Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026841.D
Acq On : 10 Feb 2016 5:33
Operator : SY/AP
Sample : H1388-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-2

Quant Time: Feb 10 07:56:36 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	6.70	49	1334192	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.37	114	3677487	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.79	117	1455152	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.33	95	1642157	15.72	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 157.20%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.67	85	183320	0.64	ppbv		96
3) Chlorodifluoromethane	3.60	51	1648480	7.62	ppbv	#	83
4) Chloromethane	3.78	50	59609	0.70	ppbv		97
7) Chloroethane	4.28	64	1291	0.03	ppbv	#	43
9) Propene	3.64	41	158425	2.71	ppbv	#	75
10) Heptane	9.40	43	89178	0.47	ppbv	#	82
11) Trichlorofluoromethane	4.73	101	144765	0.42	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	5.34	101	36113	0.15	ppbv		96
13) Ethanol	4.37	45	6304623	626.88	ppbv		98
15) Acetone	4.63	43	17920261	97.77	ppbv	#	64
16) 1,3-Butadiene	4.04	39	70485	0.98	ppbv	#	17
17) tert-Butyl alcohol	4.81	59	182110	1.50	ppbv		96
19) Isopropyl Alcohol	4.81	45	4806684	73.51	ppbv	#	92
20) Methylene Chloride	5.20	84	57988	0.61	ppbv		97
21) Allyl Chloride	5.20	41	11171	0.10	ppbv	#	26
23) Vinyl Acetate	6.04	43	222432	0.89	ppbv	#	60
25) Ethyl Acetate	6.71	43	641222	2.33	ppbv	#	93
26) Hexane	6.70	57	113755	0.73	ppbv	#	1
29) Chloroform	6.79	83	29142	0.12	ppbv		92
30) Cyclohexane	8.32	84	53201	0.42	ppbv	#	4
31) cis-1,2-Dichloroethene	6.71	61	79234	0.61	ppbv	#	24
34) 2-Butanone	6.24	43	129343	0.72	ppbv		98
35) Carbon Tetrachloride	8.21	117	25770	0.10	ppbv		98
36) Benzene	8.07	78	202486	0.69	ppbv	#	95
37) 1,2-Dichloroethane	7.42	62	7574	0.04	ppbv	#	90
38) Trichloroethene	9.12	130	4285	0.03	ppbv		88
41) Tetrahydrofuran	7.18	42	7252	0.08	ppbv	#	84
43) Methyl Methacrylate	9.31	69	71138	0.70	ppbv		95
44) 2,2,4-Trimethylpentane	9.13	57	49175	0.10	ppbv	#	70
49) Bromoform	14.86	173	11287	0.08	ppbv		94
50) 4-Methyl-2-Pentanone	10.15	43	16590	0.08	ppbv		96
52) Tetrachloroethene	12.84	164	25515	0.22	ppbv		96
53) Toluene	11.28	91	1782708	5.43	ppbv		99
57) Chlorobenzene	13.87	112	4486	0.04	ppbv	#	63
58) Ethyl Benzene	14.46	91	102741	0.59	ppbv		98
59) m/p-Xylene	14.74	91	258073	1.72	ppbv		99
60) o-Xylene	15.54	91	78301	0.48	ppbv		98
61) Styrene	15.36	104	18247	0.33	ppbv		99
62) Isopropylbenzene	16.58	105	9768	0.05	ppbv		91
64) n-propylbenzene	17.57	120	1788	0.04	ppbv	#	1
65) tert-Butylbenzene	18.88	119	16169	0.09	ppbv	#	50

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026841.D
Acq On : 10 Feb 2016 5:33
Operator : SY/AP
Sample : H1388-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-2

Quant Time: Feb 10 07:56:36 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)
69) p-Isopropyltoluene	19.84	119	24969	0.13	ppbv	#	75
70) n-Butylbenzene	20.82	91	9696	0.05	ppbv	#	60
72) 4-Ethyltoluene	17.87	105	32995	0.22	ppbv	#	94
73) 1,3,5-Trimethylbenzene	18.04	105	30056	0.20	ppbv		90
74) 1,2,4-Trimethylbenzene	18.88	105	111580	0.67	ppbv	#	68
76) 1,4-Dichlorobenzene	19.33	146	3423	0.03	ppbv	#	55
79) Naphthalene	23.99	128	6998	0.09	ppbv		98
80) Naphthalene,2-methyl-	26.14	142	1405	0.04	ppbv	#	69

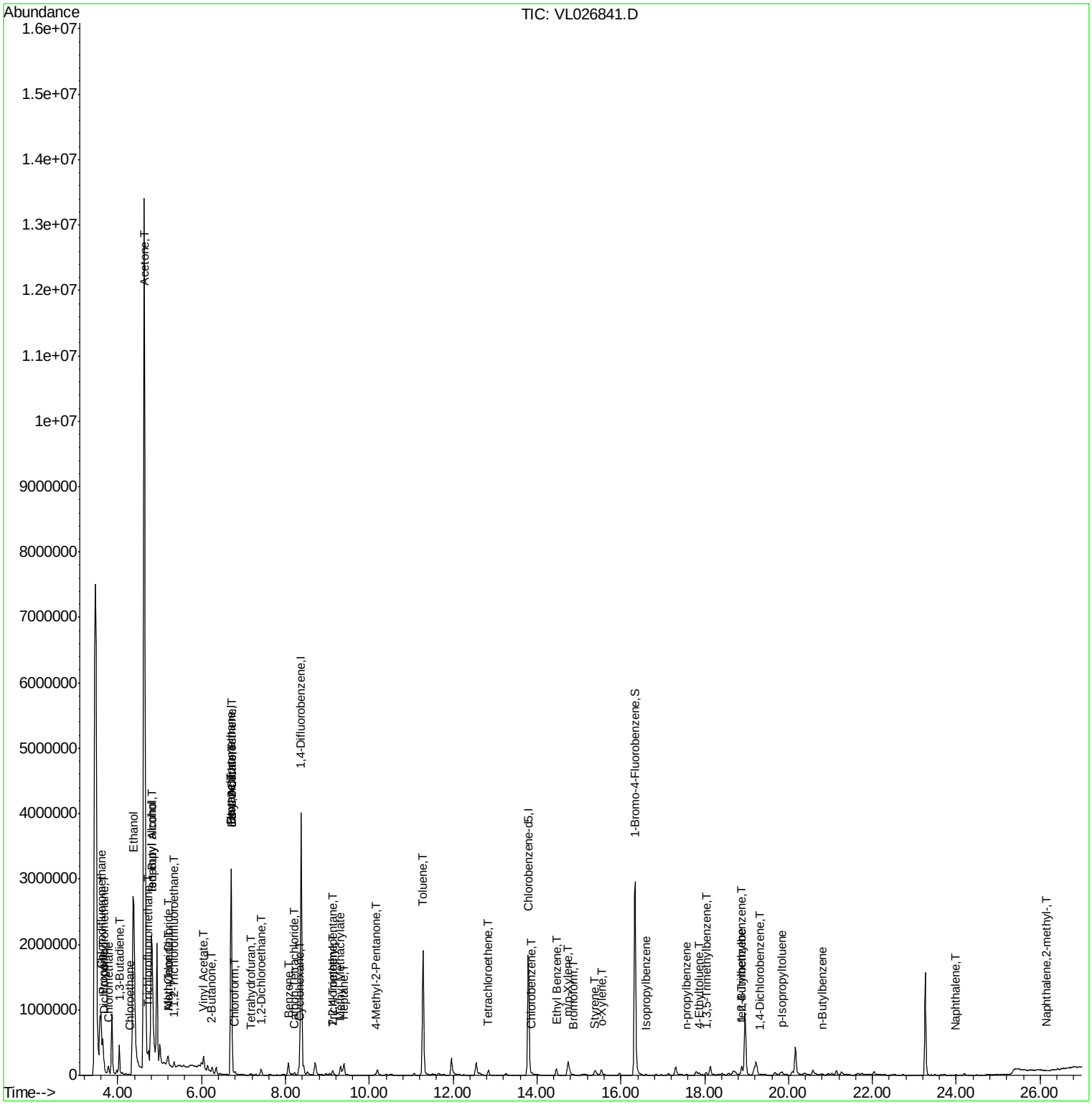
(#) = qualifier out of range (m) = manual integration (+) = signals summed

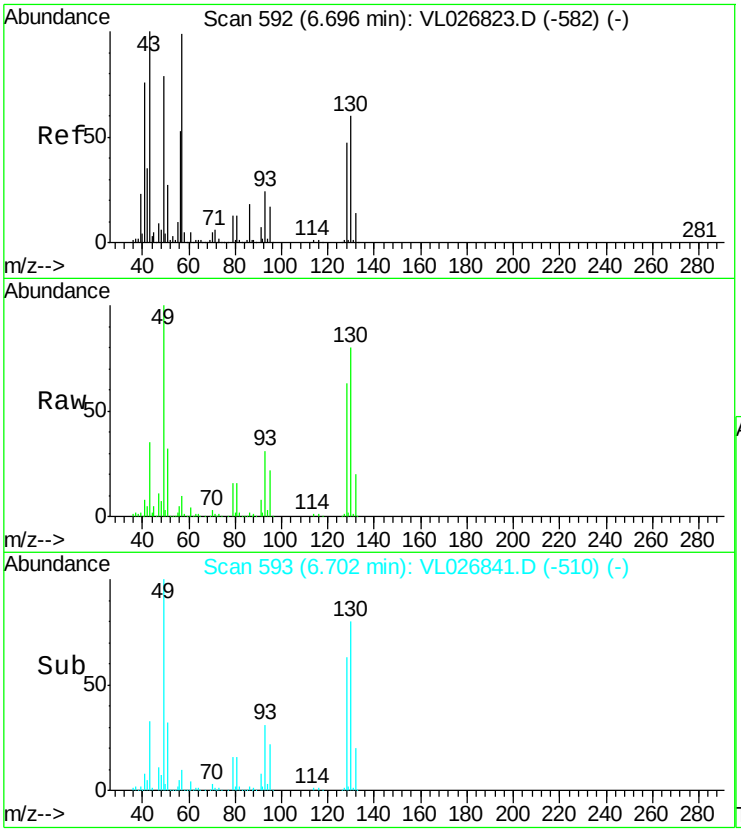
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026841.D
Acq On : 10 Feb 2016 5:33
Operator : SY/AP
Sample : H1388-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-2

Quant Time: Feb 10 07:56:36 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



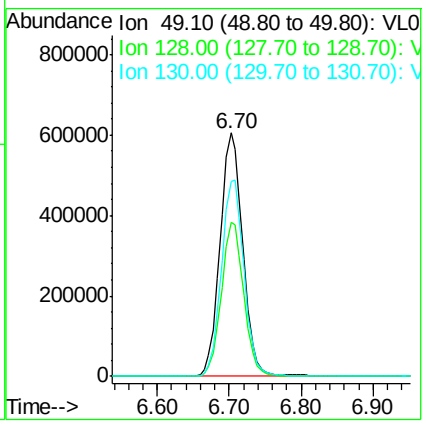


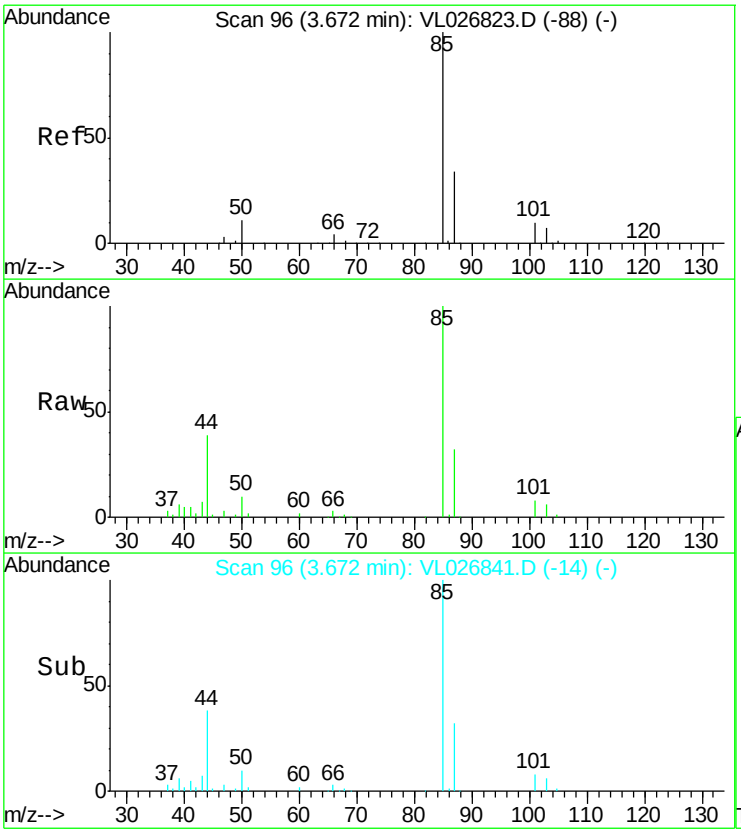
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.70 min Scan# 593
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-2

Tgt Ion: 49 Resp: 1334192

Ion	Ratio	Lower	Upper
49	100		
128	62.5	29.7	89.1
130	80.6	38.3	114.8

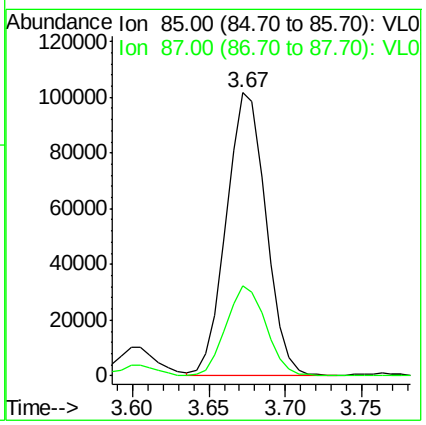


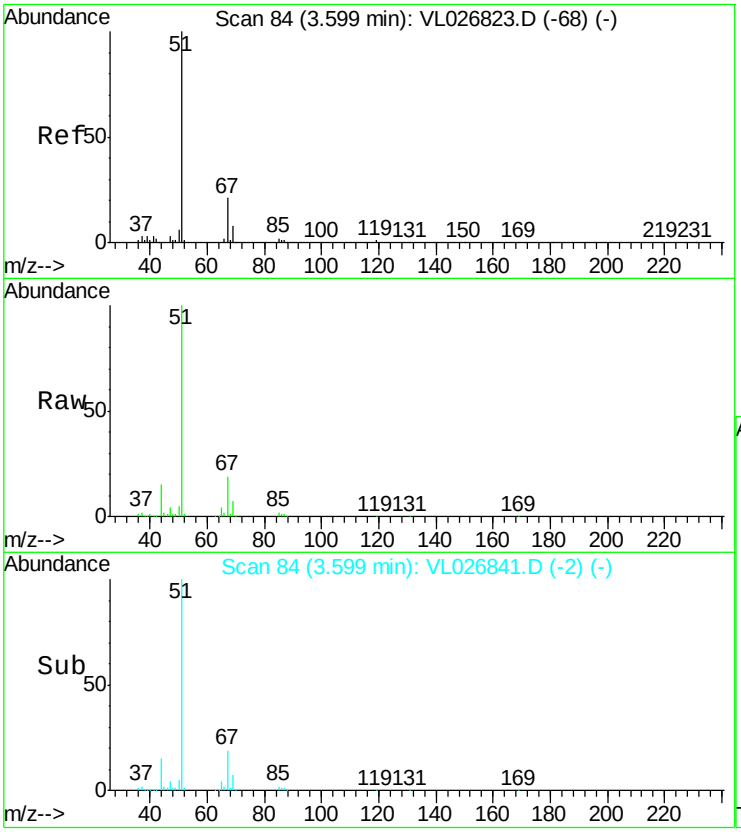


#2
Dichlorodifluoromethane
Concen: 0.64 ppbv
RT: 3.67 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 85 Resp: 183320

Ion	Ratio	Lower	Upper
85	100		
87	31.7	27.3	40.9



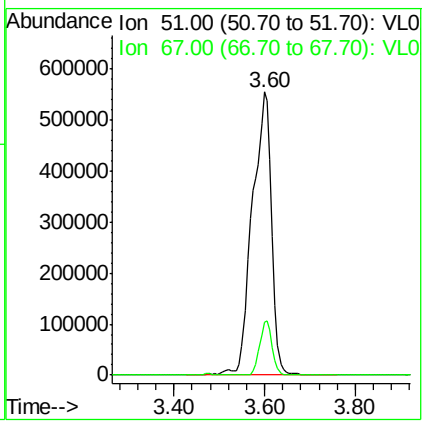


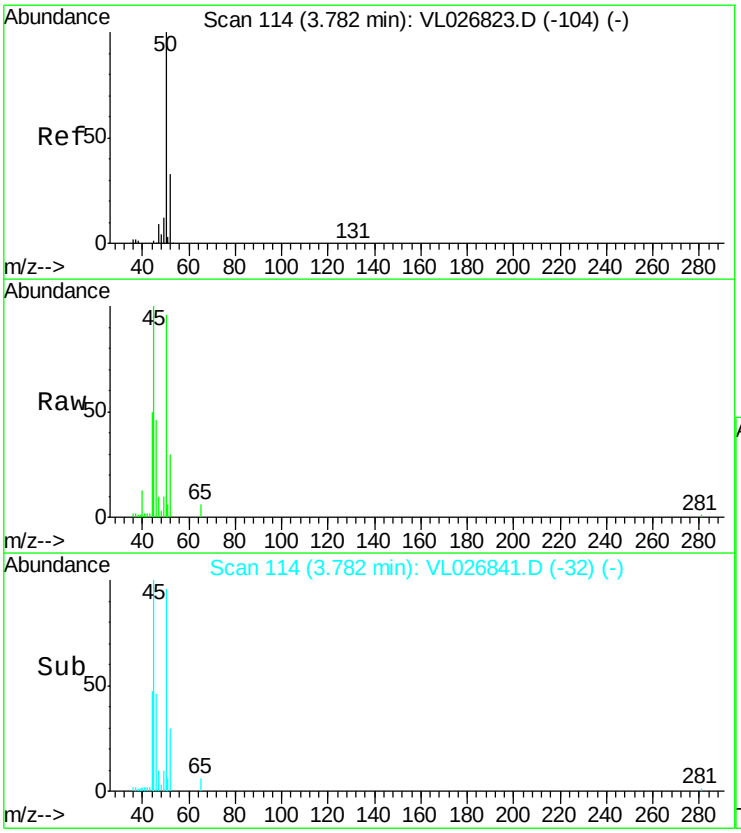
#3
Chlorodifluoromethane
Concen: 7.62 ppbv
RT: 3.60 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 51 Resp: 1648480

