Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026840.D
Acq On : 10 Feb 2016 4:52
Operator : SY/AP
Sample : H1388-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Quant Time: Feb 10 06:07:32 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	6.69	49	1710801	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.37	114	4808569	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.79	117	4613614	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.33	95	3262337	9.85	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.67	85	22451	0.06	ppbv		97
3) Chlorodifluoromethane	3.60	51	436949	1.57	ppbv		93
4) Chloromethane	3.78	50	6830	0.06	ppbv		98
5) Vinyl Chloride	3.64	62	970	0.01	ppbv	#	42
8) Dichlorotetrafluoroethane	3.84	85	782	0.00	ppbv		85
9) Propene	3.64	41	22779	0.30	ppbv	#	82
10) Heptane	9.39	43	6505	0.03	ppbv	#	64
11) Trichlorofluoromethane	4.73	101	14503	0.03	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	5.04	101	358	0.00	ppbv		89
13) Ethanol	4.35	45	759379	58.88	ppbv		99
15) Acetone	4.63	43	3751359	15.96	ppbv		100
16) 1,3-Butadiene	3.98	39	6380	0.07	ppbv	#	3
17) tert-Butyl alcohol	4.80	59	15051	0.10	ppbv		97
19) Isopropyl Alcohol	4.79	45	341470	4.07	ppbv	#	92
20) Methylene Chloride	5.18	84	14266	0.12	ppbv		92
21) Allyl Chloride	5.26	41	368	0.00	ppbv	#	18
23) Vinyl Acetate	6.03	43	13555	0.04	ppbv	#	79
25) Ethyl Acetate	6.72	43	47886	0.14	ppbv	#	93
26) Hexane	6.70	57	10976	0.06	ppbv	#	1
27) Carbon Disulfide	5.44	76	3597	0.01	ppbv	#	1
28) Methyl tert-Butyl Ether	6.14	73	4555	0.01	ppbv	#	1
29) Chloroform	6.79	83	1106	0.00	ppbv		88
30) Cyclohexane	8.35	84	6704	0.04	ppbv	#	20
31) cis-1,2-Dichloroethene	6.72	61	5459	0.03	ppbv	#	22
32) 1,1,1-Trichloroethane	7.64	97	246	0.00	ppbv	#	23
34) 2-Butanone	6.25	43	15354	0.07	ppbv		99
35) Carbon Tetrachloride	8.20	117	2856	0.01	ppbv	#	74
36) Benzene	8.06	78	15435	0.04	ppbv		94
37) 1,2-Dichloroethane	7.41	62	131	0.00	ppbv	#	80
38) Trichloroethene	9.11	130	512	0.00	ppbv	#	38
41) Tetrahydrofuran	7.20	42	468	0.00	ppbv	#	34
42) Bromodichloromethane	8.77	83	245	0.00	ppbv	#	24
43) Methyl Methacrylate	9.32	69	4099	0.03	ppbv	#	86
44) 2,2,4-Trimethylpentane	9.12	57	4594	0.01	ppbv	#	5
50) 4-Methyl-2-Pentanone	10.16	43	1207	0.00	ppbv	#	37
51) 2-Hexanone	11.96	43	124376	0.53	ppbv	#	51
52) Tetrachloroethene	12.83	164	10310	0.07	ppbv	#	81
53) Toluene	11.28	91	65139	0.15	ppbv		93
57) Chlorobenzene	13.86	112	286	0.00	ppbv	#	62
58) Ethyl Benzene	14.46	91	6693	0.01	ppbv	#	87
59) m/p-Xylene	14.76	91	3830	0.01	ppbv	#	29

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026840.D
Acq On : 10 Feb 2016 4:52
Operator : SY/AP
Sample : H1388-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Quant Time: Feb 10 06:07:32 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)
60) o-Xylene	15.54	91	5890	0.01	ppbv		84
61) Styrene	15.36	104	310	0.00	ppbv	#	28
62) Isopropylbenzene	16.59	105	450	0.00	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	15.42	83	480	0.00	ppbv	#	25
64) n-propylbenzene	17.79	120	111	0.00	ppbv	#	1
65) tert-Butylbenzene	18.90	119	437	0.00	ppbv	#	21
66) Benzyl Chloride	18.89	91	255	0.00	ppbv	#	1
67) sec-Butylbenzene	19.80	105	258	0.00	ppbv	#	56
69) p-Isopropyltoluene	19.83	119	564	0.00	ppbv	#	48
71) 2-Chlorotoluene	17.56	91	613	0.00	ppbv	#	44
72) 4-Ethyltoluene	17.86	105	646	0.00	ppbv	#	55
73) 1,3,5-Trimethylbenzene	18.04	105	781	0.00	ppbv	#	28
74) 1,2,4-Trimethylbenzene	18.89	105	4577	0.01	ppbv	#	65
79) Naphthalene	23.99	128	154	0.00	ppbv	#	70

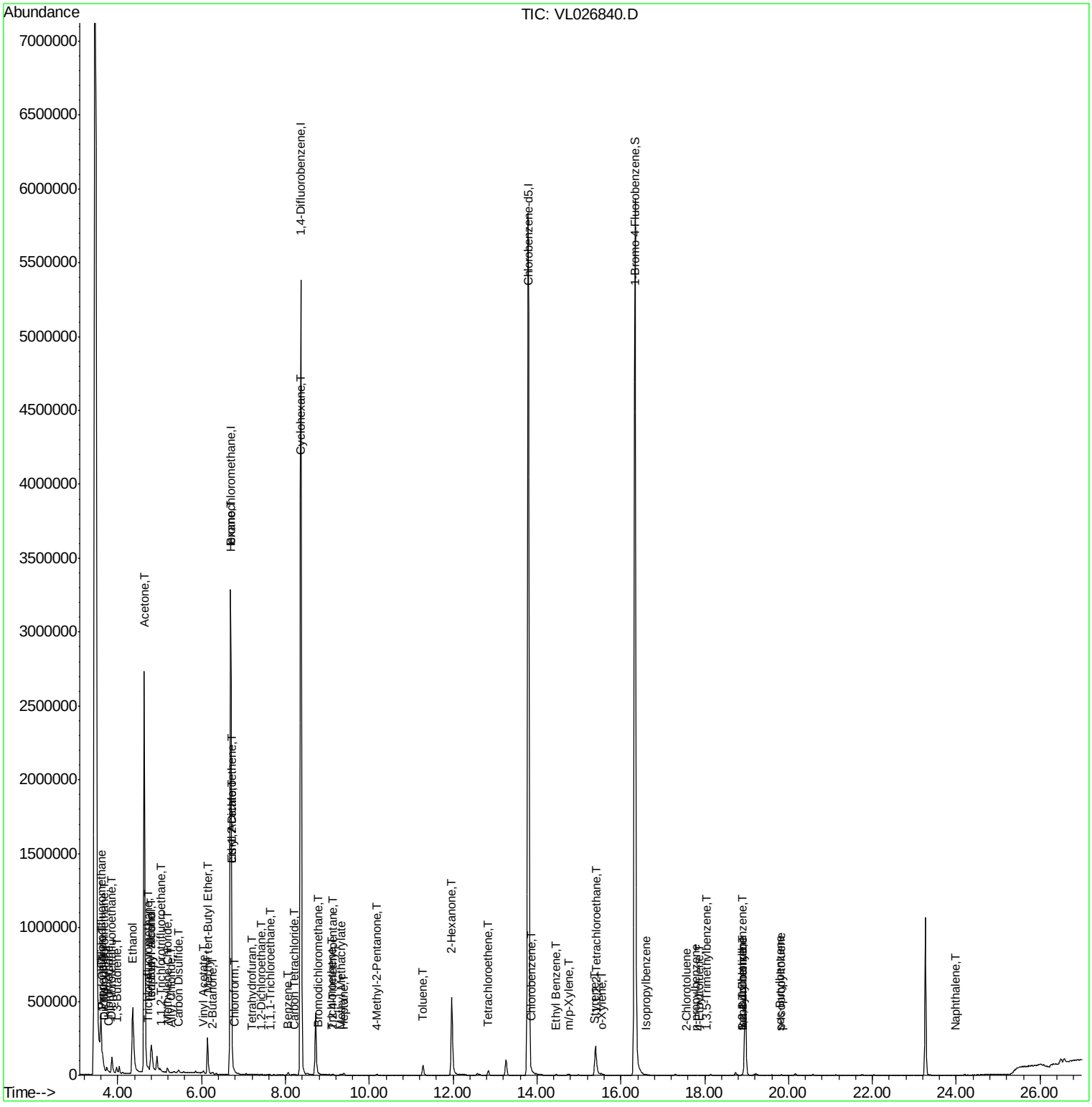
(#) = qualifier out of range (m) = manual integration (+) = signals summed

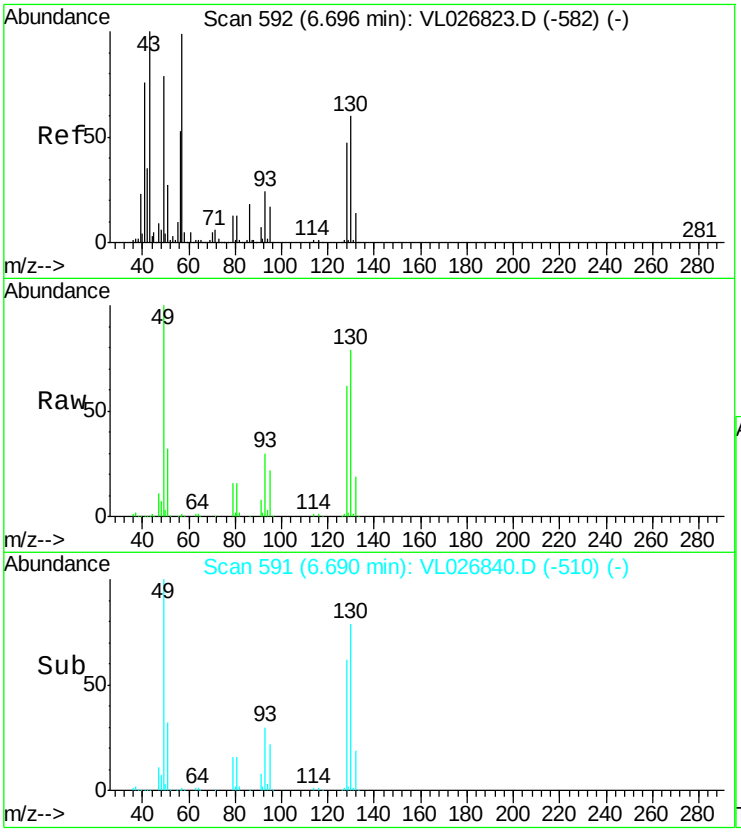
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026840.D
Acq On : 10 Feb 2016 4:52
Operator : SY/AP
Sample : H1388-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Quant Time: Feb 10 06:07:32 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



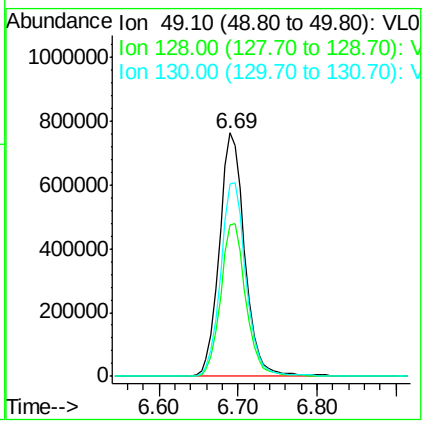


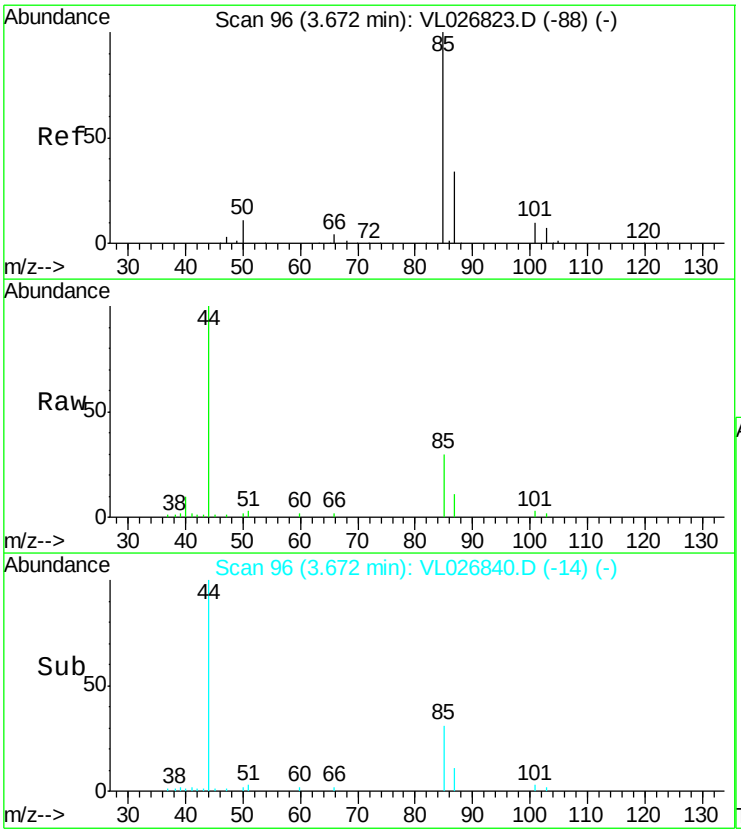
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.69 min Scan# 591
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion: 49 Resp: 1710801

Ion	Ratio	Lower	Upper
49	100		
128	62.6	29.7	89.1
130	80.4	38.3	114.8

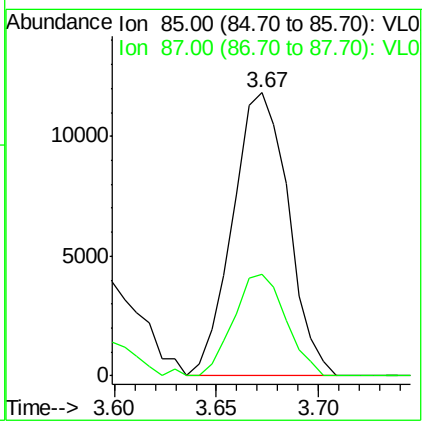


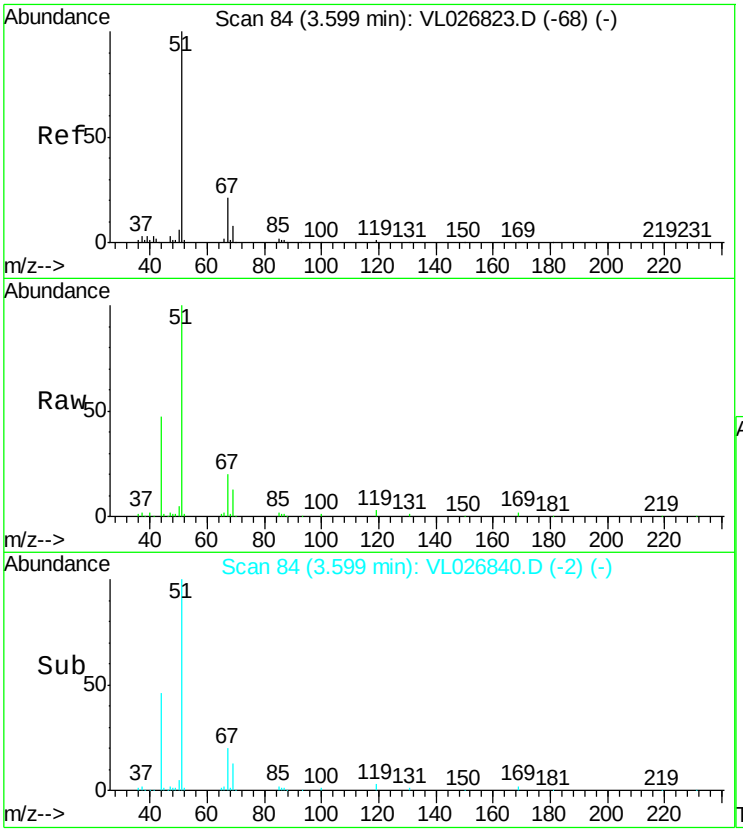


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.67 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 85 Resp: 22451

Ion	Ratio	Lower	Upper
85	100		
87	35.9	27.3	40.9



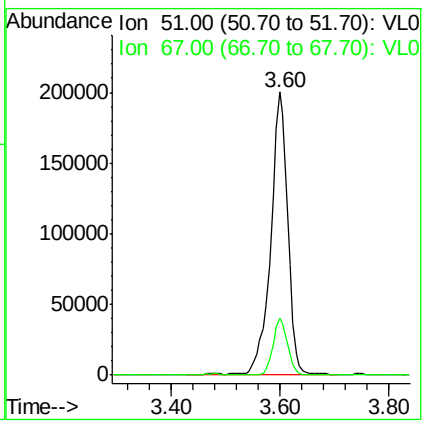


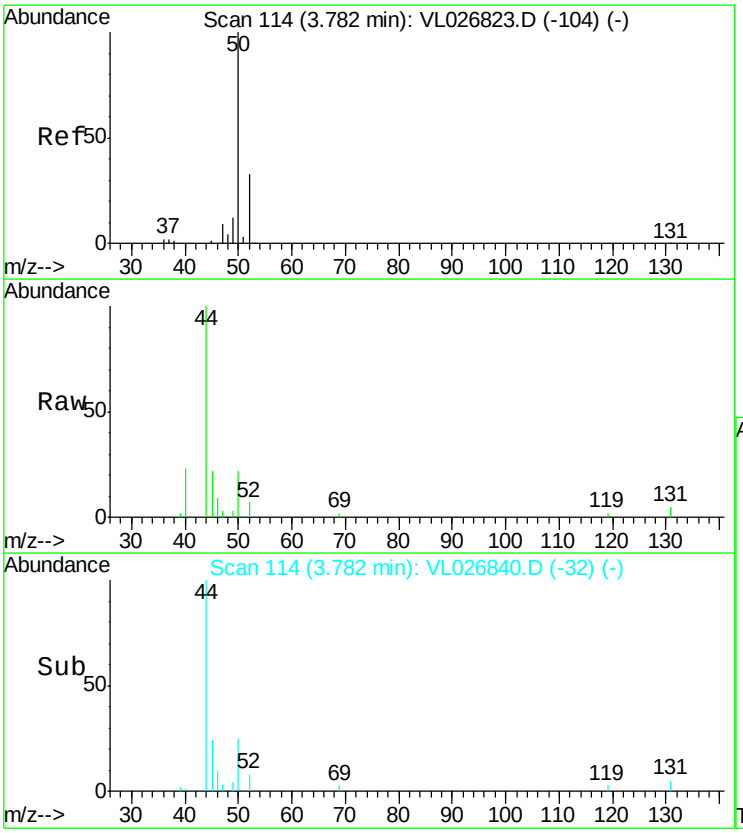
#3
Chlorodifluoromethane
Concen: 1.57 ppbv
RT: 3.60 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 51 Resp: 436949

Ion	Ratio	Lower	Upper
51	100		
67	17.1	16.4	24.6

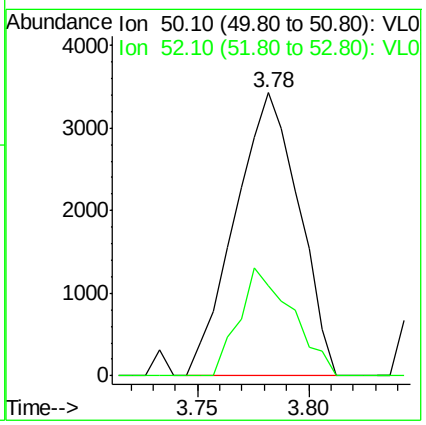


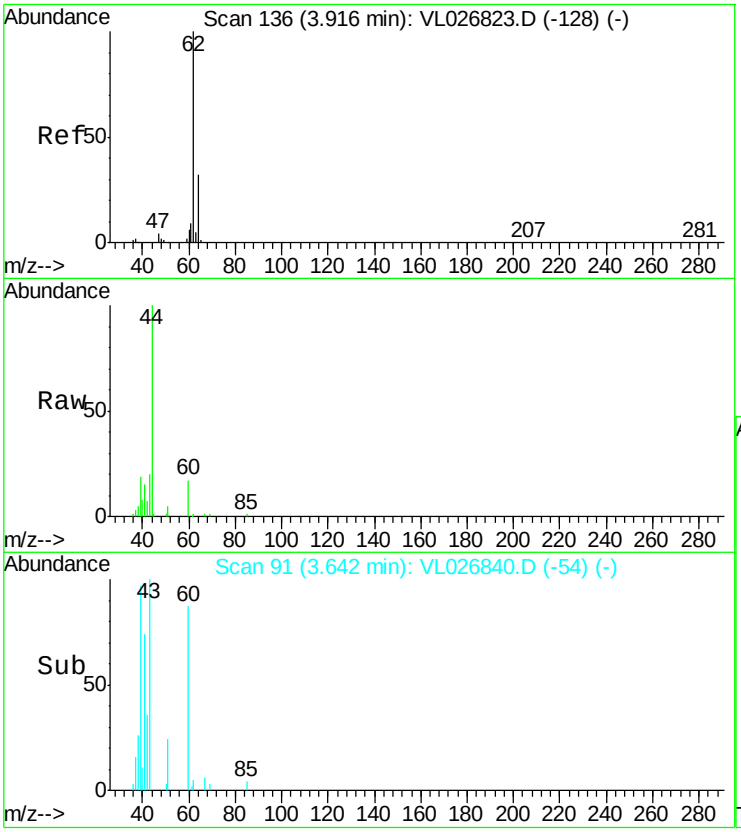


#4
Chloromethane
Concen: 0.06 ppbv
RT: 3.78 min Scan# 114
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 50 Resp: 6830

