Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112918\

Quantitation Report (Not Reviewed)

Data File : VL032836.D
Acq On : 29 Nov 2018 16:03
Operator : SY/AP
Sample : J6088-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Quant Time: Nov 30 06:24:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1334257	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3389010	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3116417	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2274884	9.76	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	101339	0.528	ppbv		99
3) Chlorodifluoromethane	3.02	51	1045887	9.887	ppbv	#	87
4) Chloromethane	3.18	50	28924	0.493	ppbv		97
9) Propene	3.24	41	152137	3.594	ppbv		98
10) Heptane	8.26	43	102235	0.633	ppbv		97
11) Trichlorofluoromethane	4.01	101	162937	0.901	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.56	101	11826	0.080	ppbv		100
13) Ethanol	3.66	45	678153	48.910	ppbv		98
15) Acetone	3.90	43	2840958	23.316	ppbv		98
16) 1,3-Butadiene	3.35	39	11023	0.234	ppbv	#	6
17) tert-Butyl alcohol	4.38	59	7035	0.184	ppbv	#	73
19) Isopropyl Alcohol	4.04	45	627559	7.731	ppbv	#	1
20) Methylene Chloride	4.42	84	226342	3.588	ppbv		96
21) Allyl Chloride	4.67	41	12666	0.124	ppbv		87
23) Vinyl Acetate	5.15	43	118425	0.533	ppbv	#	1
25) Ethyl Acetate	5.79	43	370895	1.306	ppbv	#	84
26) Hexane	5.79	57	462801	3.661	ppbv	#	47
29) Chloroform	5.86	83	19596	0.087	ppbv		88
30) Cyclohexane	7.25	84	14472	0.131	ppbv	#	25
31) cis-1,2-Dichloroethene	5.78	61	7590	0.060	ppbv	#	34
34) 2-Butanone	5.34	43	612276	3.483	ppbv		99
35) Carbon Tetrachloride	7.15	117	10364	0.038	ppbv	#	72
36) Benzene	7.01	78	167411	0.620	ppbv		95
38) Trichloroethene	7.97	130	101195	0.927	ppbv		92
39) 1,2-Dichloropropane	7.30	63	834751	8.118	ppbv	#	23
41) Tetrahydrofuran	6.16	42	63752	0.632	ppbv		99
44) 2,2,4-Trimethylpentane	8.00	57	344276	0.763	ppbv	#	86
52) Tetrachloroethene	11.38	164	52469	0.559	ppbv		91
53) Toluene	9.95	91	3494934	12.414	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.45	131	13063	0.090	ppbv	#	41
58) Ethyl Benzene	12.87	91	305419	0.814	ppbv		97
59) m/p-Xylene	13.13	91	951865	2.851	ppbv		100
60) o-Xylene	13.86	91	286602	0.854	ppbv		98
61) Styrene	13.69	104	8694	0.040	ppbv	#	50
64) n-propylbenzene	15.73	120	5100	0.043	ppbv	#	1
65) tert-Butylbenzene	16.93	119	15716	0.039	ppbv	#	19
72) 4-Ethyltoluene	16.01	105	71253	0.194	ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.17	105	60696	0.169	ppbv		97
74) 1,2,4-Trimethylbenzene	16.93	105	288658	0.750	ppbv	#	70
79) Naphthalene	22.42	128	18726	0.074	ppbv	#	88
80) Naphthalene,2-methyl-	25.13	142	6177	0.098	ppbv	#	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112918\

Quantitation Report (Not Reviewed)

Data File : VL032836.D
Acq On : 29 Nov 2018 16:03
Operator : SY/AP
Sample : J6088-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Quant Time: Nov 30 06:24:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

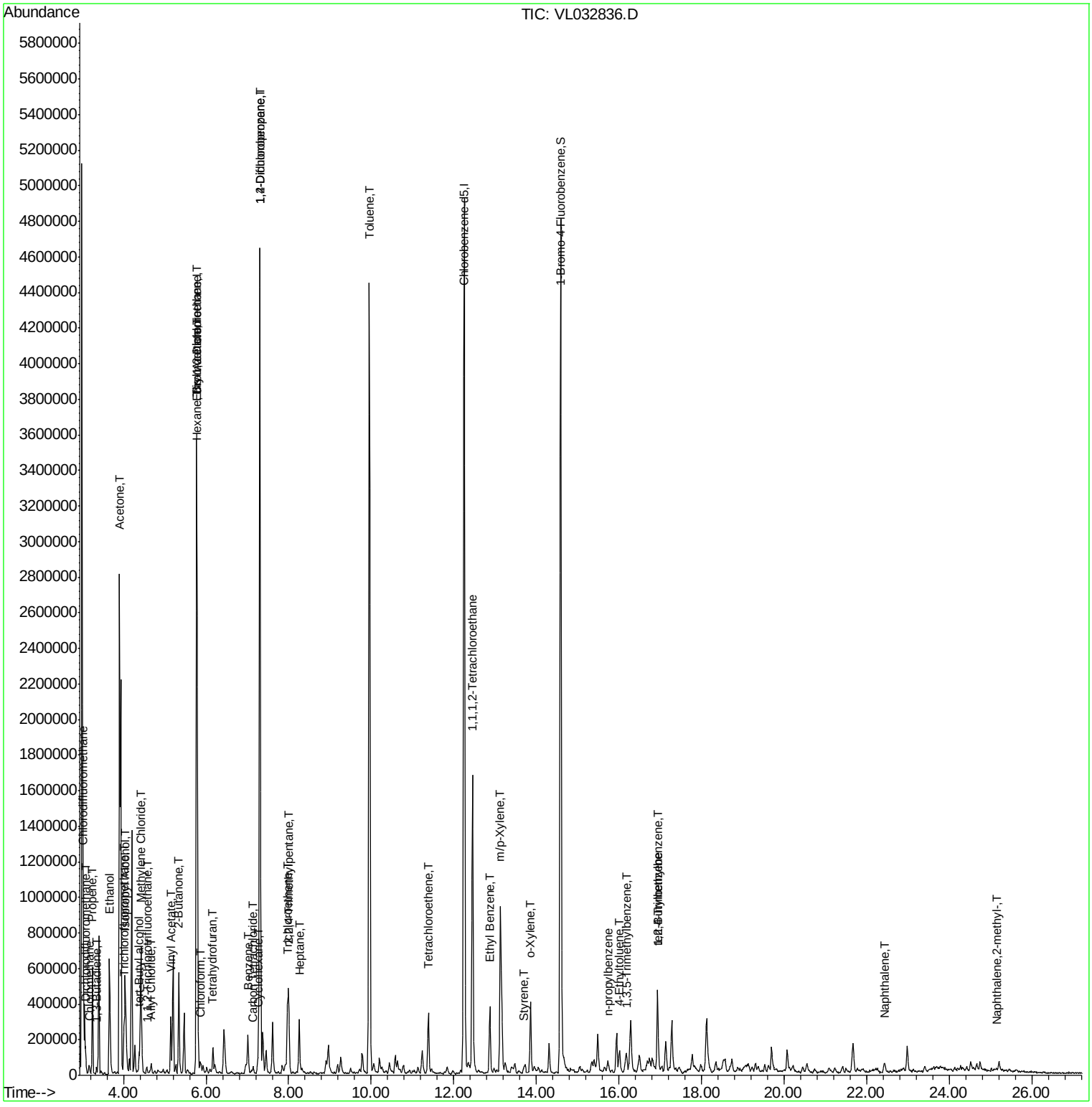
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112918\

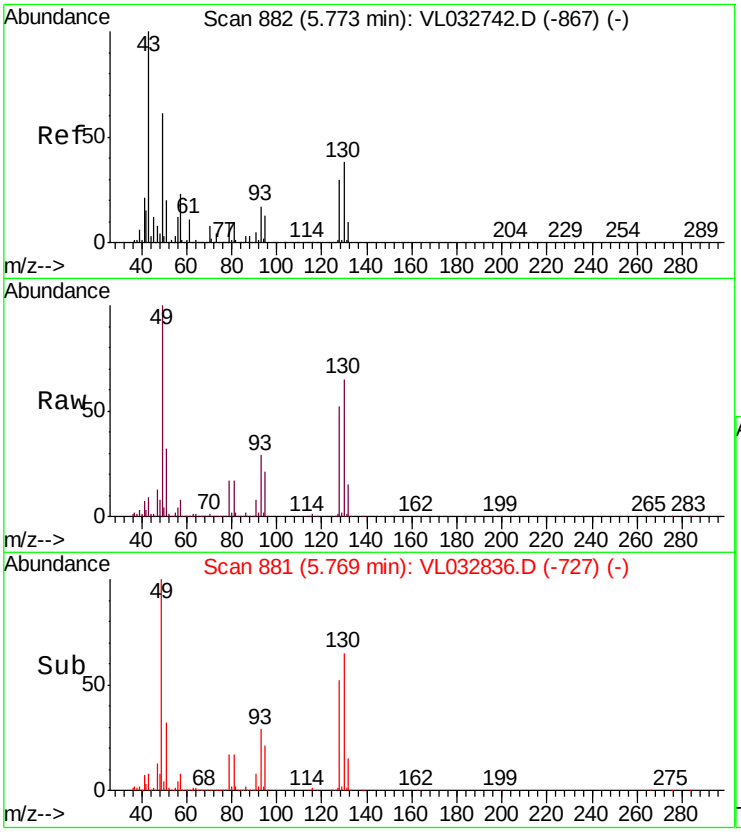
Quantitation Report (Not Reviewed)

Data File : VL032836.D
Acq On : 29 Nov 2018 16:03
Operator : SY/AP
Sample : J6088-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Quant Time: Nov 30 06:24:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



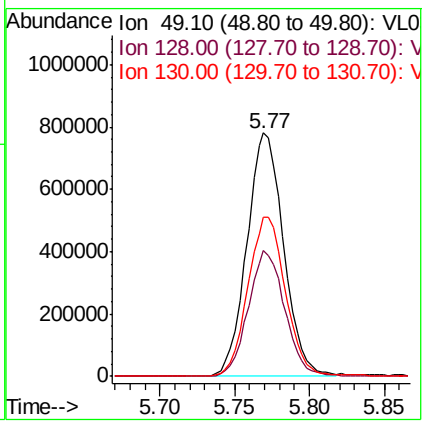


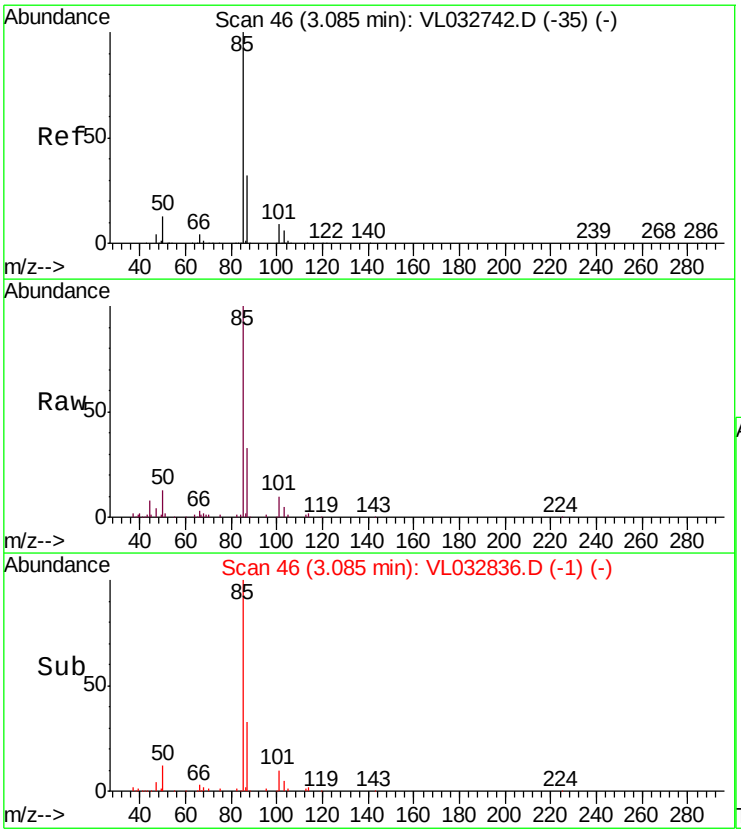
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 49 Resp: 1334257

