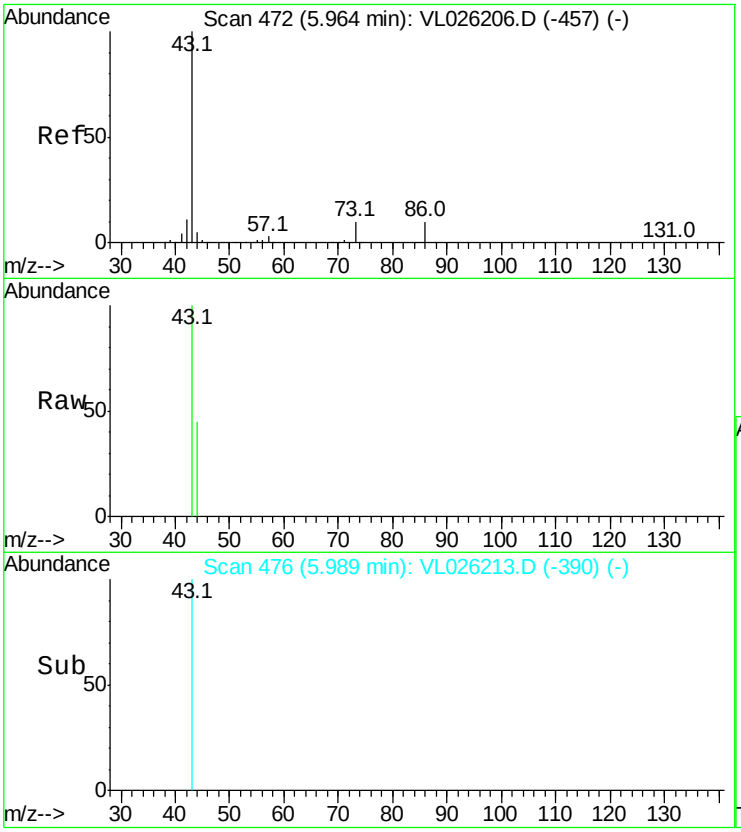


#20
Methylene Chloride
Concen: 0.08 ppbv
RT: 5.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion: 84 Resp: 2791

Ion	Ratio	Lower	Upper
84	100		
49	128.4	107.9	161.9
51	34.9	32.4	48.6
86	43.9	51.2	76.8#



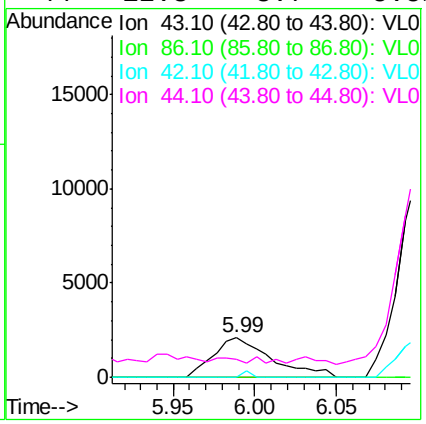


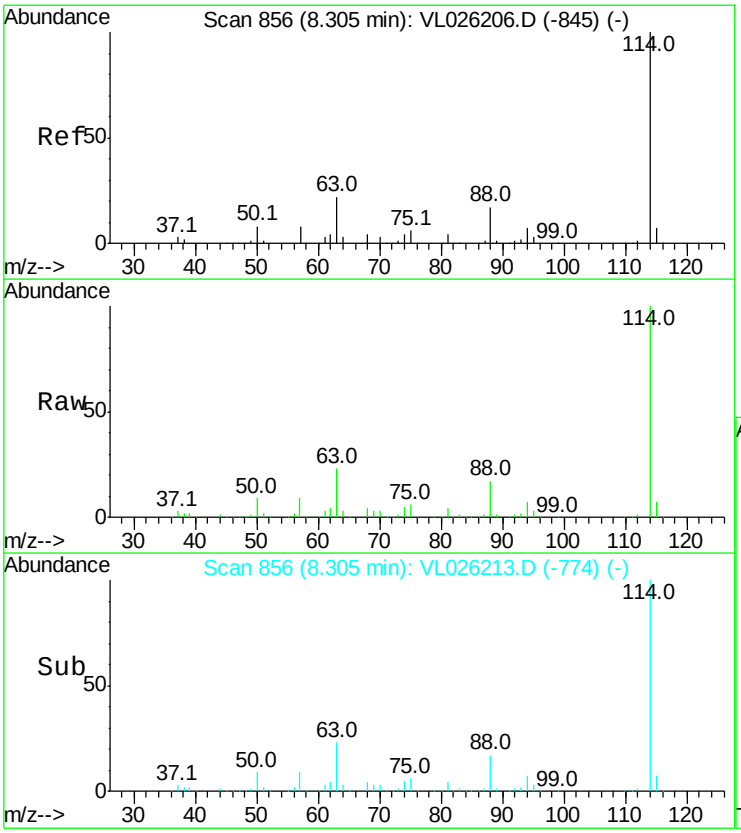
#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.02 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 5231