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.3	39.5



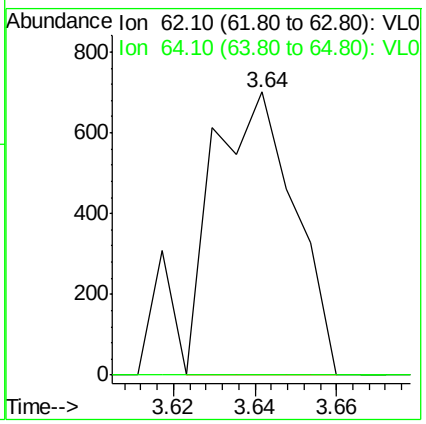


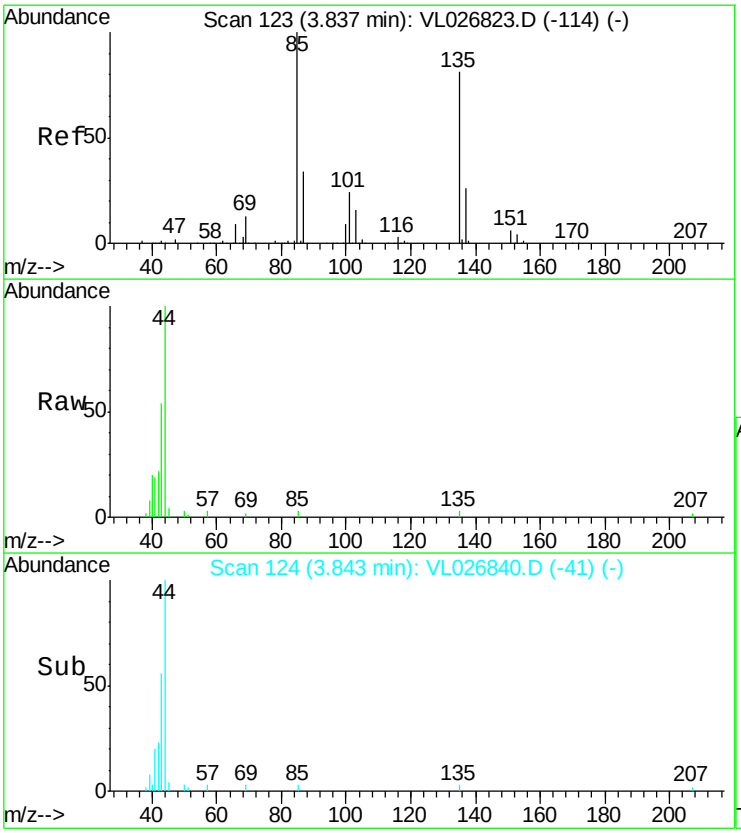
#5
Vinyl Chloride
Concen: 0.01 ppbv
RT: 3.64 min Scan# 91
Delta R.T. -0.27 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 62 Resp: 970

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.8	38.6#

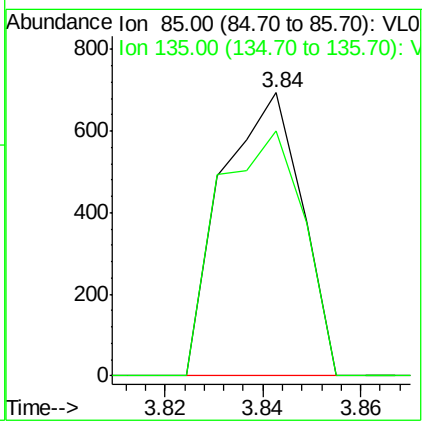


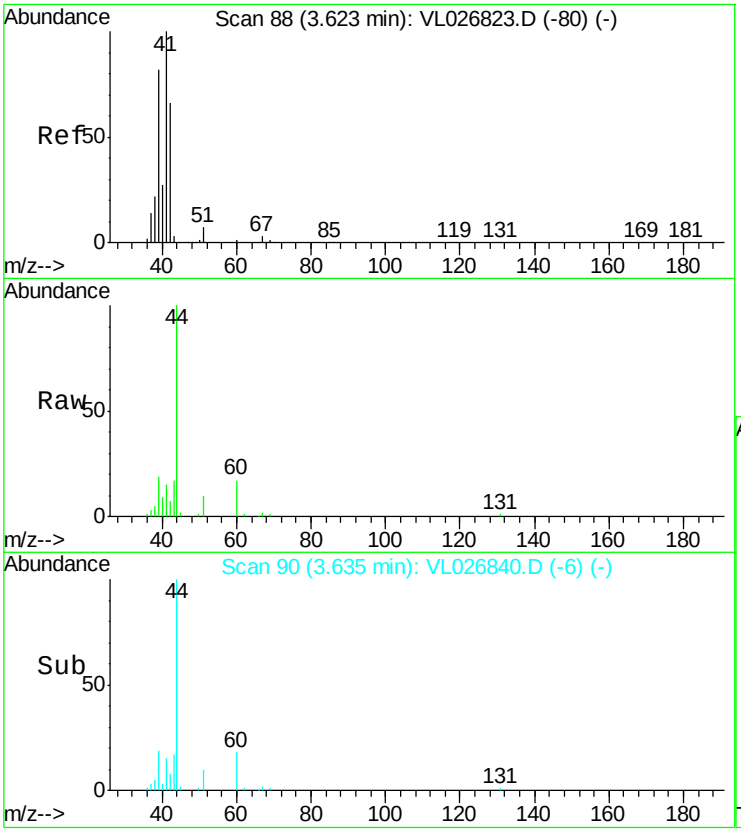


#8
Dichlorotetrafluoroethane
Concen: 0.00 ppbv
RT: 3.84 min Scan# 124
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 85 Resp: 782

Ion	Ratio	Lower	Upper
85	100		
135	92.2	63.2	94.8



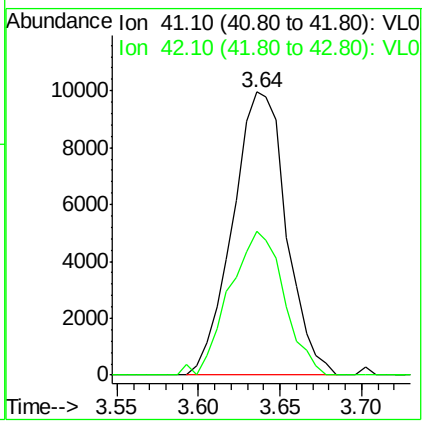


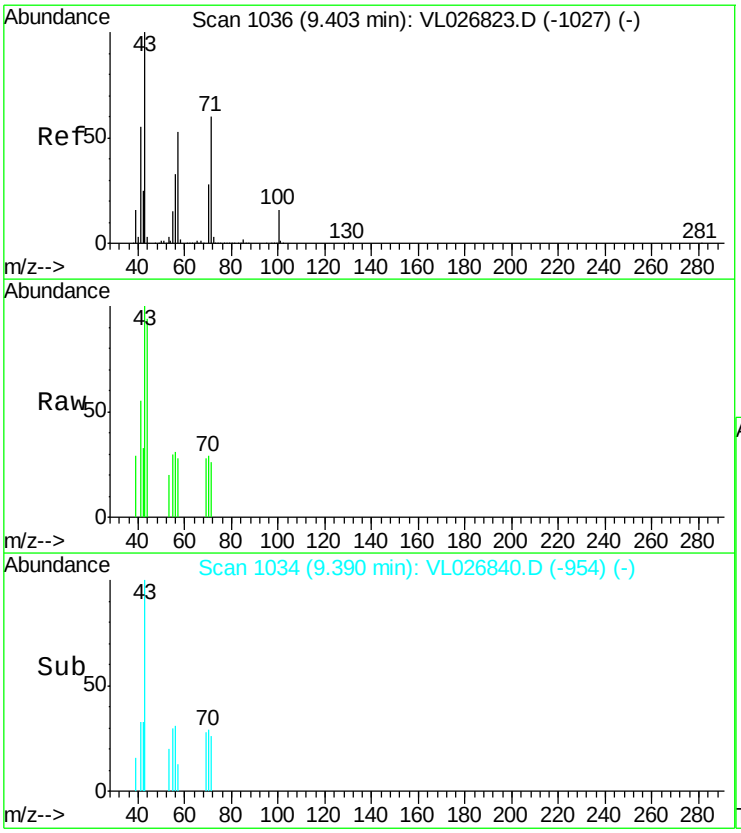
#9
Propene
Concen: 0.30 ppbv
RT: 3.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 41 Resp: 22779

Ion	Ratio	Lower	Upper
41	100		
42	51.6	52.8	79.2#

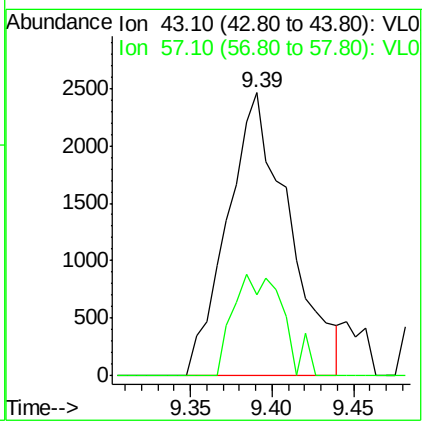


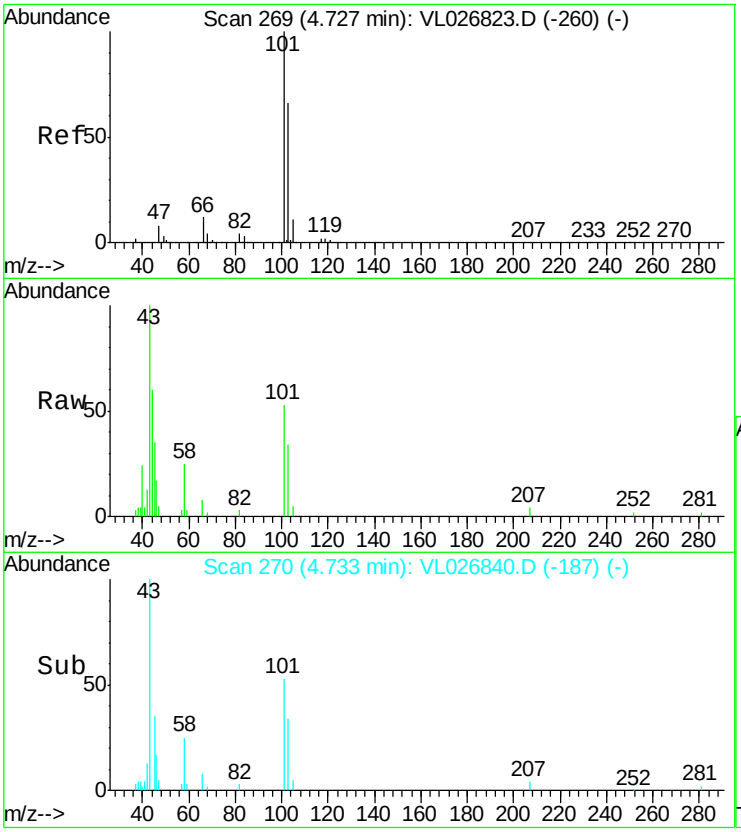


#10
Heptane
Concen: 0.03 ppbv
RT: 9.39 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 43 Resp: 6505

Ion	Ratio	Lower	Upper
43	100		
57	28.9	44.0	66.0#



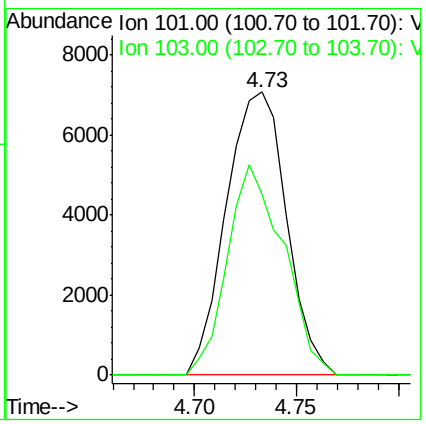


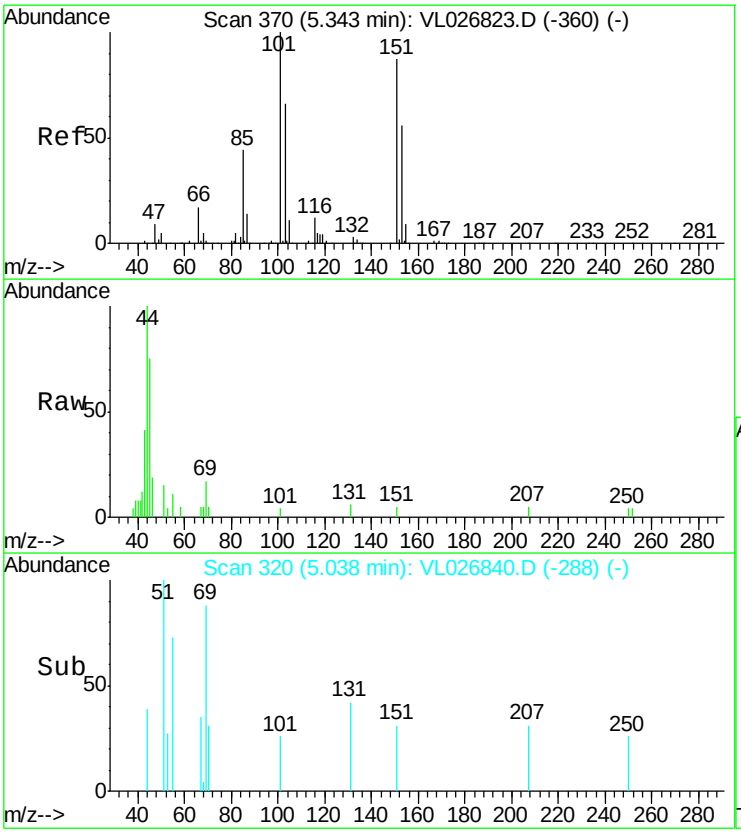
#11
Trichlorofluoromethane
Concen: 0.03 ppbv
RT: 4.73 min Scan# 270
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion:101 Resp: 14503

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.7	79.1

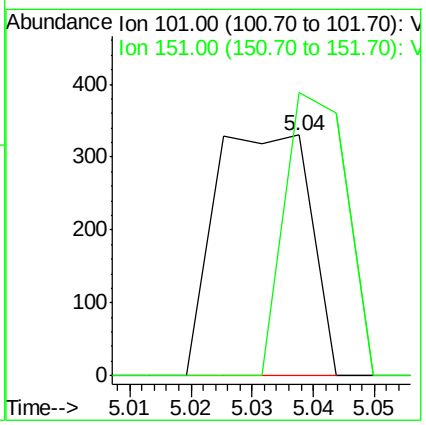


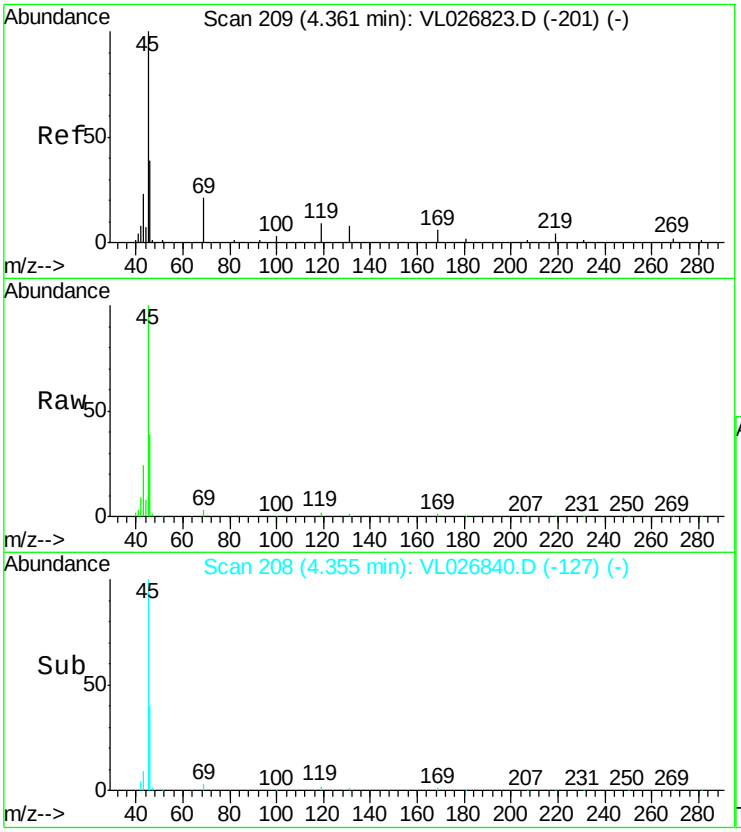


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.00 ppbv
RT: 5.04 min Scan# 320
Delta R.T. -0.30 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:101 Resp: 358

Ion	Ratio	Lower	Upper
101	100		
151	76.5	69.4	104.0



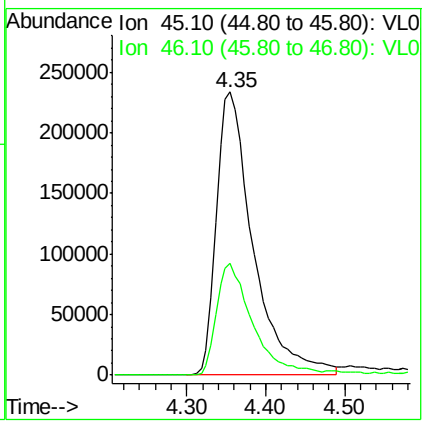


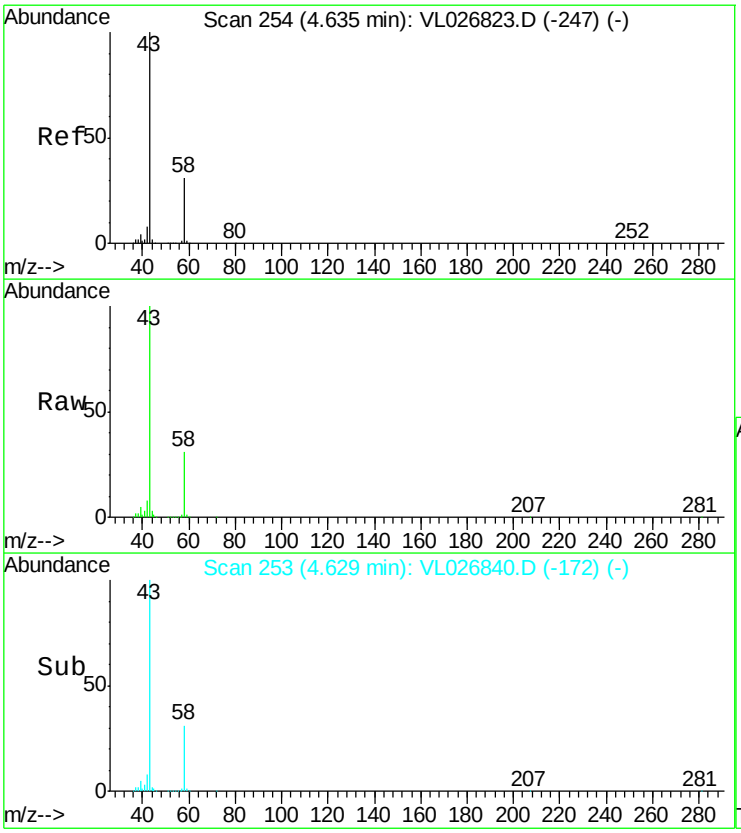
#13
Ethanol
Concen: 58.88 ppbv
RT: 4.35 min Scan# 208
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 45 Resp: 759379

Ion	Ratio	Lower	Upper
45	100		
46	40.5	15.8	63.4

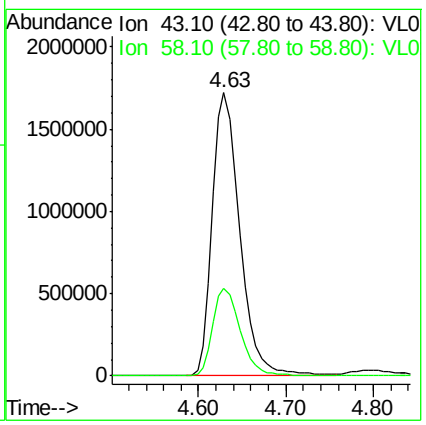


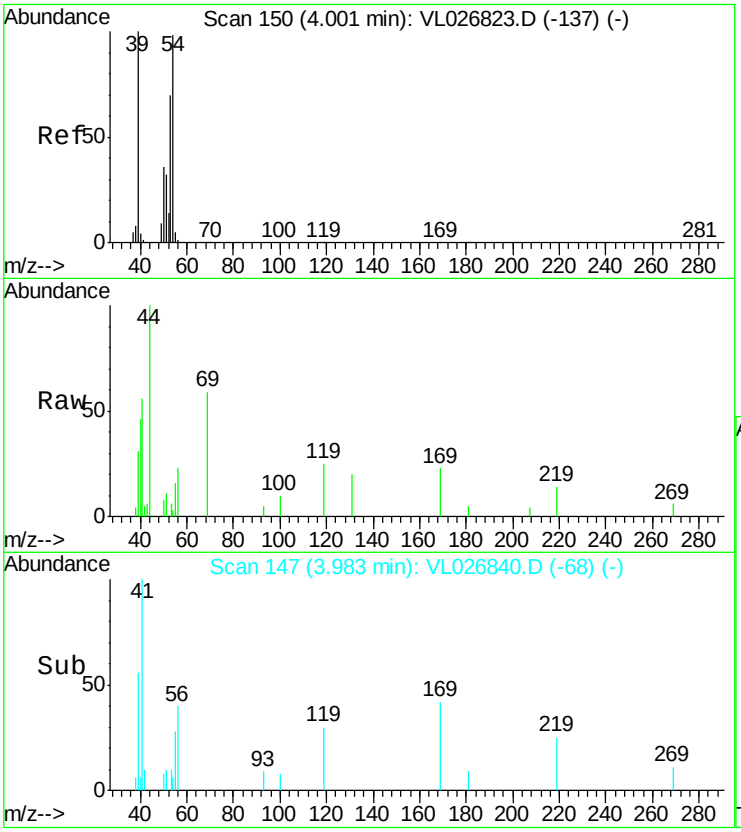


#15
Acetone
Concen: 15.96 ppbv
RT: 4.63 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 43 Resp: 3751359