Ion	Ratio	Lower	Upper
49	100		
128	51.7	24.9	74.6
130	67.6	31.4	94.2

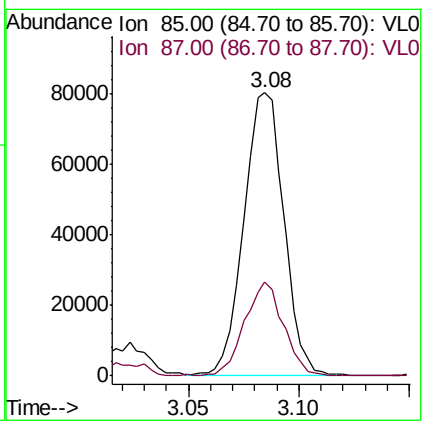


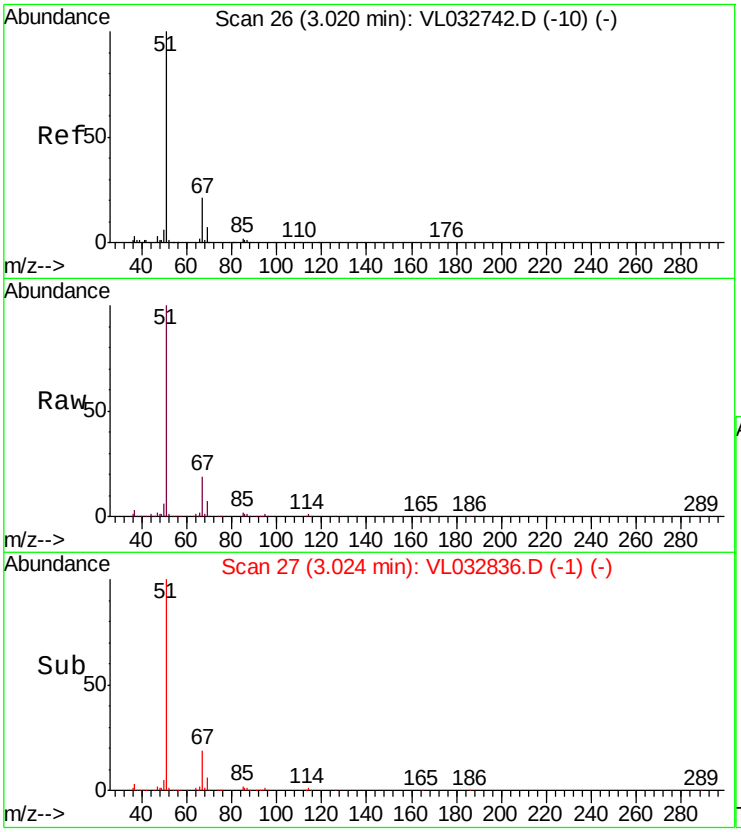


#2
Dichlorodifluoromethane
Concen: 0.528 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 85 Resp: 101339

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.0	39.0



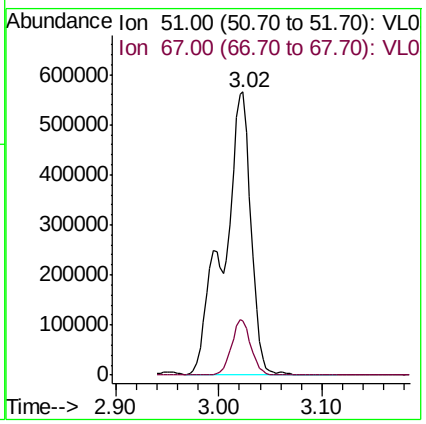


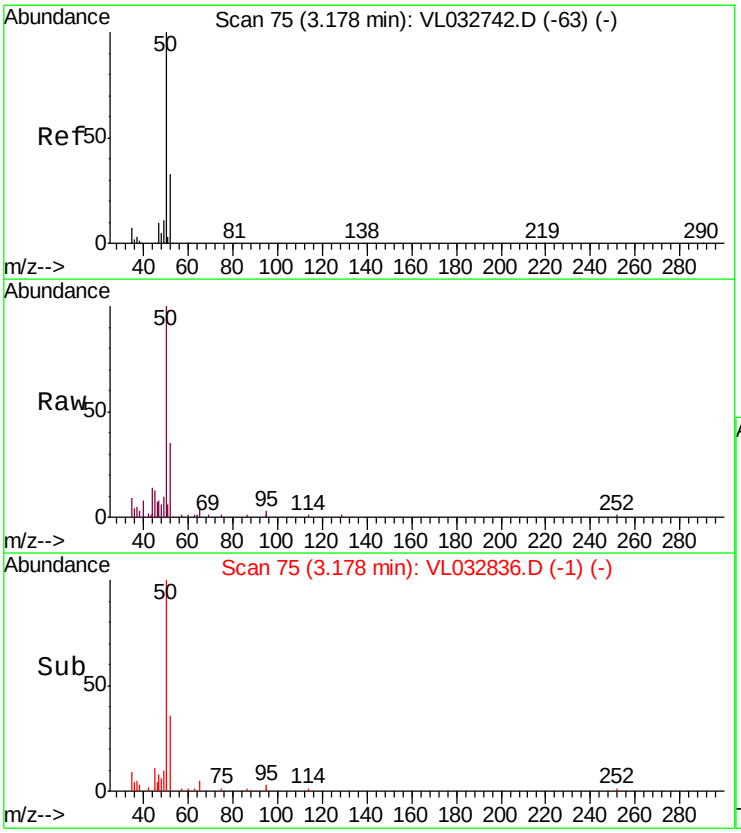
#3
Chlorodifluoromethane
Concen: 9.887 ppbv
RT: 3.02 min Scan# 27
Delta R.T. 0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 51 Resp: 1045887

Ion	Ratio	Lower	Upper
51	100		
67	13.9	16.1	24.1#

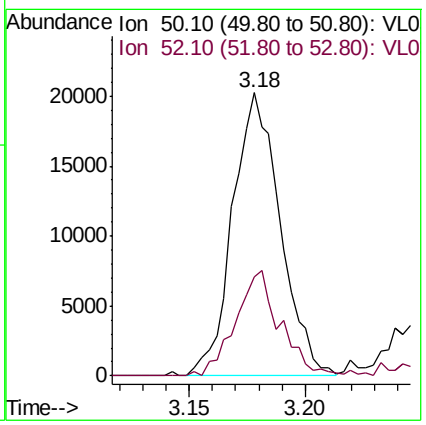


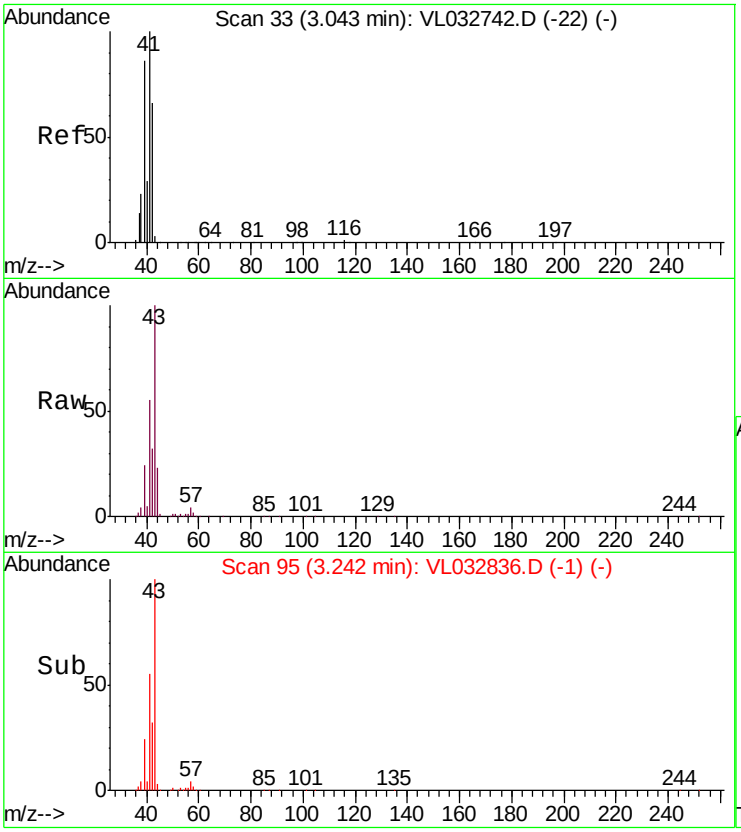


#4
Chloromethane
Concen: 0.493 ppbv
RT: 3.18 min Scan# 75
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 50 Resp: 28924

Ion	Ratio	Lower	Upper
50	100		
52	35.0	26.6	40.0



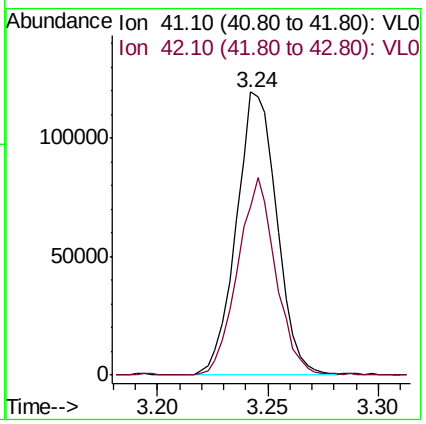


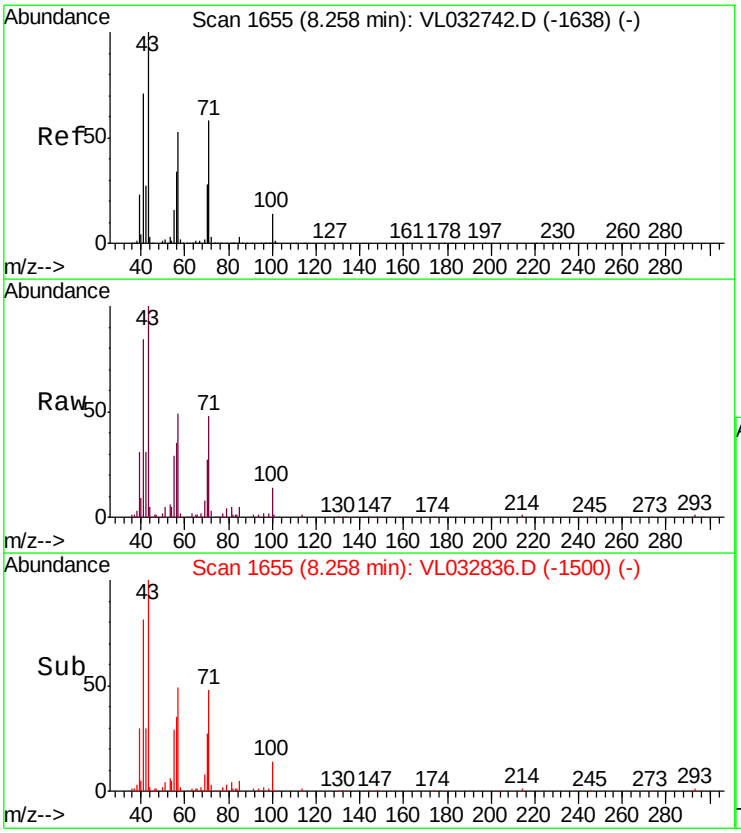
#9
Propene
Concen: 3.594 ppbv
RT: 3.24 min Scan# 95
Delta R.T. 0.20 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 41 Resp: 152137

Ion	Ratio	Lower	Upper
41	100		
42	66.9	55.0	82.6

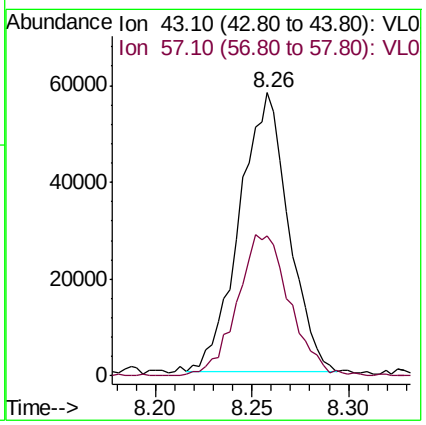


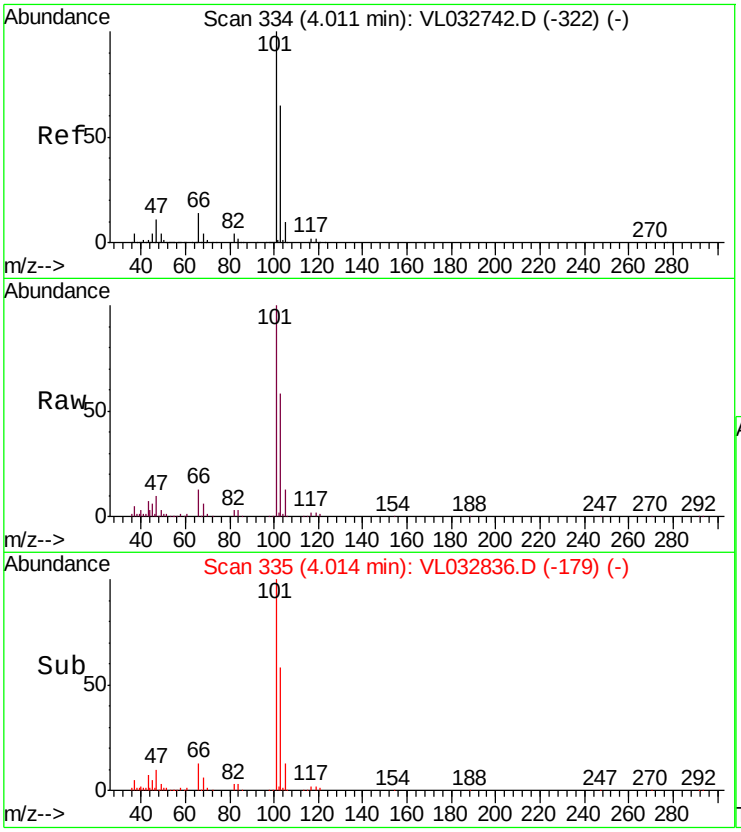


#10
Heptane
Concen: 0.633 ppbv
RT: 8.26 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 43 Resp: 102235