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.6#
42	0.0	8.4	12.6#
44	12.3	3.7	5.5#

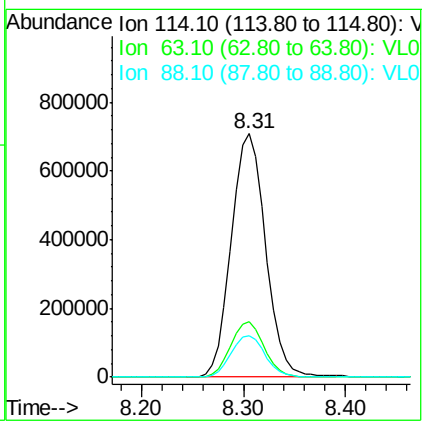


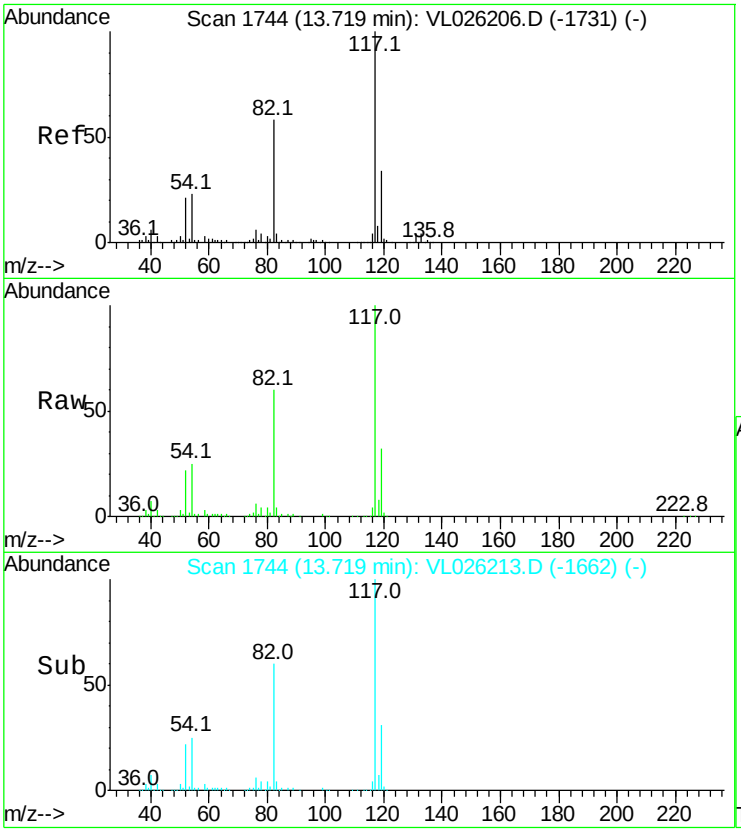


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.31 min Scan# 856
Delta R.T. 0.00 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion:114 Resp: 1656488

Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.9	26.9
88	17.0	13.6	20.4



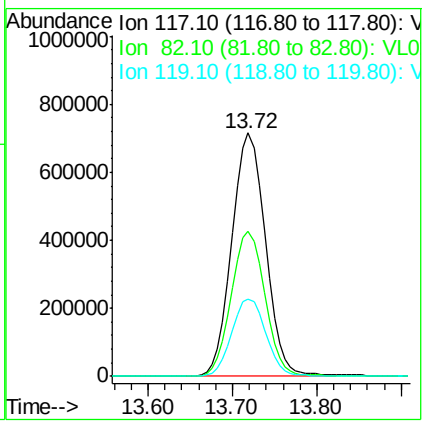


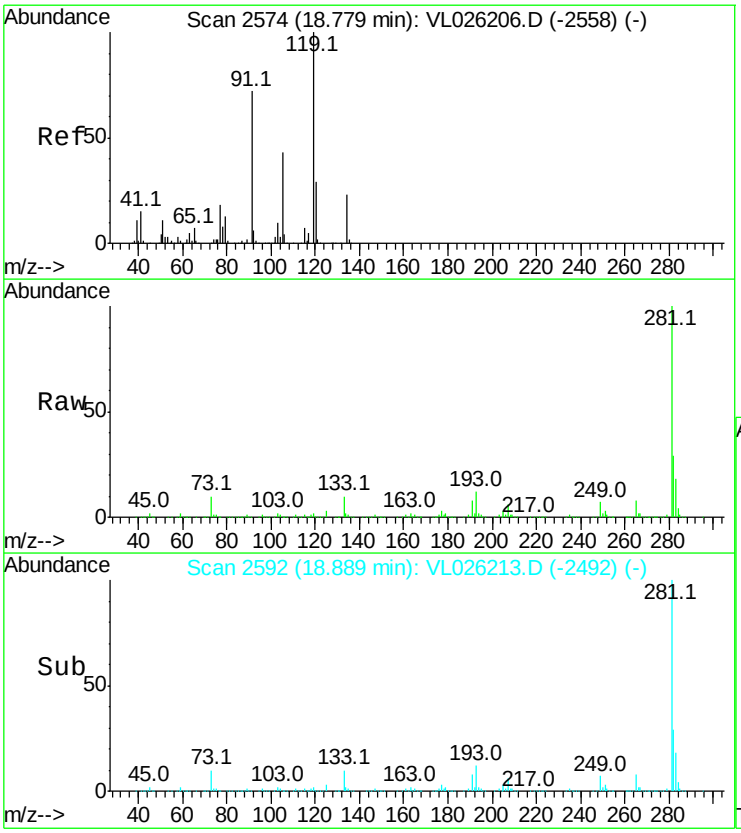
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.72 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1945475

Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.3	69.5
119	32.9	45.0	67.4#

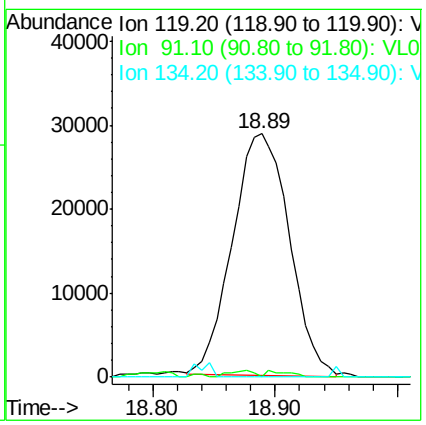


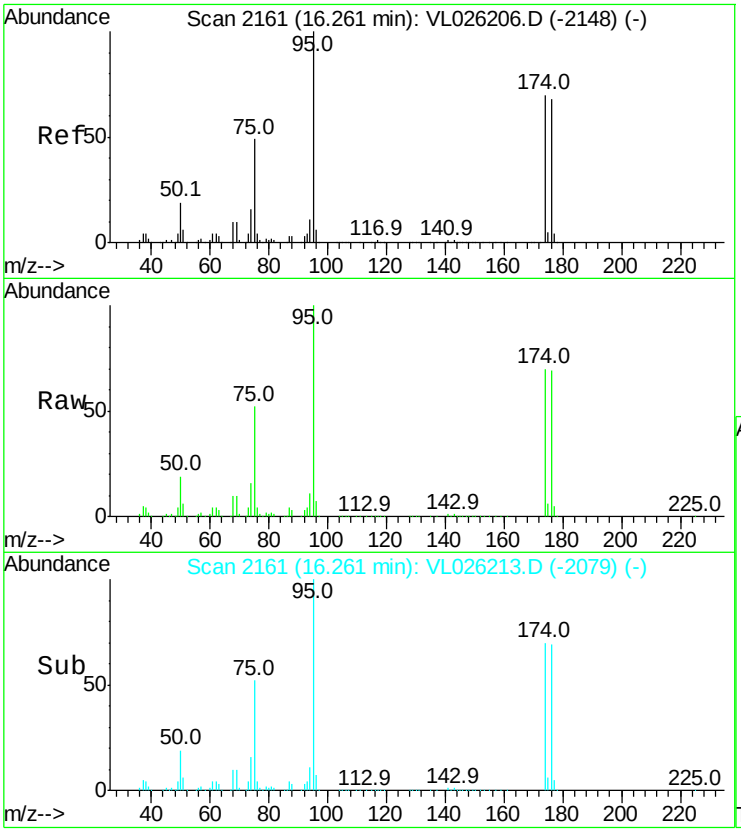


#65
tert-Butylbenzene
Concen: 0.28 ppbv
RT: 18.89 min Scan# 2592
Delta R.T. 0.11 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion:119 Resp: 92663