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.2	37.8



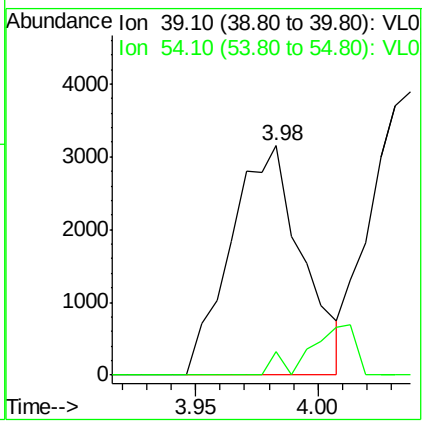


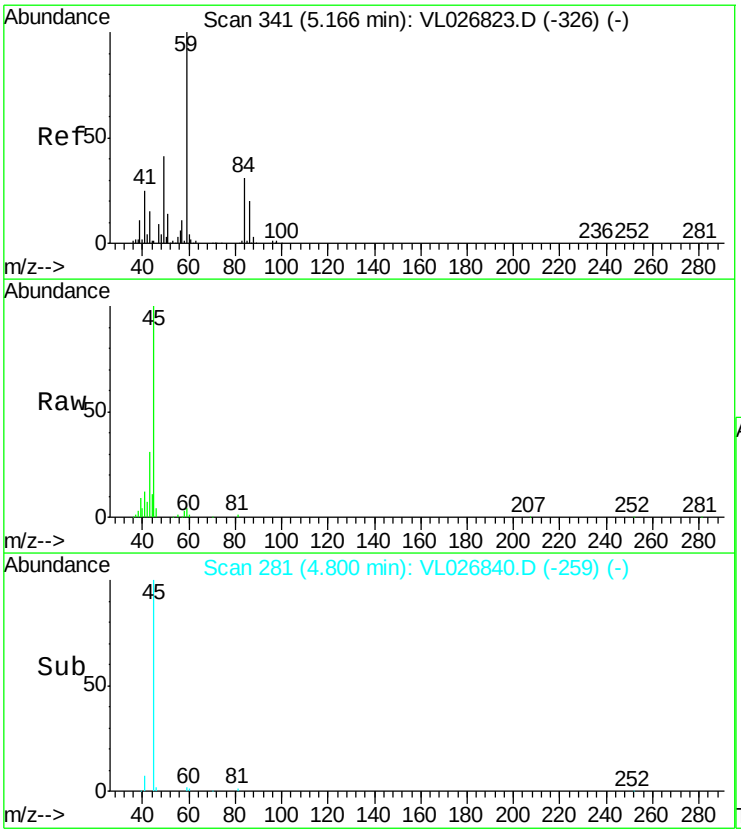
#16
1,3-Butadiene
Concen: 0.07 ppbv
RT: 3.98 min Scan# 147
Delta R.T. -0.02 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 39 Resp: 6380

Ion	Ratio	Lower	Upper
39	100		
54	0.0	74.7	112.1#

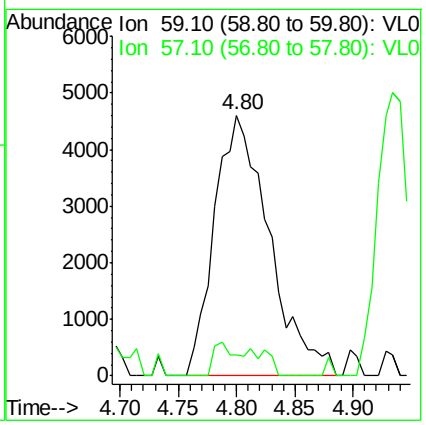


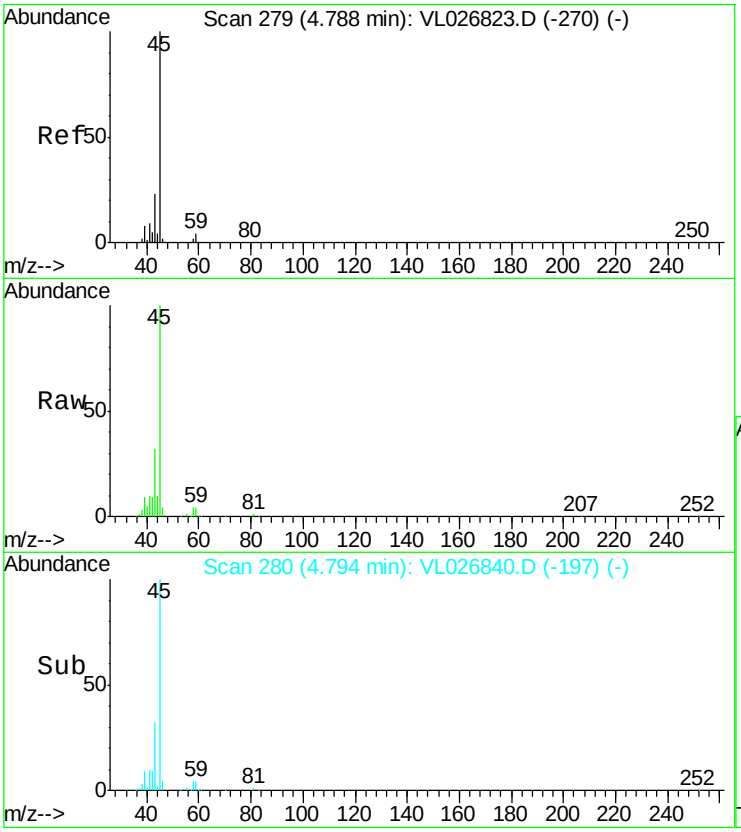


#17
tert-Butyl alcohol
Concen: 0.10 ppbv
RT: 4.80 min Scan# 281
Delta R.T. -0.37 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 59 Resp: 15051

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.5	12.7



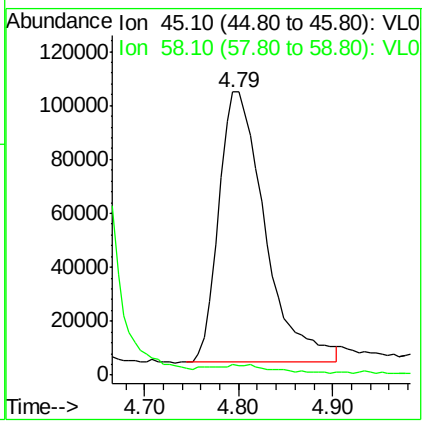


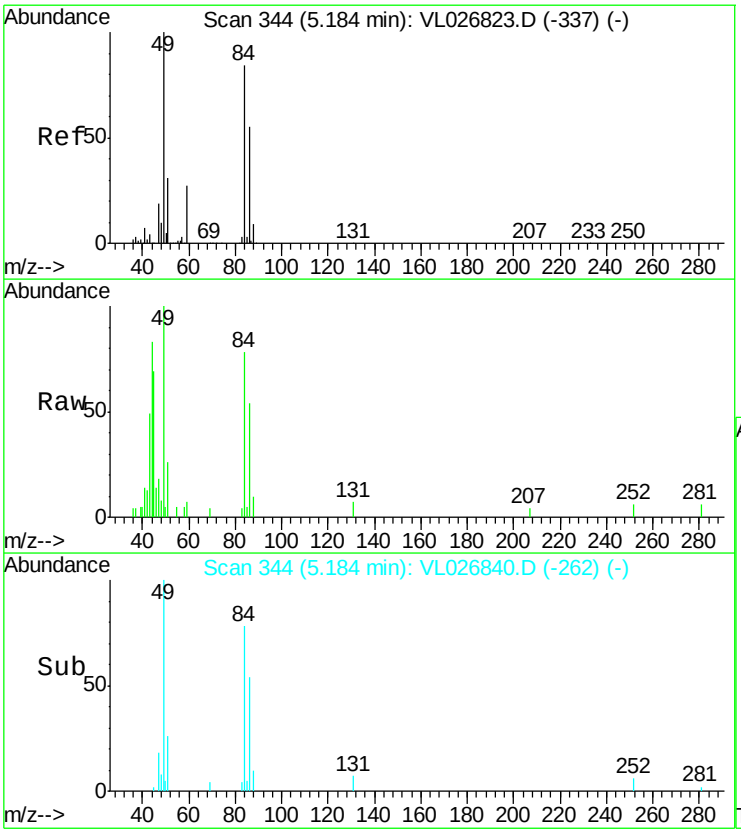
#19
Isopropyl Alcohol
Concen: 4.07 ppbv
RT: 4.79 min Scan# 280
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 45 Resp: 341470

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#

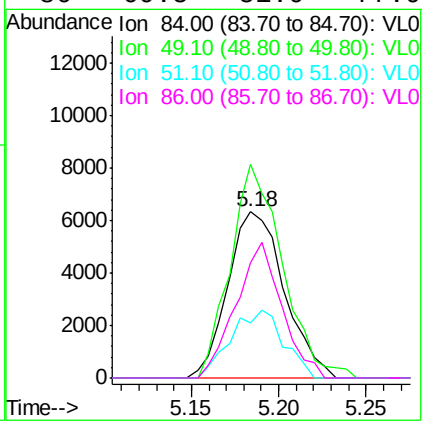


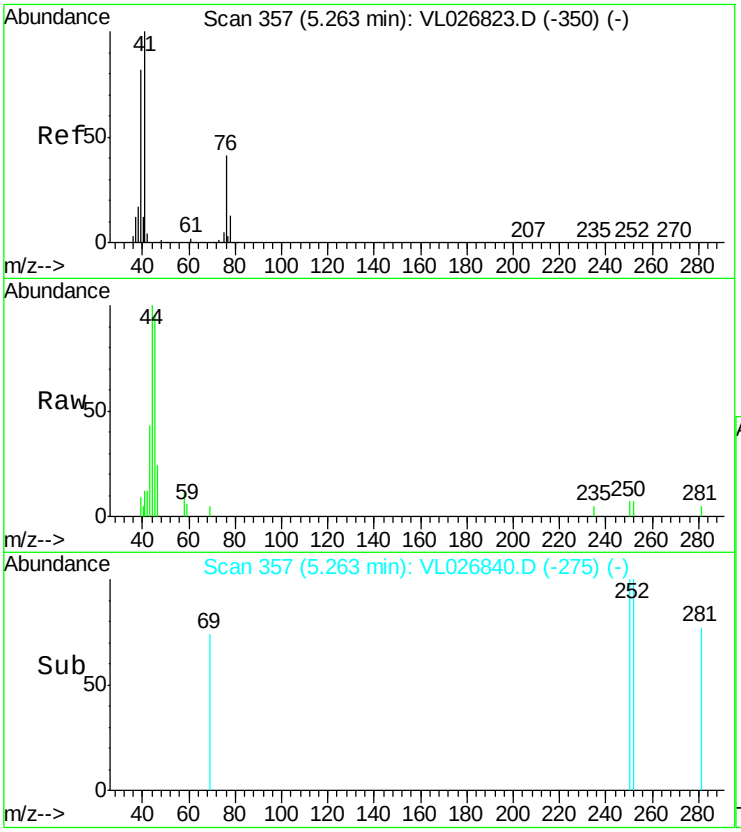


#20
Methylene Chloride
Concen: 0.12 ppbv
RT: 5.18 min Scan# 344
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 84 Resp: 14266

Ion	Ratio	Lower	Upper
84	100		
49	128.6	94.9	142.3
51	32.9	29.5	44.3
86	69.5	51.9	77.9



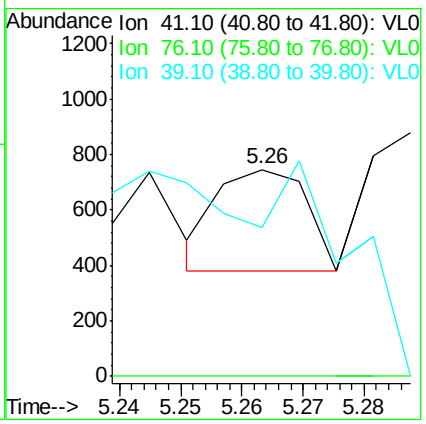


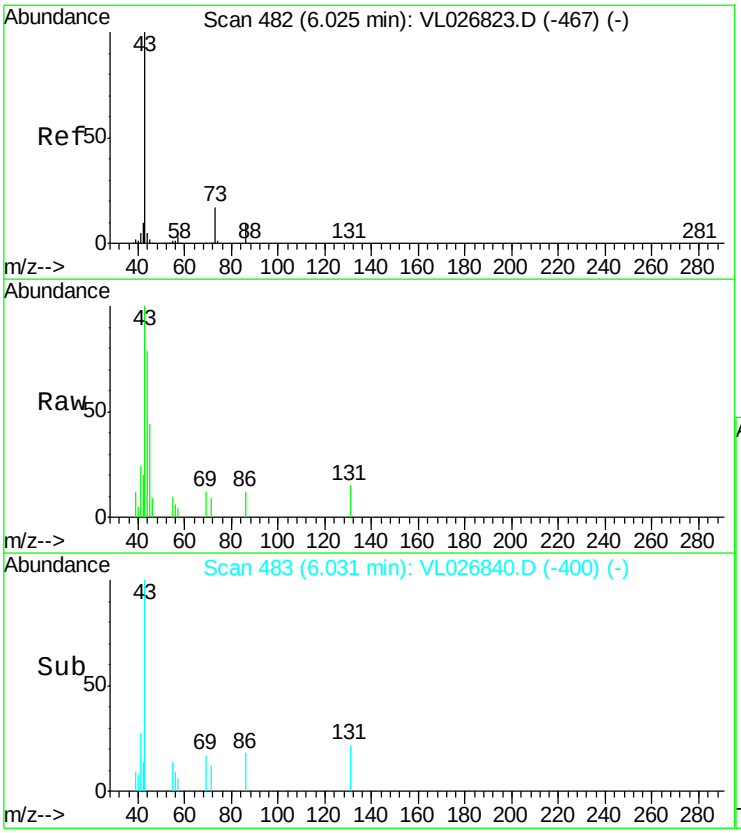
#21
Allyl Chloride
Concen: 0.00 ppbv
RT: 5.26 min Scan# 357
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion: 41 Resp: 368

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

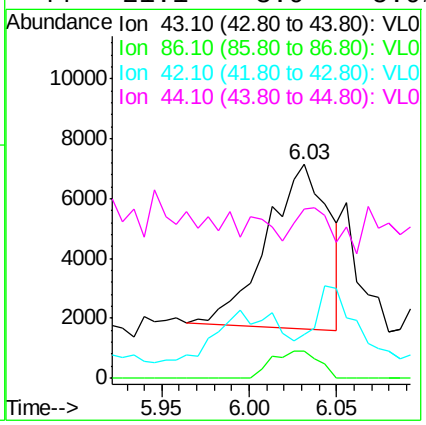


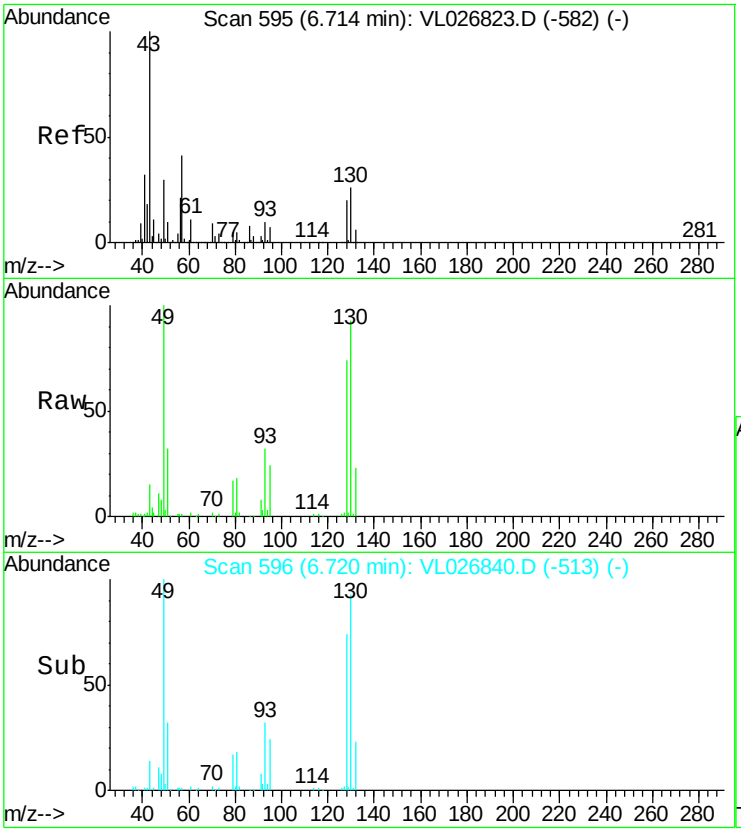


#23
Vinyl Acetate
Concen: 0.04 ppbv
RT: 6.03 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 43 Resp: 13555

Ion	Ratio	Lower	Upper
43	100		
86	16.9	7.7	11.5#
42	13.0	7.8	11.8#
44	21.1	3.9	5.9#



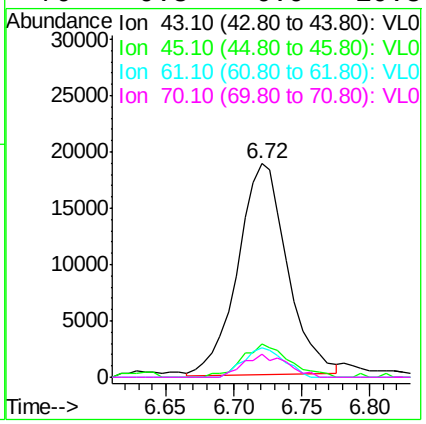


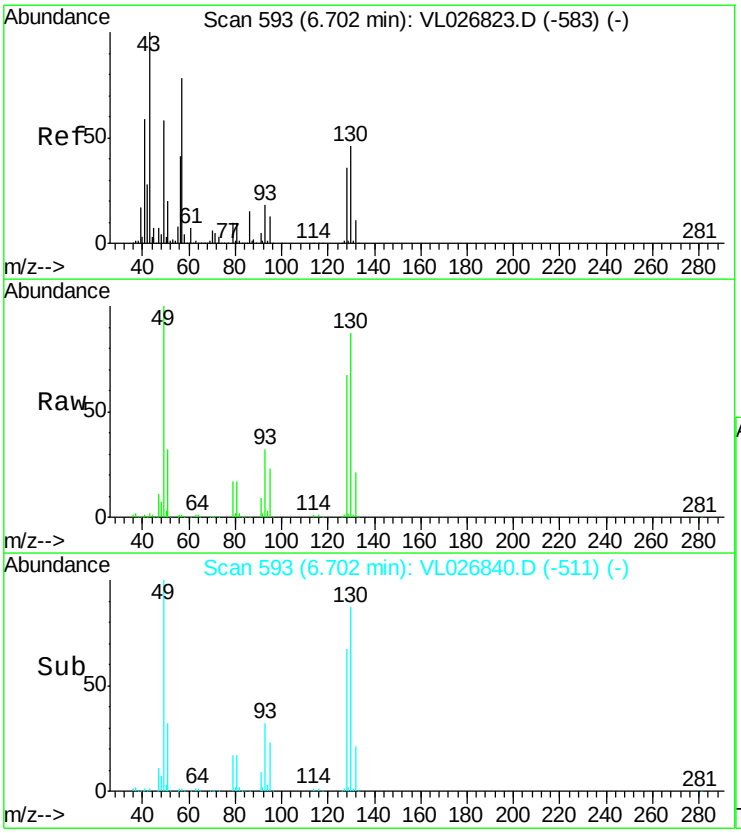
#25
Ethyl Acetate
Concen: 0.14 ppbv
RT: 6.72 min Scan# 596
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 43 Resp: 47886

Ion	Ratio	Lower	Upper
43	100		
45	15.0	7.8	11.8#
61	11.4	7.9	11.9
70	9.3	6.9	10.3

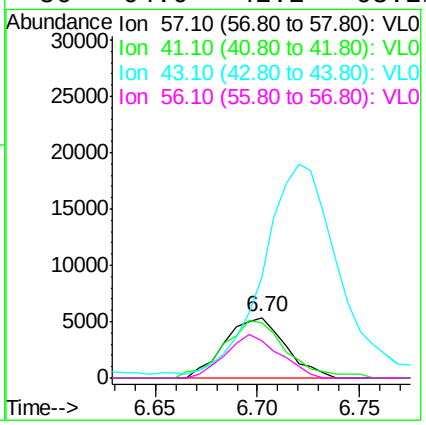


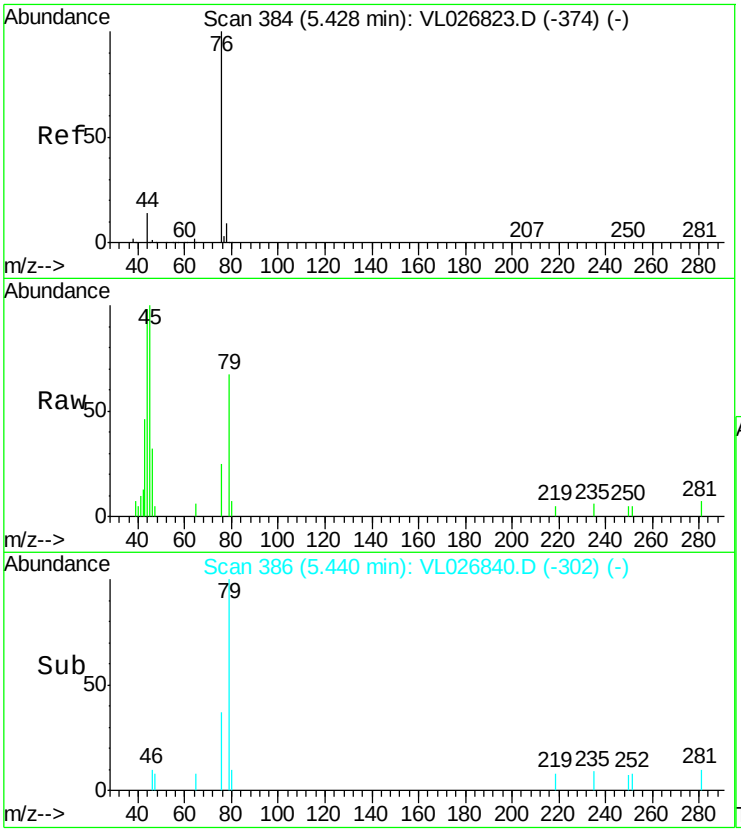


#26
Hexane
Concen: 0.06 ppbv
RT: 6.70 min Scan# 593
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 57 Resp: 10976