Ion	Ratio	Lower	Upper
43	100		
57	54.3	41.8	62.8



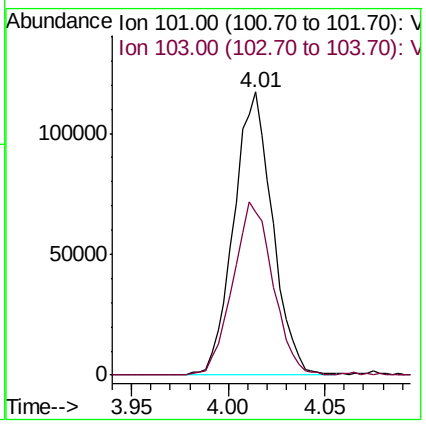


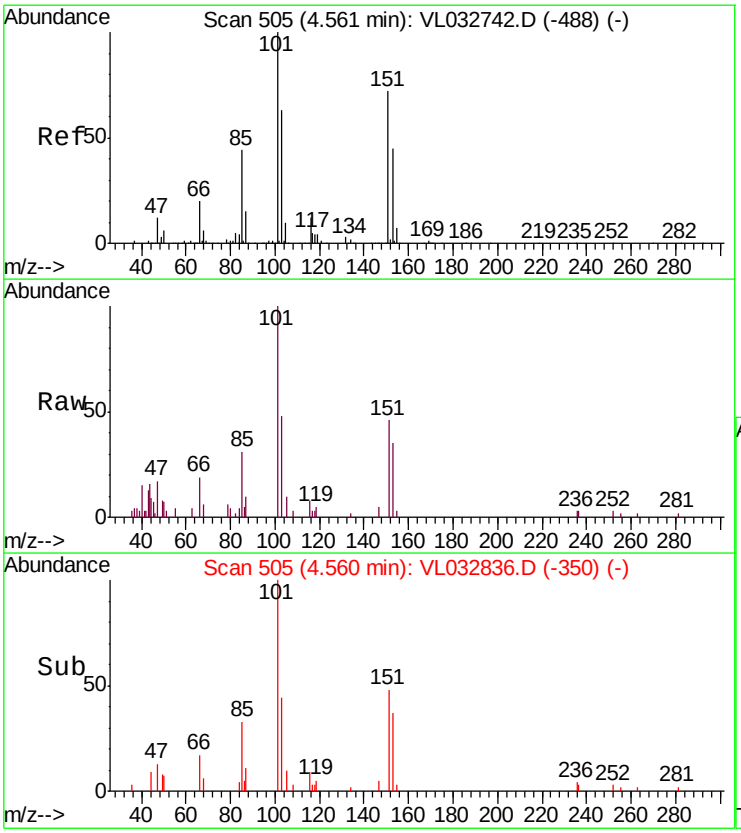
#11
Trichlorofluoromethane
Concen: 0.901 ppbv
RT: 4.01 min Scan# 335
Delta R.T. 0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion:101 Resp: 162937

Ion	Ratio	Lower	Upper
101	100		
103	57.5	51.6	77.4

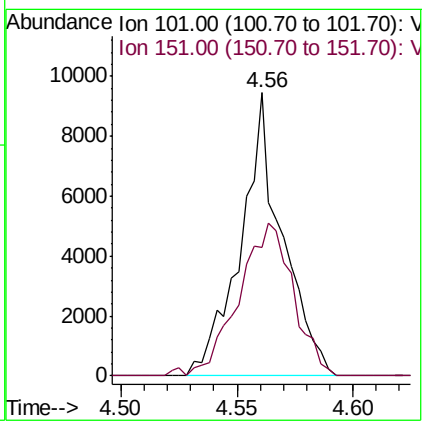


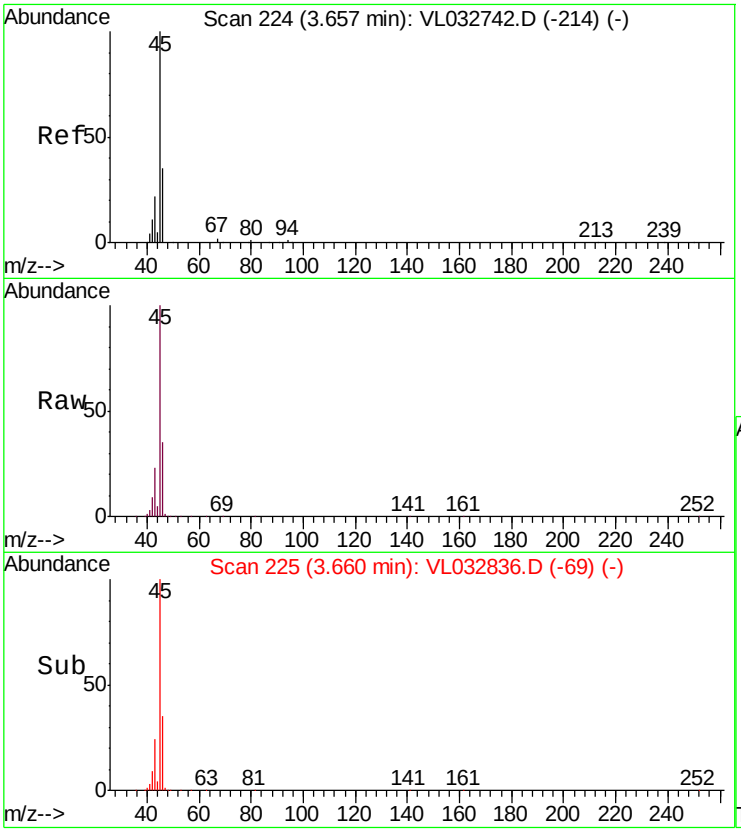


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.080 ppbv
RT: 4.56 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:101 Resp: 11826

Ion	Ratio	Lower	Upper
101	100		
151	70.6	56.7	85.1



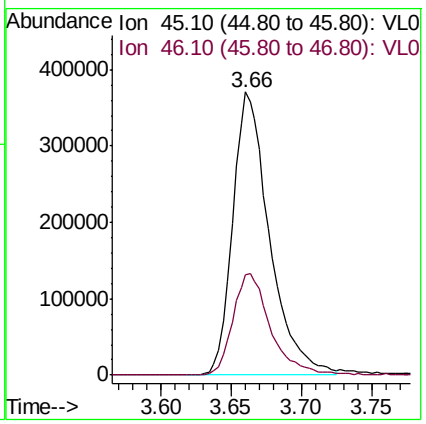


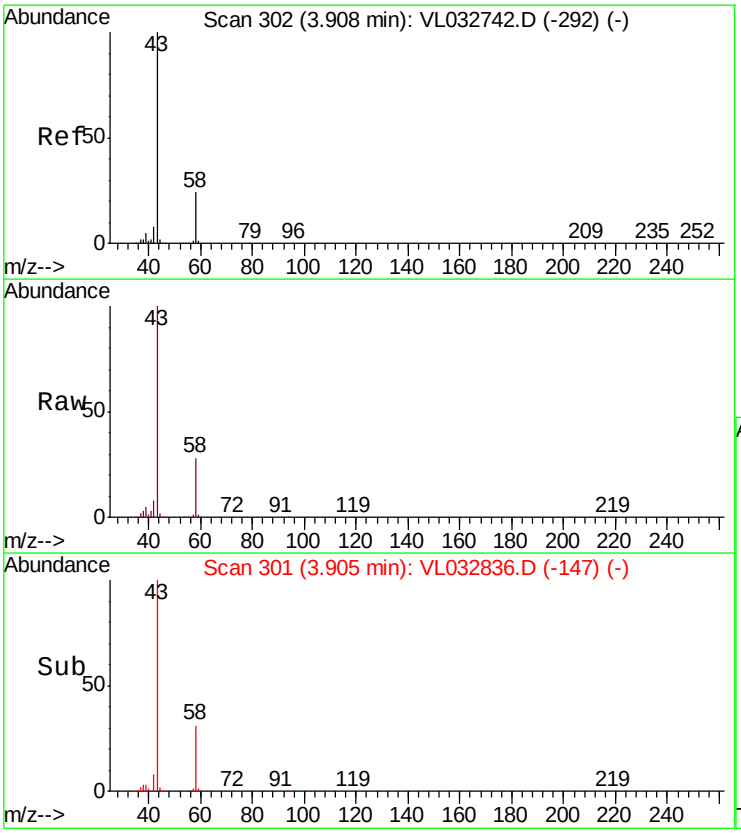
#13
Ethanol
Concen: 48.910 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 45 Resp: 678153

Ion	Ratio	Lower	Upper
45	100		
46	37.1	14.5	57.9

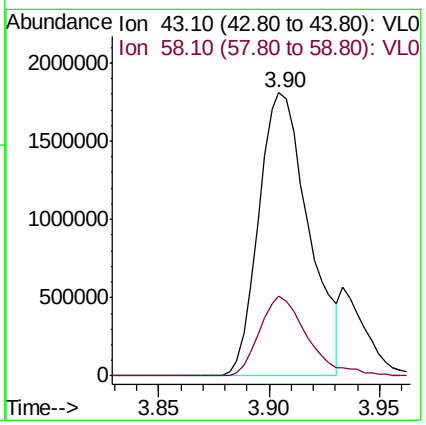


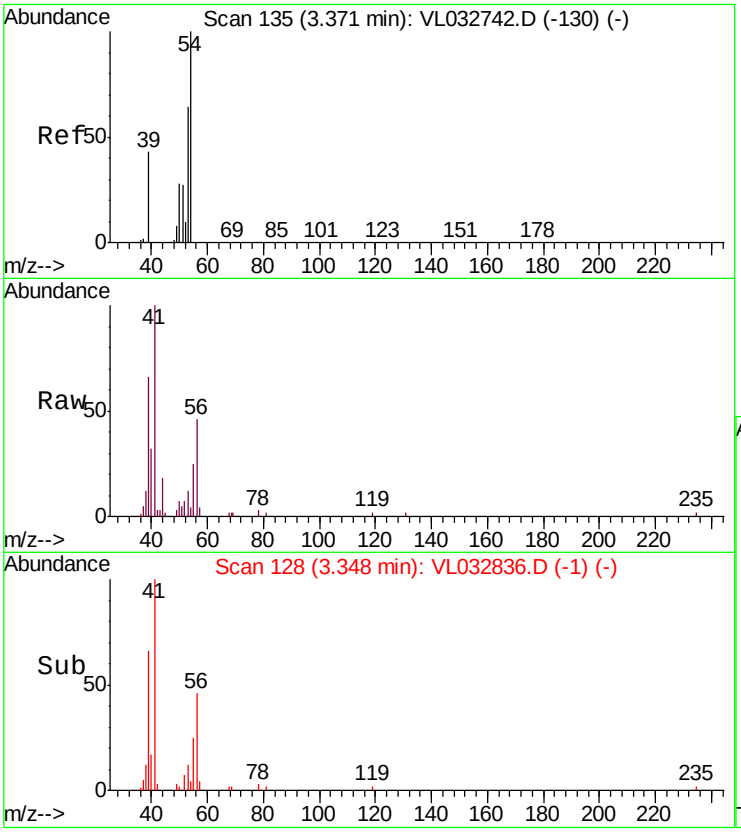


#15
Acetone
Concen: 23.316 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 43 Resp: 2840958