Ion	Ratio	Lower	Upper
119	100		
91	2.2	57.6	86.4#
134	0.0	17.8	26.6#



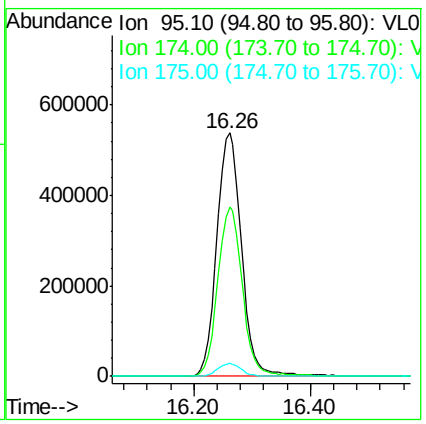


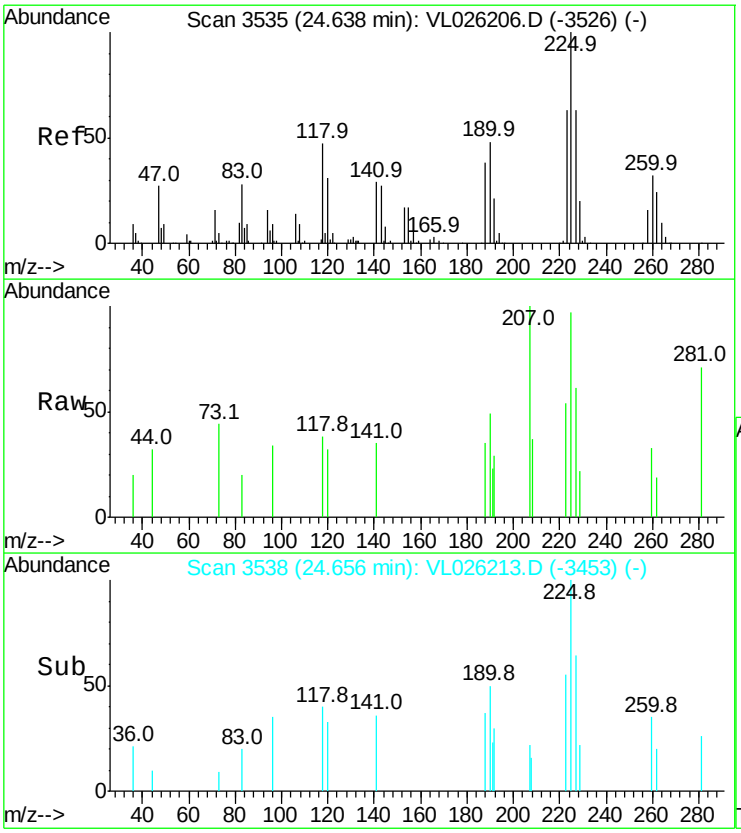
#68
1-Bromo-4-Fluorobenzene
Concen: 10.57 ppbv
RT: 16.26 min Scan# 2161
Delta R.T. 0.00 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 95 Resp: 1585608