Ion	Ratio	Lower	Upper
57	100		
41	99.3	63.3	94.9#
43	492.0	151.4	227.2#
56	64.0	42.2	63.2#



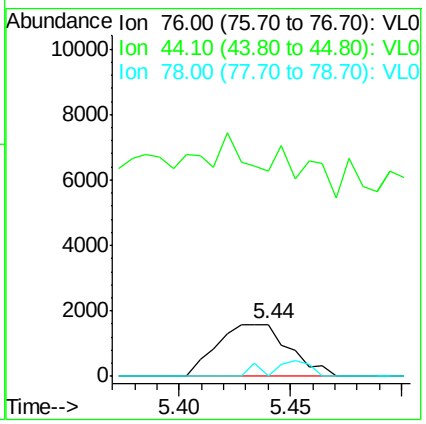


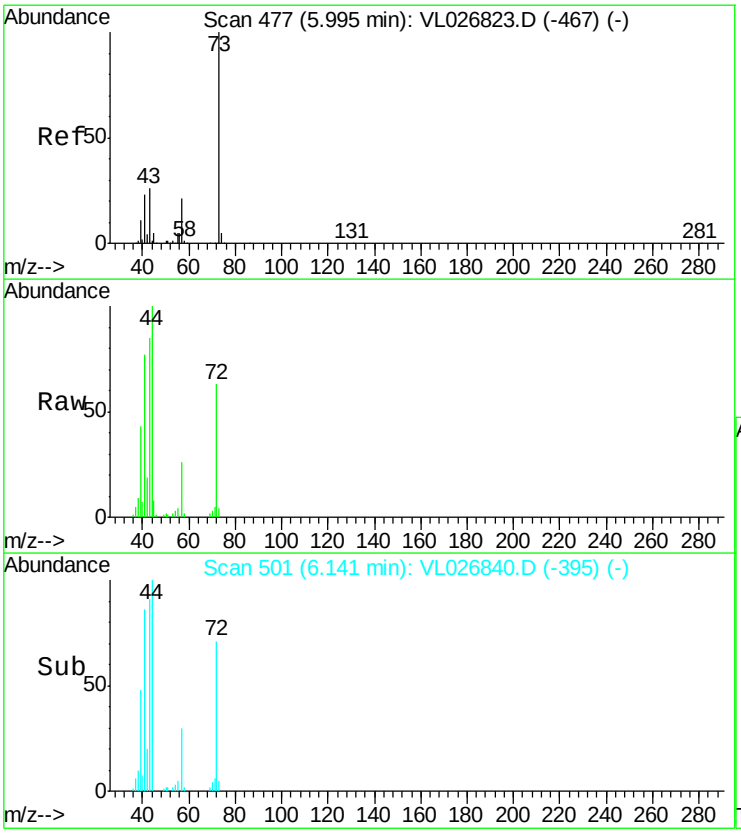
#27
Carbon Disulfide
Concen: 0.01 ppbv
RT: 5.44 min Scan# 386
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 76 Resp: 3597

Ion	Ratio	Lower	Upper
76	100		
44	243.4	12.1	18.1#
78	16.2	7.7	11.5#

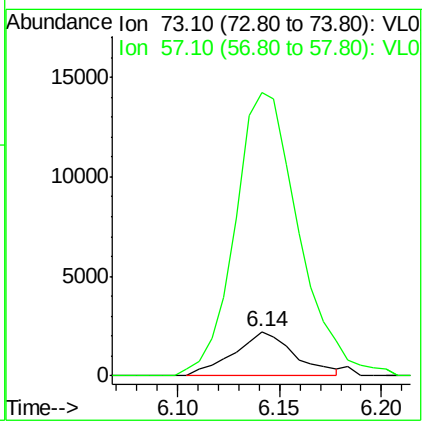


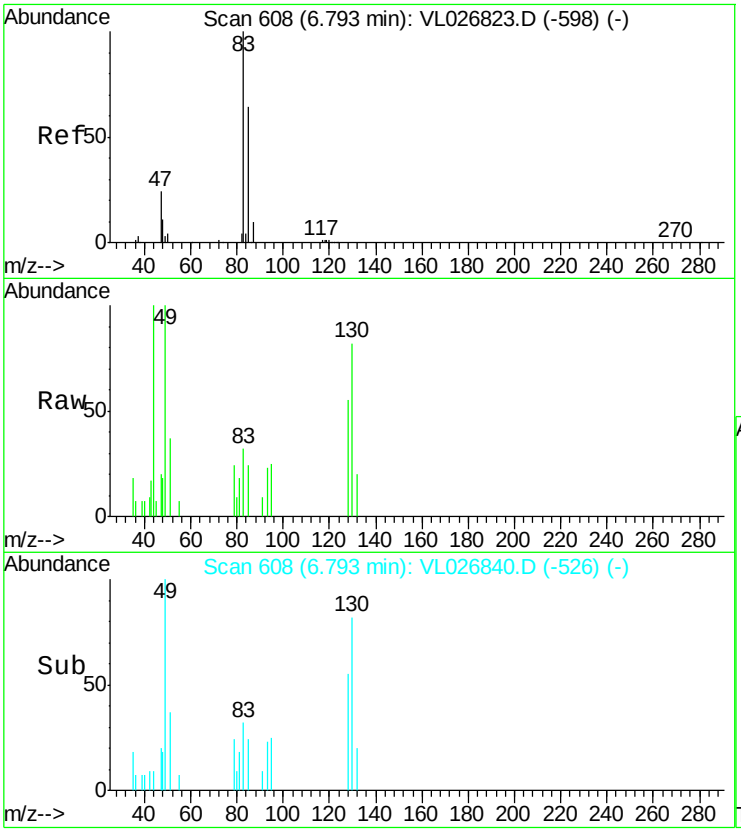


#28
Methyl tert-Butyl Ether
Concen: 0.01 ppbv
RT: 6.14 min Scan# 501
Delta R.T. 0.15 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 73 Resp: 4555

Ion	Ratio	Lower	Upper
73	100		
57	681.3	17.0	25.6#



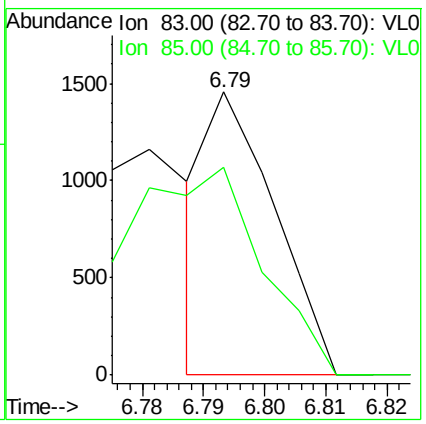


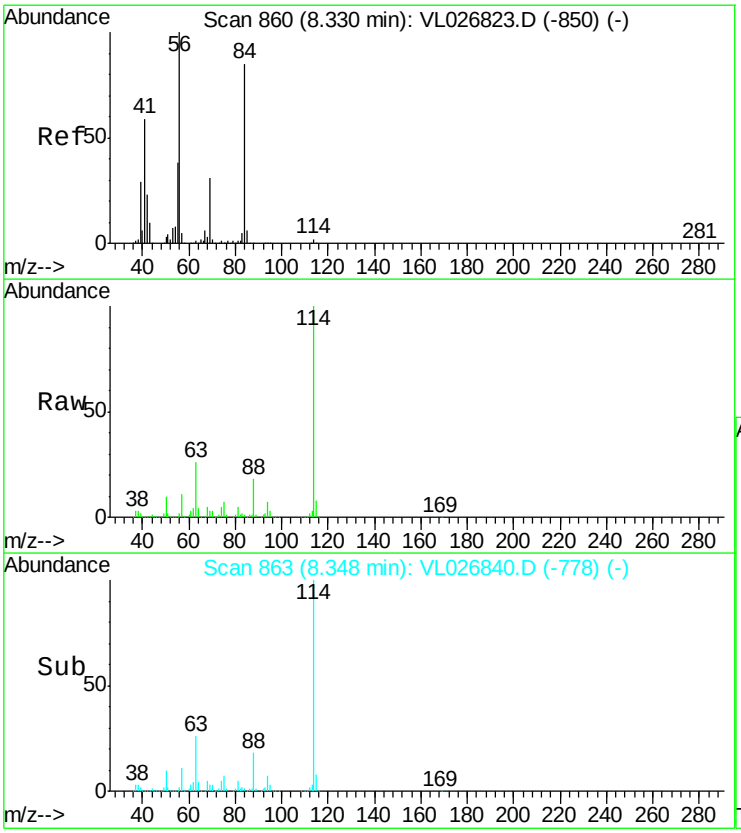
#29
Chloroform
Concen: 0.00 ppbv
RT: 6.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion: 83 Resp: 1106

Ion	Ratio	Lower	Upper
83	100		
85	73.6	51.5	77.3

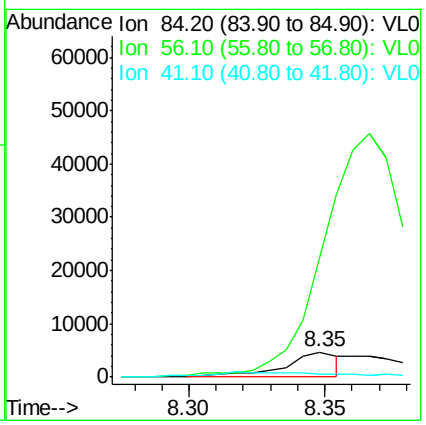


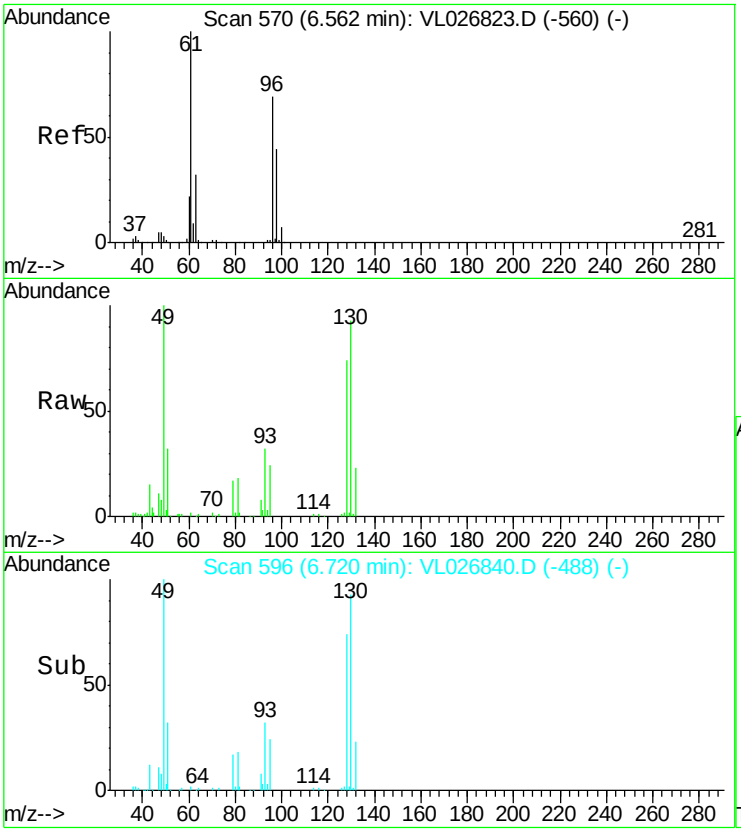


#30
Cyclohexane
Concen: 0.04 ppbv
RT: 8.35 min Scan# 863
Delta R.T. 0.02 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 84 Resp: 6704

Ion	Ratio	Lower	Upper
84	100		
56	0.0	99.4	149.2#
41	47.8	56.7	85.1#



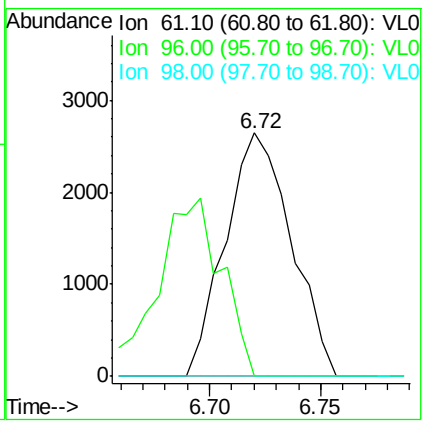


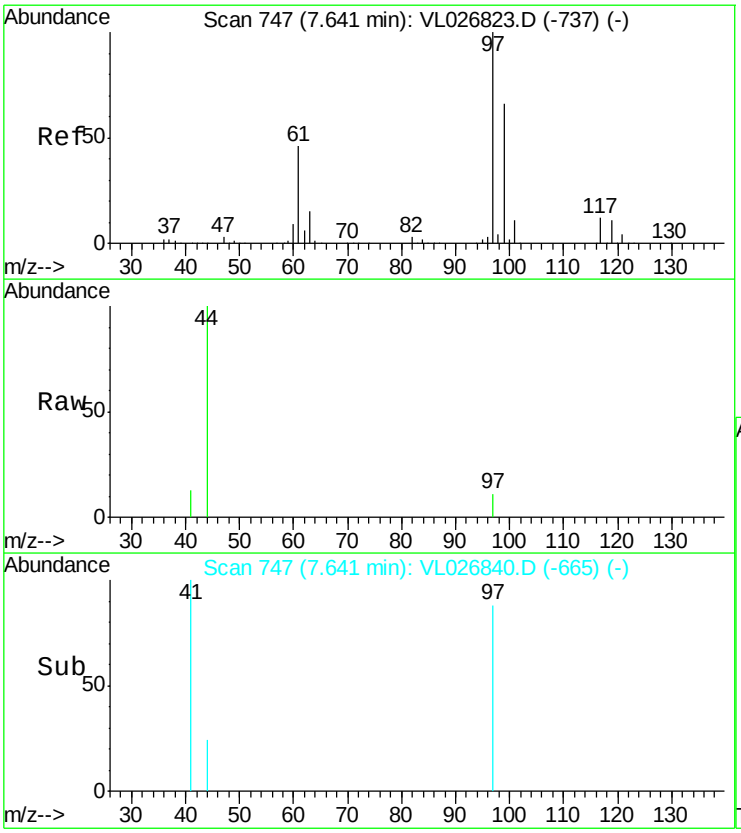
#31
cis-1,2-Dichloroethene
Concen: 0.03 ppbv
RT: 6.72 min Scan# 596
Delta R.T. 0.16 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 61 Resp: 5459

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

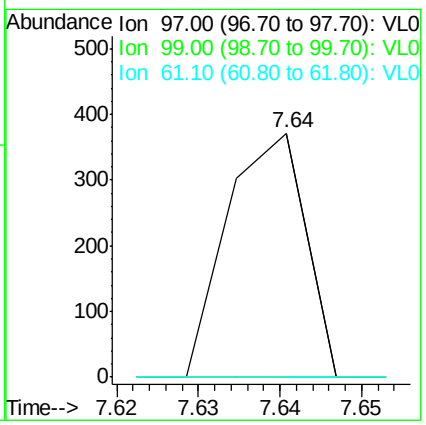


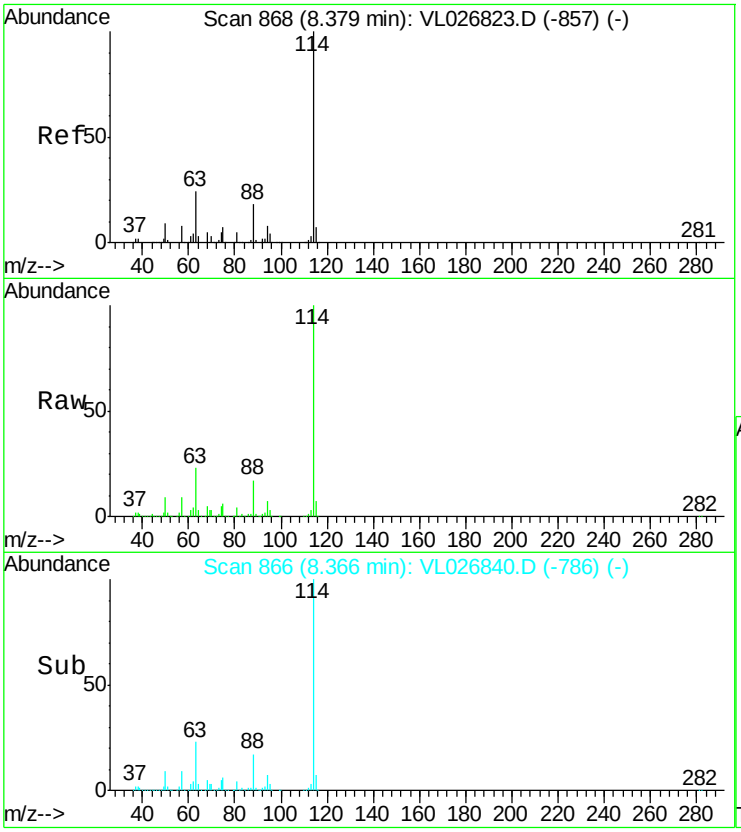


#32
1,1,1-Trichloroethane
Concen: 0.00 ppbv
RT: 7.64 min Scan# 747
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 97 Resp: 246

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	0.0	36.2	54.4#



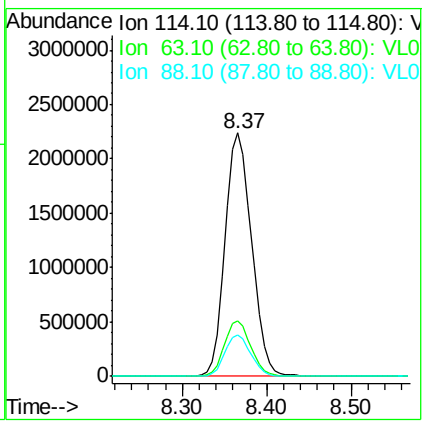


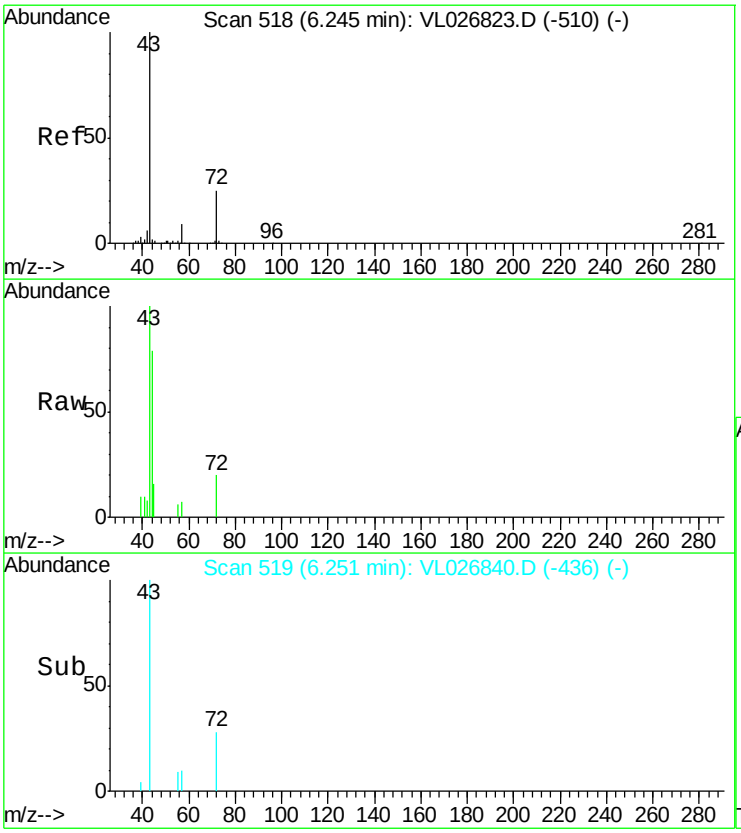
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 866
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion:114 Resp: 4808569