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.1	31.7



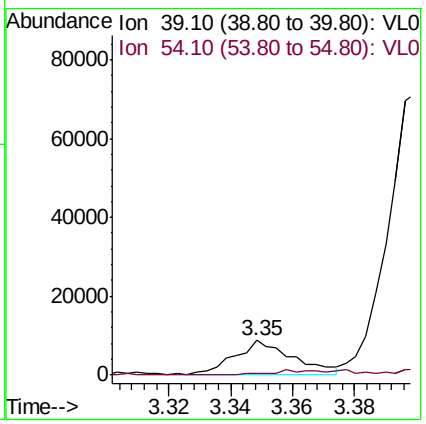


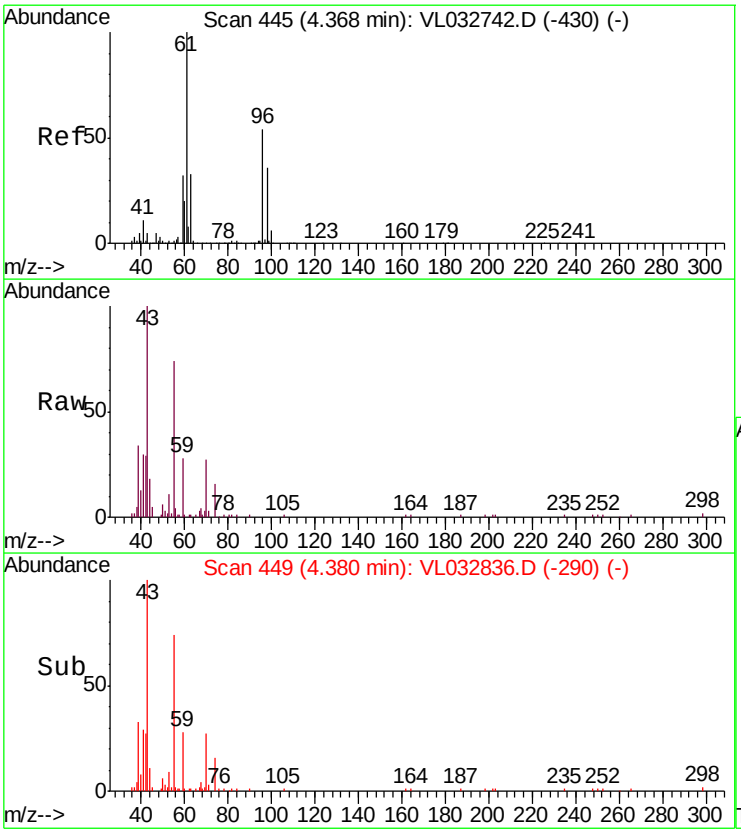
#16
1,3-Butadiene
Concen: 0.234 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 39 Resp: 11023

Ion	Ratio	Lower	Upper
39	100		
54	0.0	68.9	103.3#

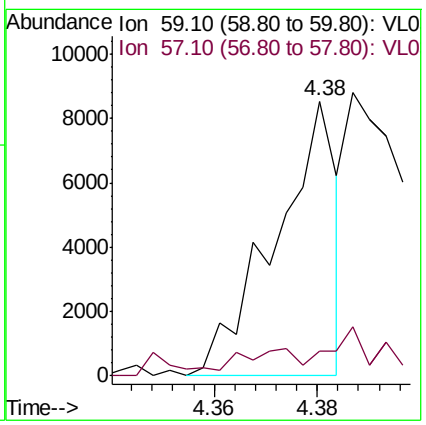


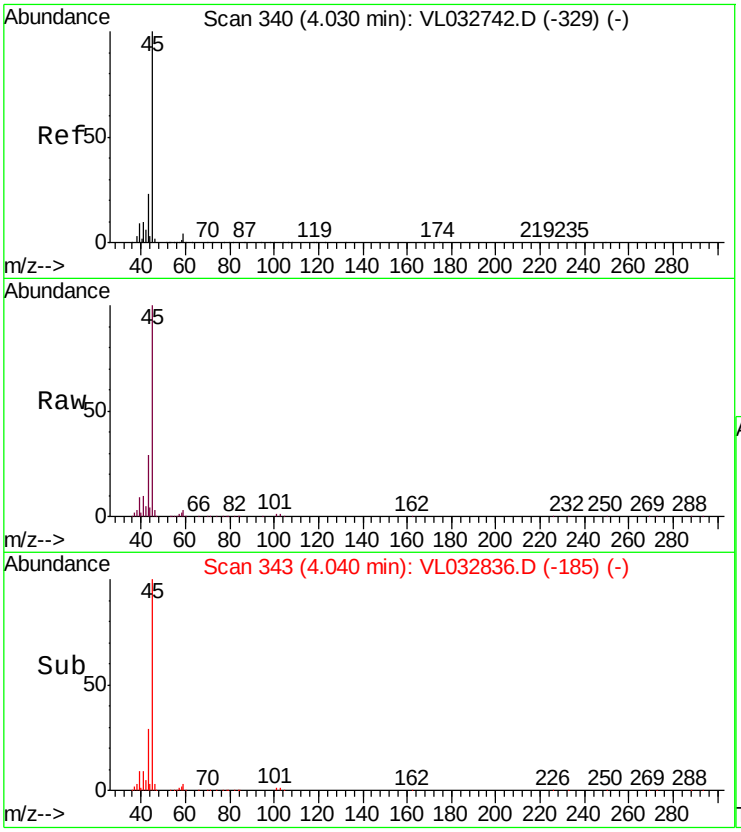


#17
tert-Butyl alcohol
Concen: 0.184 ppbv
RT: 4.38 min Scan# 449
Delta R.T. 0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 59 Resp: 7035

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



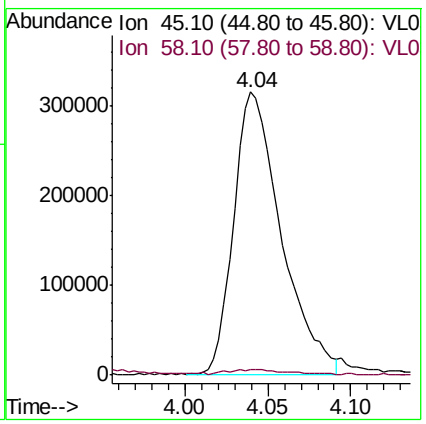


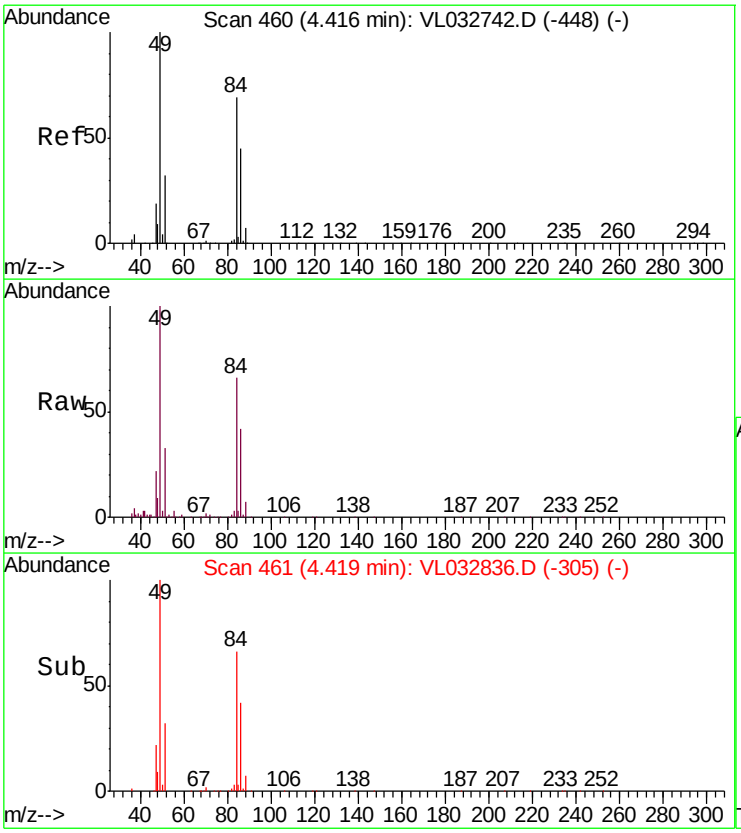
#19
Isopropyl Alcohol
Concen: 7.731 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 45 Resp: 627559

Ion	Ratio	Lower	Upper
45	100		
58	123.5	1.4	2.0#

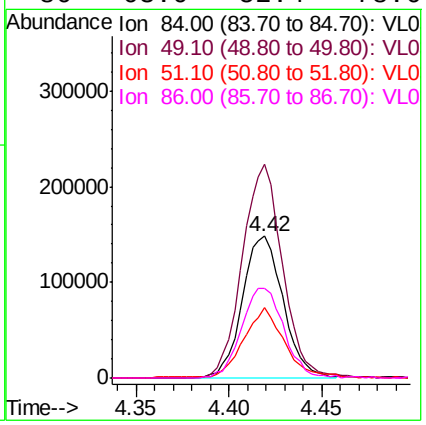


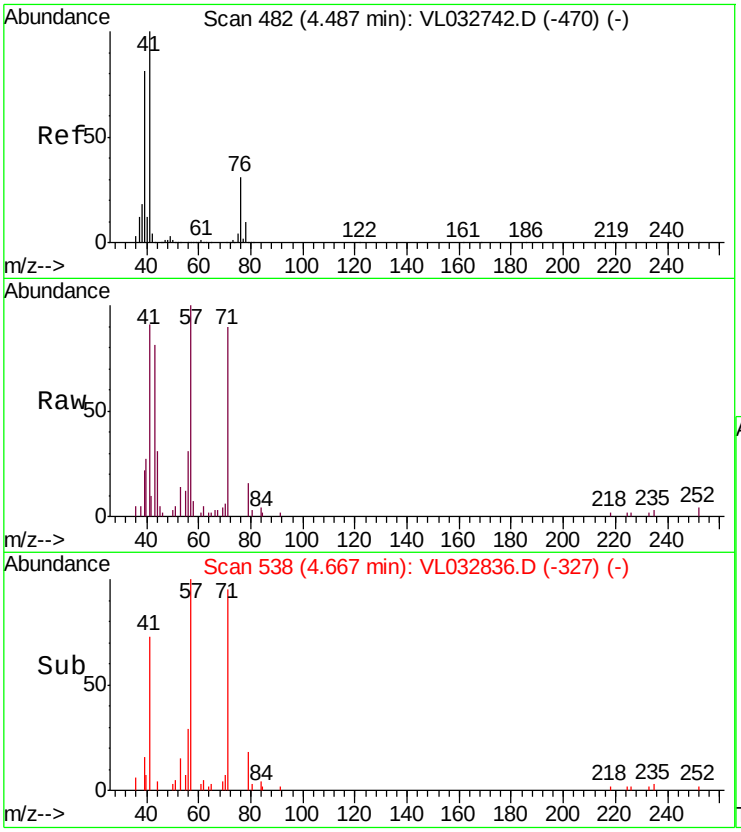


#20
Methylene Chloride
Concen: 3.588 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 84 Resp: 226342

Ion	Ratio	Lower	Upper
84	100		
49	150.4	115.8	173.6
51	48.9	36.9	55.3
86	63.0	52.4	78.6



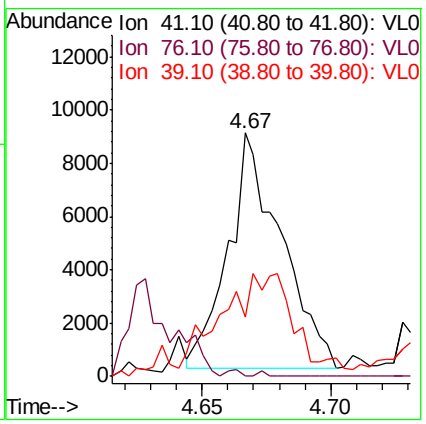


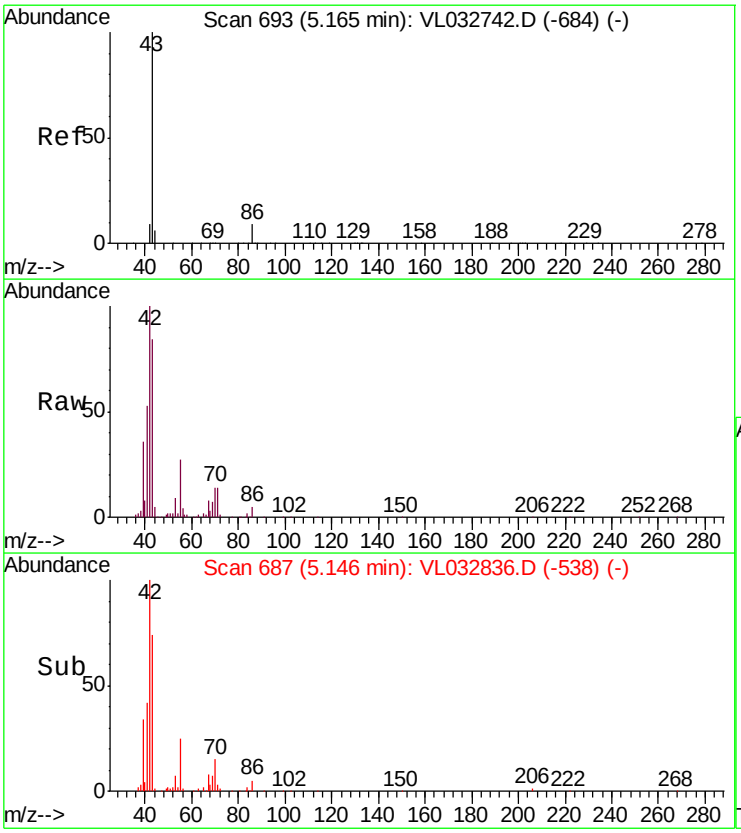
#21
Allyl Chloride
Concen: 0.124 ppbv
RT: 4.67 min Scan# 538
Delta R.T. 0.18 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 41 Resp: 12666