Ion	Ratio	Lower	Upper
95	100		
174	69.5	56.2	84.2
175	5.3	4.3	6.5

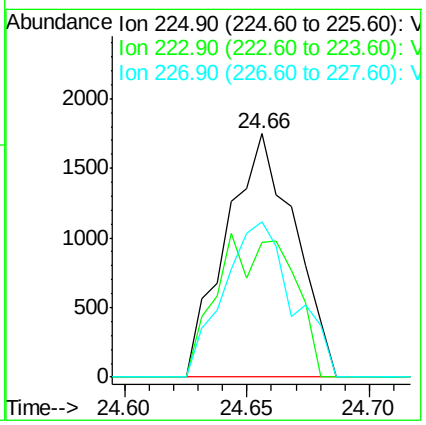


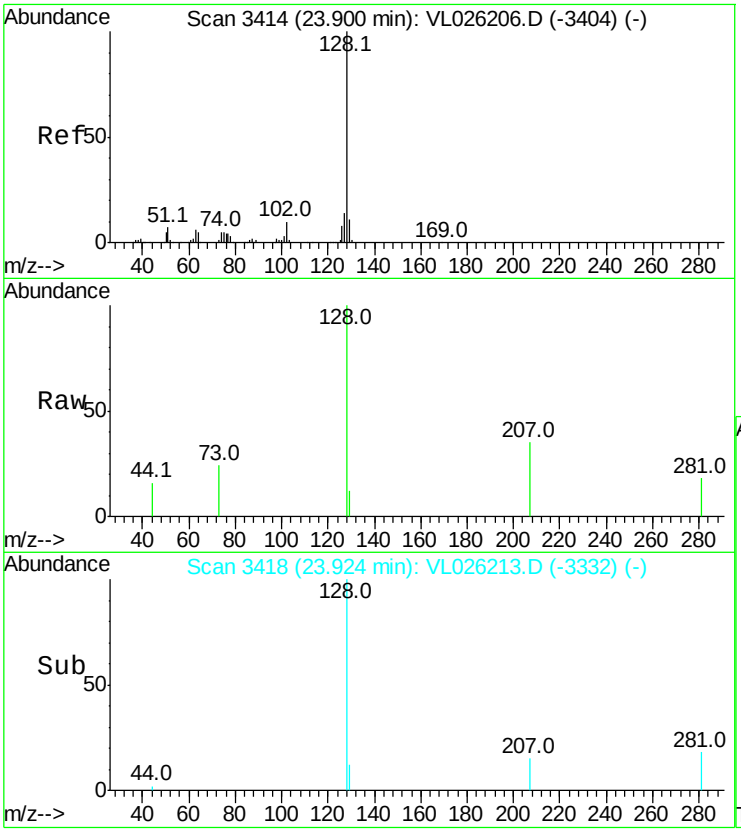


#78
Hexachloro-1,3-Butadiene
Concen: 0.04 ppbv
RT: 24.66 min Scan# 3538
Delta R.T. 0.02 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion:225 Resp: 3417

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	64.5	50.2	75.2



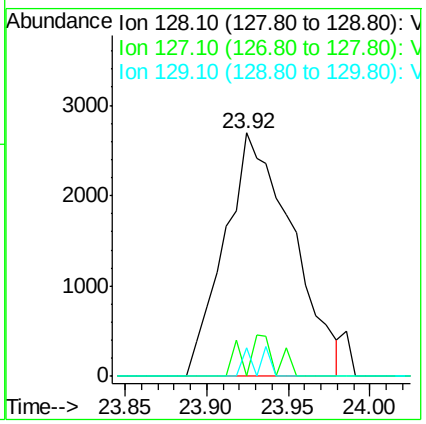


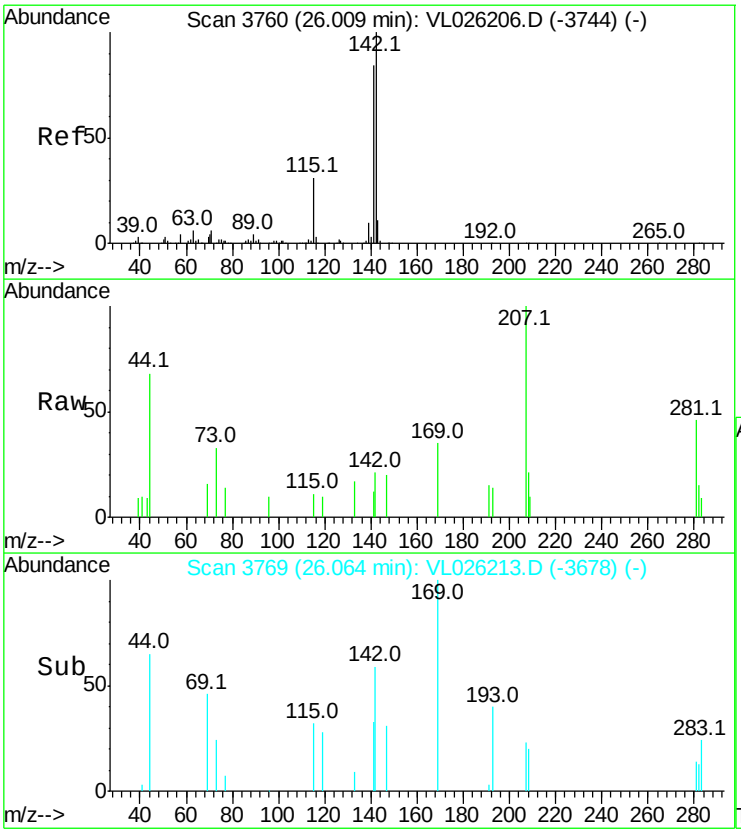
#79
Naphthalene
Concen: 0.03 ppbv
RT: 23.92 min Scan# 3418
Delta R.T. 0.02 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 7780