Ion	Ratio	Lower	Upper
114	100		
63	22.7	19.7	29.5
88	16.8	13.8	20.6

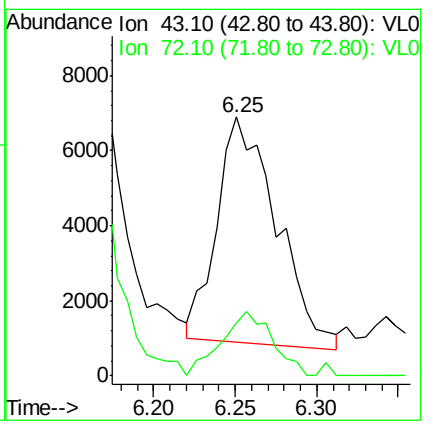


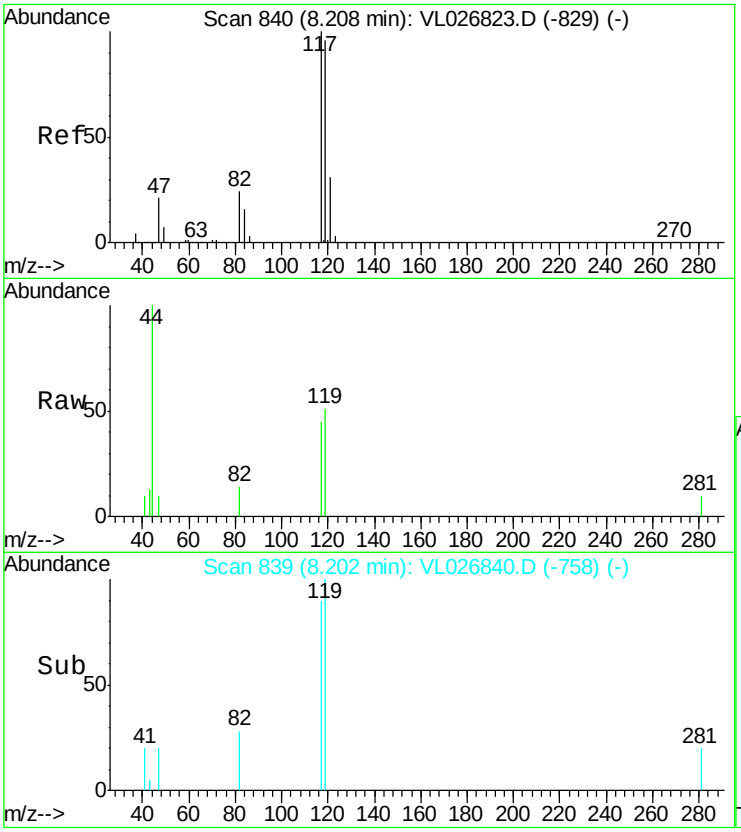


#34
2-Butanone
Concen: 0.07 ppbv
RT: 6.25 min Scan# 519
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 43 Resp: 15354

Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.8	29.8



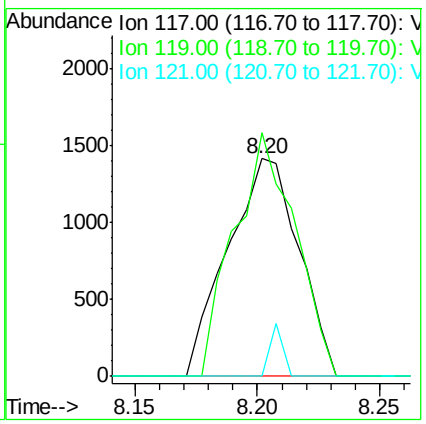


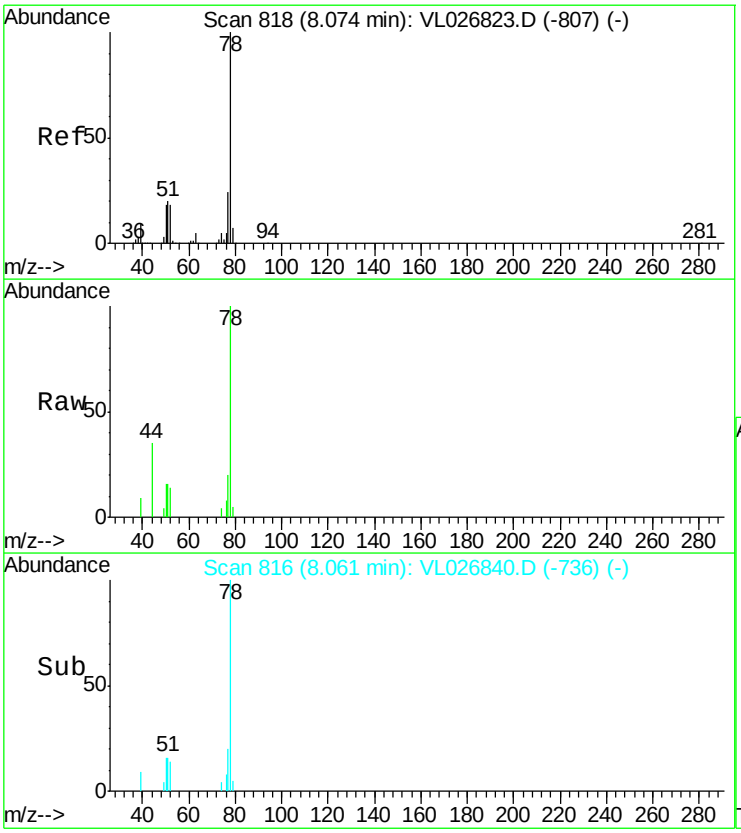
#35
Carbon Tetrachloride
Concen: 0.01 ppbv
RT: 8.20 min Scan# 839
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion:117 Resp: 2856

Ion	Ratio	Lower	Upper
117	100		
119	111.7	76.6	115.0
121	0.0	25.0	37.4#

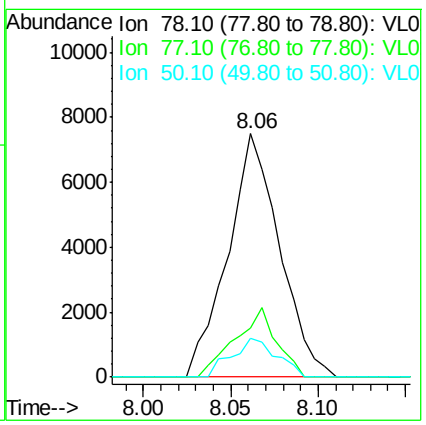


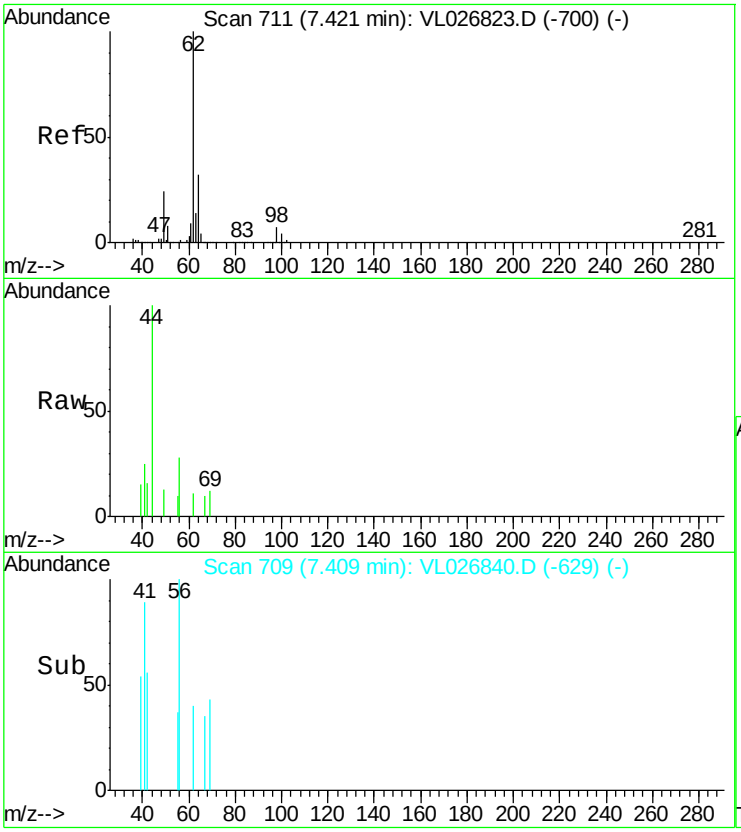


#36
Benzene
Concen: 0.04 ppbv
RT: 8.06 min Scan# 816
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 78 Resp: 15435

Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.0	28.6
50	16.0	14.2	21.4



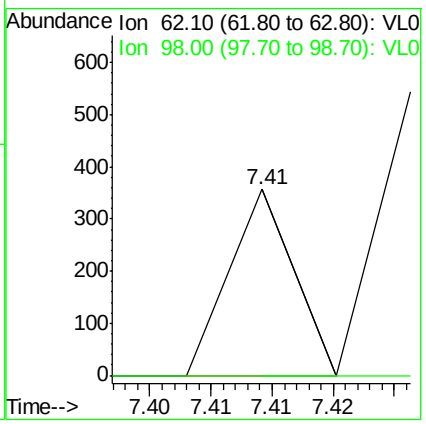


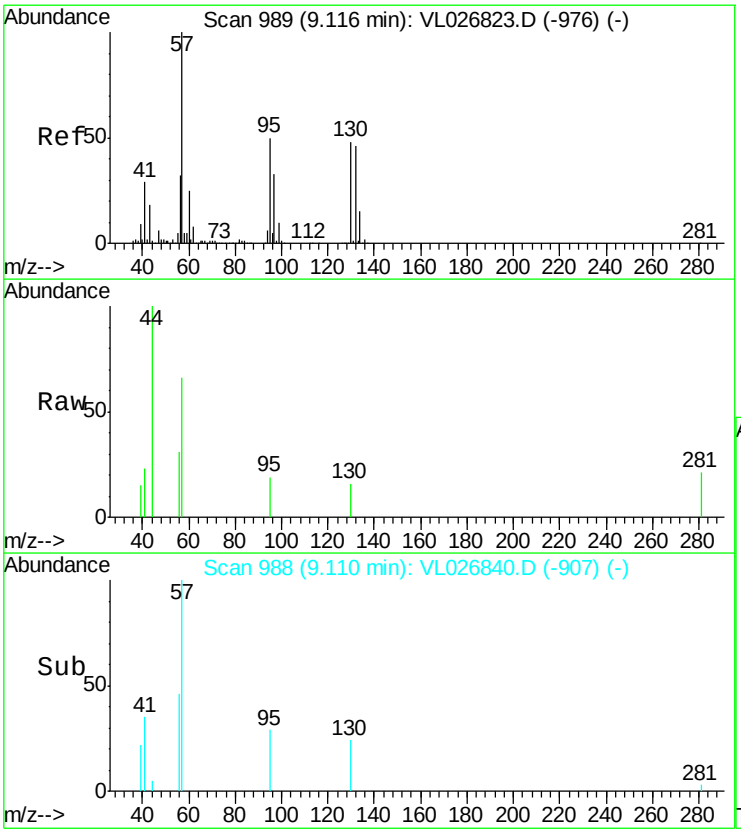
#37
1,2-Dichloroethane
Concen: 0.00 ppbv
RT: 7.41 min Scan# 709
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 62 Resp: 131

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

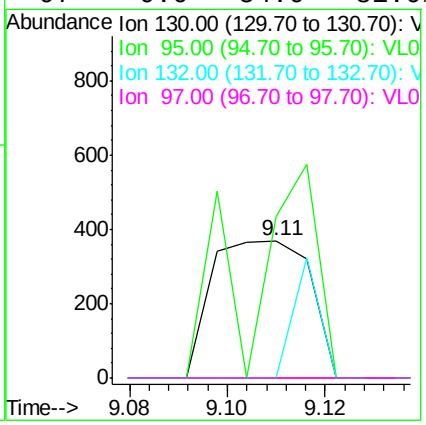


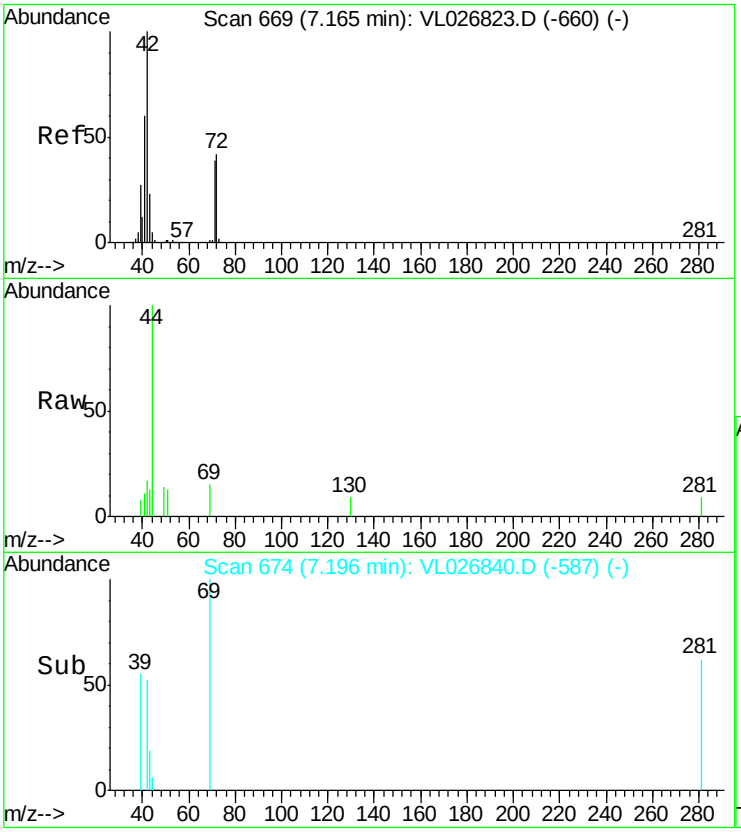


#38
Trichloroethene
Concen: 0.00 ppbv
RT: 9.11 min Scan# 988
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:130 Resp: 512

Ion	Ratio	Lower	Upper
130	100		
95	118.2	83.0	124.6
132	0.0	76.0	114.0#
97	0.0	54.0	81.0#



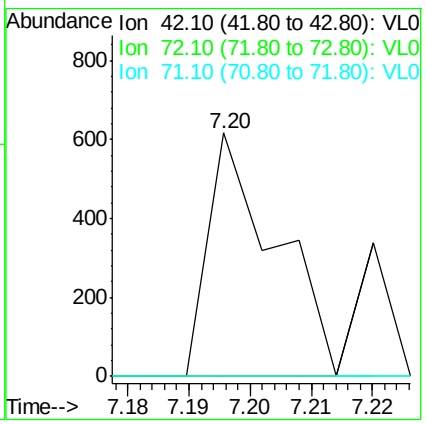


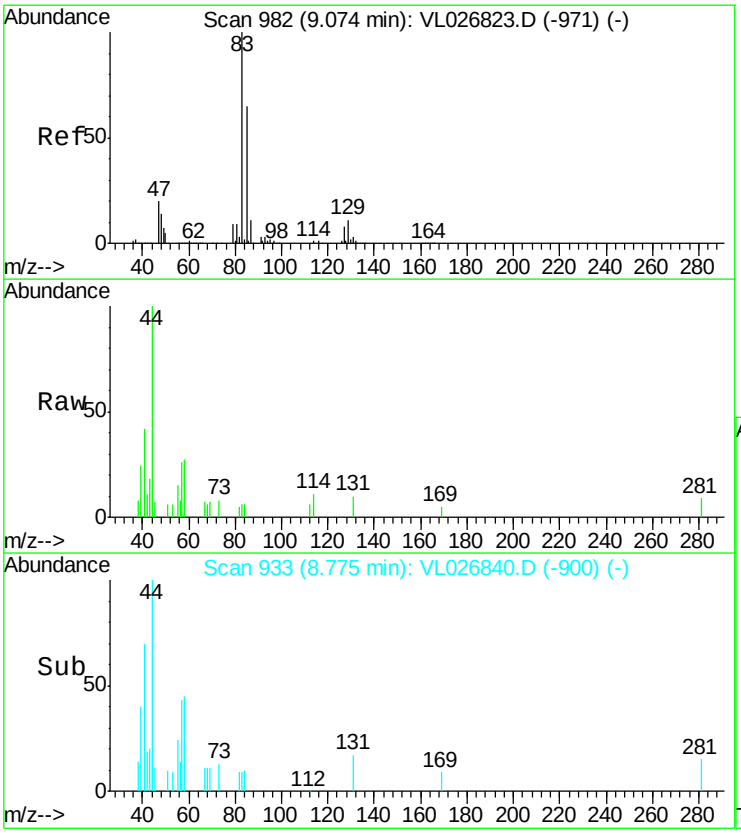
#41
Tetrahydrofuran
Concen: 0.00 ppbv
RT: 7.20 min Scan# 674
Delta R.T. 0.03 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion: 42 Resp: 468

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	0.0	32.1	48.1#

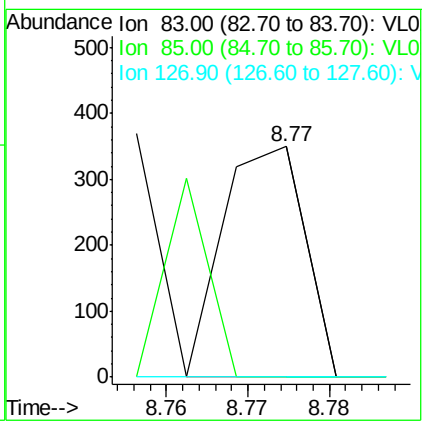


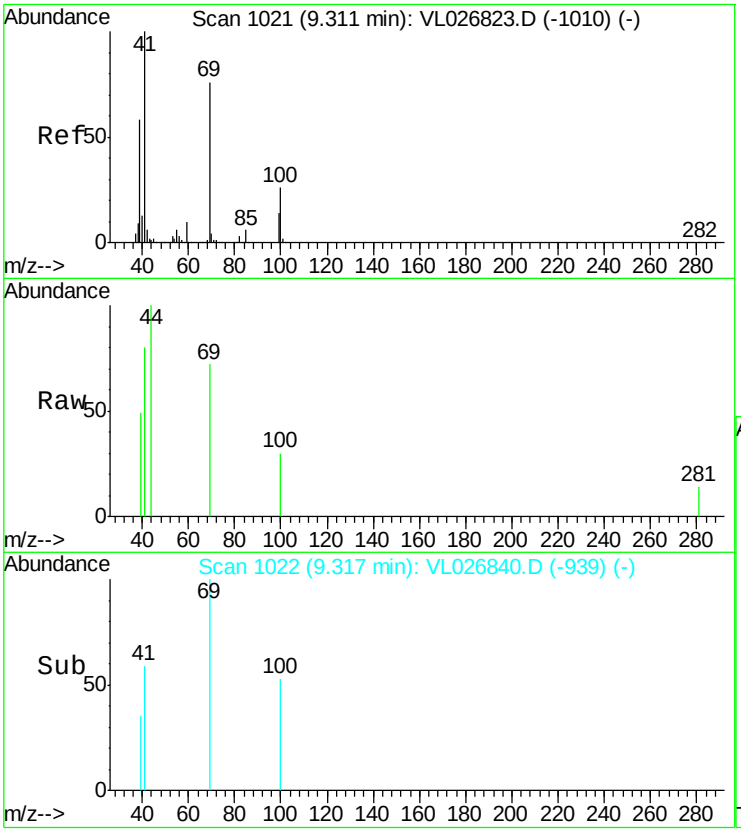


#42
Bromodichloromethane
Concen: 0.00 ppbv
RT: 8.77 min Scan# 933
Delta R.T. -0.30 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 83 Resp: 245

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#
127	0.0	6.4	9.6#



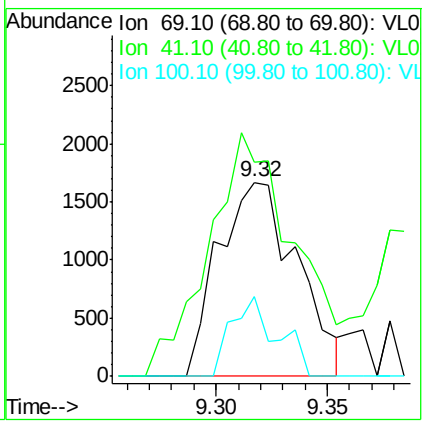


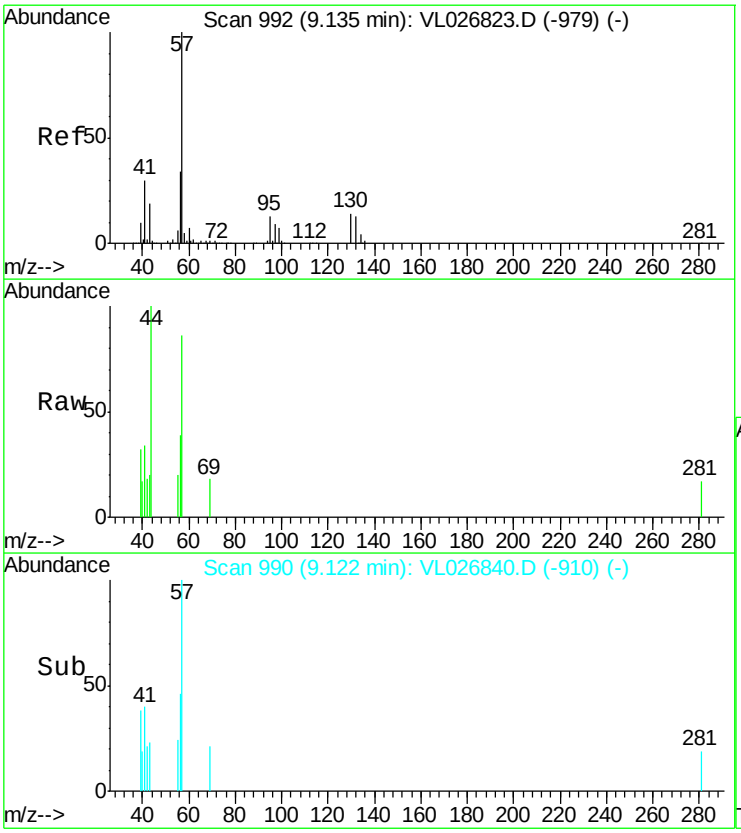
#43
Methyl Methacrylate
Concen: 0.03 ppbv
RT: 9.32 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 69 Resp: 4099