Ion	Ratio	Lower	Upper
41	100		
76	34.7	24.4	36.6
39	65.7	63.5	95.3

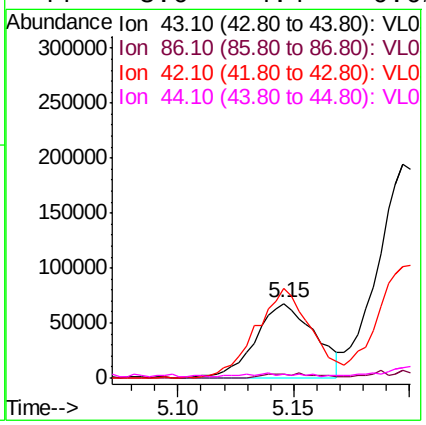


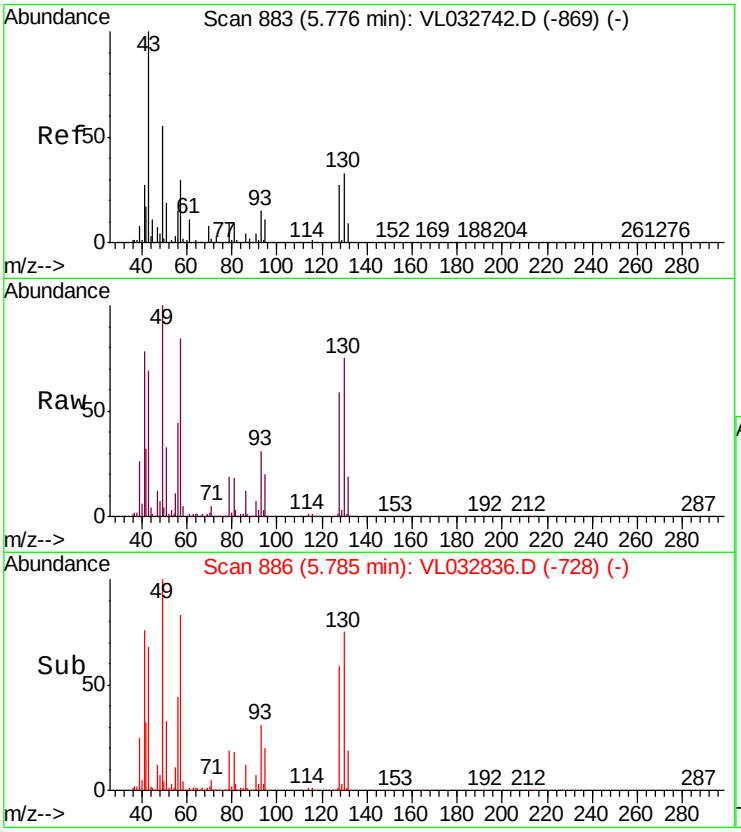


#23
Vinyl Acetate
Concen: 0.533 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.02 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 43 Resp: 118425

Ion	Ratio	Lower	Upper
43	100		
86	5.9	6.2	9.4#
42	119.1	7.8	11.6#
44	3.6	4.4	6.6#



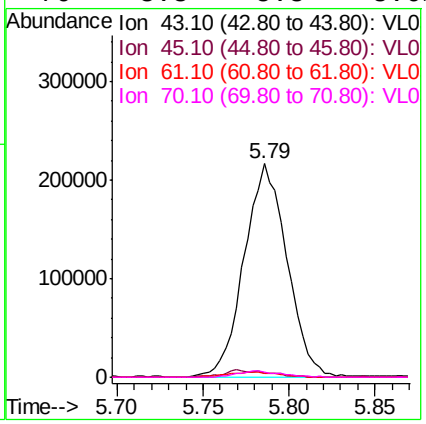


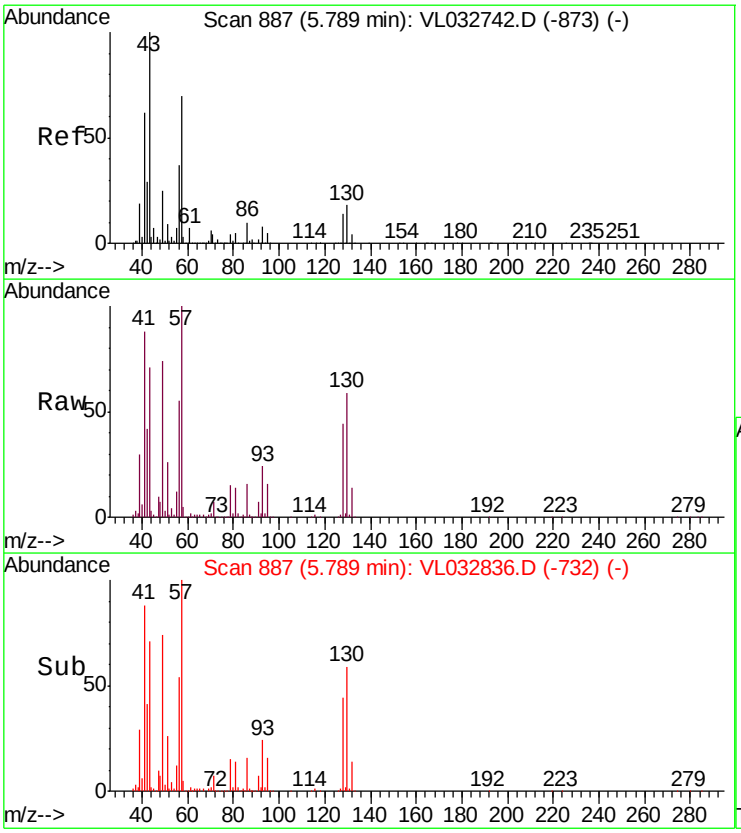
#25
Ethyl Acetate
Concen: 1.306 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 43 Resp: 370895

Ion	Ratio	Lower	Upper
43	100		
45	3.6	7.9	11.9#
61	2.9	7.8	11.6#
70	3.3	5.8	8.6#

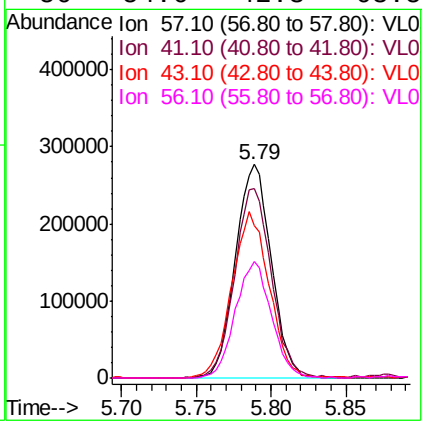


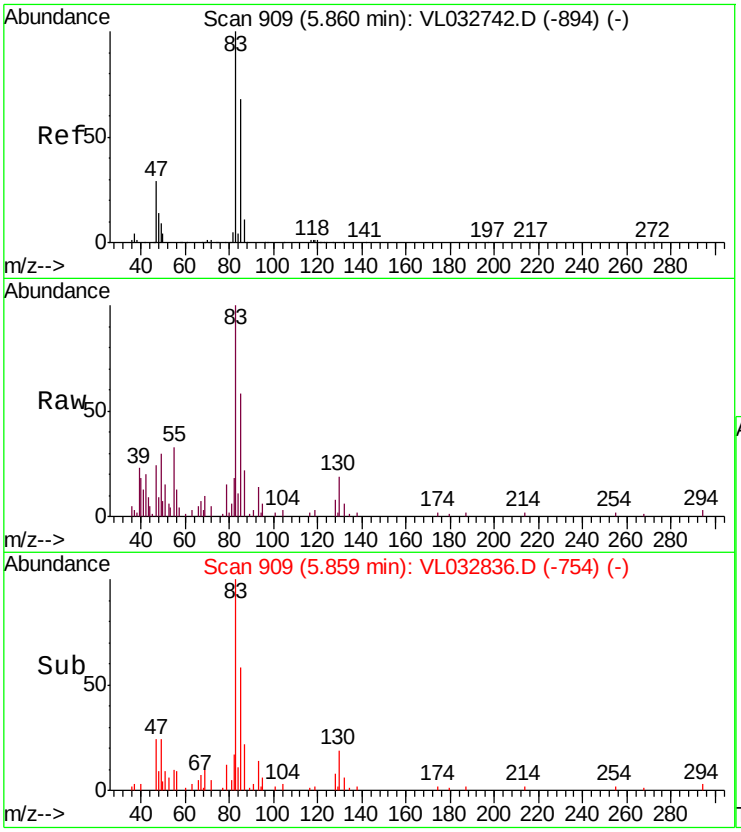


#26
Hexane
Concen: 3.661 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 57 Resp: 462801

Ion	Ratio	Lower	Upper
57	100		
41	91.1	70.3	105.5
43	80.8	174.0	261.0#
56	54.6	42.3	63.5



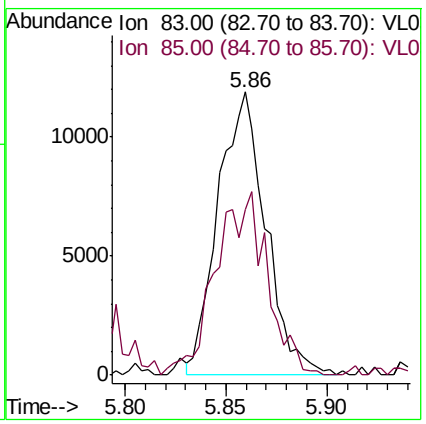


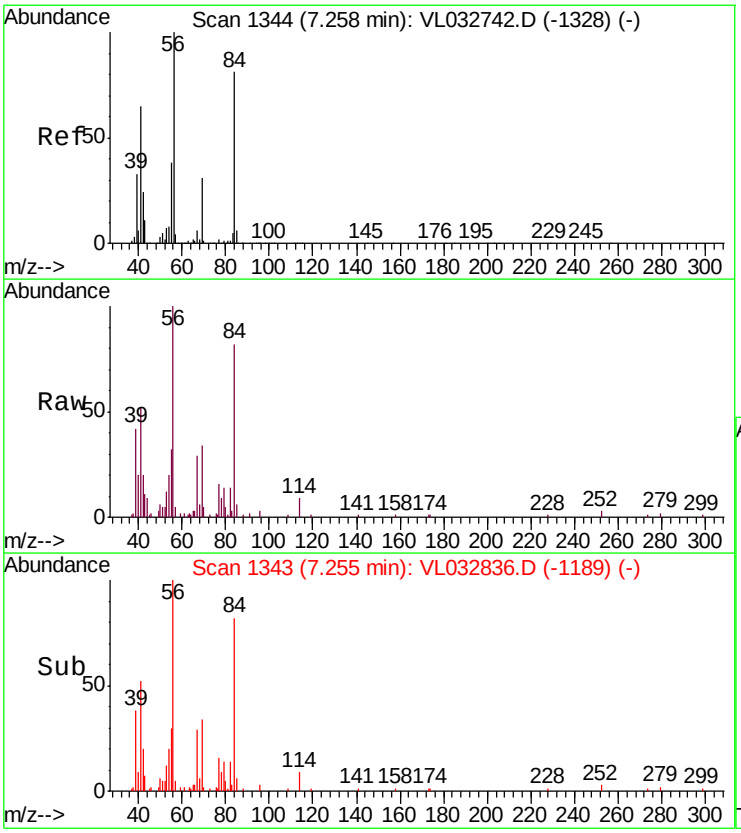
#29
Chloroform
Concen: 0.087 ppbv
RT: 5.86 min Scan# 909
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 83 Resp: 19596