Ion	Ratio	Lower	Upper
51	100		
67	12.5	16.4	24.6#

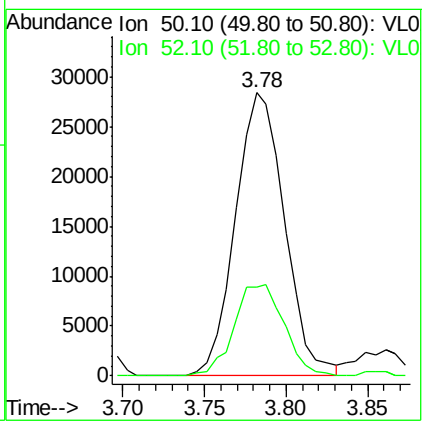


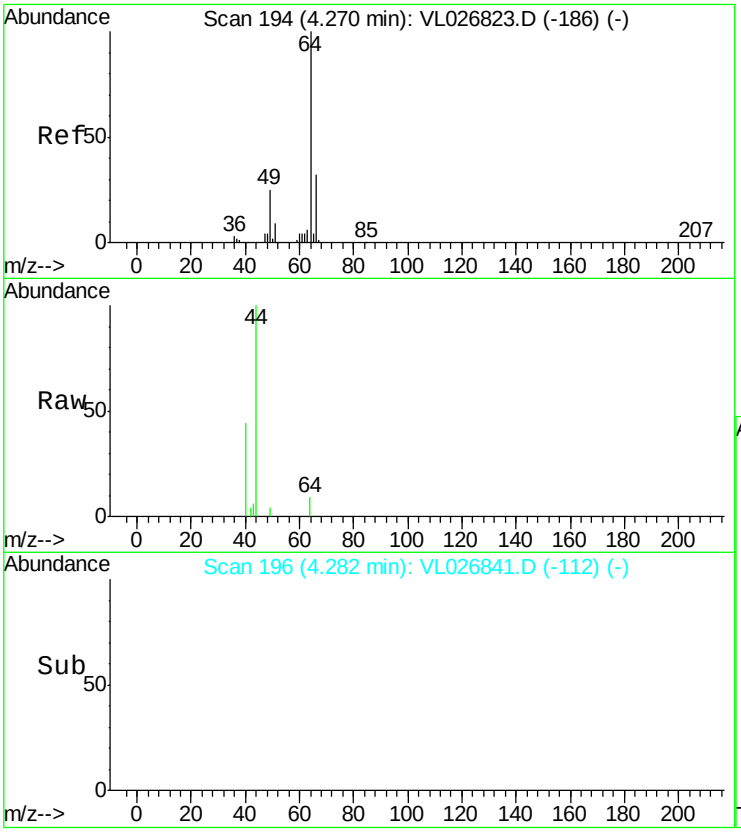


#4
Chloromethane
Concen: 0.70 ppbv
RT: 3.78 min Scan# 114
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 50 Resp: 59609

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.3	39.5



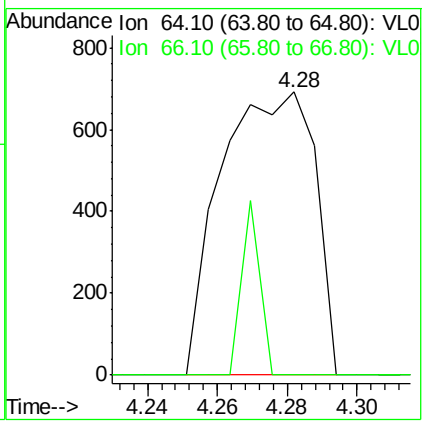


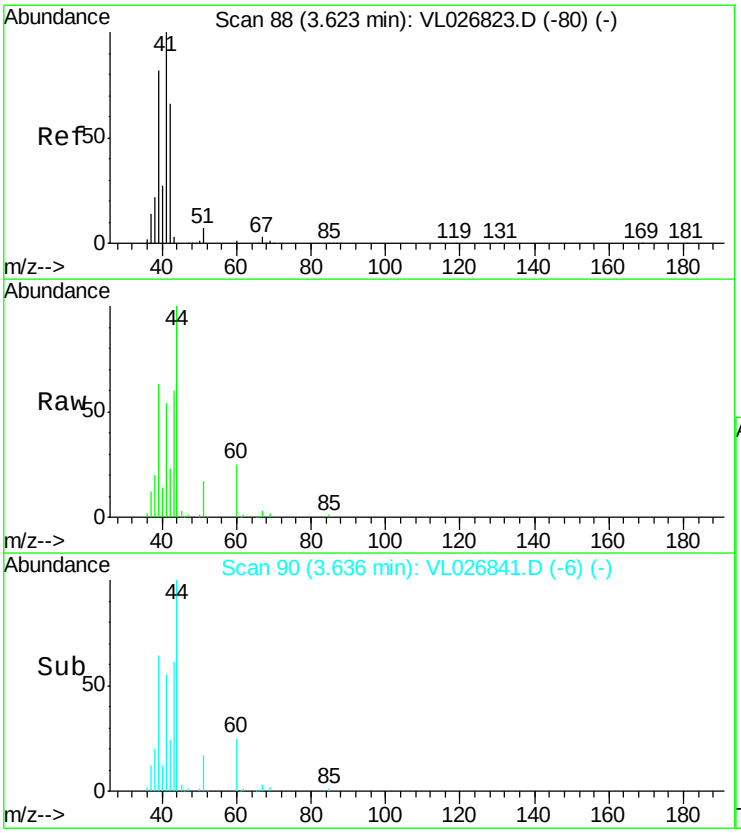
#7
Chloroethane
Concen: 0.03 ppbv
RT: 4.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 64 Resp: 1291

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#

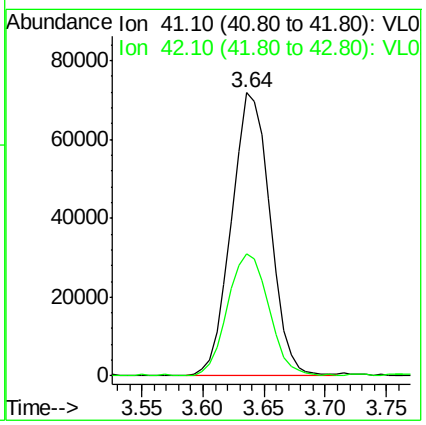


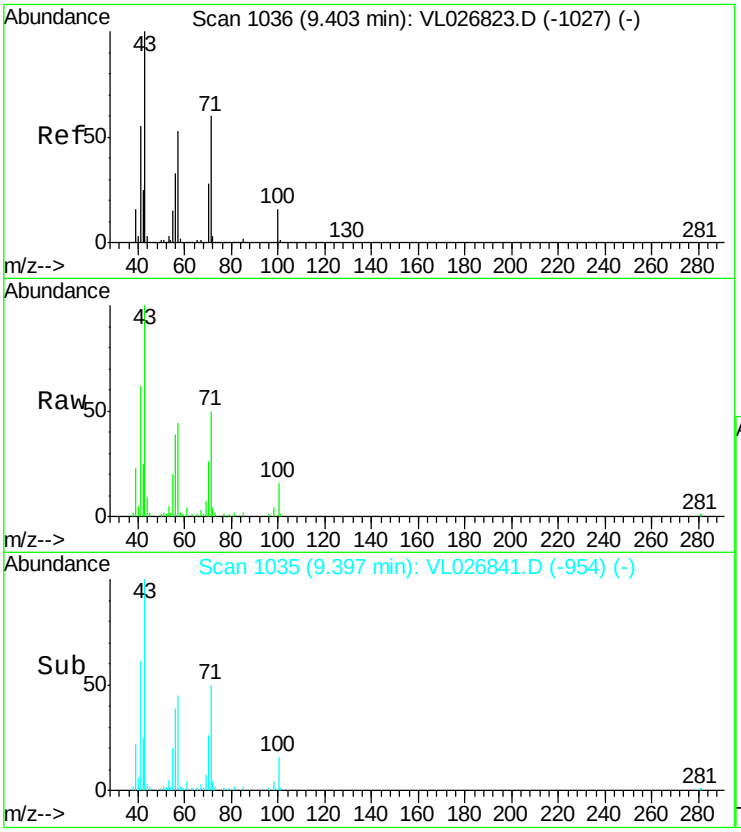


#9
Propene
Concen: 2.71 ppbv
RT: 3.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 41 Resp: 158425

Ion	Ratio	Lower	Upper
41	100		
42	46.1	52.8	79.2#



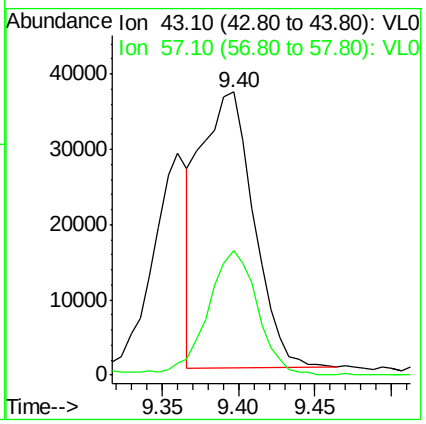


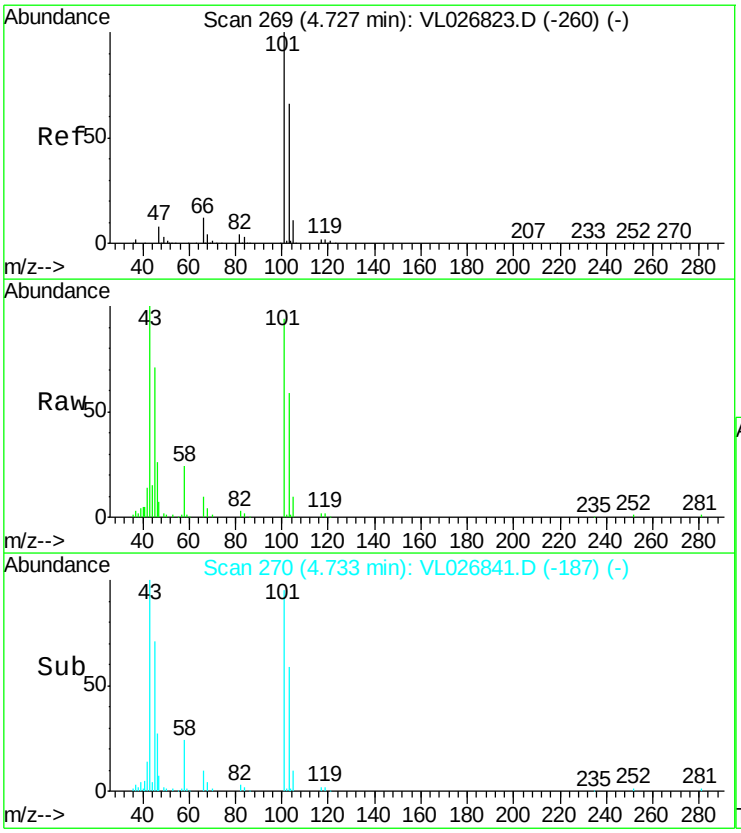
#10
Heptane
Concen: 0.47 ppbv
RT: 9.40 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 43 Resp: 89178

Ion	Ratio	Lower	Upper
43	100		
57	42.3	44.0	66.0#

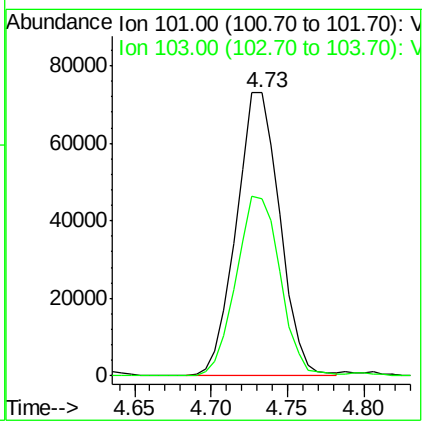


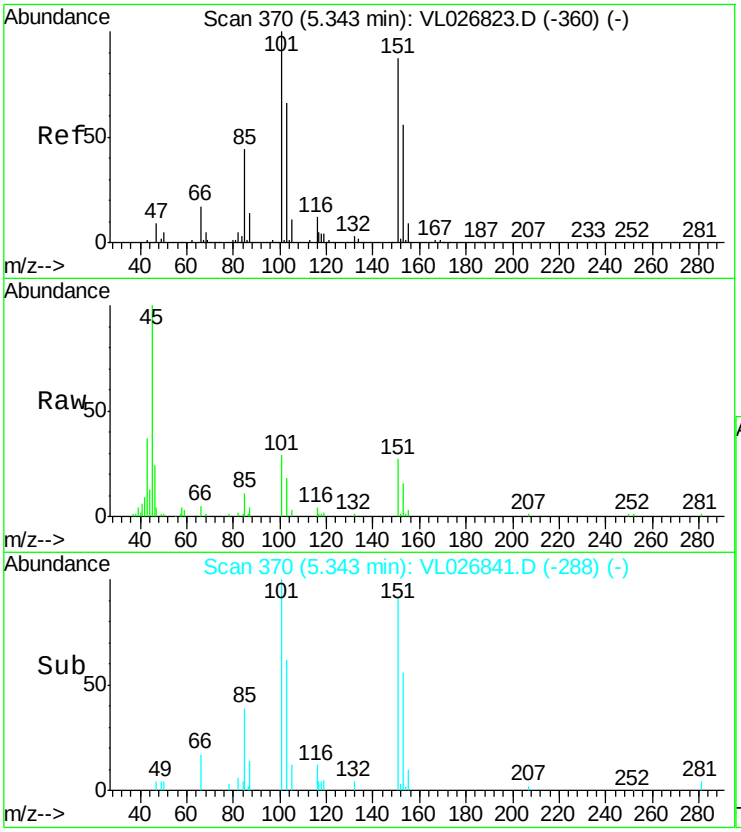


#11
Trichlorofluoromethane
Concen: 0.42 ppbv
RT: 4.73 min Scan# 270
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:101 Resp: 144765

Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.7	79.1



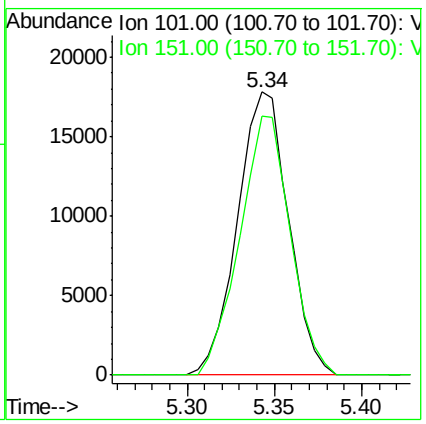


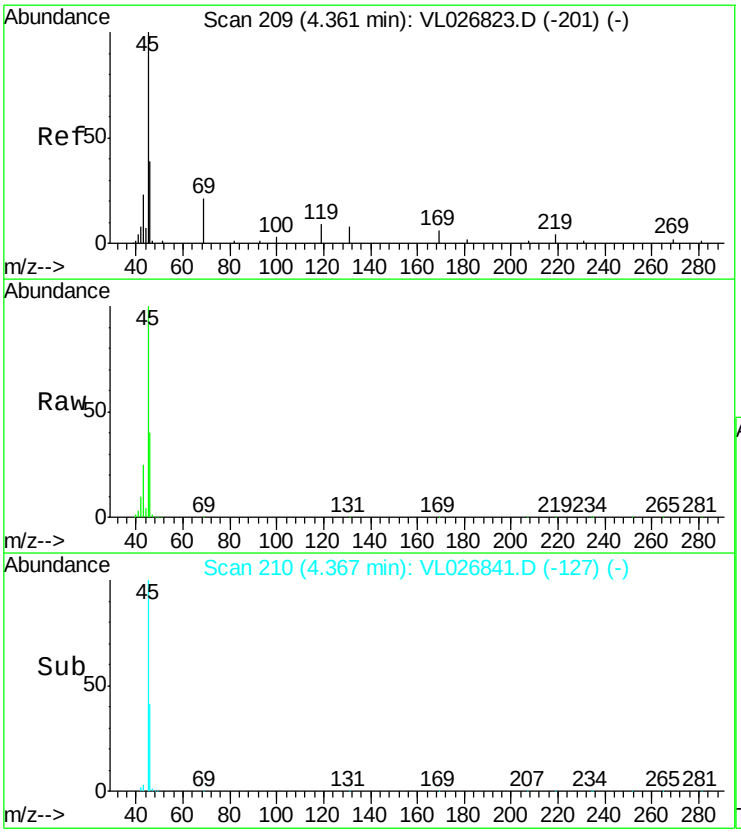
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.15 ppbv
RT: 5.34 min Scan# 370
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion:101 Resp: 36113

Ion	Ratio	Lower	Upper
101	100		
151	90.8	69.4	104.0

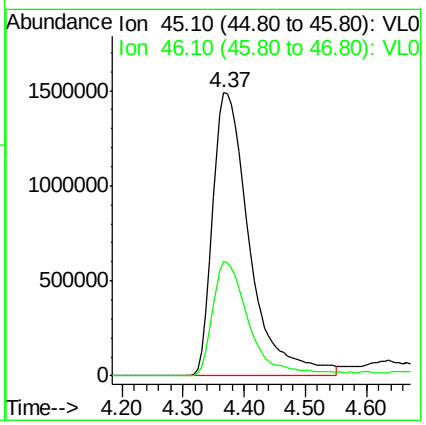


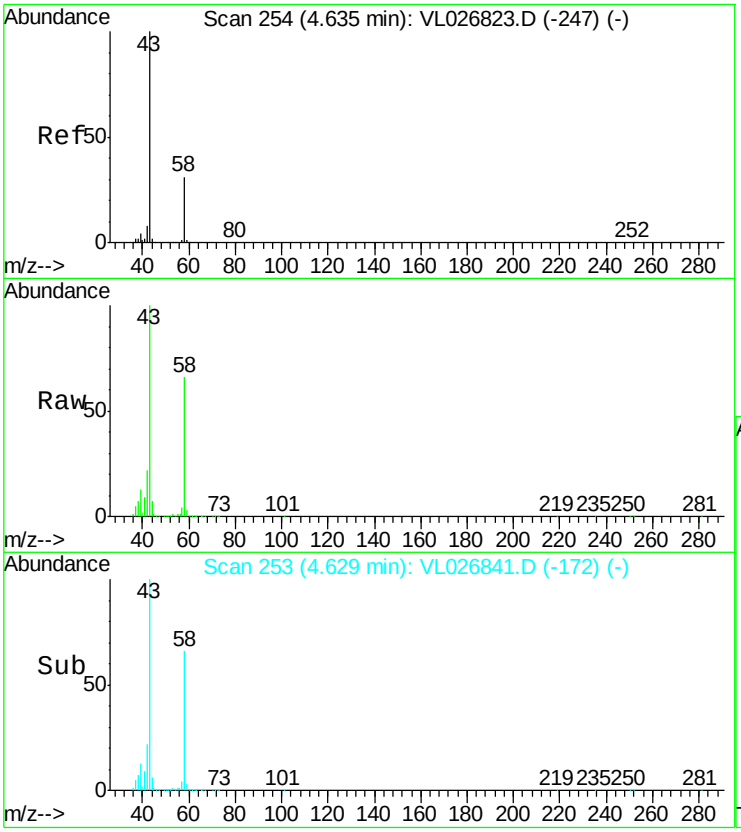


#13
Ethanol
Concen: 626.88 ppbv
RT: 4.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 45 Resp: 6304623