Ion	Ratio	Lower	Upper
69	100		
41	148.1	106.5	159.7
100	23.8	27.2	40.8#

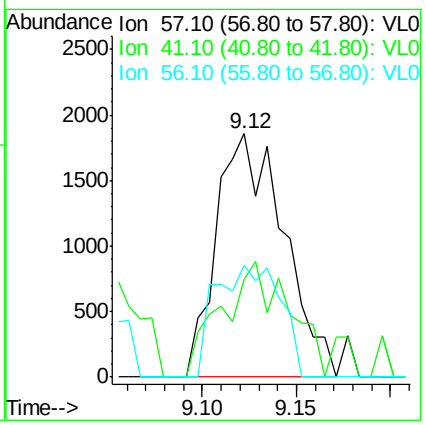


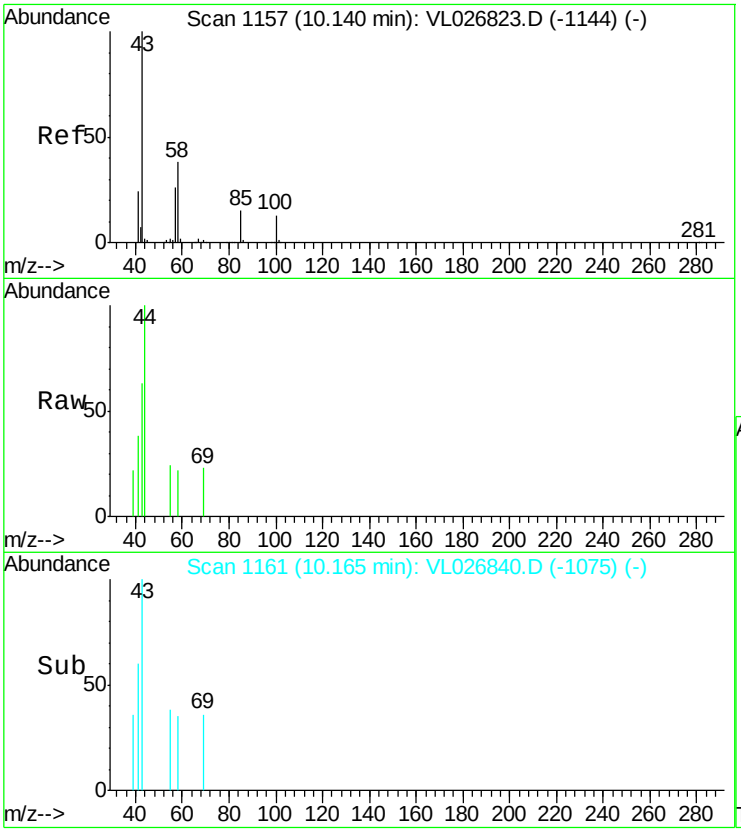


#44
2,2,4-Trimethylpentane
Concen: 0.01 ppbv
RT: 9.12 min Scan# 990
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 57 Resp: 4594

Ion	Ratio	Lower	Upper
57	100		
41	123.9	23.2	34.8#
56	44.6	26.2	39.4#



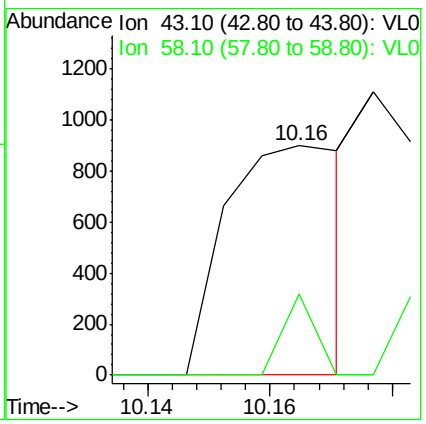


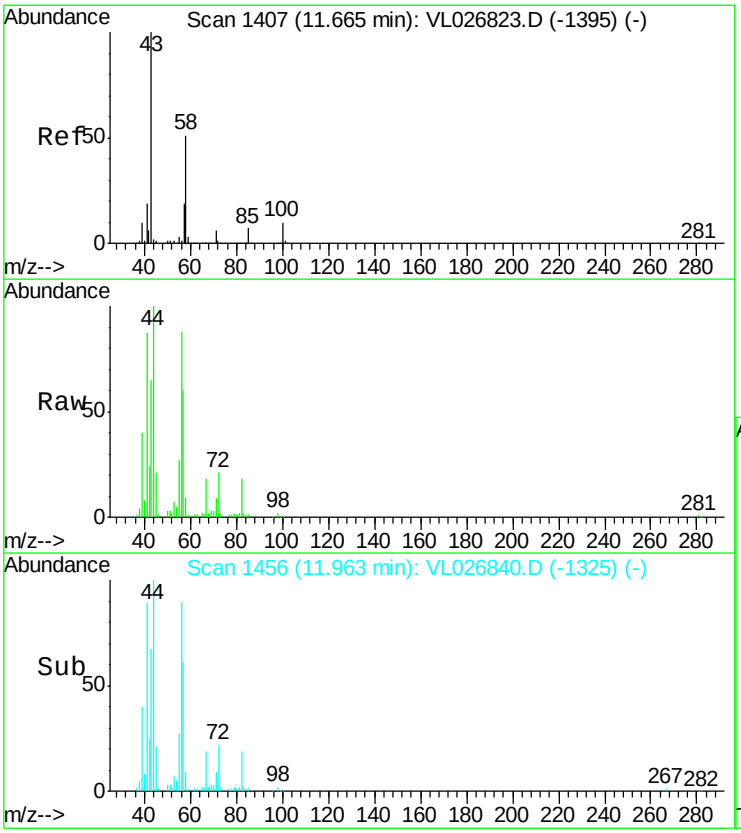
#50
4-Methyl-2-Pentanone
Concen: 0.00 ppbv
RT: 10.16 min Scan# 1161
Delta R.T. 0.02 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.3	45.5#

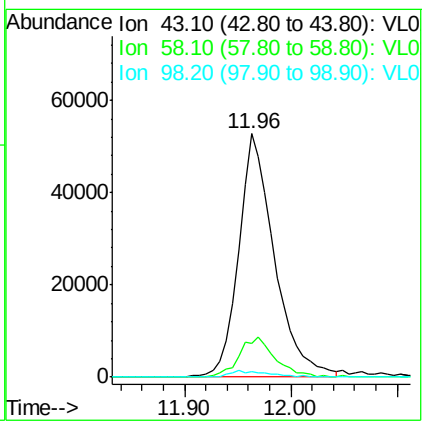


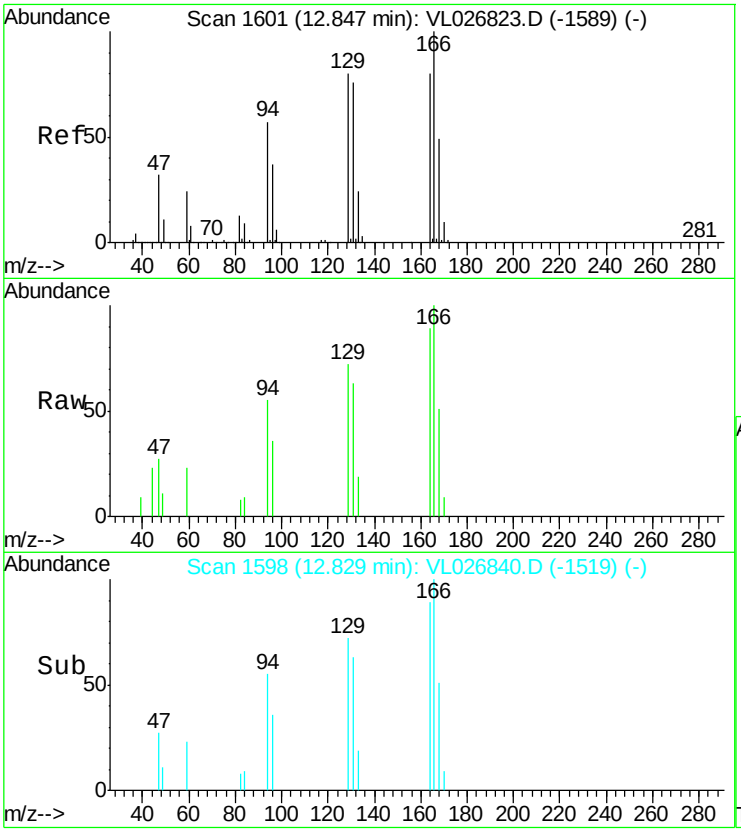


#51
2-Hexanone
Concen: 0.53 ppbv
RT: 11.96 min Scan# 1456
Delta R.T. 0.30 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 43 Resp: 124376

Ion	Ratio	Lower	Upper
43	100		
58	16.5	40.4	60.6#
98	2.8	0.2	0.4#



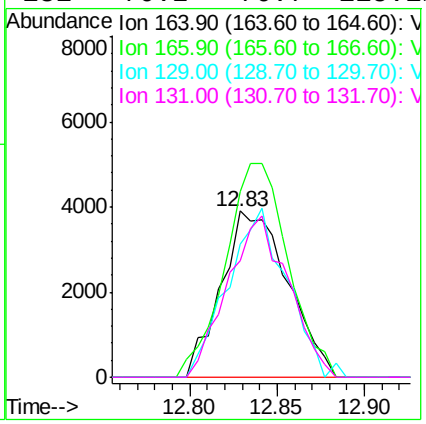


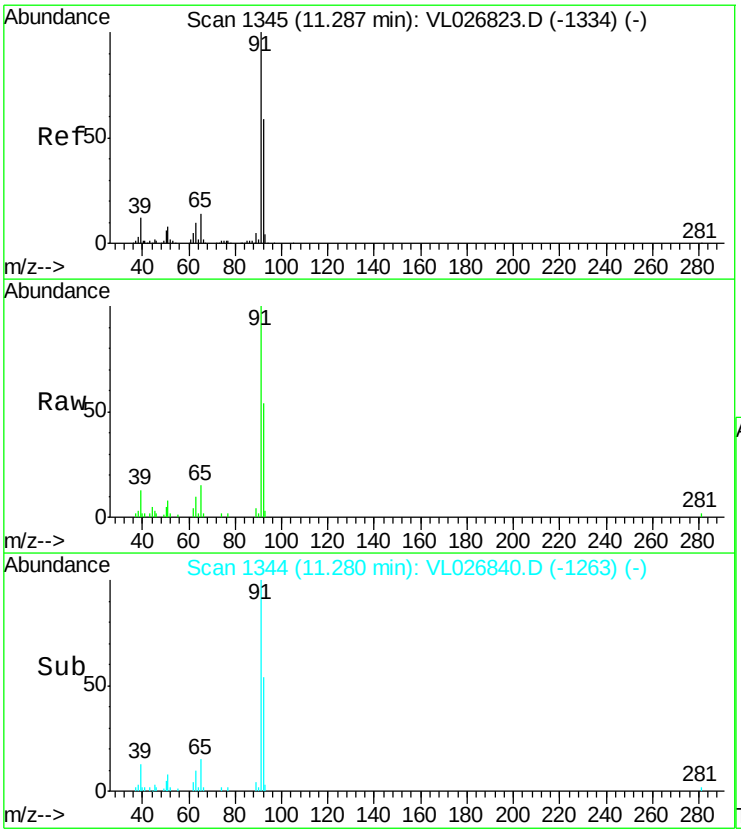
#52
Tetrachloroethene
Concen: 0.07 ppbv
RT: 12.83 min Scan# 1598
Delta R.T. -0.02 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion:164 Resp: 10310

Ion	Ratio	Lower	Upper
164	100		
166	111.9	100.3	150.5
129	80.0	80.0	120.0
131	70.2	76.7	115.1#

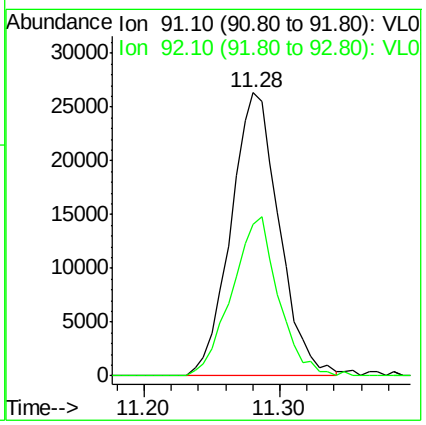


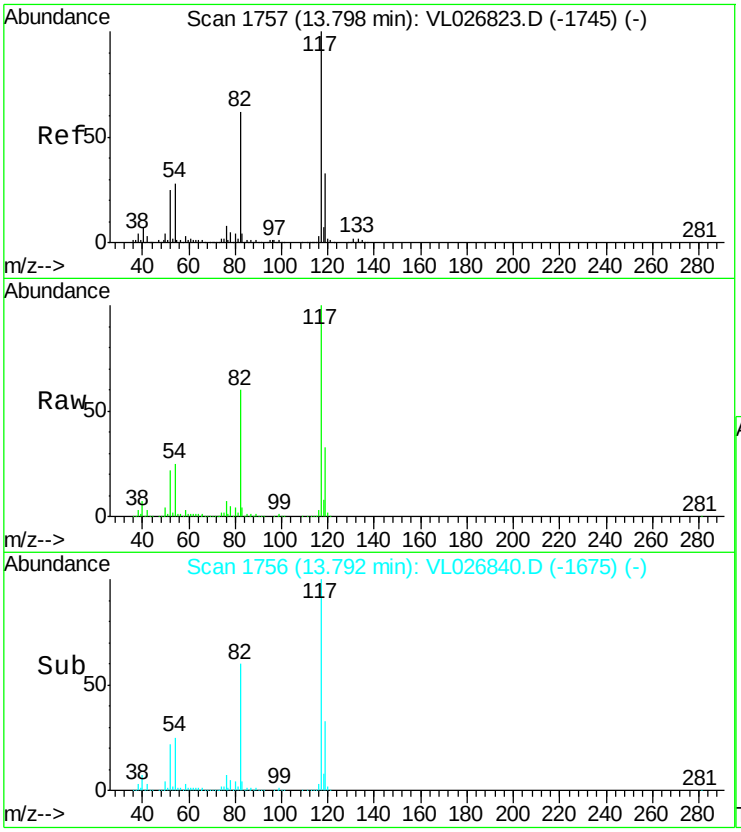


#53
Toluene
Concen: 0.15 ppbv
RT: 11.28 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 91 Resp: 65139

Ion	Ratio	Lower	Upper
91	100		
92	54.0	47.3	70.9



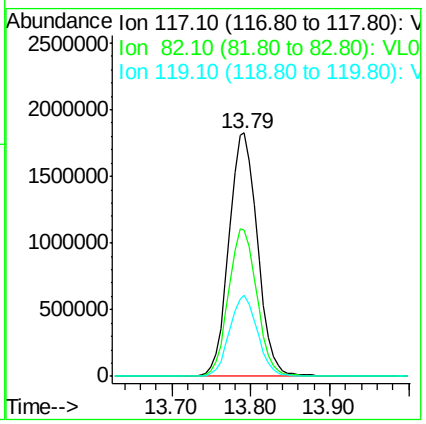


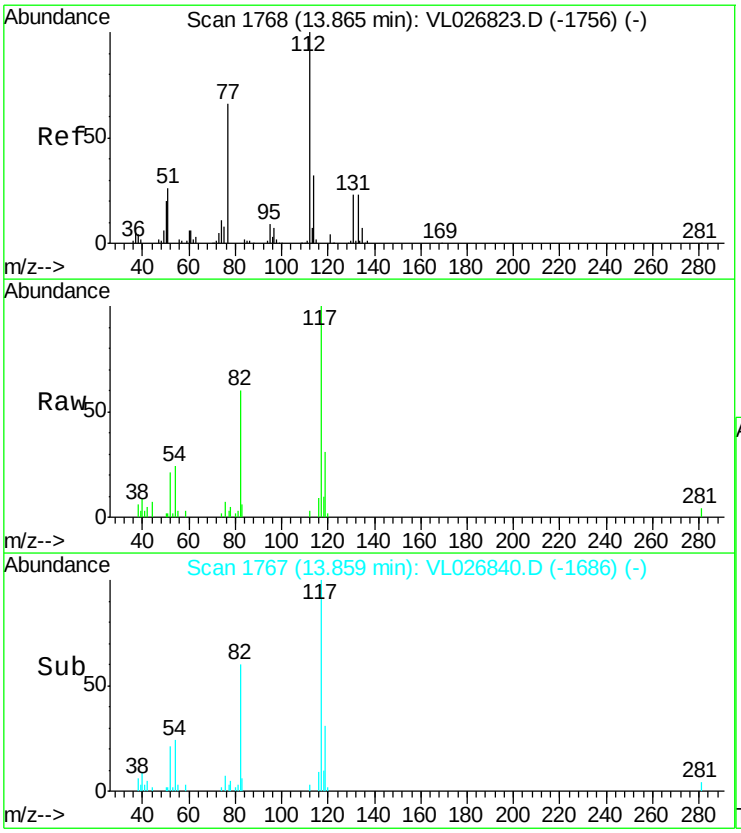
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion:117 Resp: 4613614

Ion	Ratio	Lower	Upper
117	100		
82	0.0	51.9	77.9#
119	32.8	48.5	72.7#

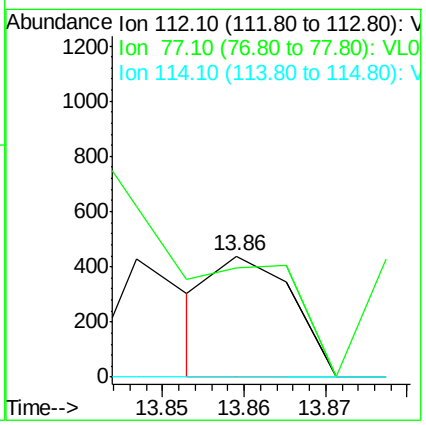


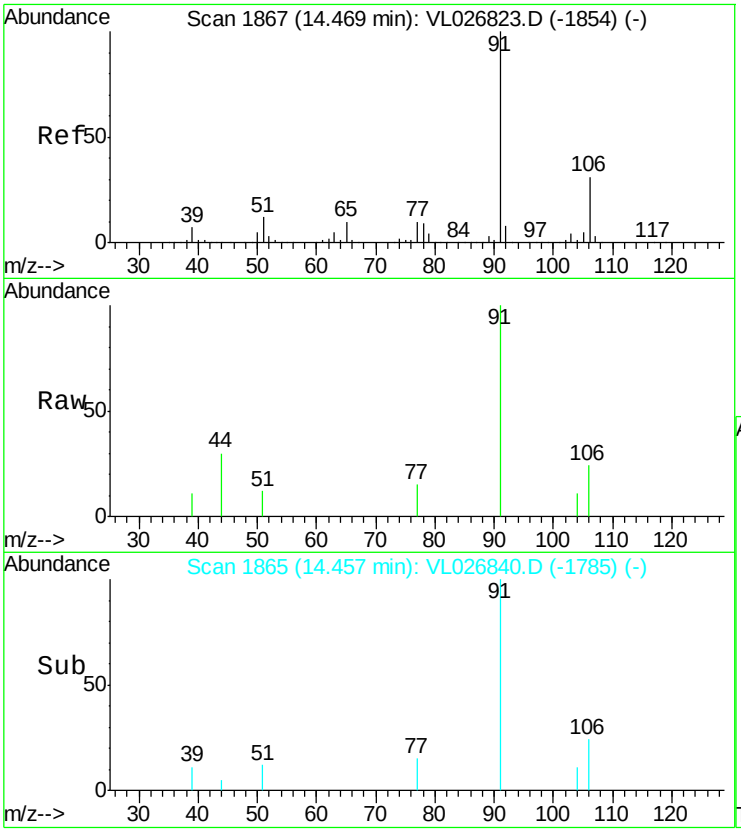


#57
Chlorobenzene
Concen: 0.00 ppbv
RT: 13.86 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:112 Resp: 286

Ion	Ratio	Lower	Upper
112	100		
77	89.5	53.3	79.9#
114	0.0	28.9	35.3#



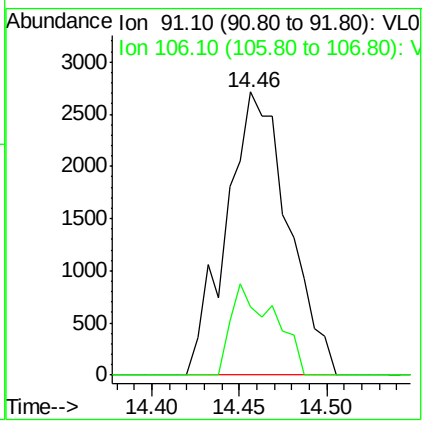


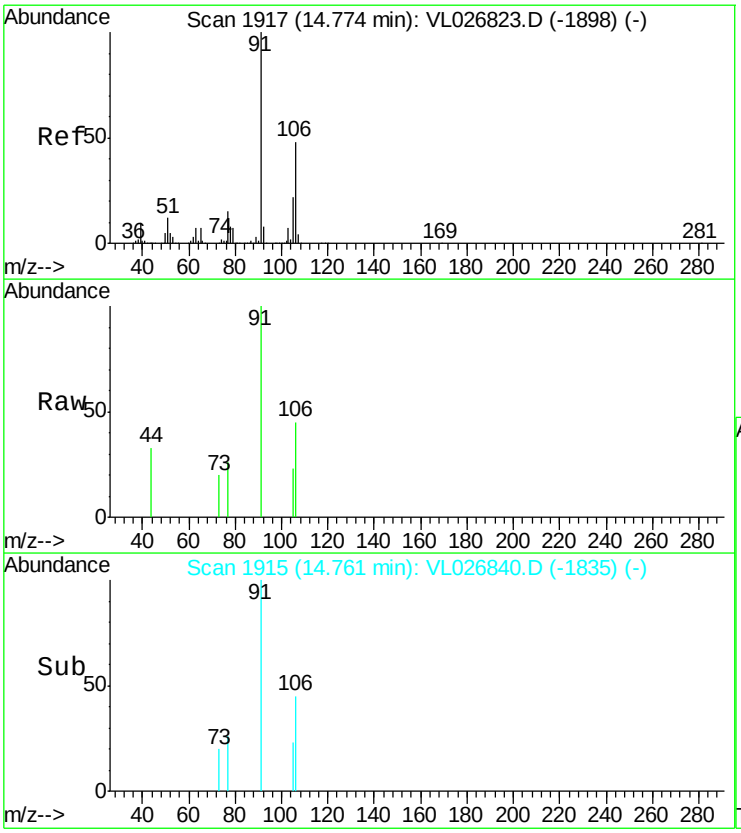
#58
Ethyl Benzene
Concen: 0.01 ppbv
RT: 14.46 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 91 Resp: 6693