Ion	Ratio	Lower	Upper
83	100		
85	58.3	54.2	81.4

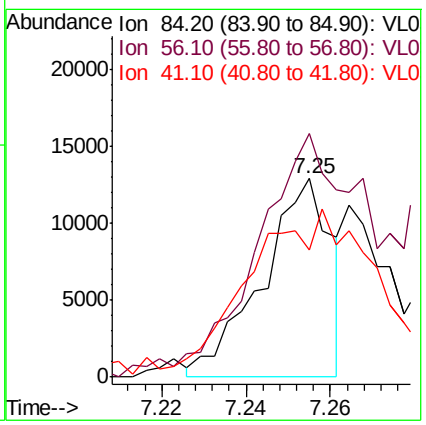


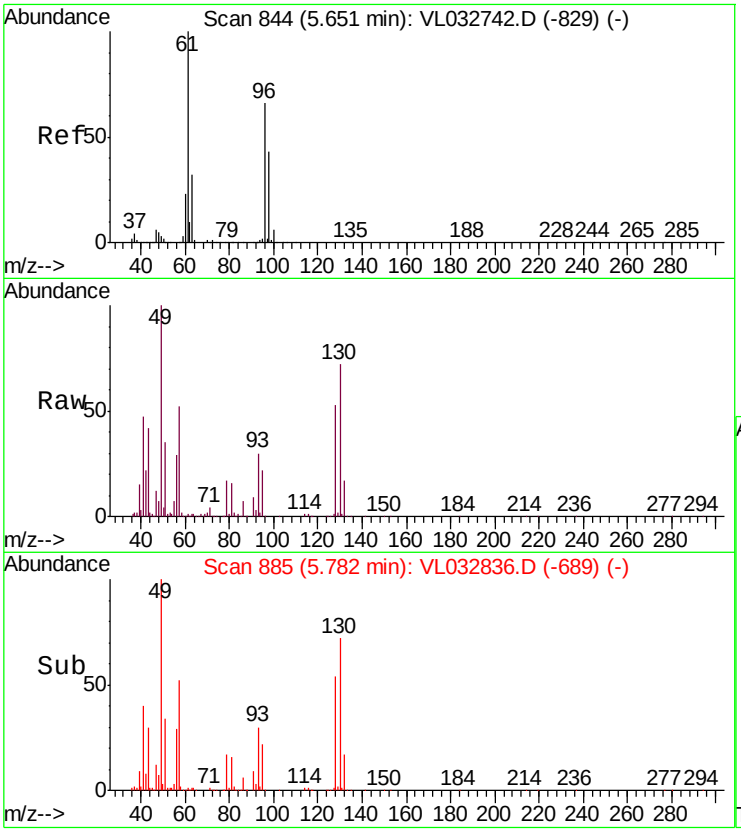


#30
Cyclohexane
Concen: 0.131 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 84 Resp: 14472

Ion	Ratio	Lower	Upper
84	100		
56	200.0	105.0	157.4#
41	171.5	65.3	97.9#



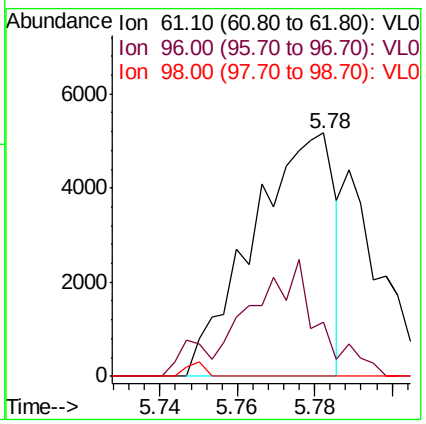


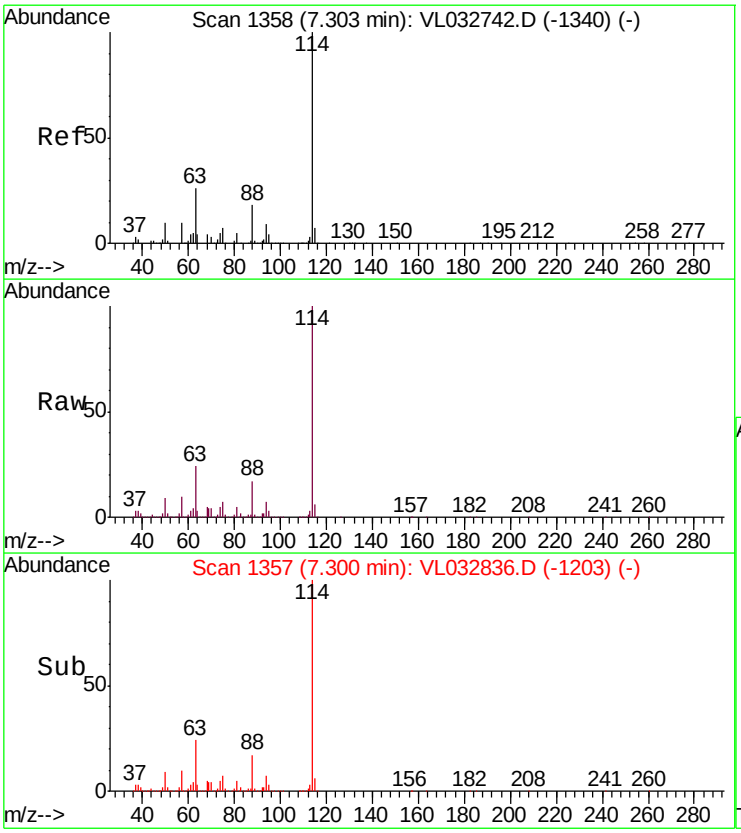
#31
cis-1,2-Dichloroethene
Concen: 0.060 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.13 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 61 Resp: 7590

Ion	Ratio	Lower	Upper
61	100		
96	14.9	53.2	79.8#
98	0.0	34.4	51.6#

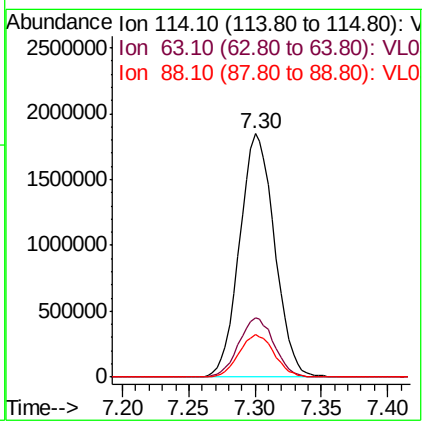


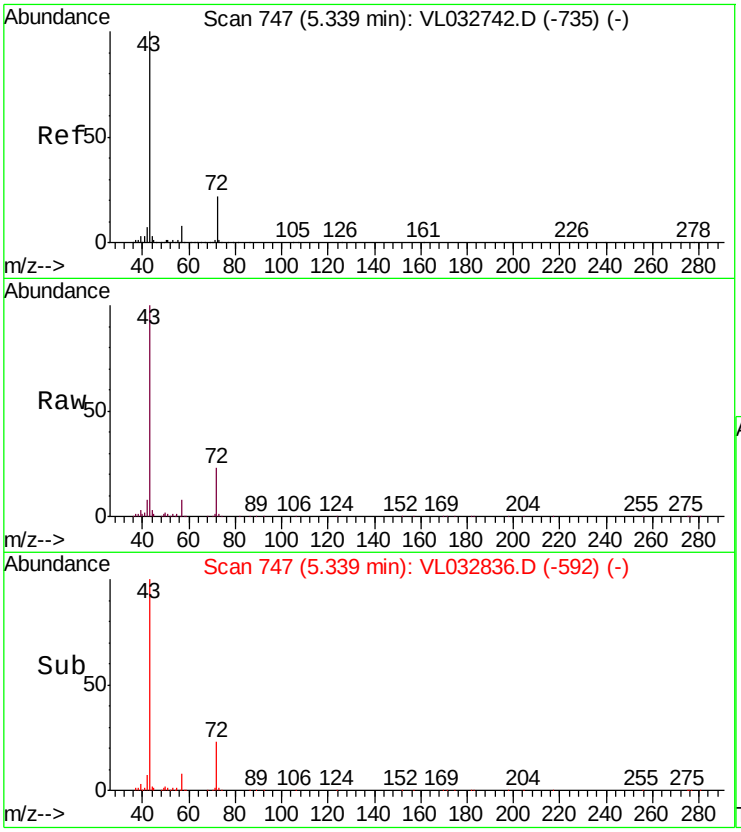


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:114 Resp: 3389010

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.9	31.3
88	17.5	14.4	21.6



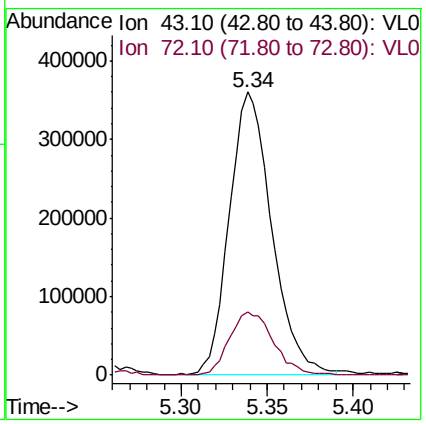


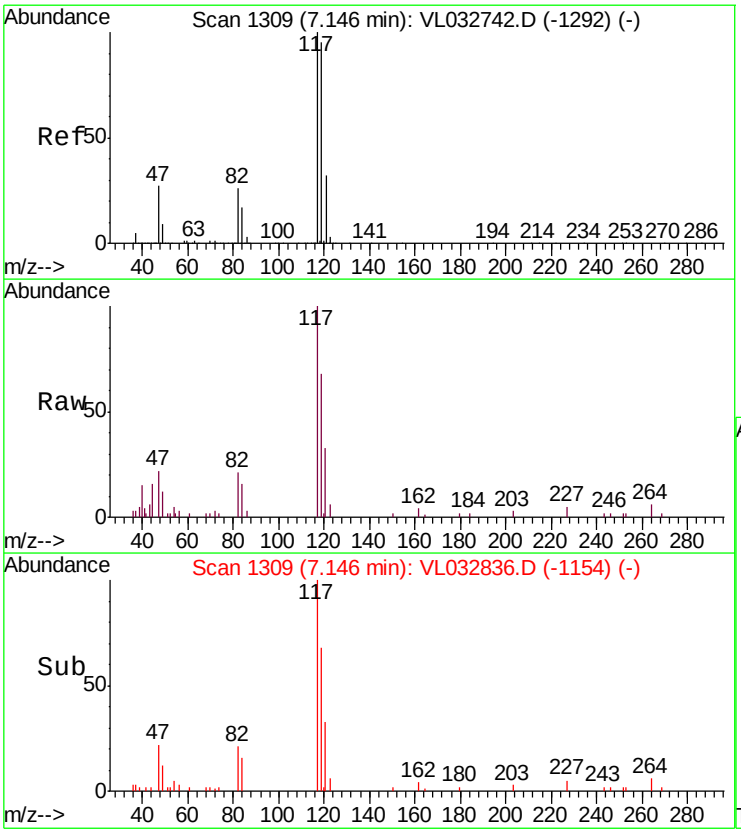
#34
2-Butanone
Concen: 3.483 ppbv
RT: 5.34 min Scan# 747
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 43 Resp: 612276

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.4	27.6

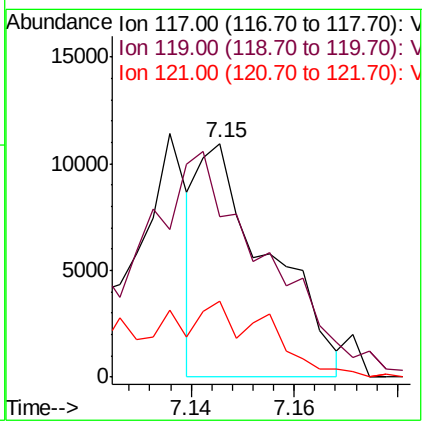


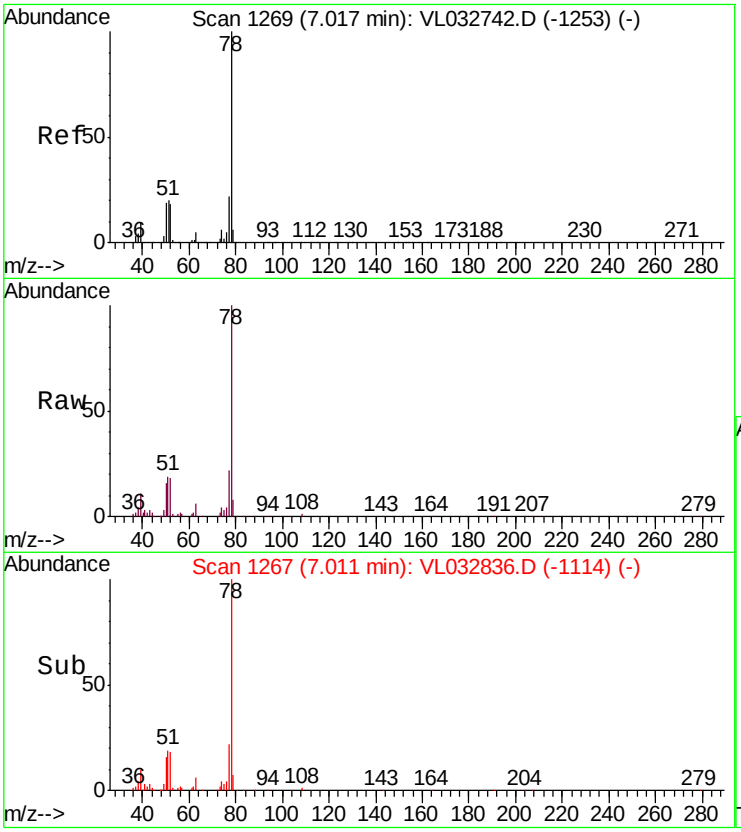


#35
Carbon Tetrachloride
Concen: 0.038 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:117 Resp: 10364