Ion	Ratio	Lower	Upper
45	100		
46	40.8	15.8	63.4



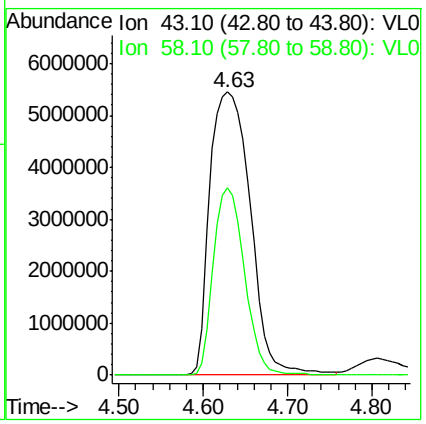


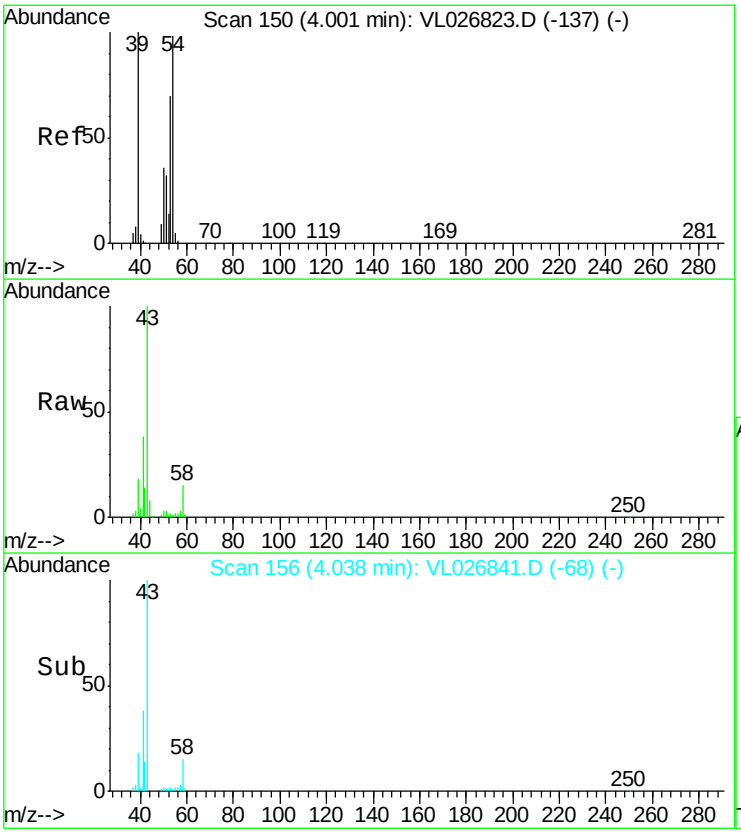
#15
Acetone
Concen: 97.77 ppbv
RT: 4.63 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 43 Resp:17920261

Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.2	37.8#

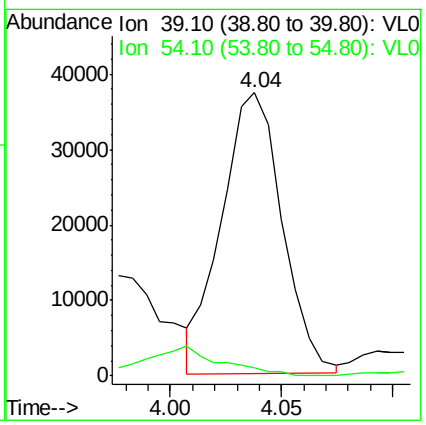


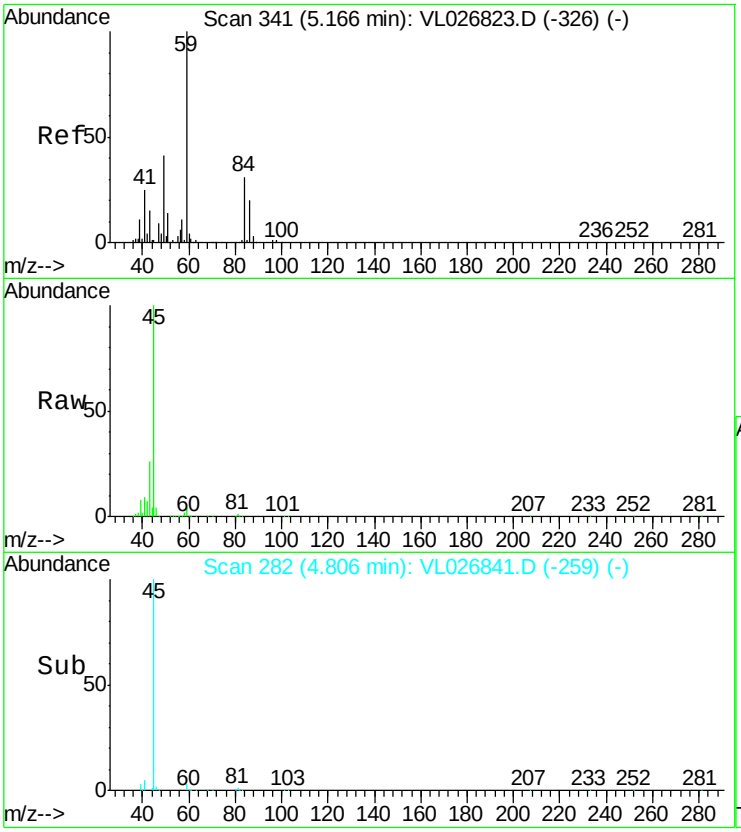


#16
1,3-Butadiene
Concen: 0.98 ppbv
RT: 4.04 min Scan# 156
Delta R.T. 0.04 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 39 Resp: 70485

Ion	Ratio	Lower	Upper
39	100		
54	13.5	74.7	112.1#



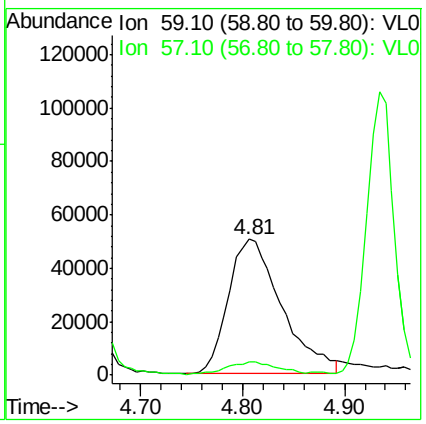


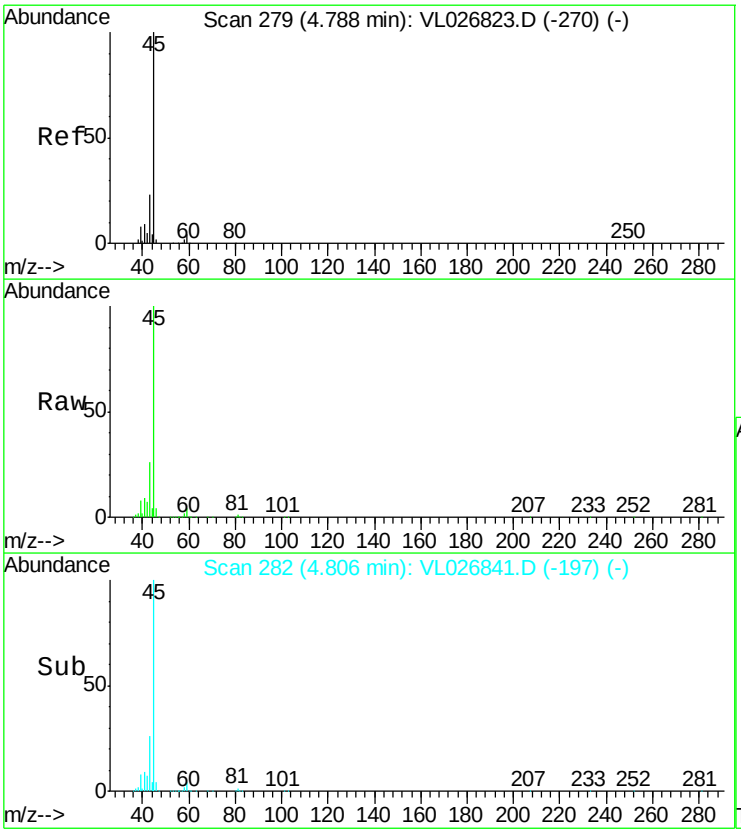
#17
tert-Butyl alcohol
Concen: 1.50 ppbv
RT: 4.81 min Scan# 282
Delta R.T. -0.36 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 59 Resp: 182110

Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.5	12.7

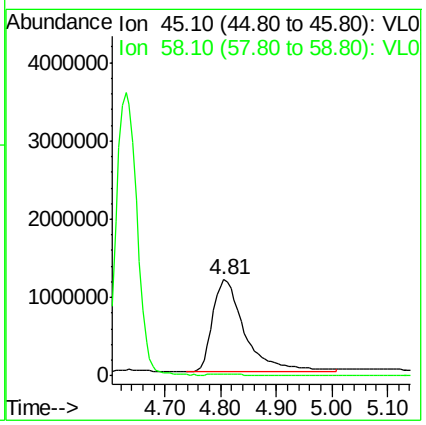


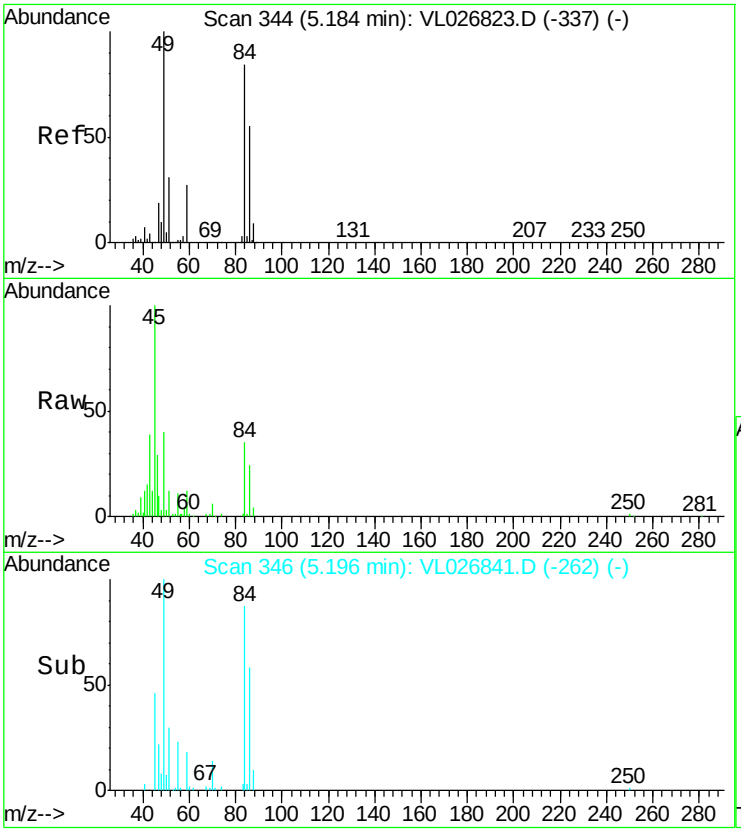


#19
Isopropyl Alcohol
Concen: 73.51 ppbv
RT: 4.81 min Scan# 282
Delta R.T. 0.02 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 45 Resp: 4806684

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#



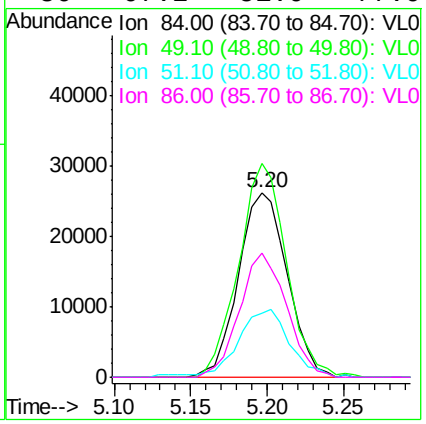


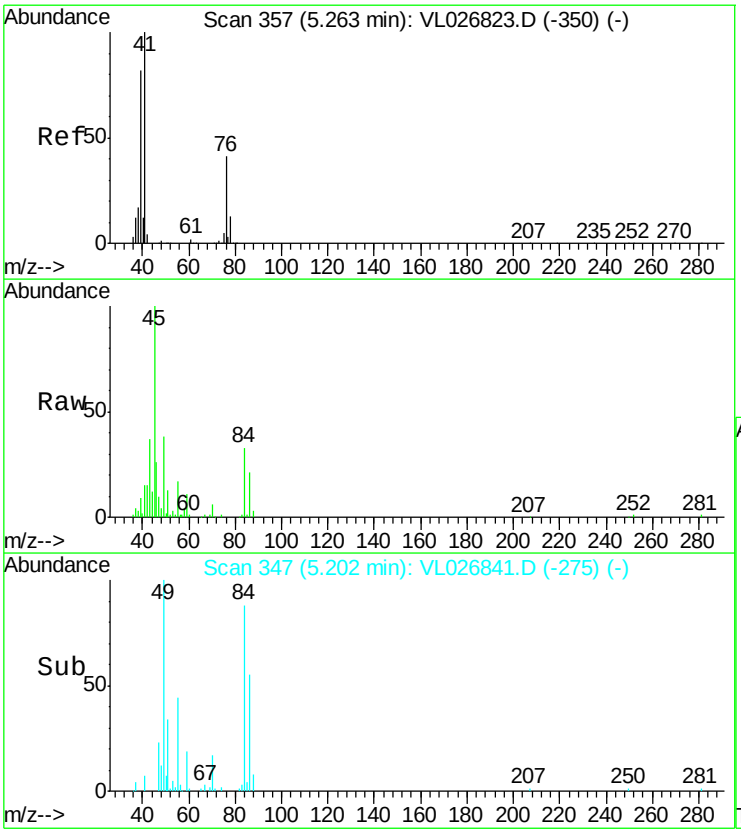
#20
Methylene Chloride
Concen: 0.61 ppbv
RT: 5.20 min Scan# 346
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 84 Resp: 57988

Ion	Ratio	Lower	Upper
84	100		
49	115.5	94.9	142.3
51	34.9	29.5	44.3
86	67.2	51.9	77.9

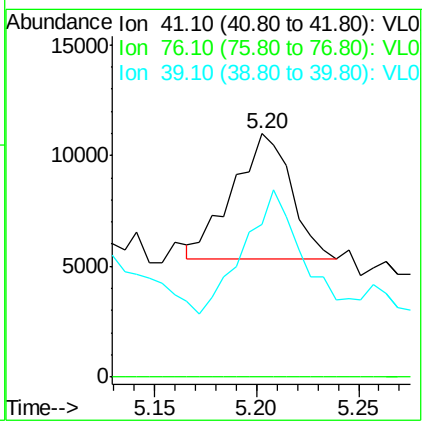


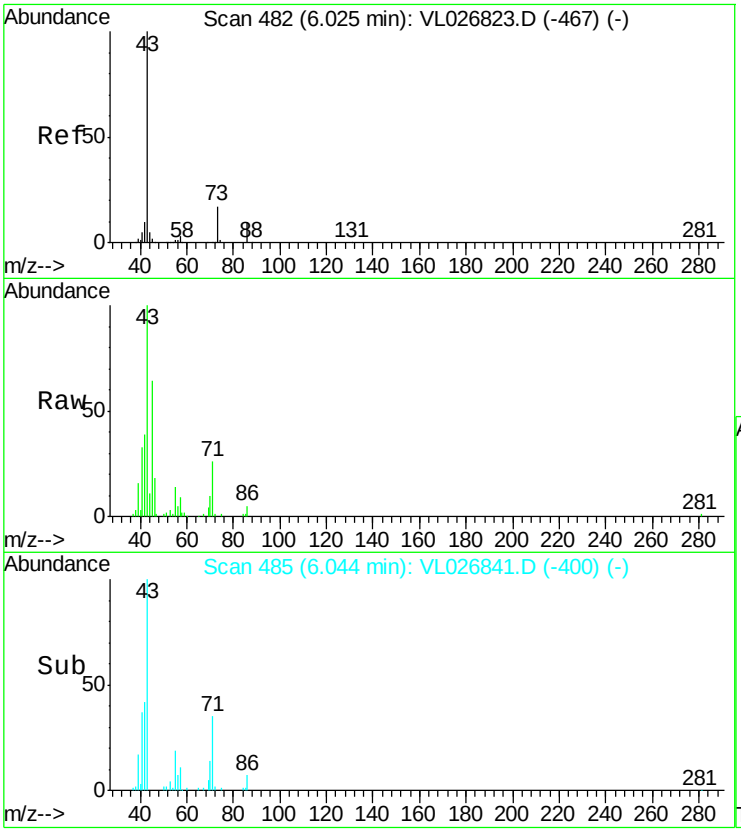


#21
Allyl Chloride
Concen: 0.10 ppbv
RT: 5.20 min Scan# 347
Delta R.T. -0.06 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 41 Resp: 11171

Ion	Ratio	Lower	Upper
41	100		
76	0.0	32.0	48.0#
39	150.3	64.6	96.8#



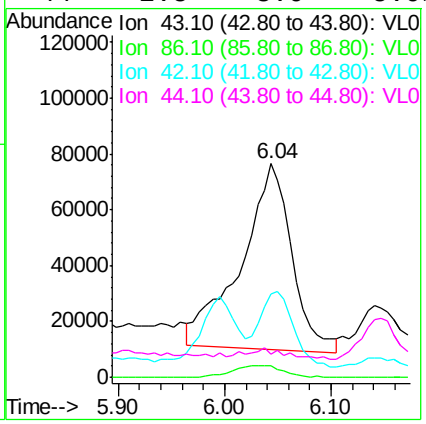


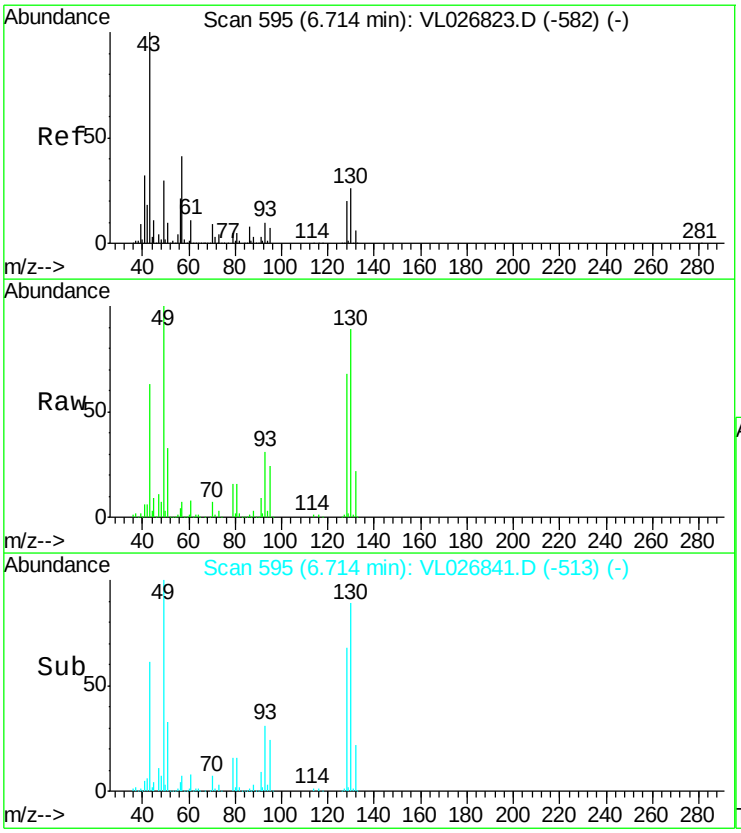
#23
Vinyl Acetate
Concen: 0.89 ppbv
RT: 6.04 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 43 Resp: 222432

Ion	Ratio	Lower	Upper
43	100		
86	6.3	7.7	11.5#
42	41.5	7.8	11.8#
44	2.5	3.9	5.9#