Ion	Ratio	Lower	Upper
91	100		
106	24.0	24.9	37.3#

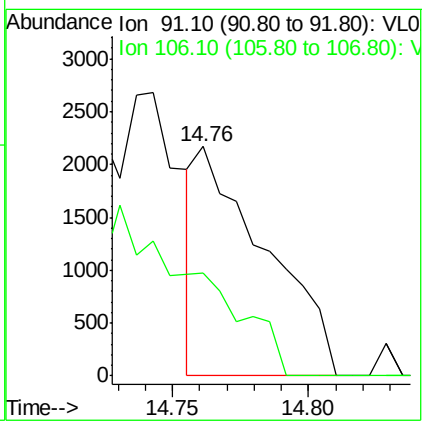


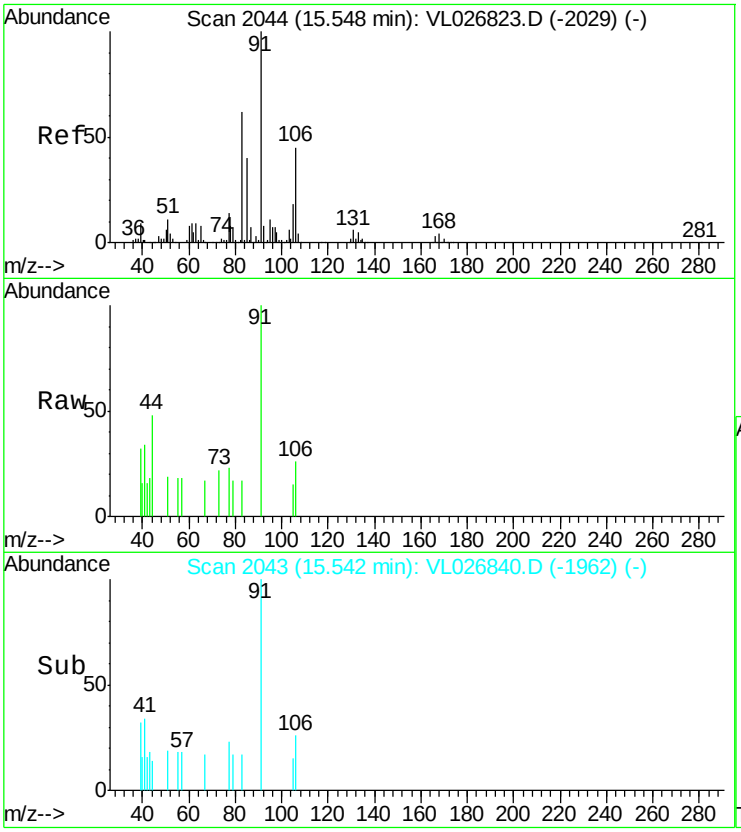


#59
m/p-Xylene
Concen: 0.01 ppbv
RT: 14.76 min Scan# 1915
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 91 Resp: 3830

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.2	57.2#



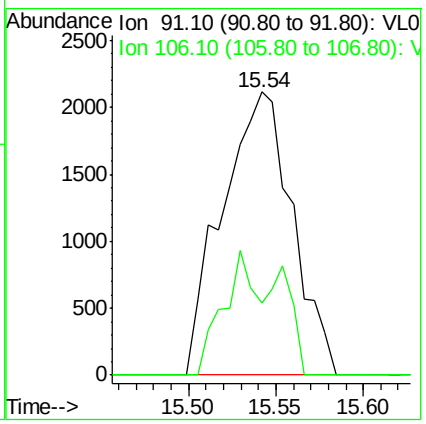


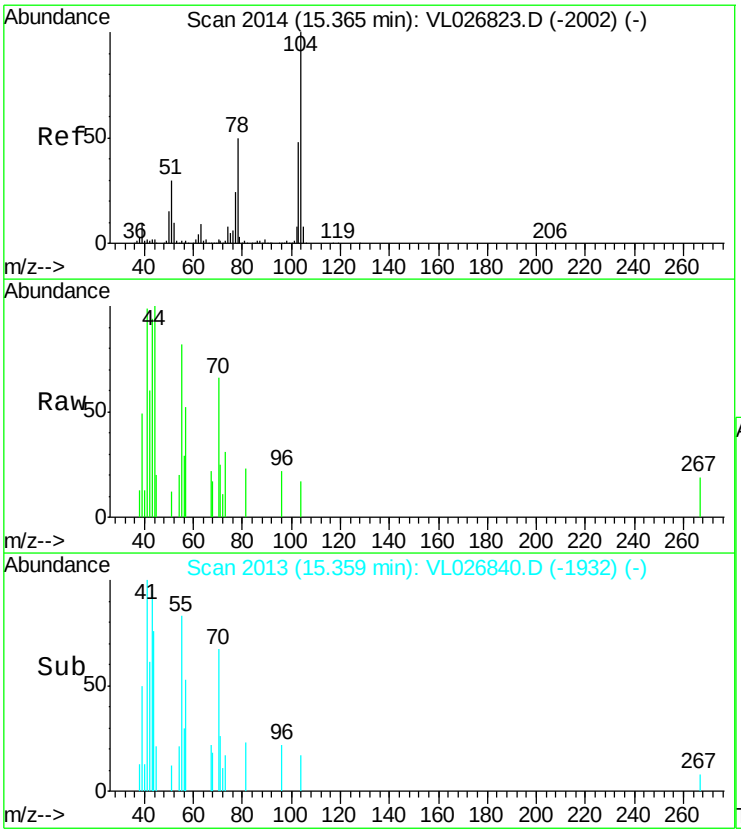
#60
o-Xylene
Concen: 0.01 ppbv
RT: 15.54 min Scan# 2043
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 91 Resp: 5890

Ion	Ratio	Lower	Upper
91	100		
106	33.8	22.3	66.8

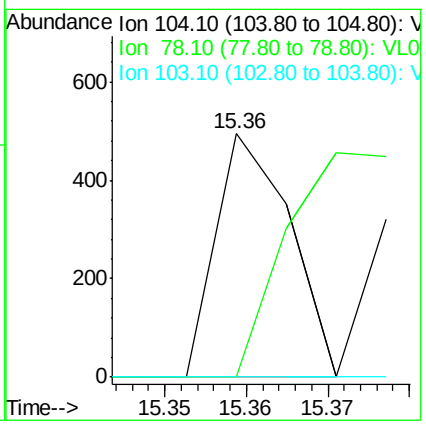


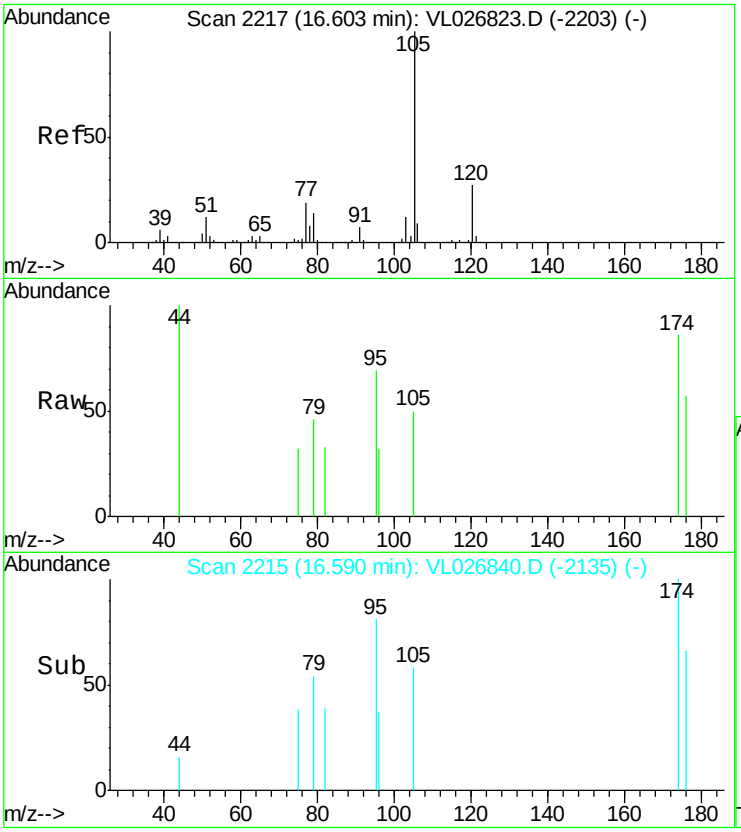


#61
Styrene
Concen: 0.00 ppbv
RT: 15.36 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:104 Resp: 310

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.8	59.6#
103	0.0	38.2	57.4#



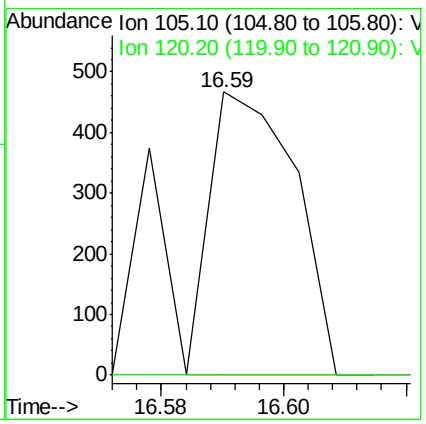


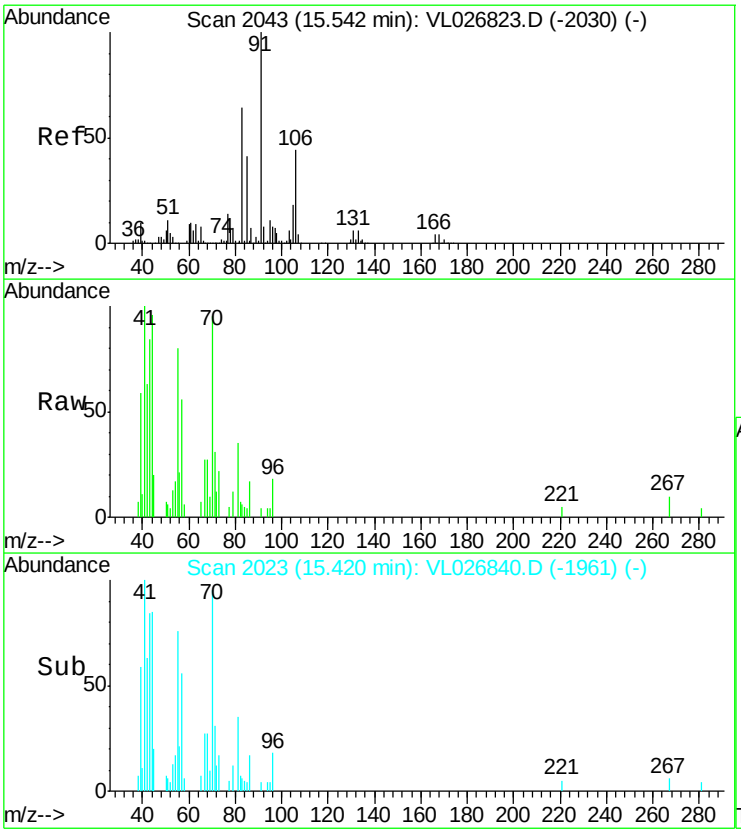
#62
Isopropylbenzene
Concen: 0.00 ppbv
RT: 16.59 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion:105 Resp: 450

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.0	31.4#

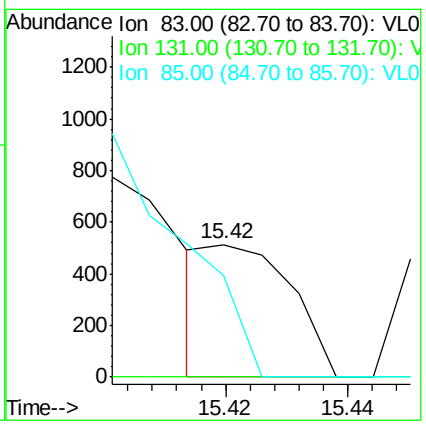


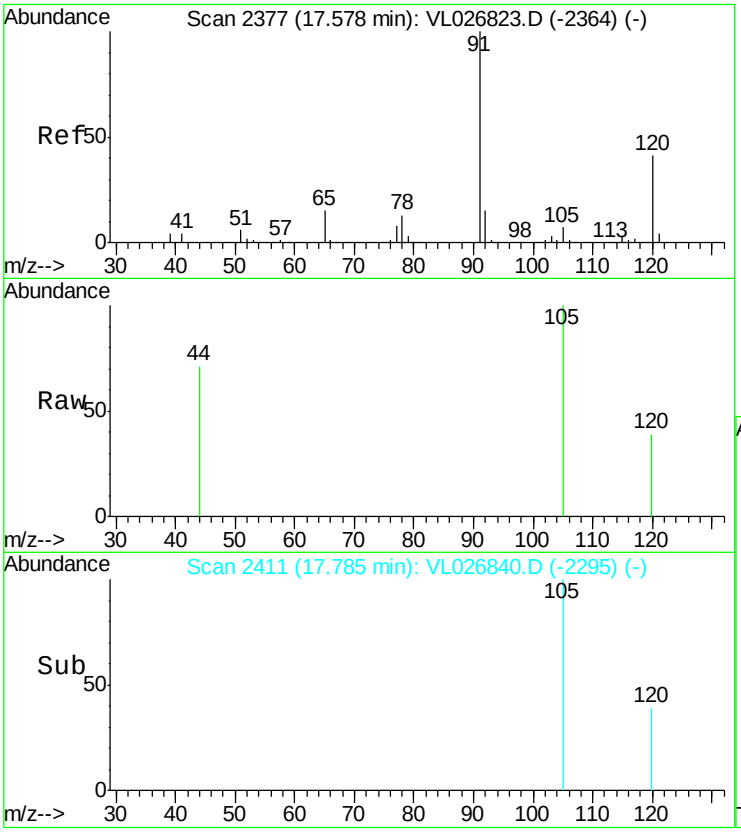


#63
1,1,2,2-Tetrachloroethane
Concen: 0.00 ppbv
RT: 15.42 min Scan# 2023
Delta R.T. -0.12 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion: 83 Resp: 480

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	0.0	32.3	96.9#



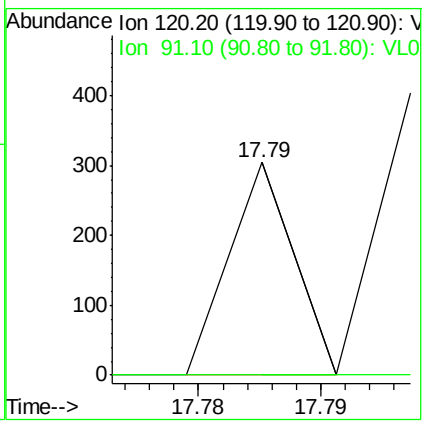


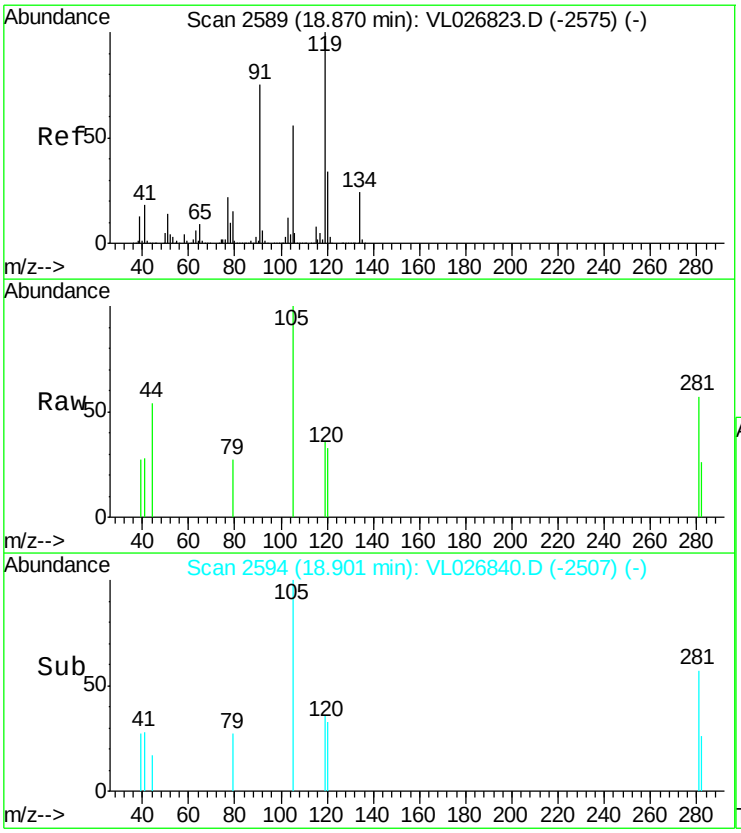
#64
n-propylbenzene
Concen: 0.00 ppbv
RT: 17.79 min Scan# 2411
Delta R.T. 0.21 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion:120 Resp: 111

Ion	Ratio	Lower	Upper
120	100		
91	1106.3	363.0	544.6#

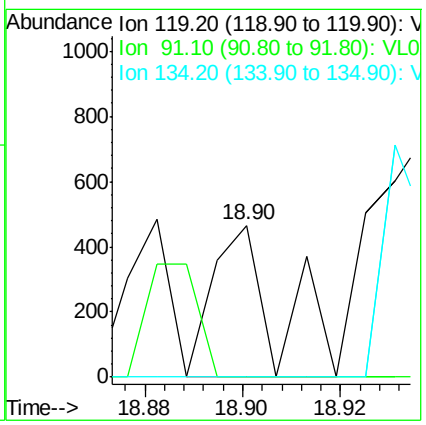


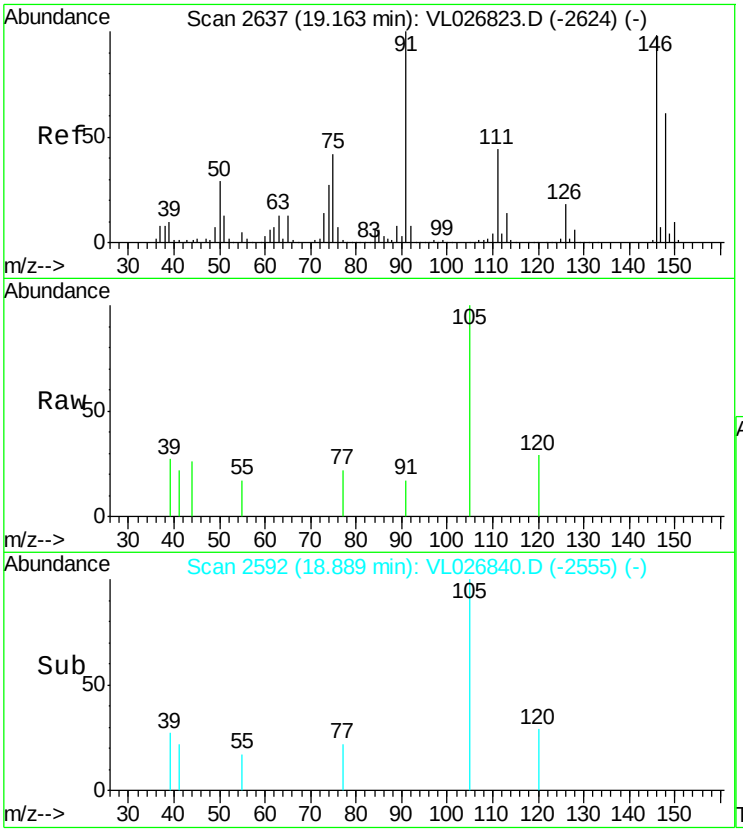


#65
tert-Butylbenzene
Concen: 0.00 ppbv
RT: 18.90 min Scan# 2594
Delta R.T. 0.03 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:119 Resp: 437

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



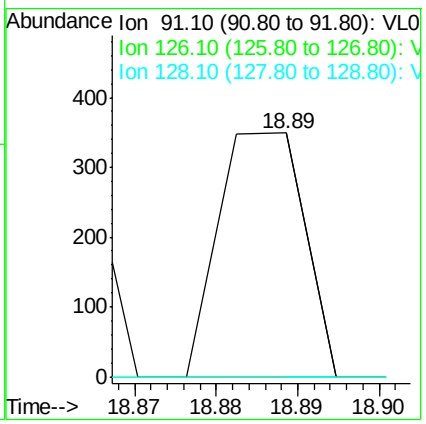


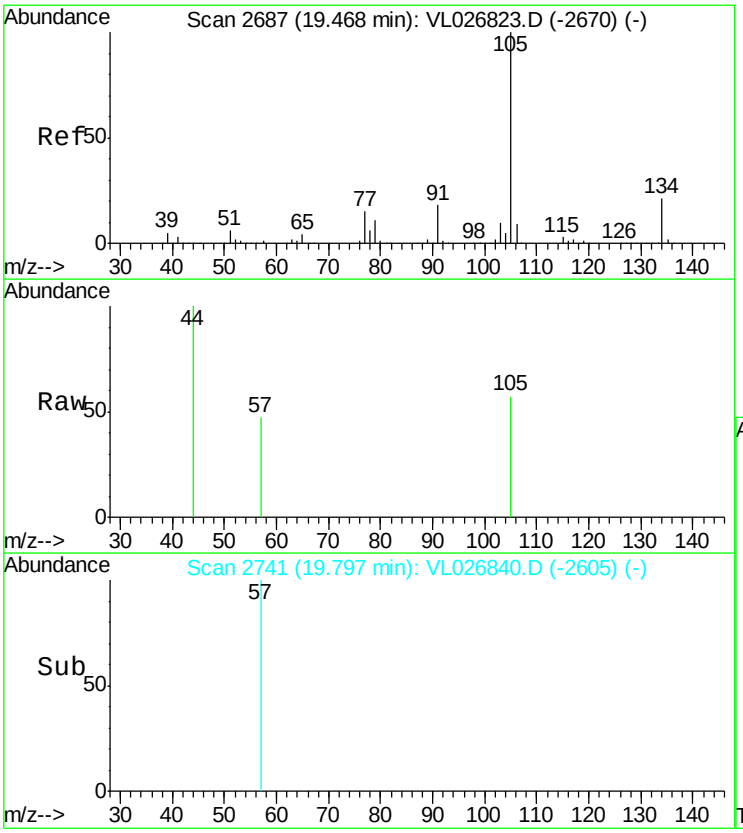
#66
Benzyl Chloride
Concen: 0.00 ppbv
RT: 18.89 min Scan# 2592
Delta R.T. -0.27 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 91 Resp: 255