Ion	Ratio	Lower	Upper
117	100		
119	60.1	76.1	114.1#
121	33.1	25.4	38.0



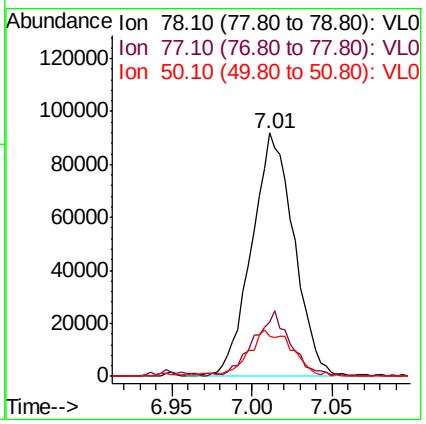


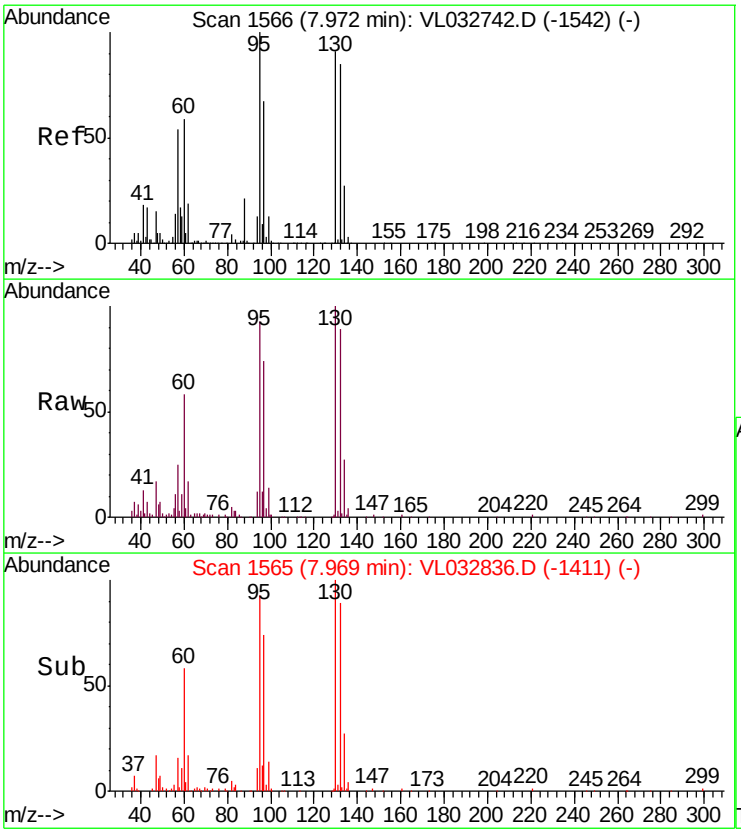
#36
Benzene
Concen: 0.620 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 78 Resp: 167411

Ion	Ratio	Lower	Upper
78	100		
77	21.1	17.8	26.8
50	15.9	15.4	23.0

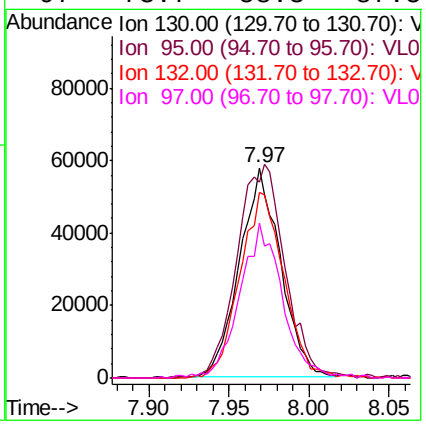


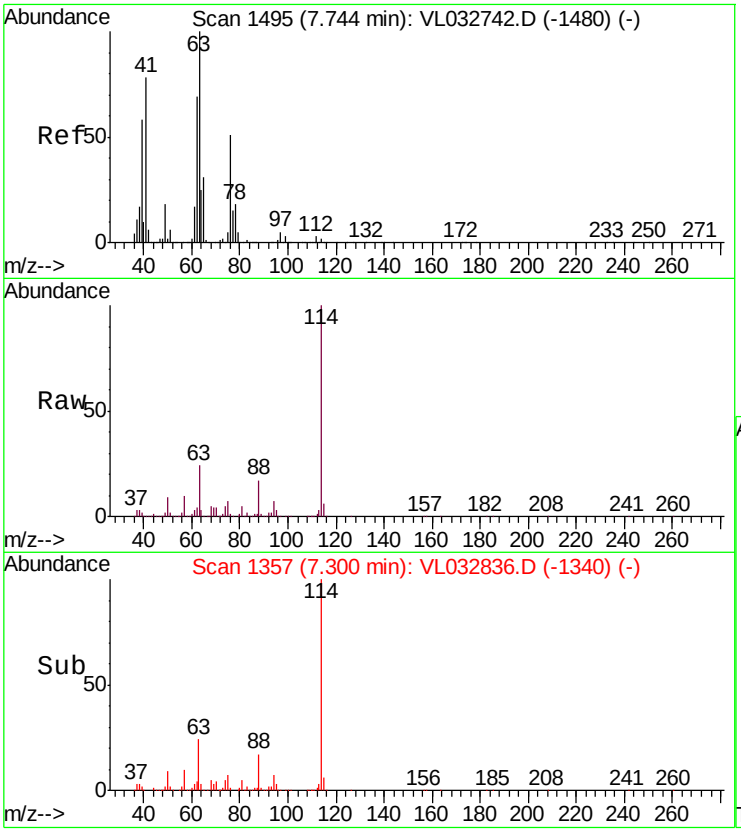


#38
Trichloroethene
Concen: 0.927 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:130 Resp: 101195

Ion	Ratio	Lower	Upper
130	100		
95	93.2	87.7	131.5
132	89.0	74.6	111.8
97	73.7	58.3	87.5



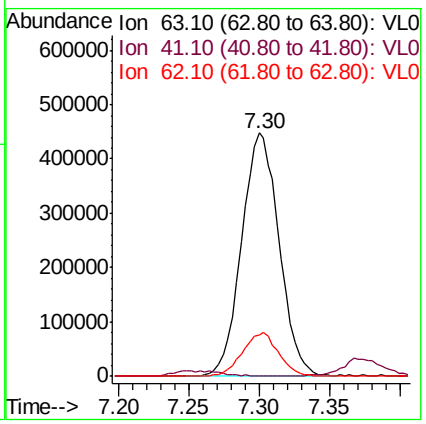


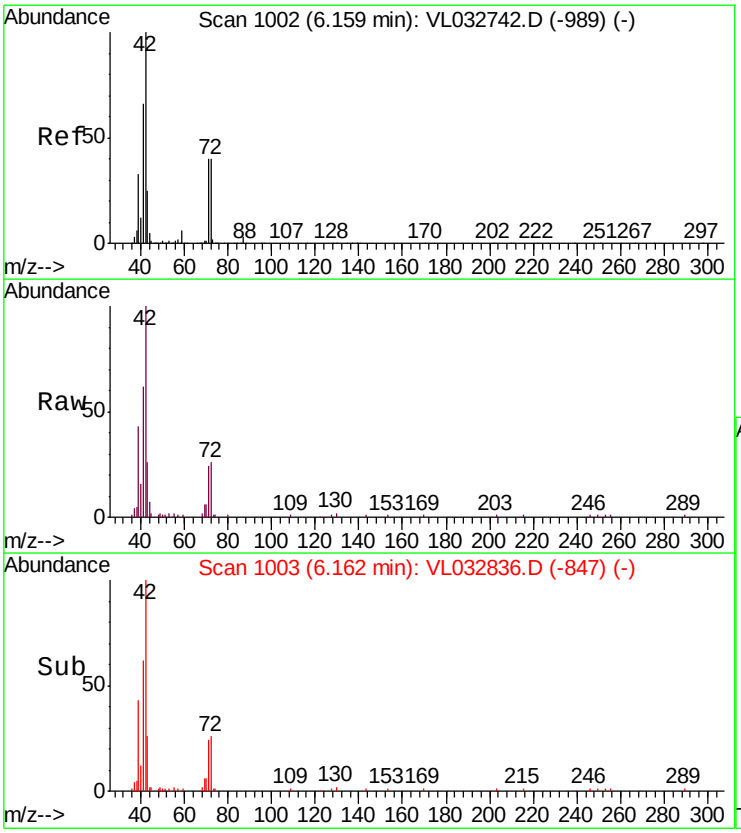
#39
1,2-Dichloropropane
Concen: 8.118 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 63 Resp: 834751

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.2	55.4	83.2#

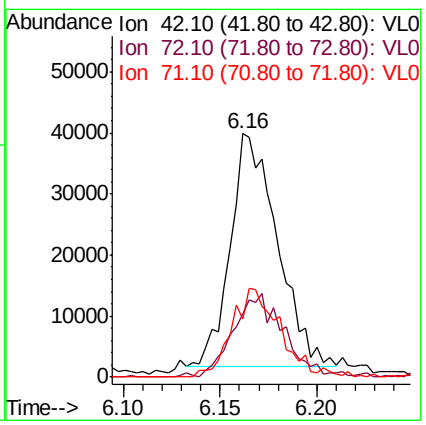


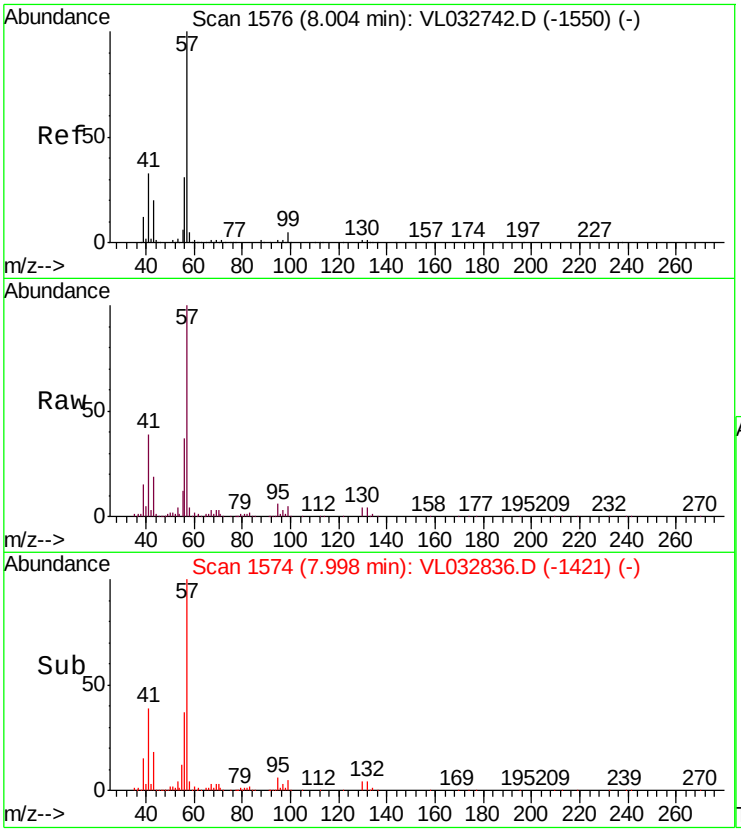


#41
Tetrahydrofuran
Concen: 0.632 ppbv
RT: 6.16 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 42 Resp: 63752

Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.4	48.6
71	40.1	31.6	47.4



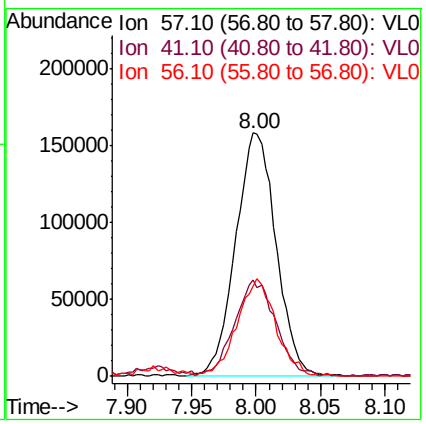


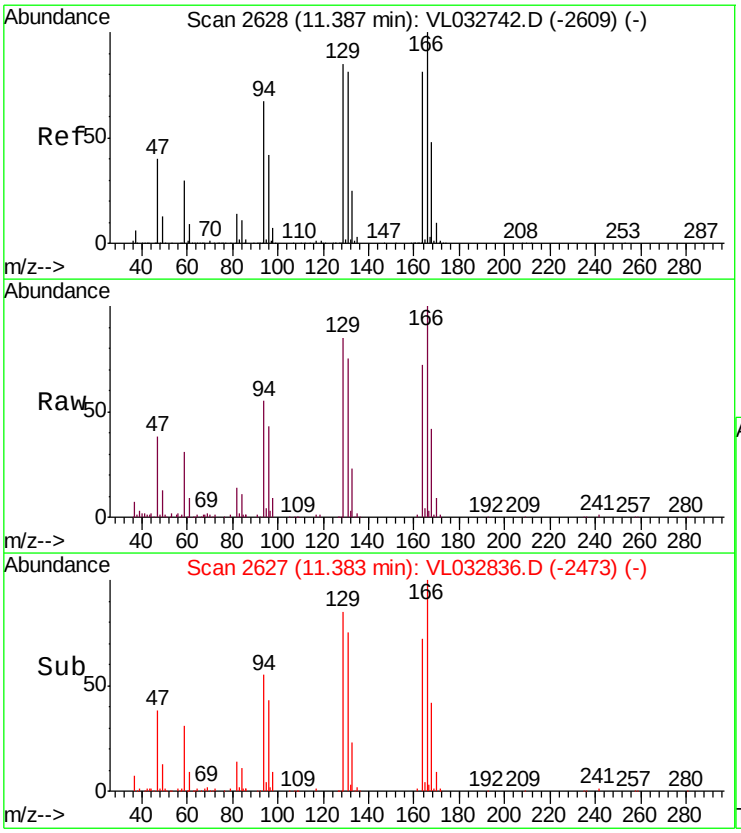
#44
2,2,4-Trimethylpentane
Concen: 0.763 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion: 57 Resp: 344276