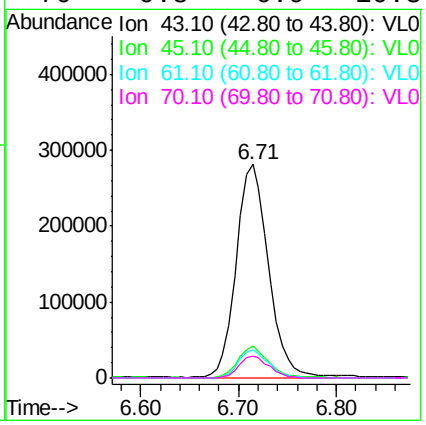


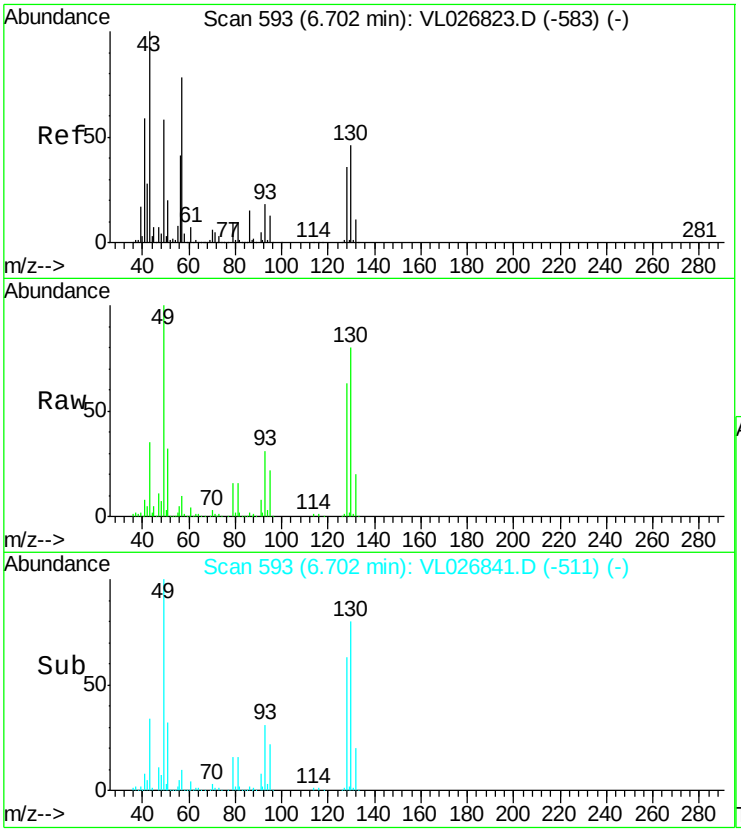


#25
Ethyl Acetate
Concen: 2.33 ppbv
RT: 6.71 min Scan# 595
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 43 Resp: 641222

Ion	Ratio	Lower	Upper
43	100		
45	13.8	7.8	11.8#
61	12.4	7.9	11.9#
70	9.8	6.9	10.3



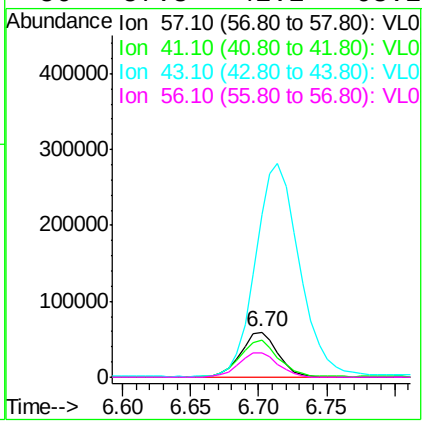


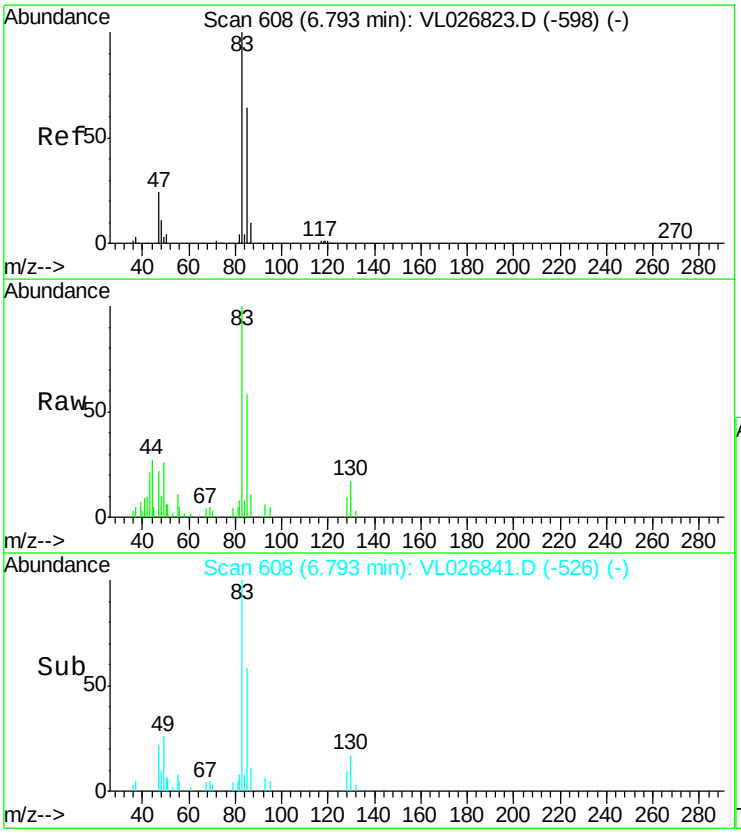
#26
Hexane
Concen: 0.73 ppbv
RT: 6.70 min Scan# 593
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 57 Resp: 113755

Ion	Ratio	Lower	Upper
57	100		
41	91.2	63.3	94.9
43	569.5	151.4	227.2#
56	57.8	42.2	63.2

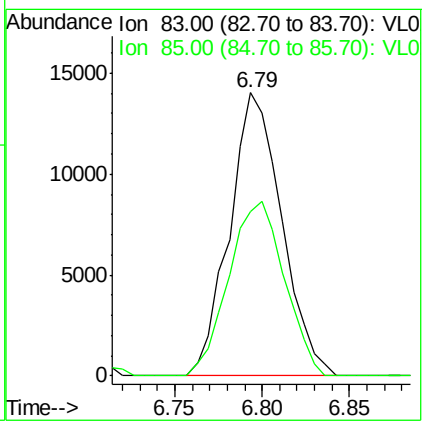


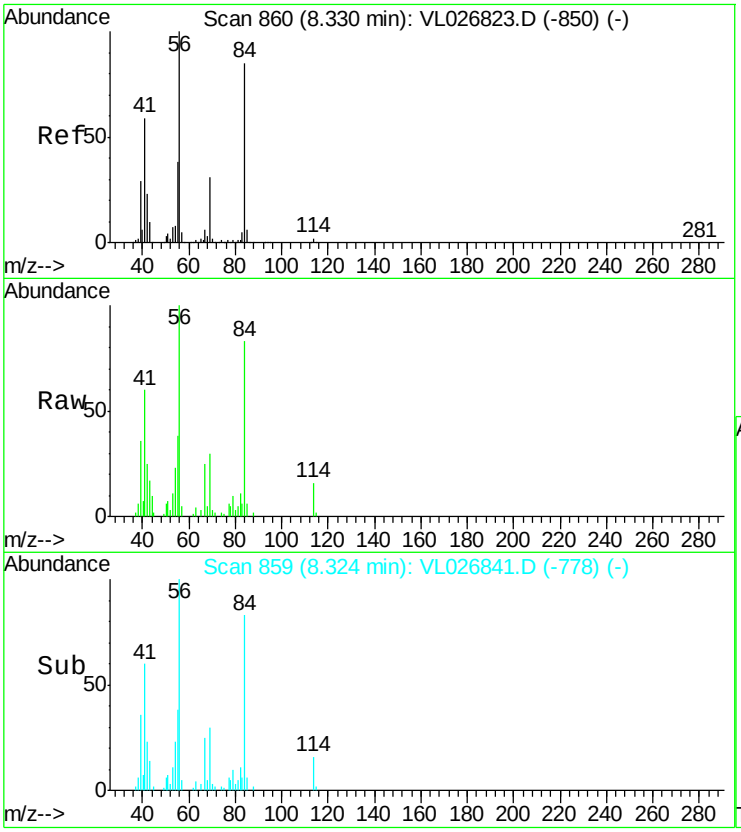


#29
Chloroform
Concen: 0.12 ppbv
RT: 6.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 83 Resp: 29142

Ion	Ratio	Lower	Upper
83	100		
85	57.9	51.5	77.3



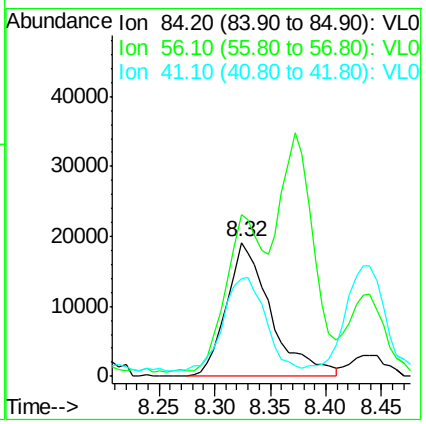


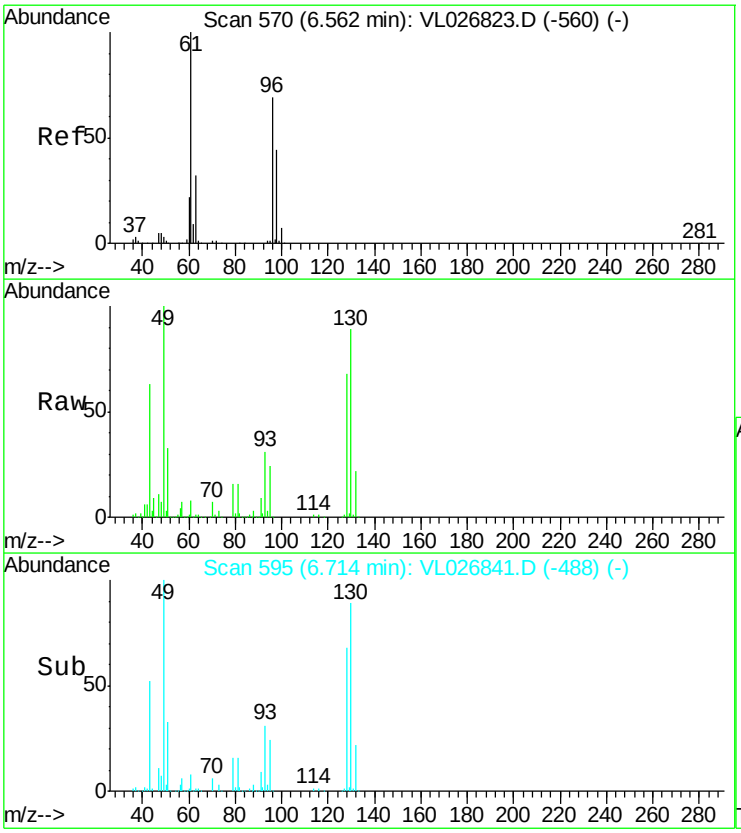
#30
Cyclohexane
Concen: 0.42 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 84 Resp: 53201

Ion	Ratio	Lower	Upper
84	100		
56	293.2	99.4	149.2#
41	73.6	56.7	85.1

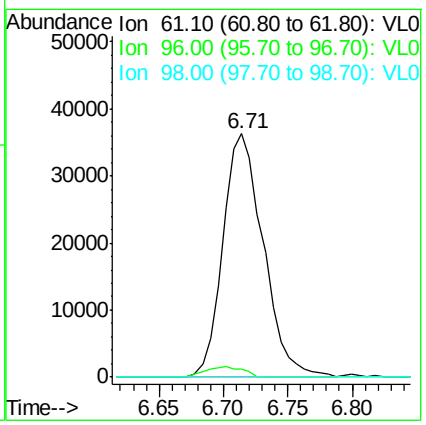


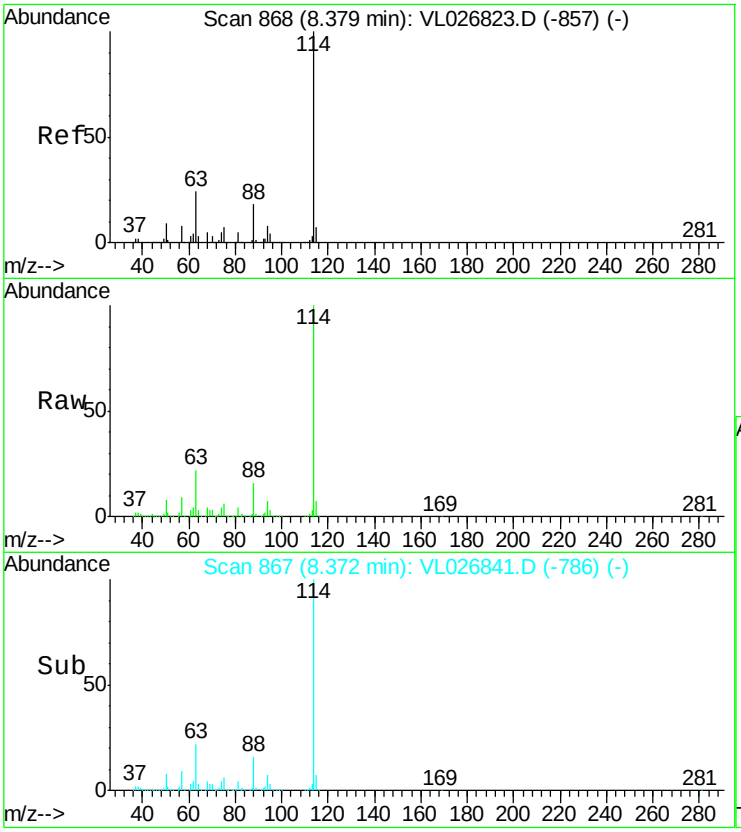


#31
cis-1,2-Dichloroethene
Concen: 0.61 ppbv
RT: 6.71 min Scan# 595
Delta R.T. 0.15 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 61 Resp: 79234

Ion	Ratio	Lower	Upper
61	100		
96	3.2	55.2	82.8#
98	0.0	35.2	52.8#



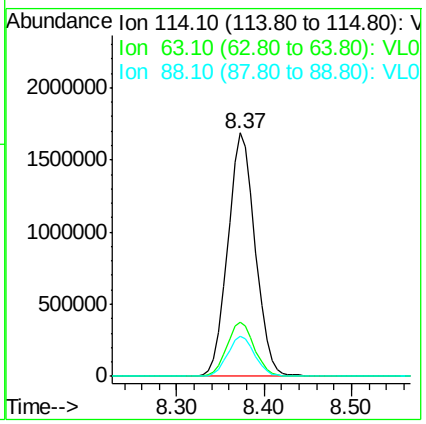


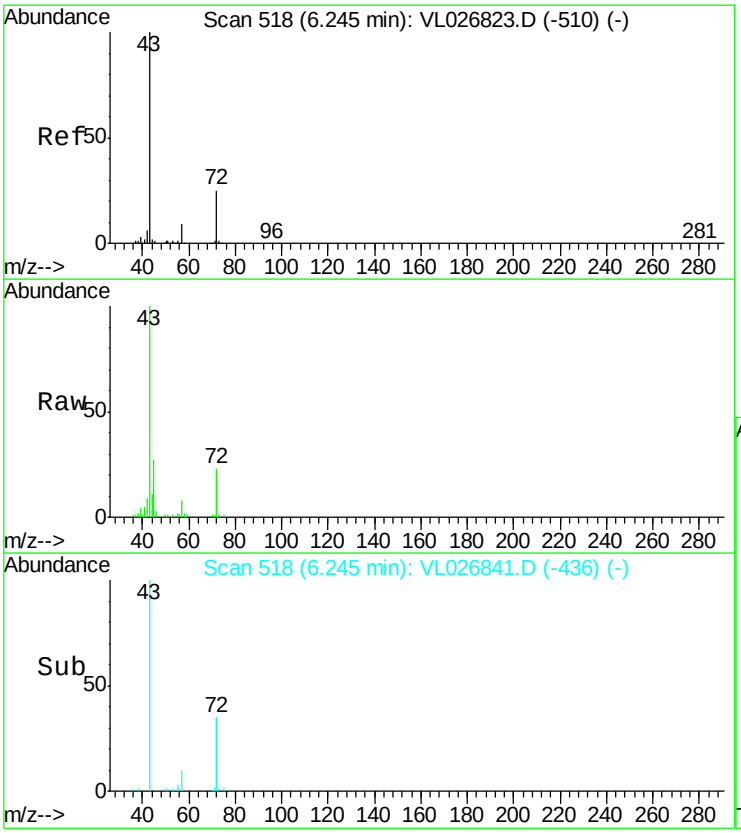
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 867
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-2

Tgt Ion:114 Resp: 3677487

Ion	Ratio	Lower	Upper
114	100		
63	22.3	19.7	29.5
88	16.5	13.8	20.6

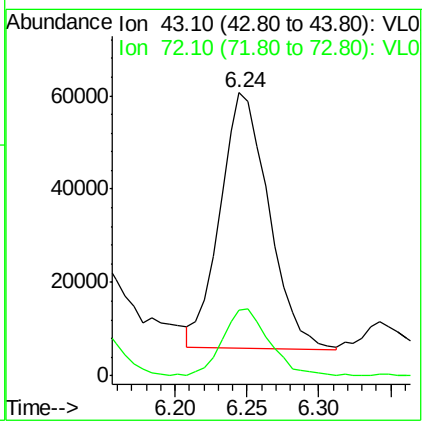


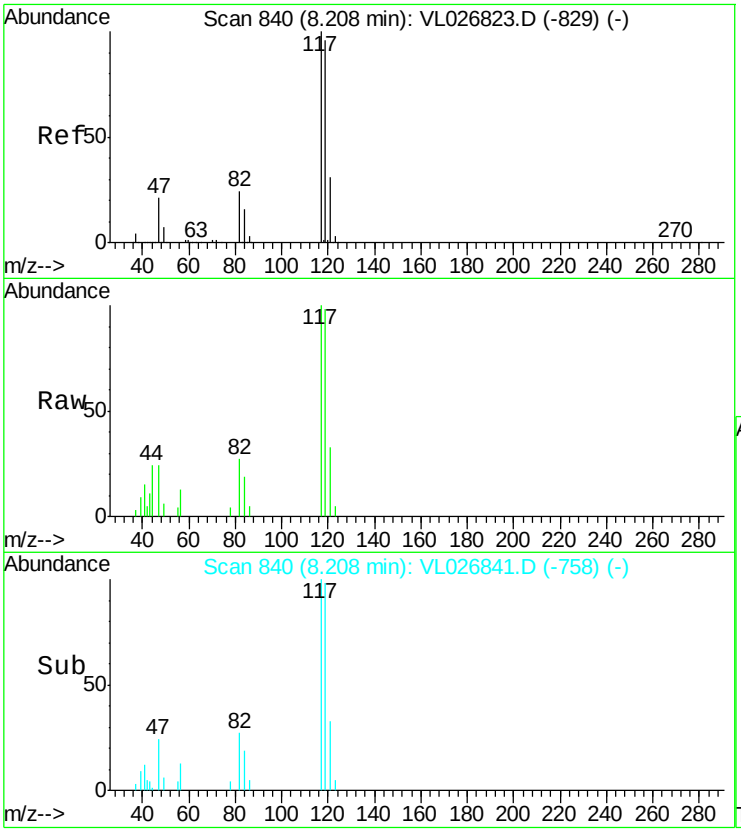


#34
2-Butanone
Concen: 0.72 ppbv
RT: 6.24 min Scan# 518
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 43 Resp: 129343