Ion	Ratio	Lower	Upper
91	100		
126	512.5	14.6	21.8#
128	0.0	4.6	6.8#

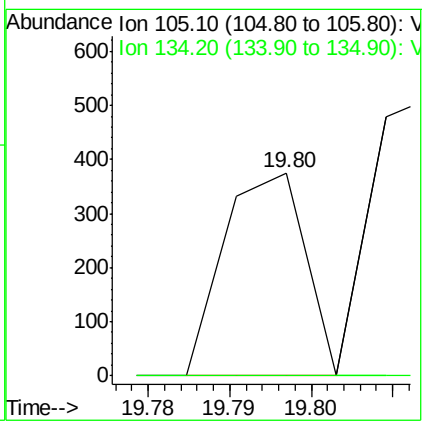


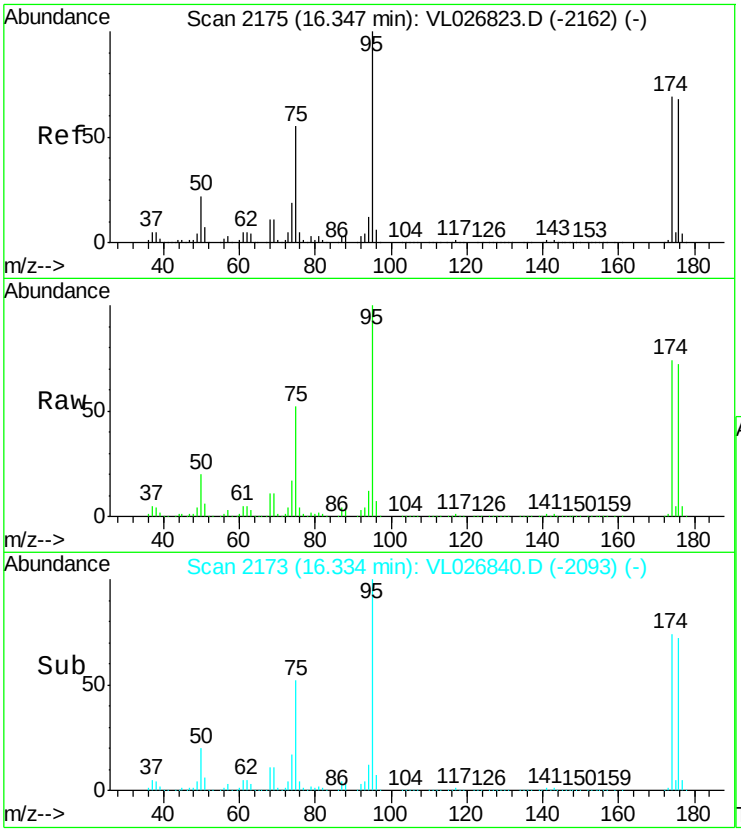


#67
sec-Butylbenzene
Concen: 0.00 ppbv
RT: 19.80 min Scan# 2741
Delta R.T. 0.33 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:105 Resp: 258

Ion	Ratio	Lower	Upper
105	100		
134	0.0	16.1	24.1#



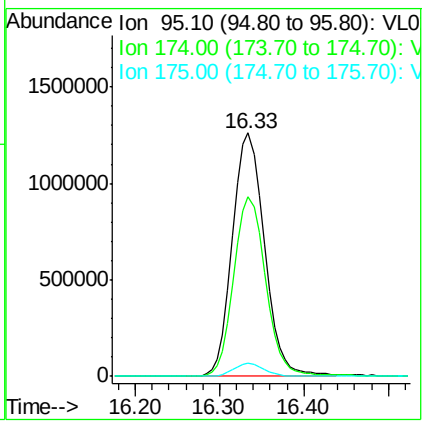


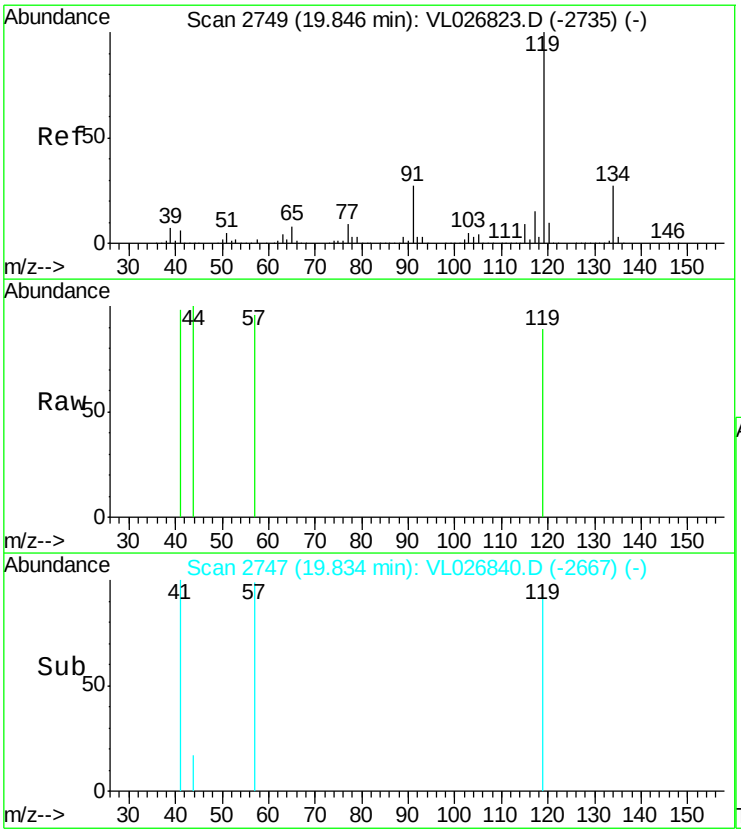
#68
1-Bromo-4-Fluorobenzene
Concen: 9.85 ppbv
RT: 16.33 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 95 Resp: 3262337

Ion	Ratio	Lower	Upper
95	100		
174	74.2	55.6	83.4
175	5.2	3.9	5.9

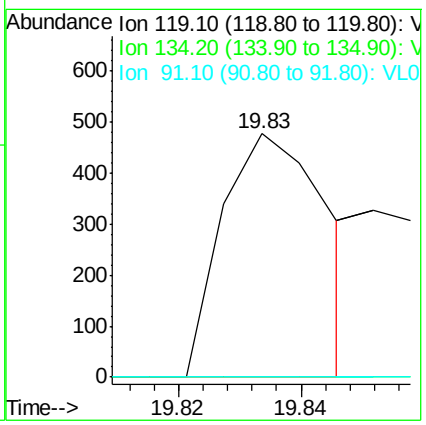


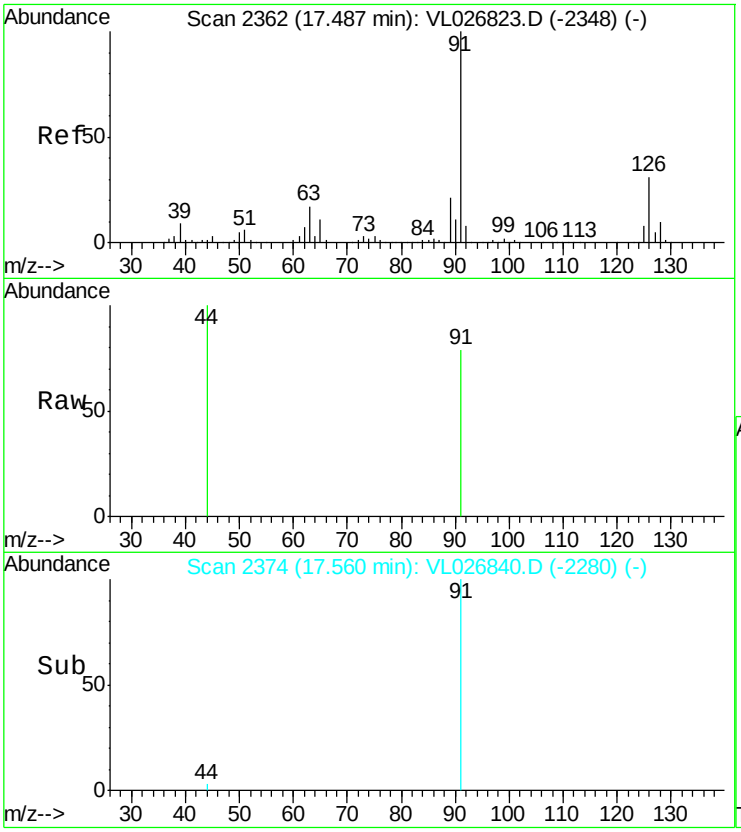


#69
p-Isopropyltoluene
Concen: 0.00 ppbv
RT: 19.83 min Scan# 2747
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:119 Resp: 564

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.3	31.9#
91	0.0	21.5	32.3#



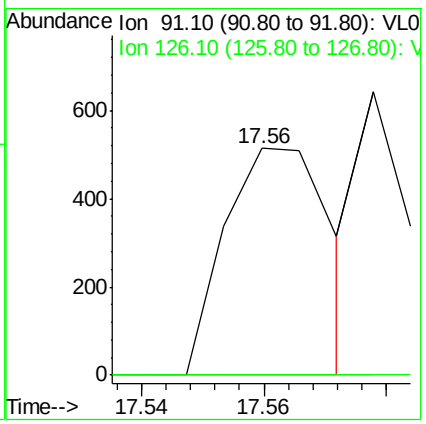


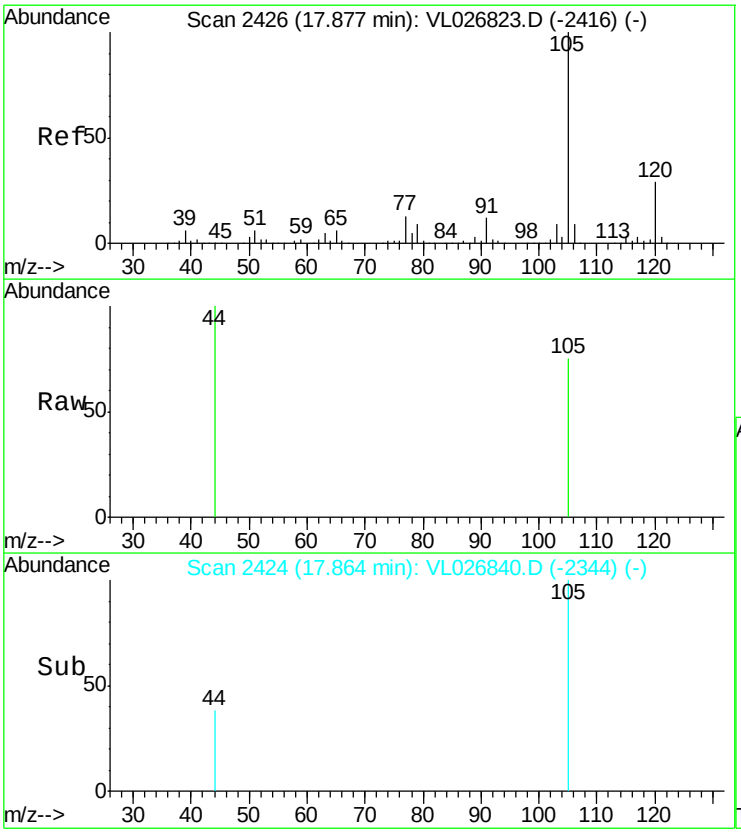
#71
2-Chlorotoluene
Concen: 0.00 ppbv
RT: 17.56 min Scan# 2374
Delta R.T. 0.07 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion: 91 Resp: 613

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.2	48.8#

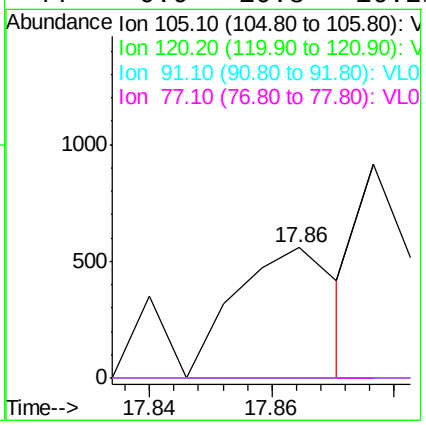


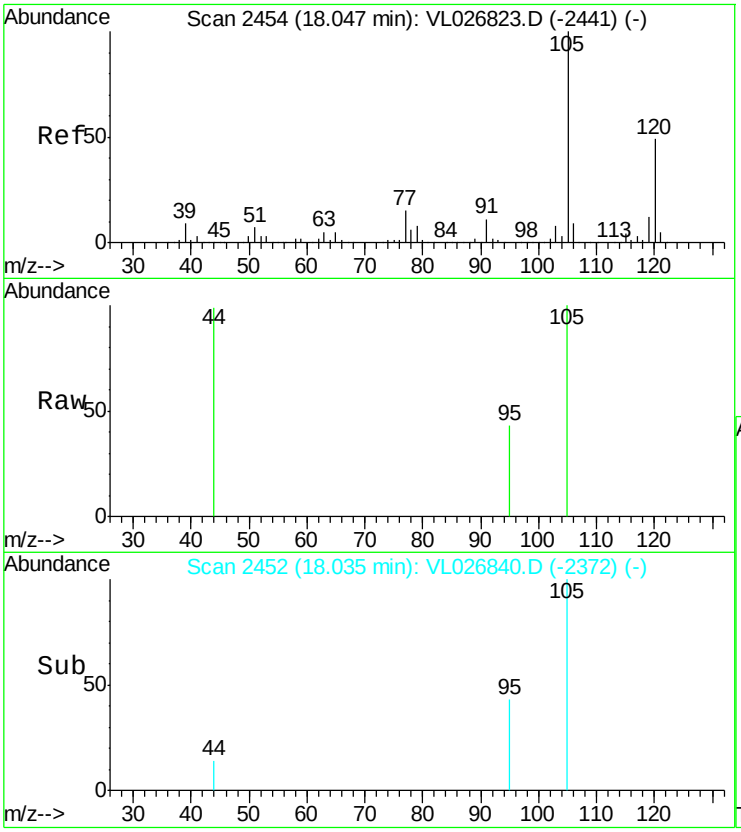


#72
4-Ethyltoluene
Concen: 0.00 ppbv
RT: 17.86 min Scan# 2424
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:105 Resp: 646

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.8	35.6#
91	0.0	10.2	15.4#
77	0.0	10.8	16.2#



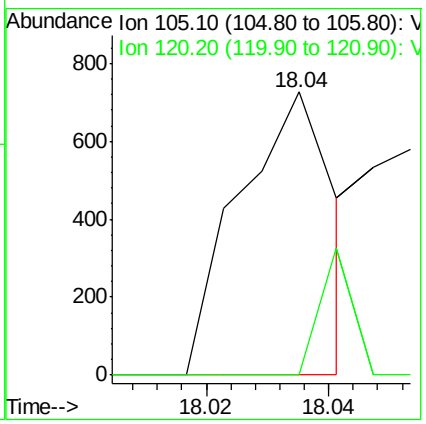


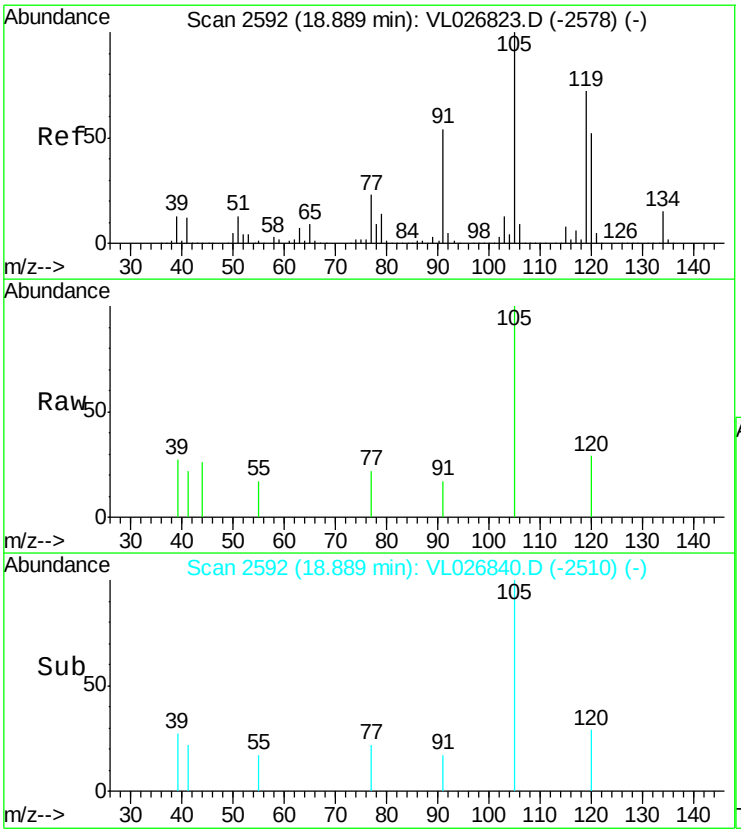
#73
1,3,5-Trimethylbenzene
Concen: 0.00 ppbv
RT: 18.04 min Scan# 2452
Delta R.T. -0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument : MSVOA_L
ClientSampleId : IAS-1DL

Tgt Ion:105 Resp: 781

Ion	Ratio	Lower	Upper
105	100		
120	0.0	39.4	59.0#

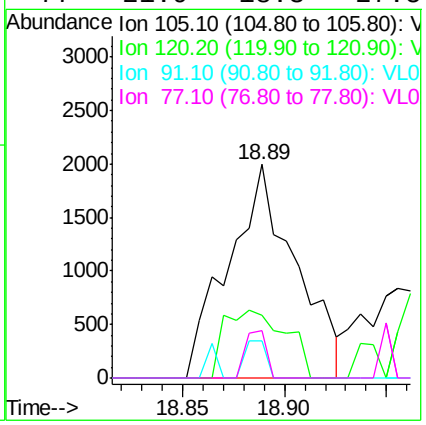


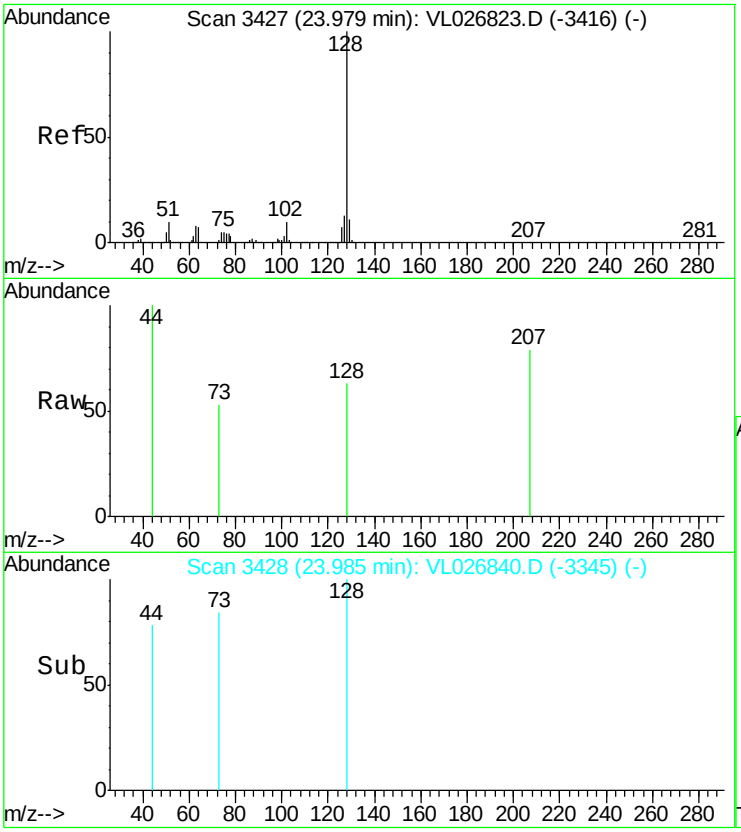


#74
1,2,4-Trimethylbenzene
Concen: 0.01 ppbv
RT: 18.89 min Scan# 2592
Delta R.T. -0.00 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Tgt Ion:105 Resp: 4577

Ion	Ratio	Lower	Upper
105	100		
120	29.3	41.3	61.9#
91	17.5	43.3	64.9#
77	21.9	18.3	27.5





#79
Naphthalene
Concen: 0.00 ppbv
RT: 23.99 min Scan# 3428
Delta R.T. 0.01 min
Lab File: VL026840.D
Acq: 10 Feb 2016 4:52

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DL

Tgt Ion:128 Resp: 154

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#