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.6#
129	11.9	8.7	13.1

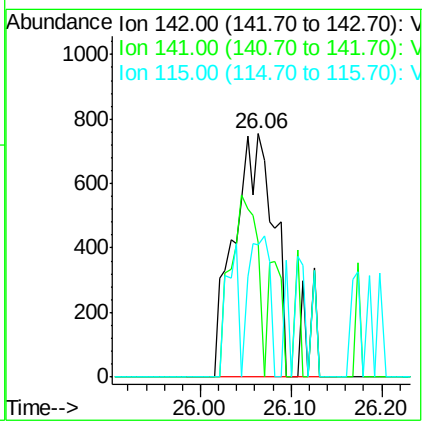


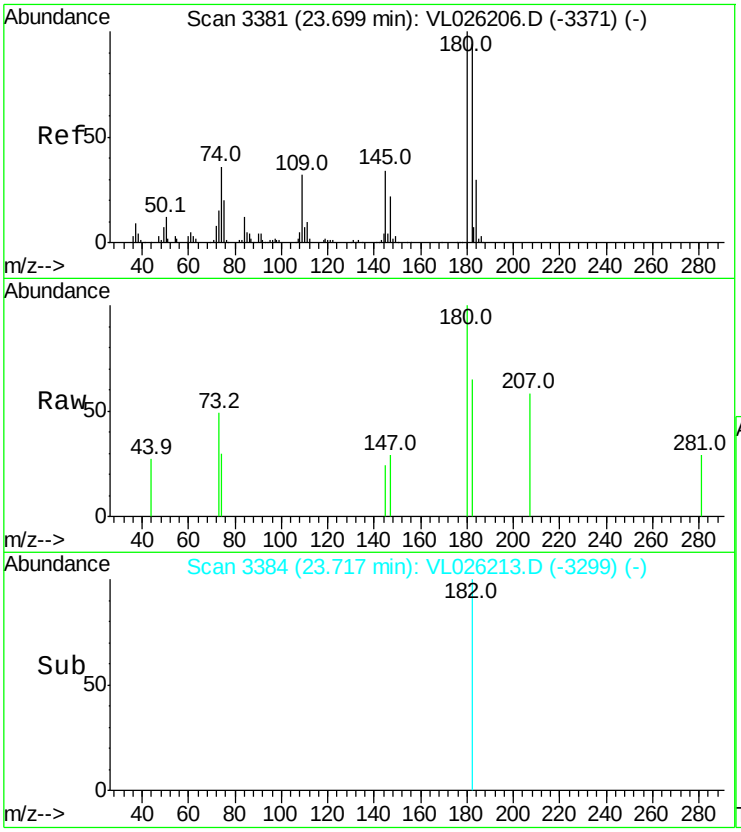


#80
Naphthalene,2-methyl-
Concen: 0.05 ppbv
RT: 26.06 min Scan# 3769
Delta R.T. 0.05 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Tgt Ion:142 Resp: 2497

Ion	Ratio	Lower	Upper
142	100		
141	65.7	66.7	100.1#
115	64.2	25.0	37.4#





#81
1,2,4-Trichlorobenzene
Concen: 0.03 ppbv
RT: 23.72 min Scan# 3384
Delta R.T. 0.02 min
Lab File: VL026213.D
Acq: 20 Oct 2015 15:21

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 3695

Ion	Ratio	Lower	Upper
180	100		
182	78.6	76.4	114.6
184	16.9	24.4	36.6#