Ion	Ratio	Lower	Upper
43	100		
72	25.7	19.8	29.8



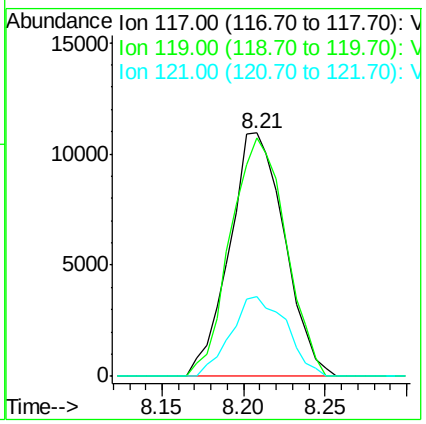


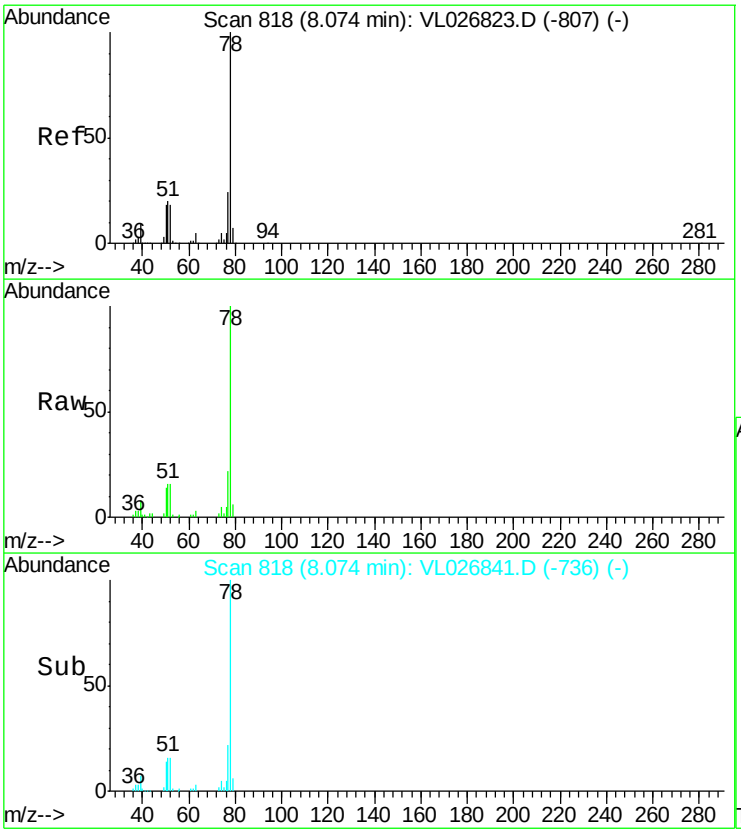
#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 8.21 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion:117 Resp: 25770

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	115.0
121	32.7	25.0	37.4

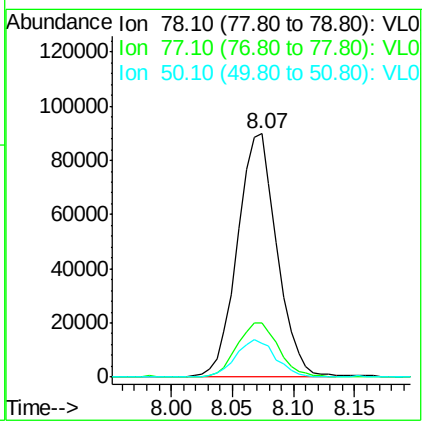


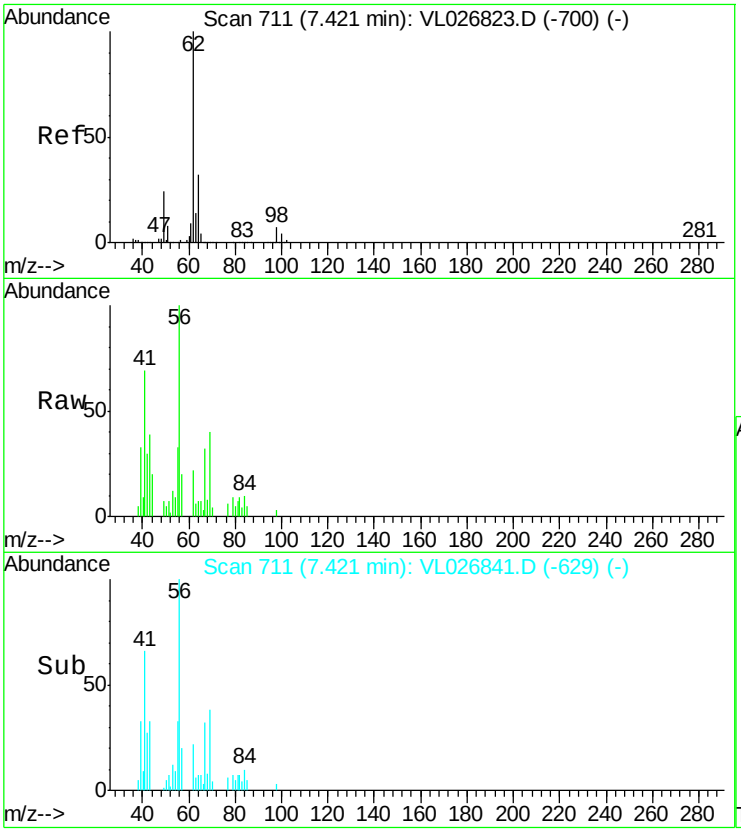


#36
Benzene
Concen: 0.69 ppbv
RT: 8.07 min Scan# 818
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 78 Resp: 202486

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.6
50	14.0	14.2	21.4#



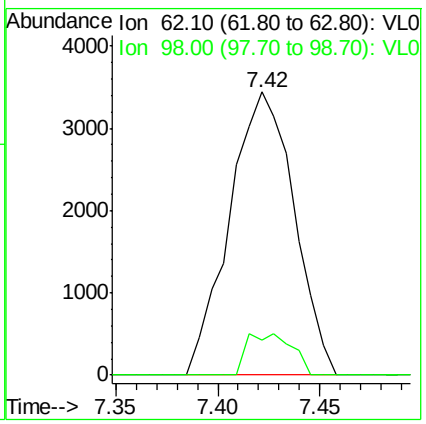


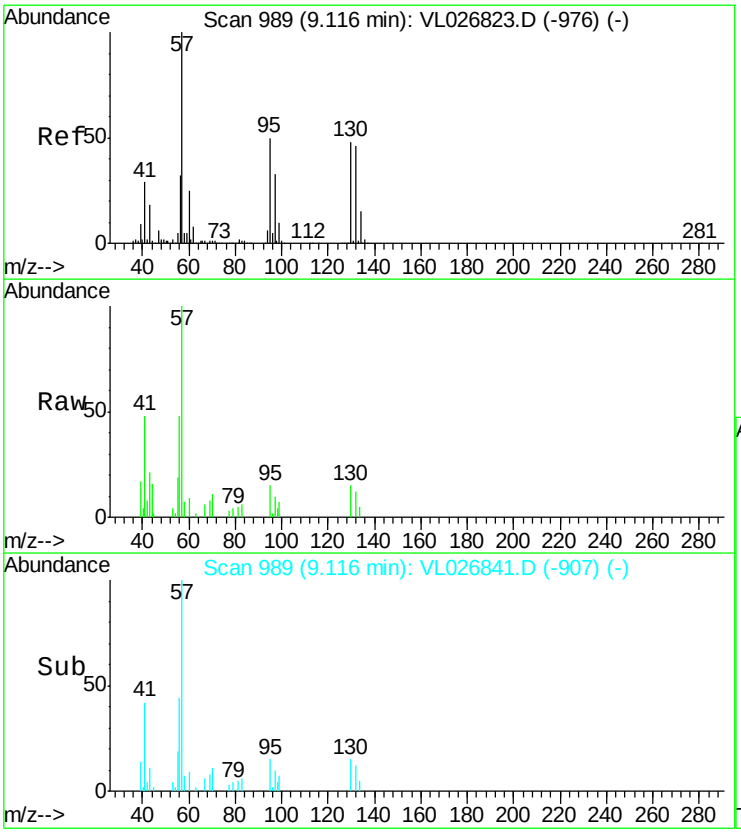
#37
1,2-Dichloroethane
Concen: 0.04 ppbv
RT: 7.42 min Scan# 711
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 62 Resp: 7574

Ion	Ratio	Lower	Upper
62	100		
98	10.2	5.4	8.2#

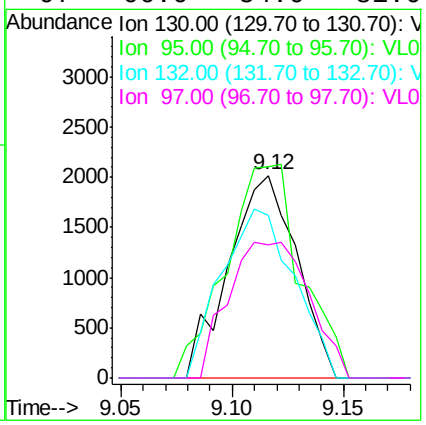


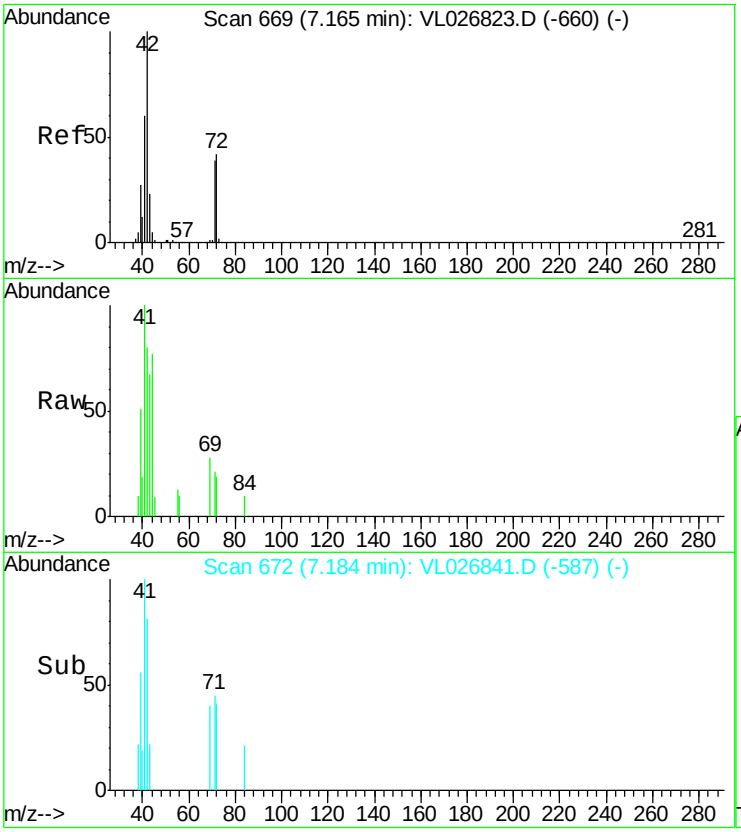


#38
Trichloroethene
Concen: 0.03 ppbv
RT: 9.12 min Scan# 989
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:130 Resp: 4285

Ion	Ratio	Lower	Upper
130	100		
95	88.4	83.0	124.6
132	80.0	76.0	114.0
97	66.0	54.0	81.0



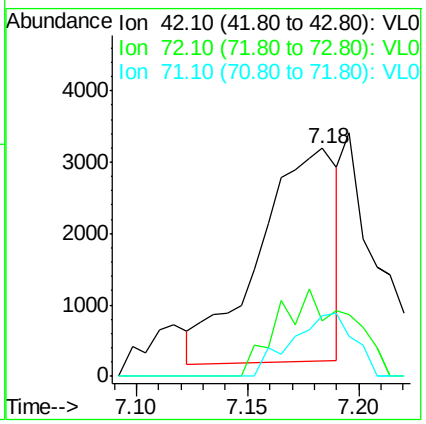


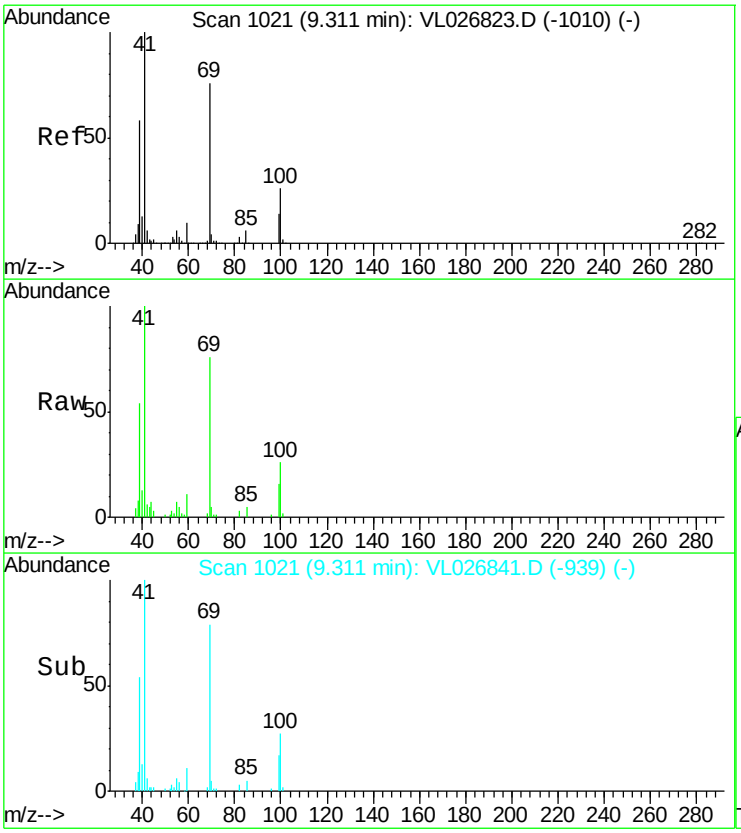
#41
Tetrahydrofuran
Concen: 0.08 ppbv
RT: 7.18 min Scan# 672
Delta R.T. 0.02 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 42 Resp: 7252

Ion	Ratio	Lower	Upper
42	100		
72	37.8	33.4	50.0
71	23.4	32.1	48.1#

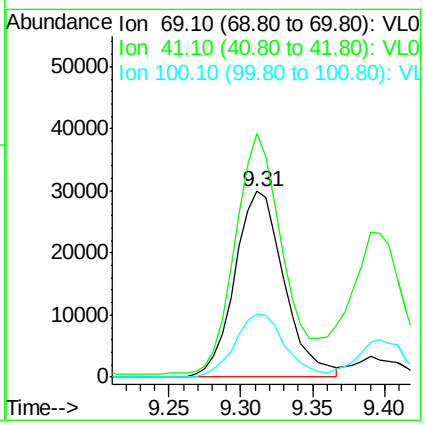


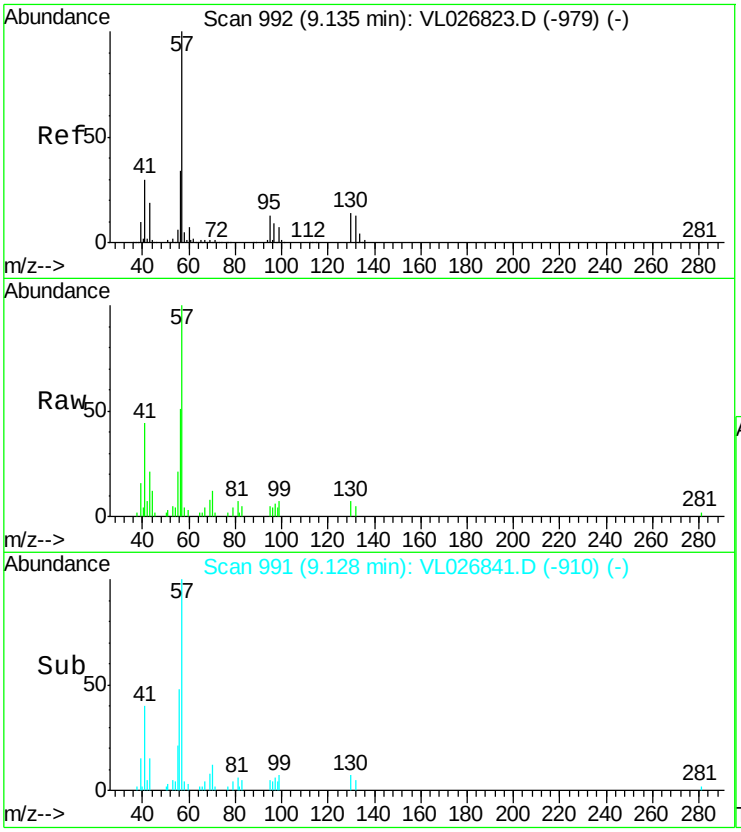


#43
Methyl Methacrylate
Concen: 0.70 ppbv
RT: 9.31 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 69 Resp: 71138

Ion	Ratio	Lower	Upper
69	100		
41	126.0	106.5	159.7
100	34.2	27.2	40.8



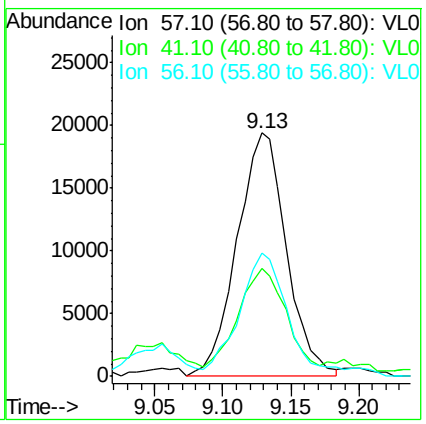


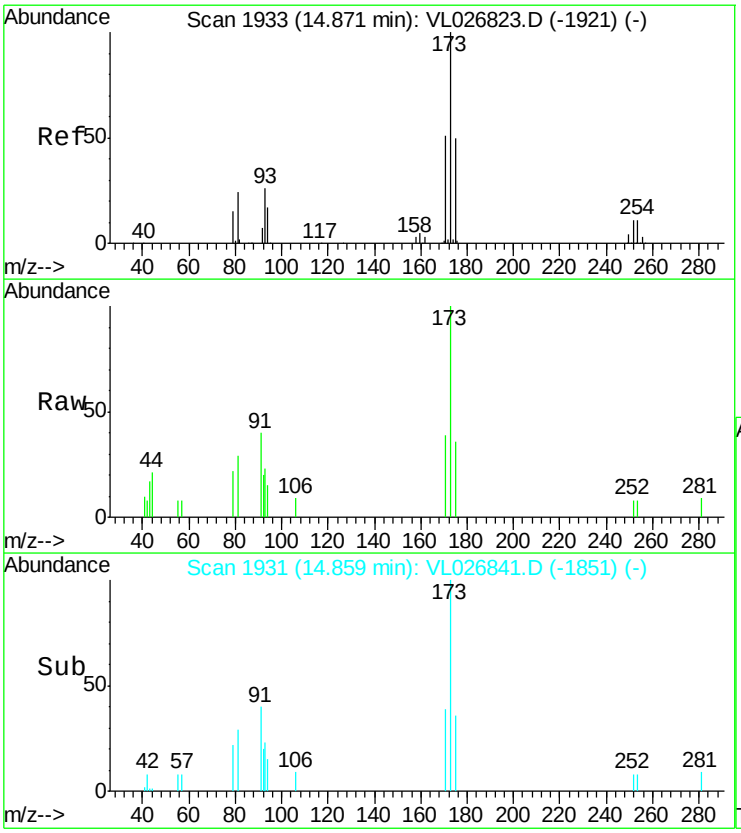
#44
2,2,4-Trimethylpentane
Concen: 0.10 ppbv
RT: 9.13 min Scan# 991
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 57 Resp: 49175

Ion	Ratio	Lower	Upper
57	100		
41	43.2	23.2	34.8#
56	51.3	26.2	39.4#

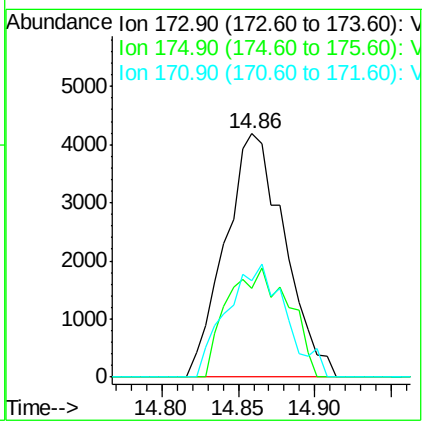


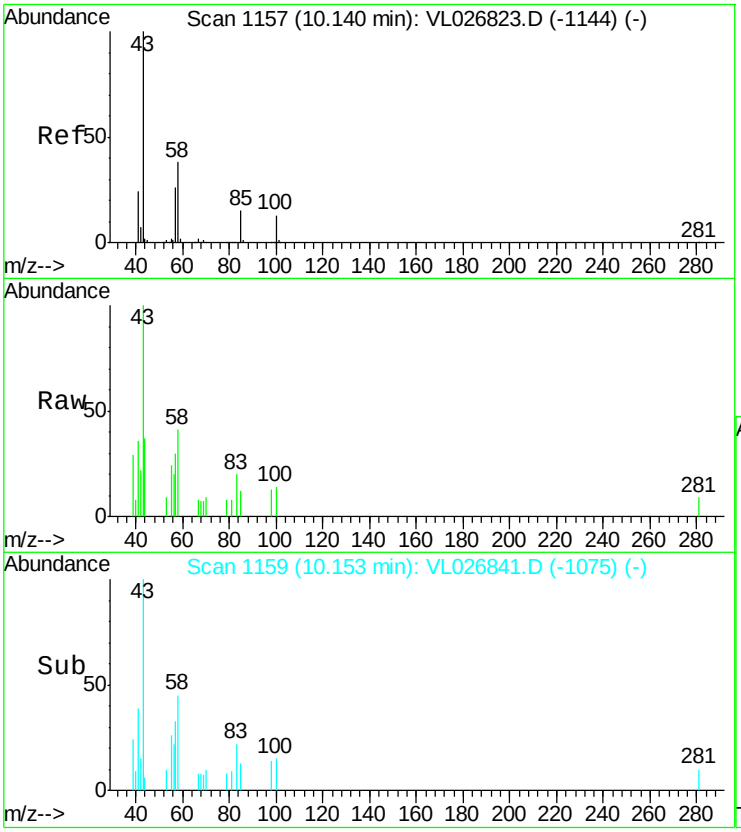


#49
Bromoform
Concen: 0.08 ppbv
RT: 14.86 min Scan# 1931
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:173 Resp: 11287

Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.2	58.8
171	46.0	41.4	62.0



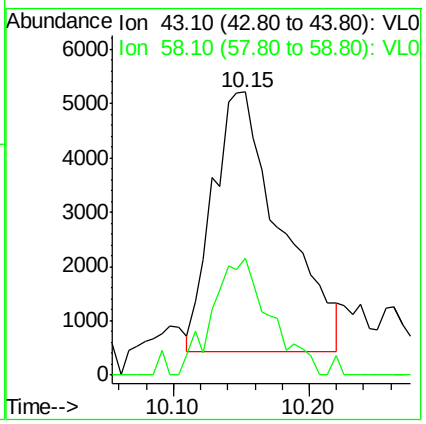


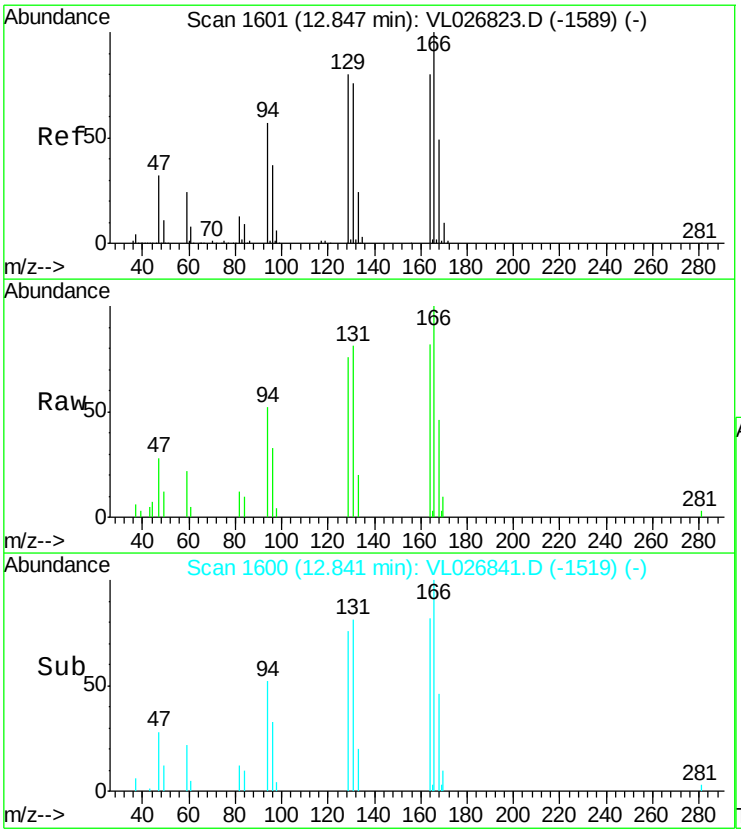
#50
4-Methyl-2-Pentanone
Concen: 0.08 ppbv
RT: 10.15 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 43 Resp: 16590

Ion	Ratio	Lower	Upper
43	100		
58	40.1	30.3	45.5

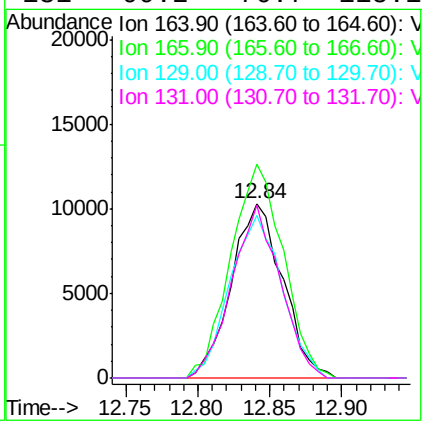


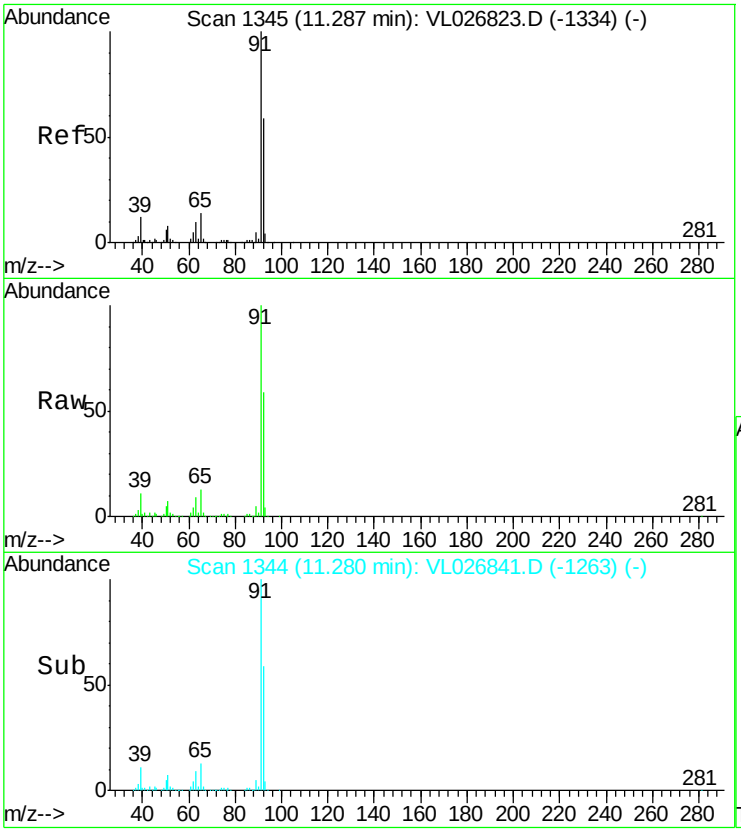


#52
Tetrachloroethene
Concen: 0.22 ppbv
RT: 12.84 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:164 Resp: 25515

Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.3	150.5
129	93.2	80.0	120.0
131	99.2	76.7	115.1



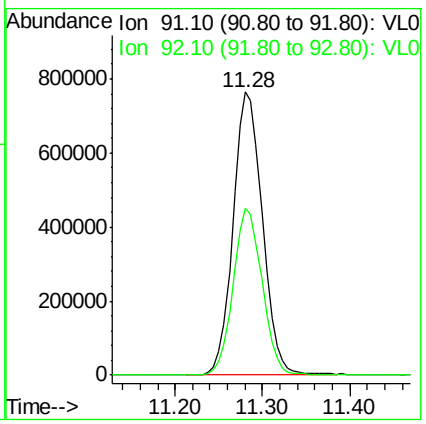


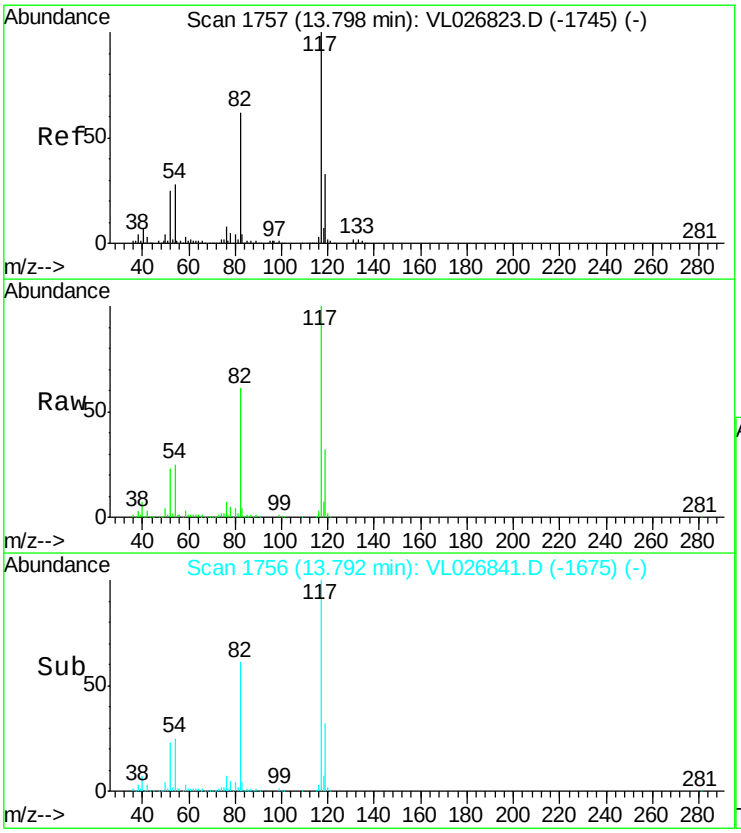
#53
Toluene
Concen: 5.43 ppbv
RT: 11.28 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 91 Resp: 1782708

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.3	70.9

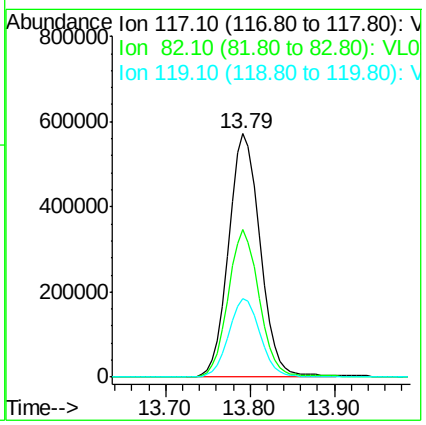


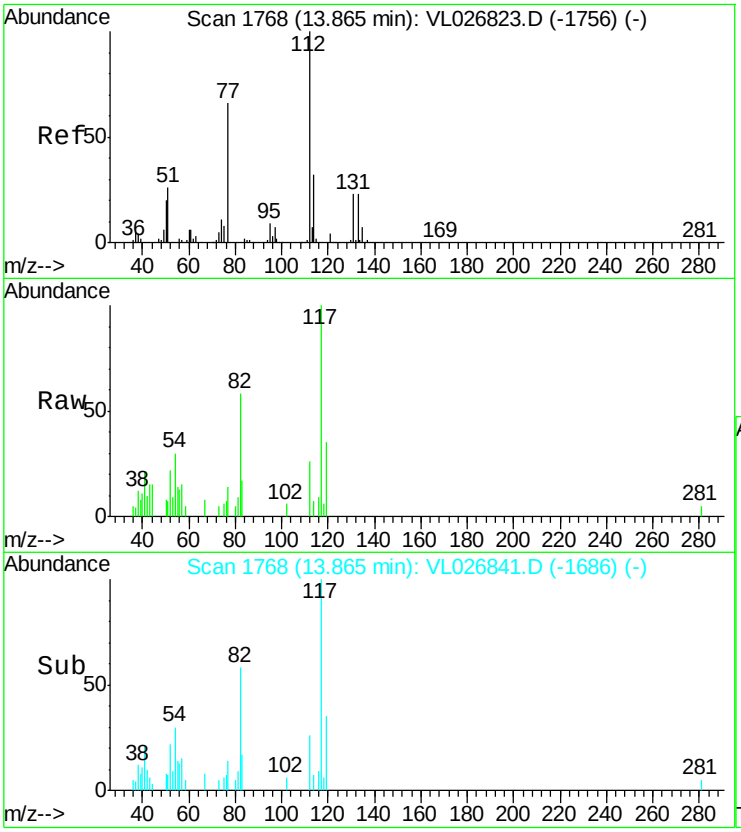


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:117 Resp: 1455152

Ion	Ratio	Lower	Upper
117	100		
82	60.7	51.9	77.9
119	32.5	48.5	72.7#



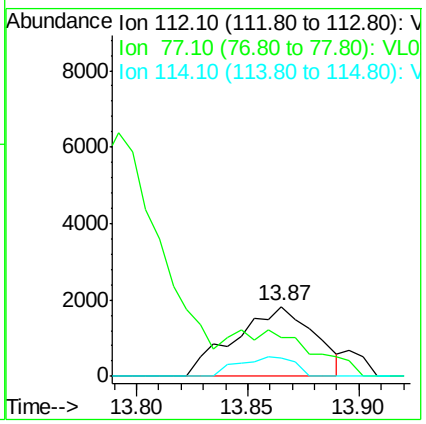


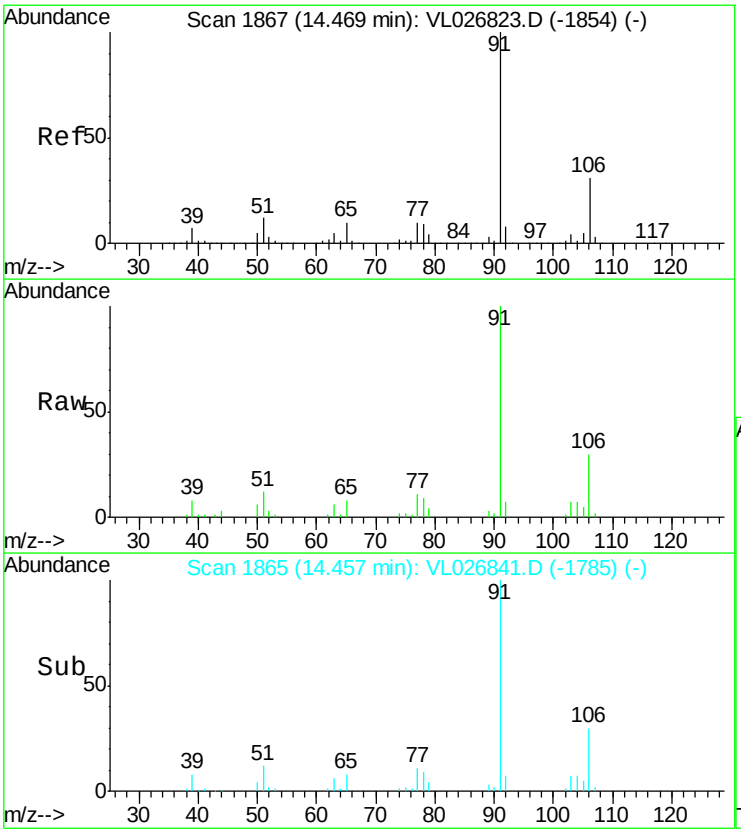
#57
Chlorobenzene
Concen: 0.04 ppbv
RT: 13.87 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion:112 Resp: 4486

Ion	Ratio	Lower	Upper
112	100		
77	27.1	53.3	79.9#
114	25.7	28.9	35.3#

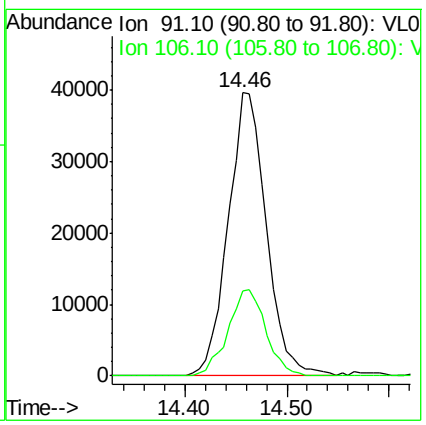


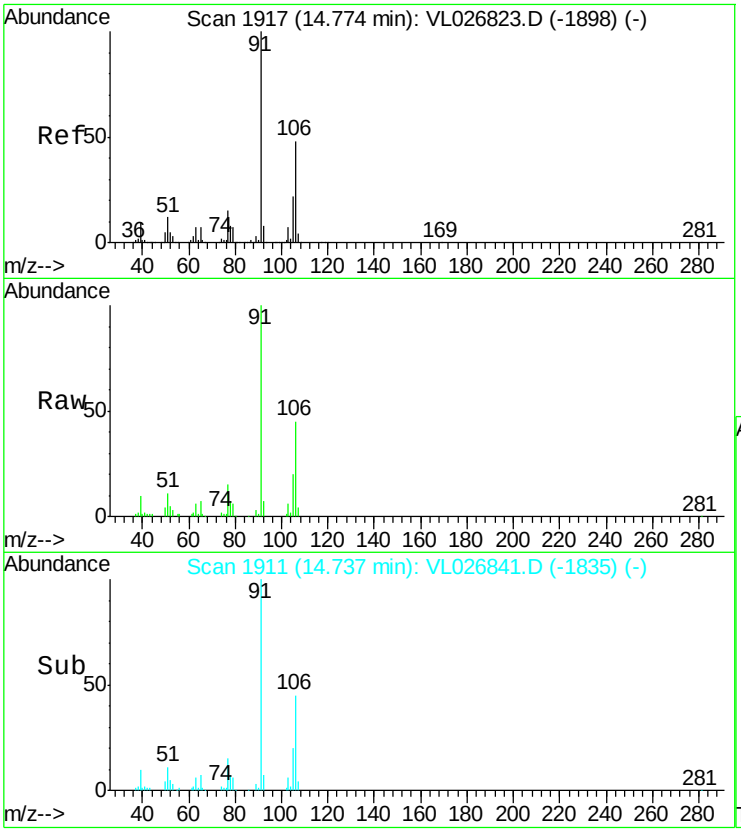


#58
Ethyl Benzene
Concen: 0.59 ppbv
RT: 14.46 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 91 Resp: 102741

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.9	37.3



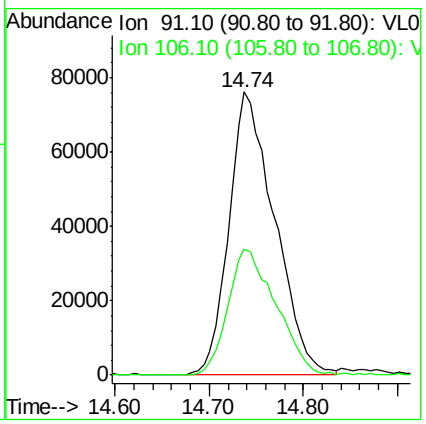


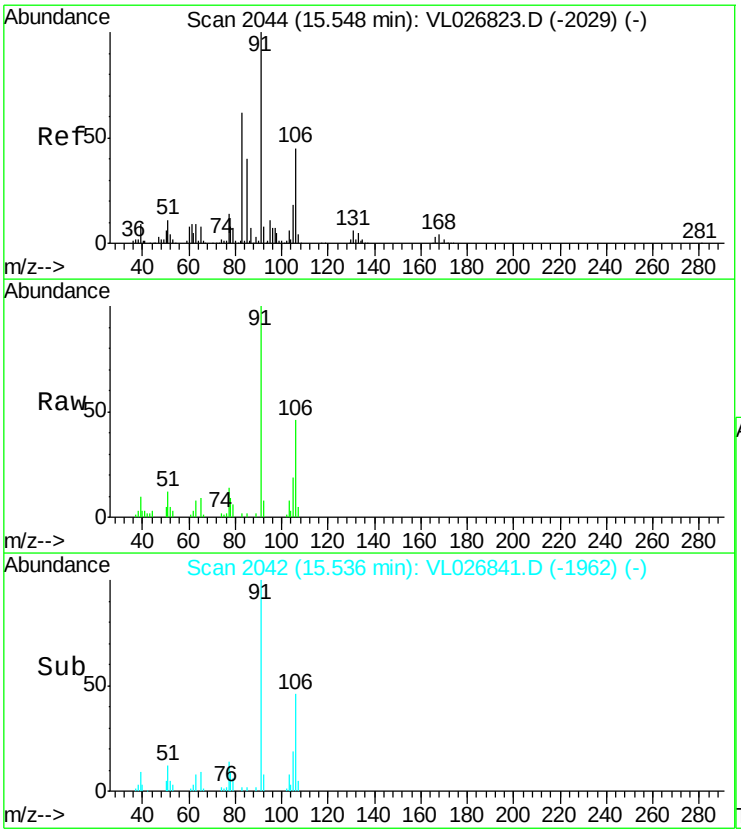
#59
m/p-Xylene
Concen: 1.72 ppbv
RT: 14.74 min Scan# 1911
Delta R.T. -0.04 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 91 Resp: 258073

Ion	Ratio	Lower	Upper
91	100		
106	47.0	38.2	57.2

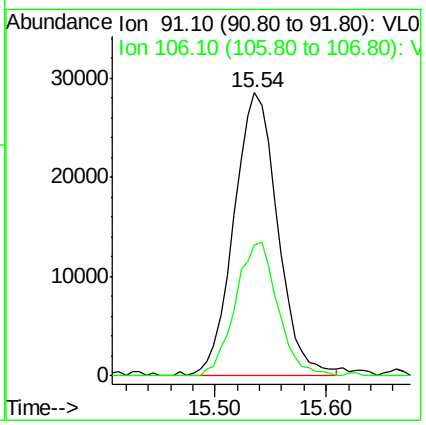


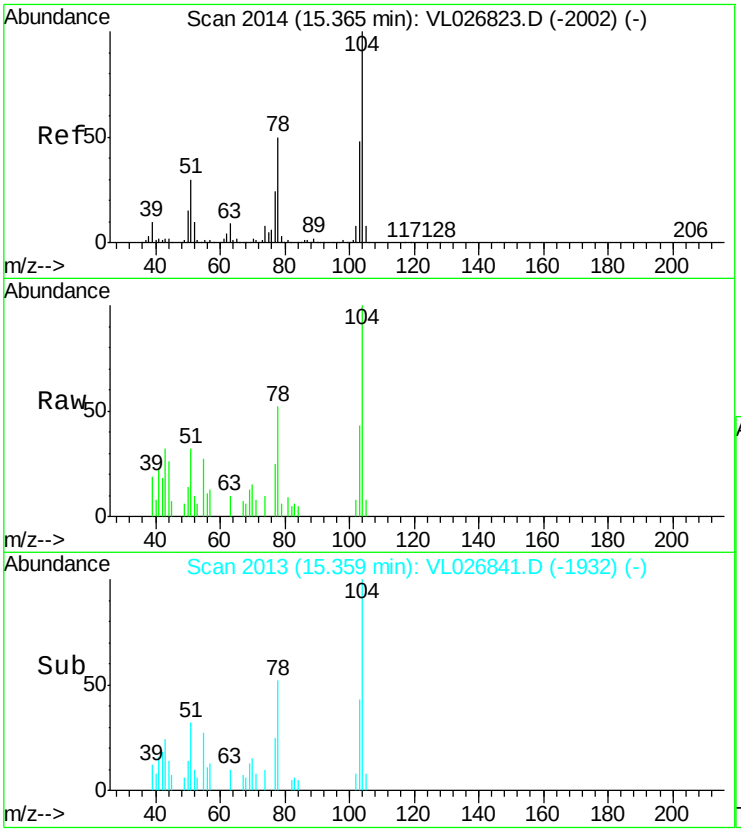


#60
o-Xylene
Concen: 0.48 ppbv
RT: 15.54 min Scan# 2042
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion: 91 Resp: 78301

Ion	Ratio	Lower	Upper
91	100		
106	45.7	22.3	66.8



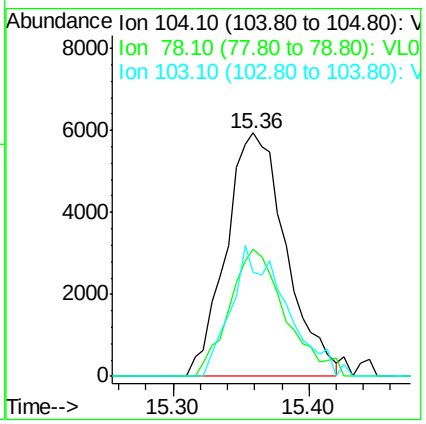


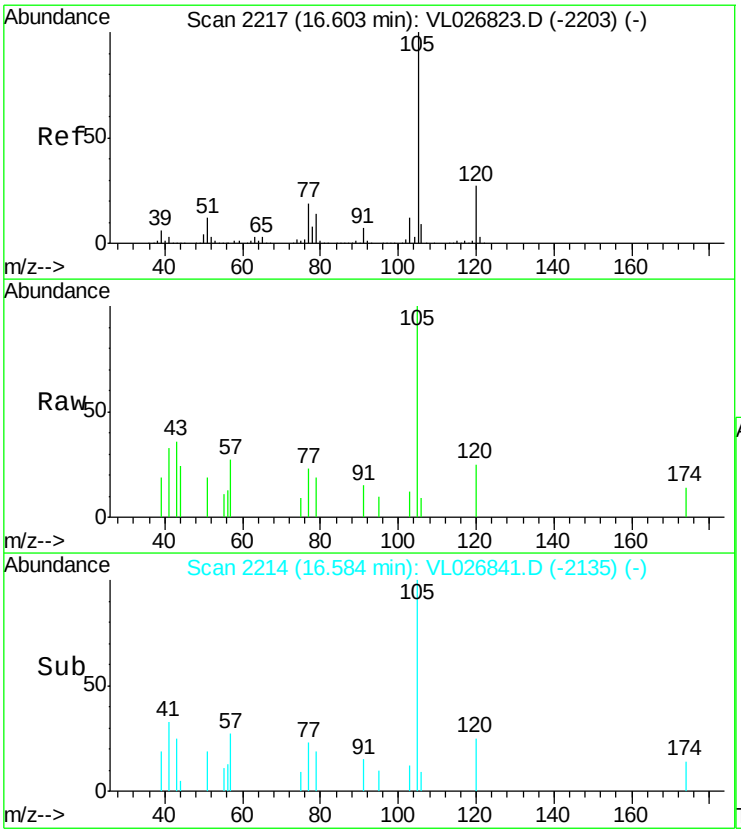
#61
Styrene
Concen: 0.33 ppbv
RT: 15.36 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion:104 Resp: 18247

Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.8	59.6
103	48.9	38.2	57.4

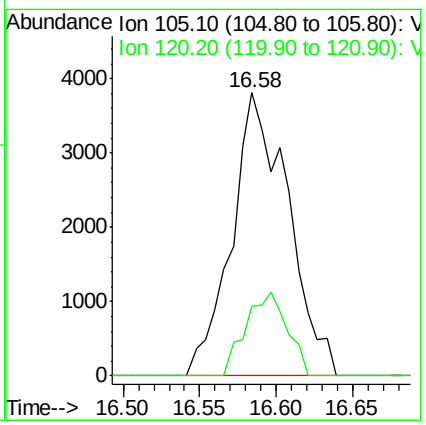


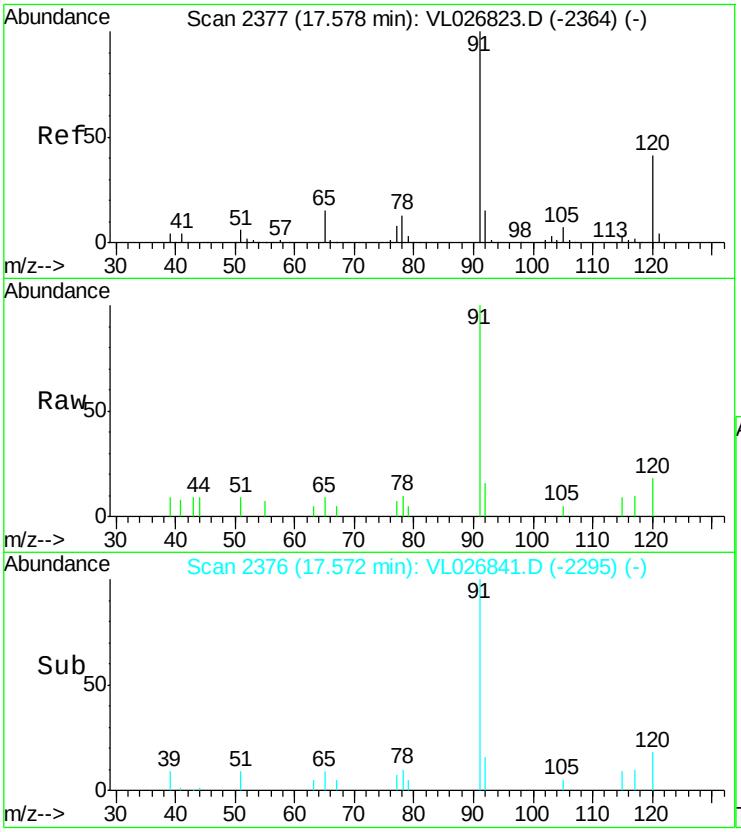


#62
Isopropylbenzene
Concen: 0.05 ppbv
RT: 16.58 min Scan# 2214
Delta R.T. -0.02 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:105 Resp: 9768

Ion	Ratio	Lower	Upper
105	100		
120	21.7	21.0	31.4



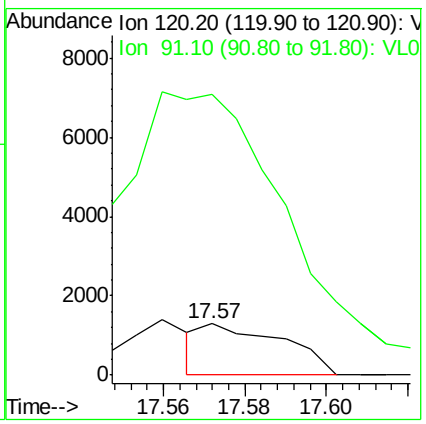


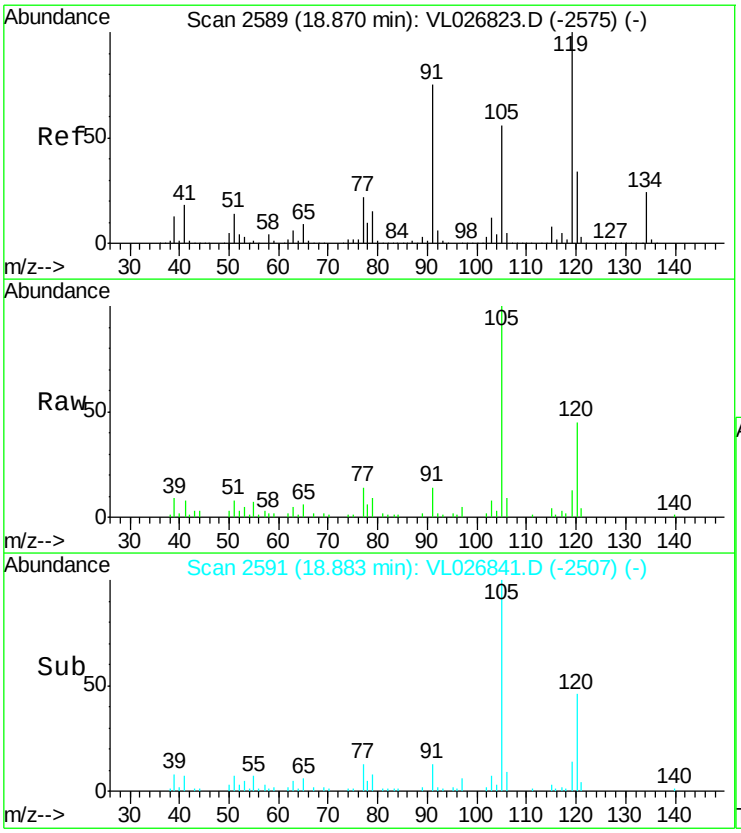
#64
n-propylbenzene
Concen: 0.04 ppbv
RT: 17.57 min Scan# 2376
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-2

Tgt Ion:120 Resp: 1788

Ion	Ratio	Lower	Upper
120	100		
91	0.0	363.0	544.6#

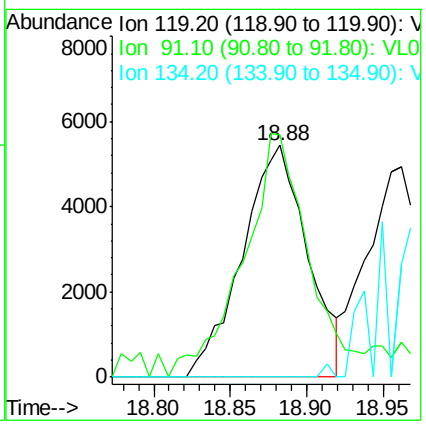


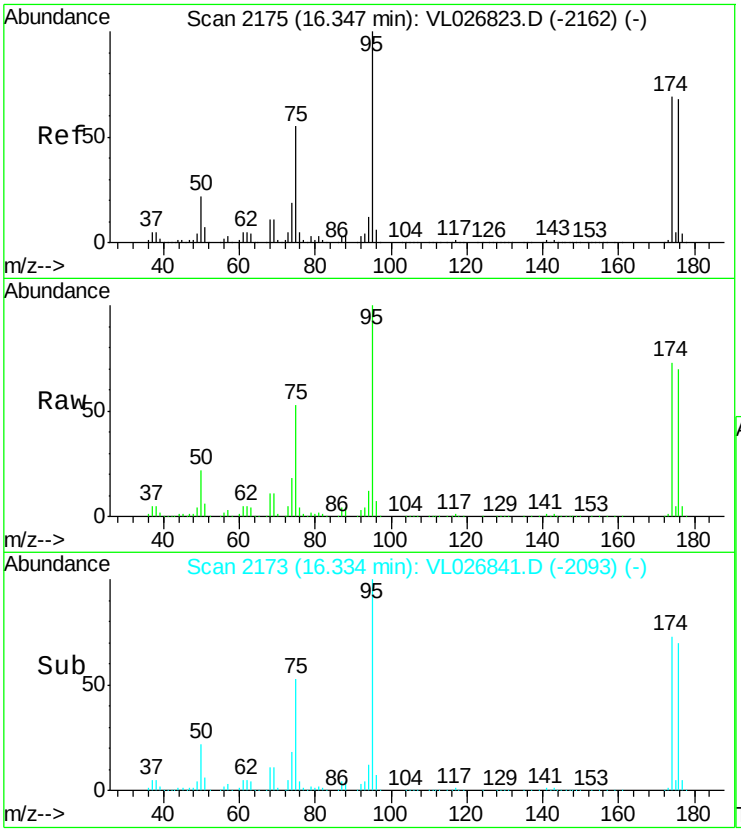


#65
tert-Butylbenzene
Concen: 0.09 ppbv
RT: 18.88 min Scan# 2591
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:119 Resp: 16169

Ion	Ratio	Lower	Upper
119	100		
91	121.3	61.5	92.3#
134	0.0	17.9	26.9#



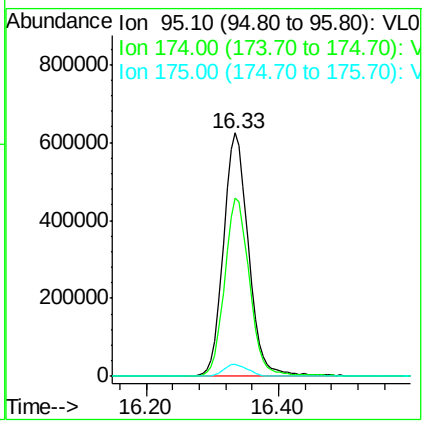


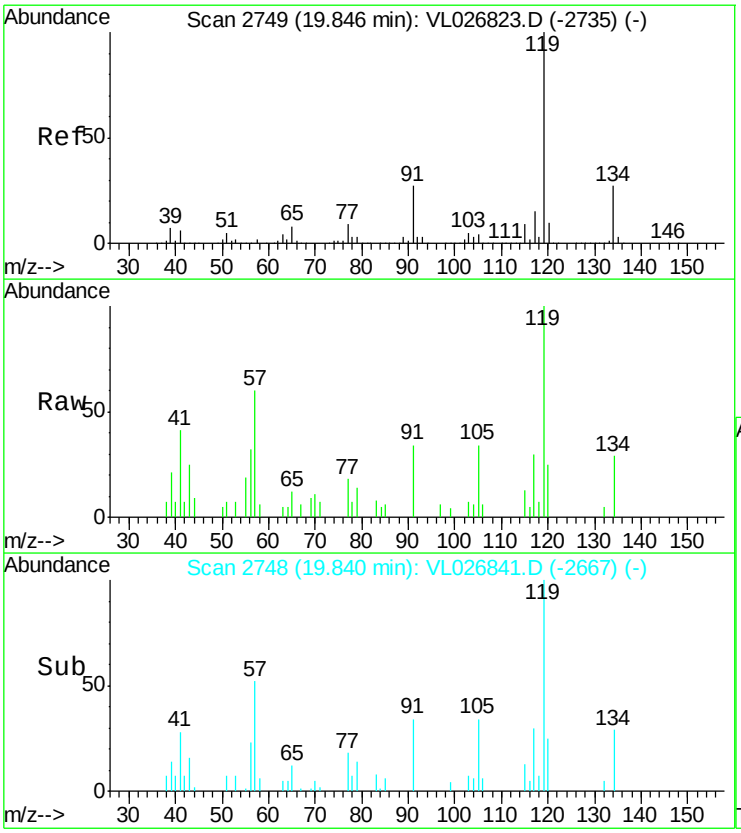
#68
1-Bromo-4-Fluorobenzene
Concen: 15.72 ppbv
RT: 16.33 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 95 Resp: 1642157

Ion	Ratio	Lower	Upper
95	100		
174	73.5	55.6	83.4
175	4.9	3.9	5.9

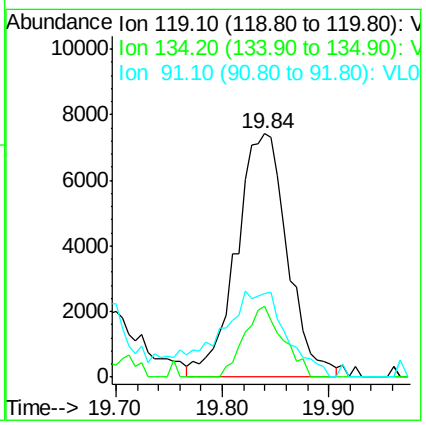


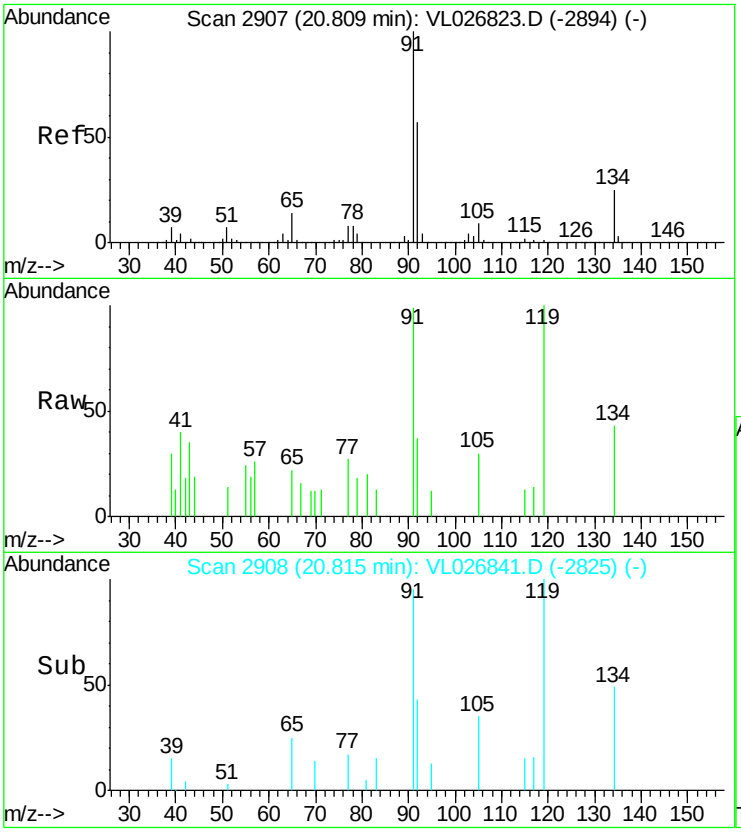


#69
p-Isopropyltoluene
Concen: 0.13 ppbv
RT: 19.84 min Scan# 2748
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:119 Resp: 24969

Ion	Ratio	Lower	Upper
119	100		
134	22.0	21.3	31.9
91	48.3	21.5	32.3#



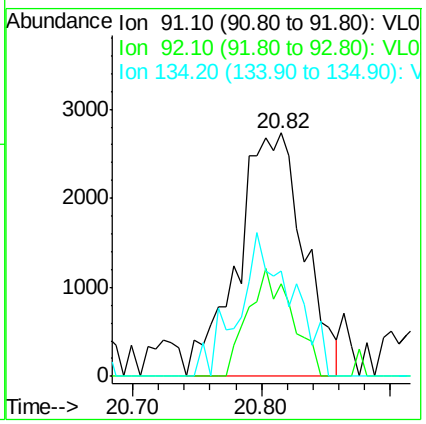


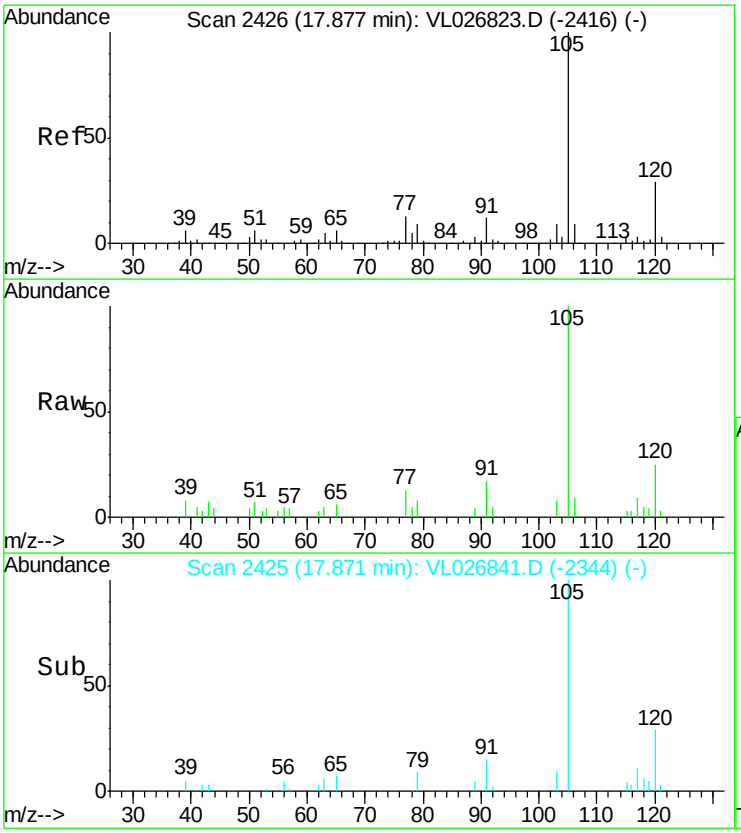
#70
n-Butylbenzene
Concen: 0.05 ppbv
RT: 20.82 min Scan# 2908
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion: 91 Resp: 9696

Ion	Ratio	Lower	Upper
91	100		
92	29.2	44.2	66.4#
134	47.8	19.3	28.9#

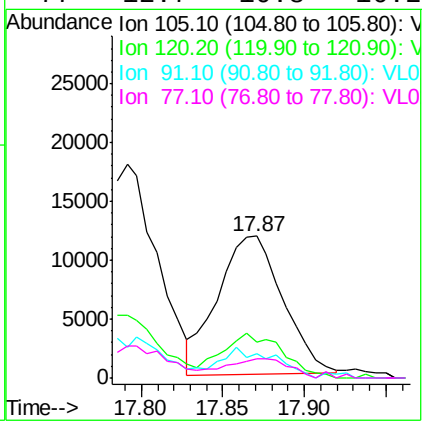


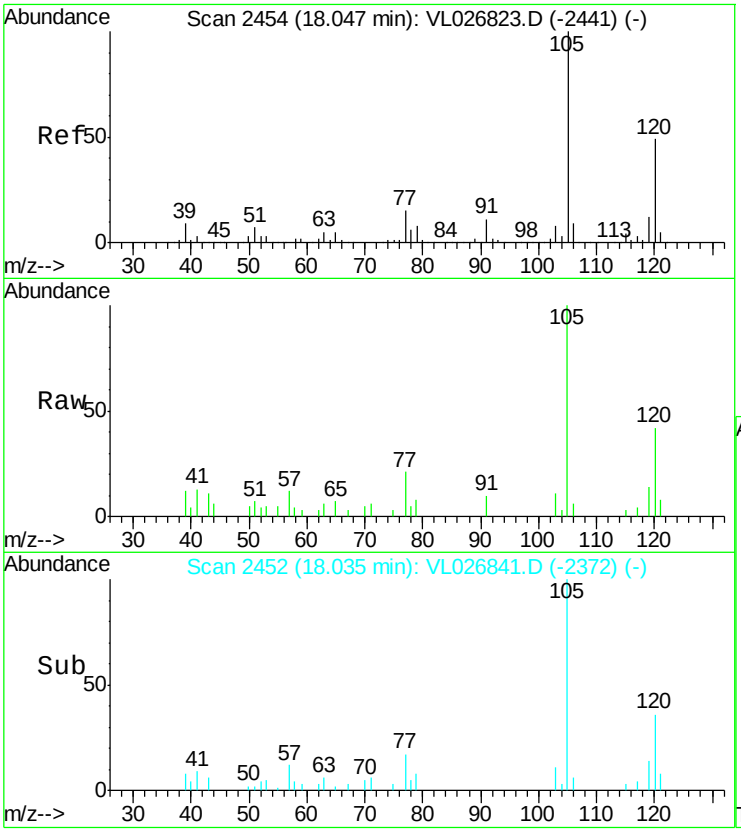


#72
4-Ethyltoluene
Concen: 0.22 ppbv
RT: 17.87 min Scan# 2425
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:105 Resp: 32995

Ion	Ratio	Lower	Upper
105	100		
120	31.0	23.8	35.6
91	20.1	10.2	15.4#
77	12.7	10.8	16.2



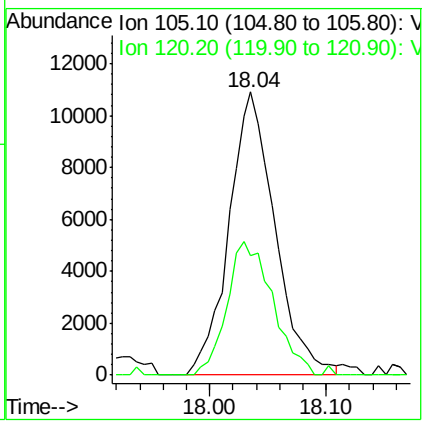


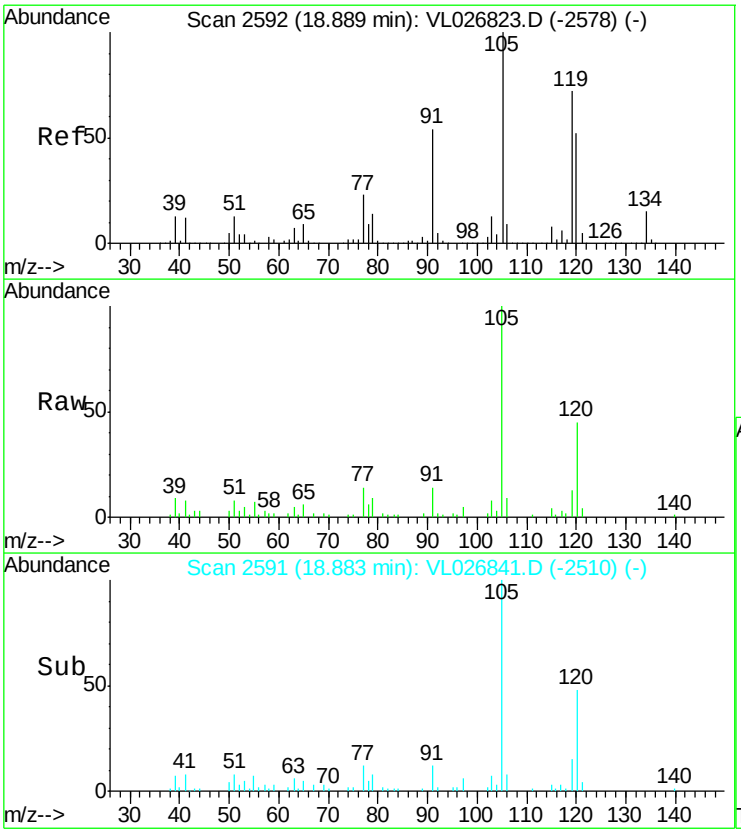
#73
1,3,5-Trimethylbenzene
Concen: 0.20 ppbv
RT: 18.04 min Scan# 2452
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-2

Tgt Ion:105 Resp: 30056

Ion	Ratio	Lower	Upper
105	100		
120	42.0	39.4	59.0

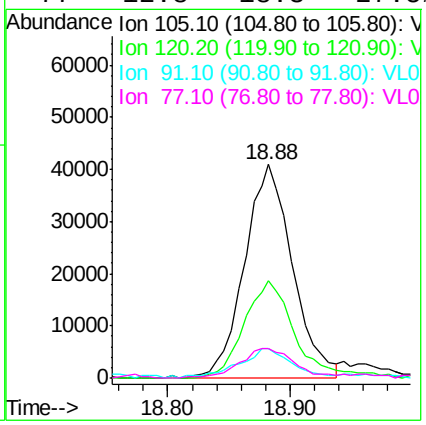


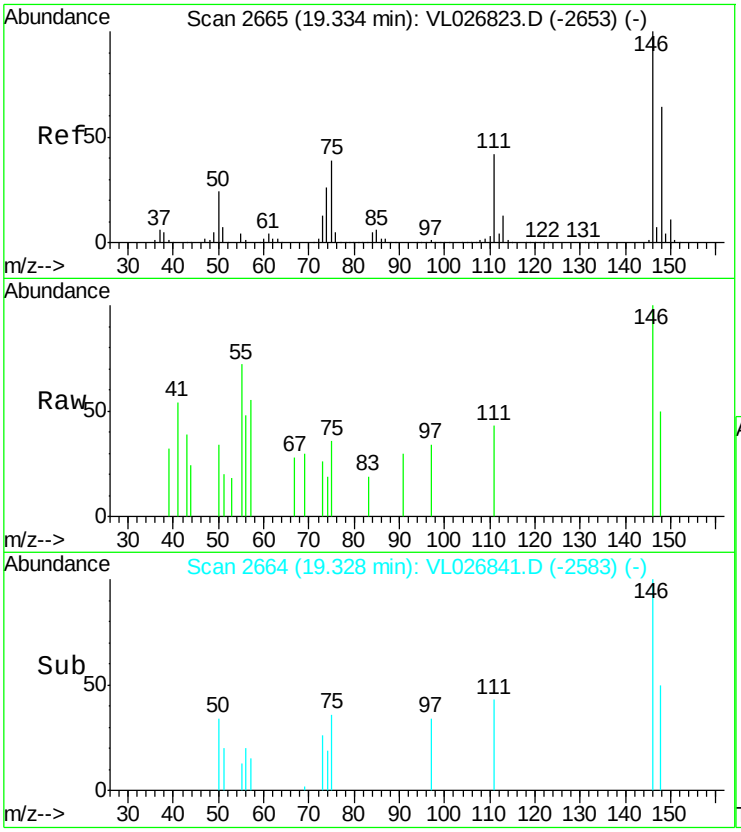


#74
1,2,4-Trimethylbenzene
Concen: 0.67 ppbv
RT: 18.88 min Scan# 2591
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:105 Resp: 111580

Ion	Ratio	Lower	Upper
105	100		
120	45.3	41.3	61.9
91	12.8	43.3	64.9#
77	12.8	18.3	27.5#



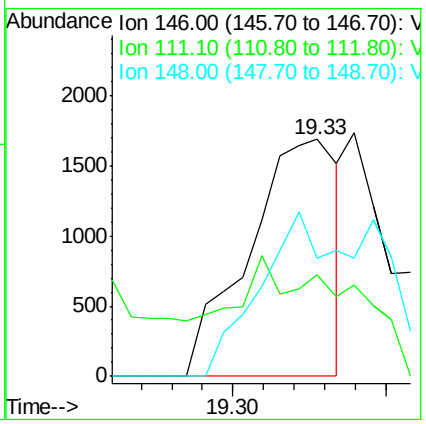


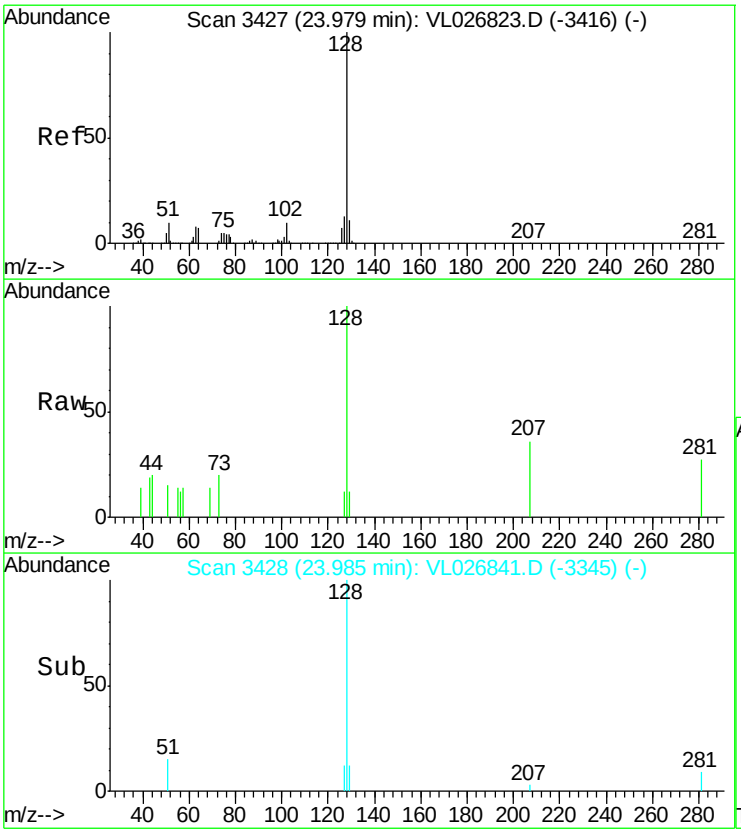
#76
1,4-Dichlorobenzene
Concen: 0.03 ppbv
RT: 19.33 min Scan# 2664
Delta R.T. -0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument : MSVOA_L
ClientSampleId : IAS-2

Tgt Ion:146 Resp: 3423

Ion	Ratio	Lower	Upper
146	100		
111	74.9	21.6	64.8#
148	97.1	32.2	96.6#

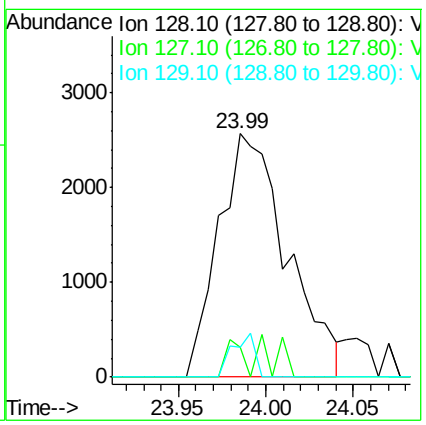


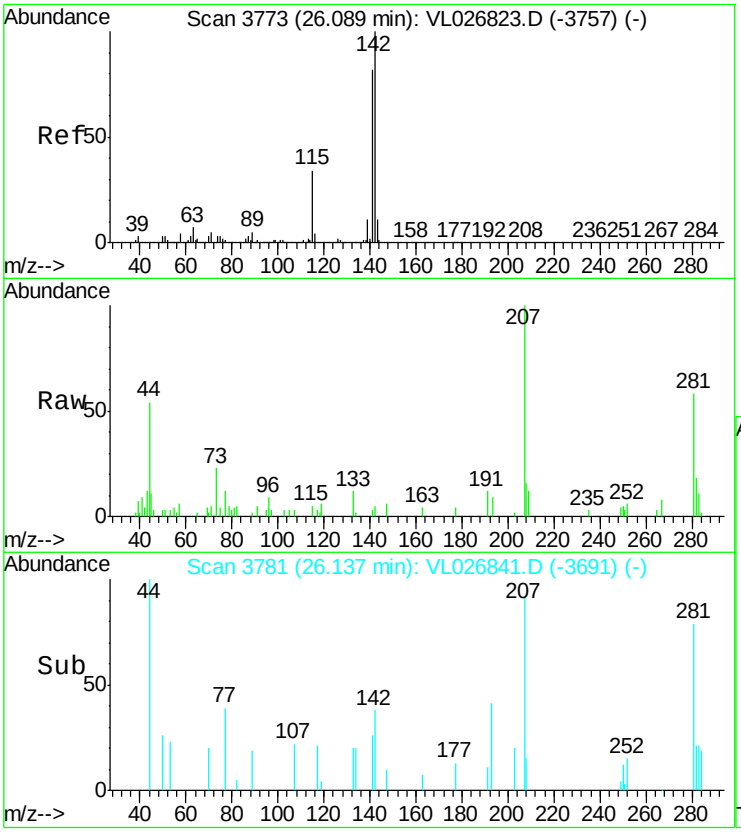


#79
Naphthalene
Concen: 0.09 ppbv
RT: 23.99 min Scan# 3428
Delta R.T. 0.01 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Tgt Ion:128 Resp: 6998

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.0	15.0
129	12.2	8.7	13.1





#80
Naphthalene,2-methyl-
Concen: 0.04 ppbv
RT: 26.14 min Scan# 3781
Delta R.T. 0.05 min
Lab File: VL026841.D
Acq: 10 Feb 2016 5:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-2

Tgt Ion:142 Resp: 1405

Ion	Ratio	Lower	Upper
142	100		
141	72.7	67.2	100.8
115	77.9	27.5	41.3#