Ion	Ratio	Lower	Upper
57	100		
41	40.4	26.6	39.8#
56	39.0	24.8	37.2#

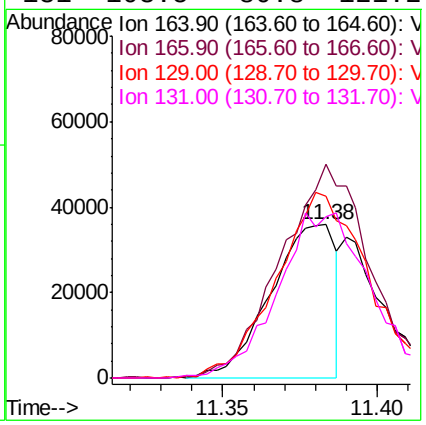


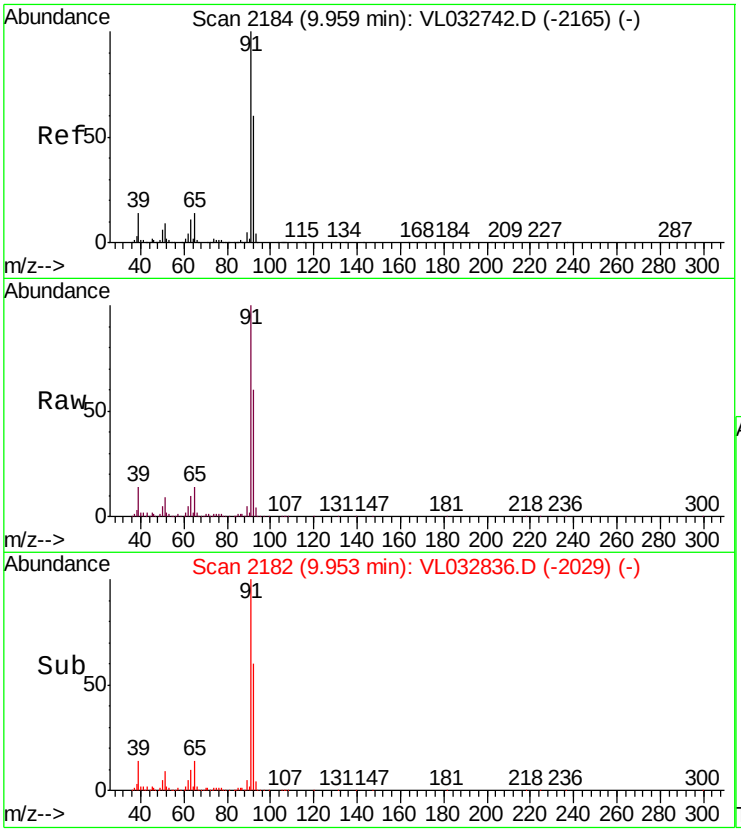


#52
Tetrachloroethene
Concen: 0.559 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:164 Resp: 52469

Ion	Ratio	Lower	Upper
164	100		
166	137.9	99.3	148.9
129	116.8	83.9	125.9
131	103.5	80.8	121.2



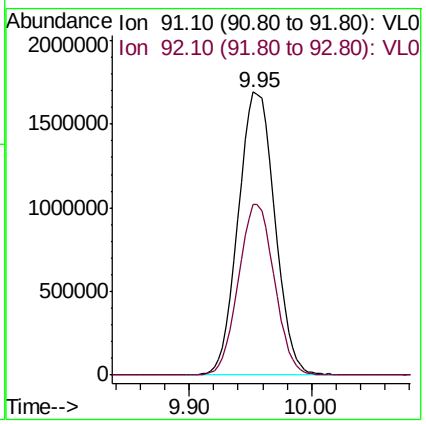


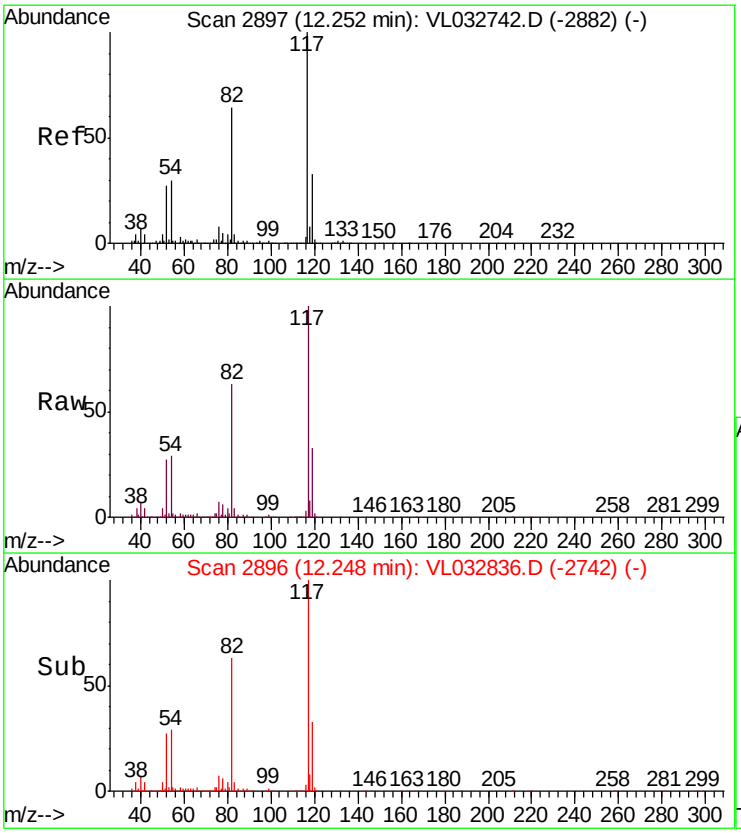
#53
Toluene
Concen: 12.414 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 91 Resp: 3494934

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.9	71.9

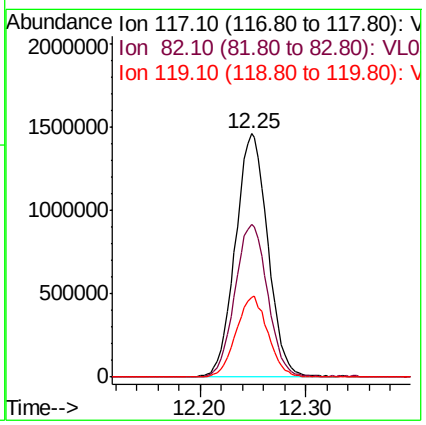


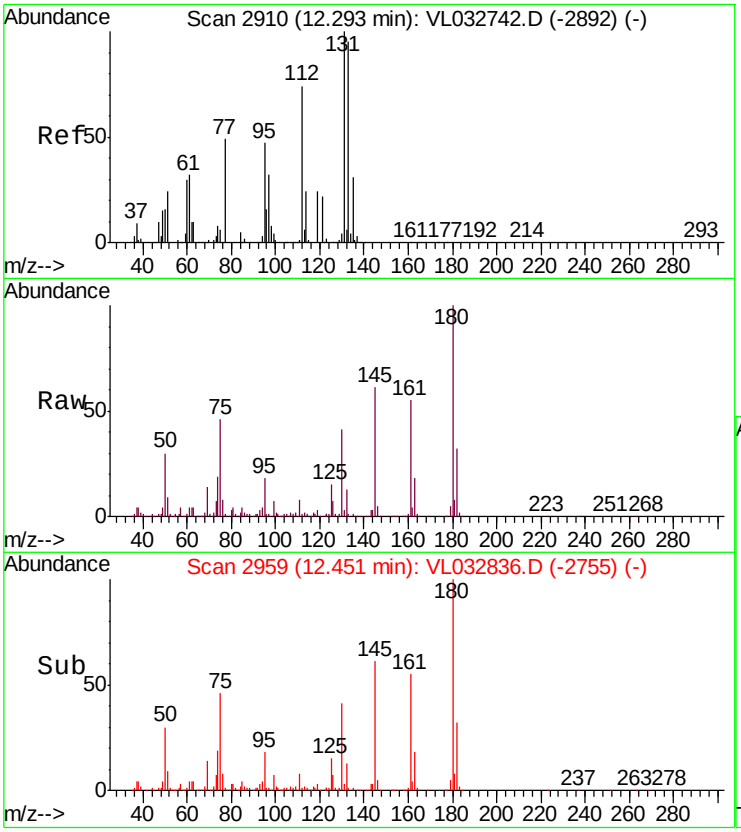


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:117 Resp: 3116417

Ion	Ratio	Lower	Upper
117	100		
82	63.5	51.0	76.6
119	32.7	28.0	42.0



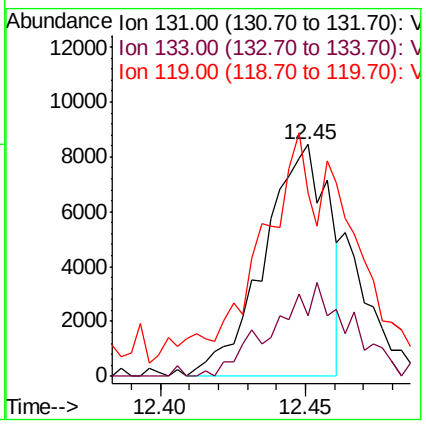


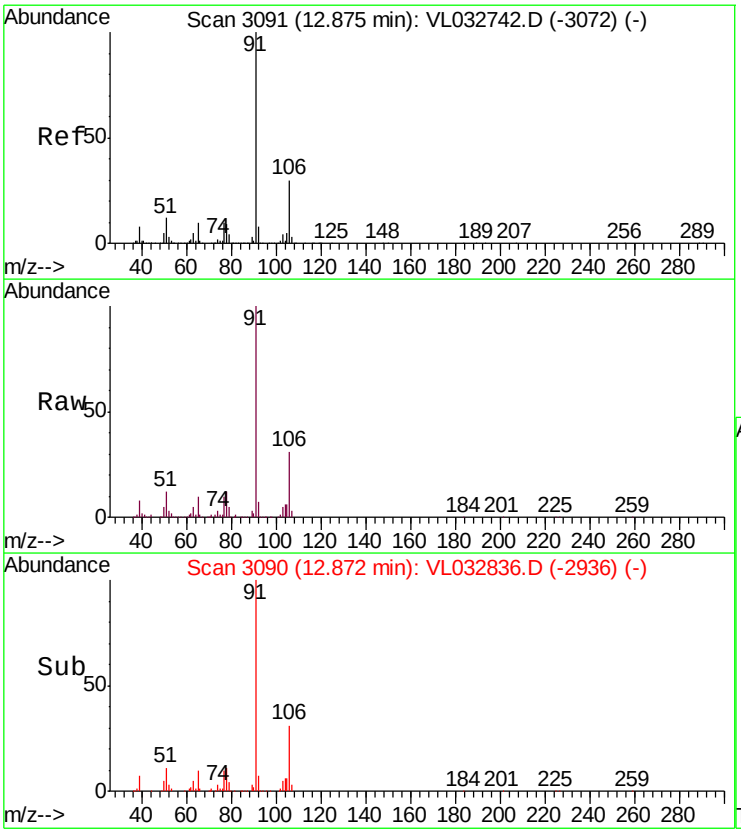
#56
1,1,1,2-Tetrachloroethane
Concen: 0.090 ppbv
RT: 12.45 min Scan# 2959
Delta R.T. 0.16 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion:131 Resp: 13063

Ion	Ratio	Lower	Upper
131	100		
133	48.3	75.8	113.6#
119	0.0	45.2	67.8#

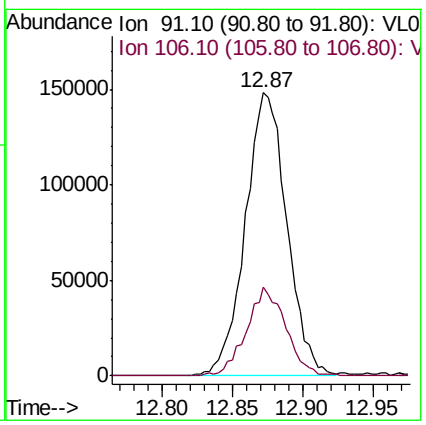


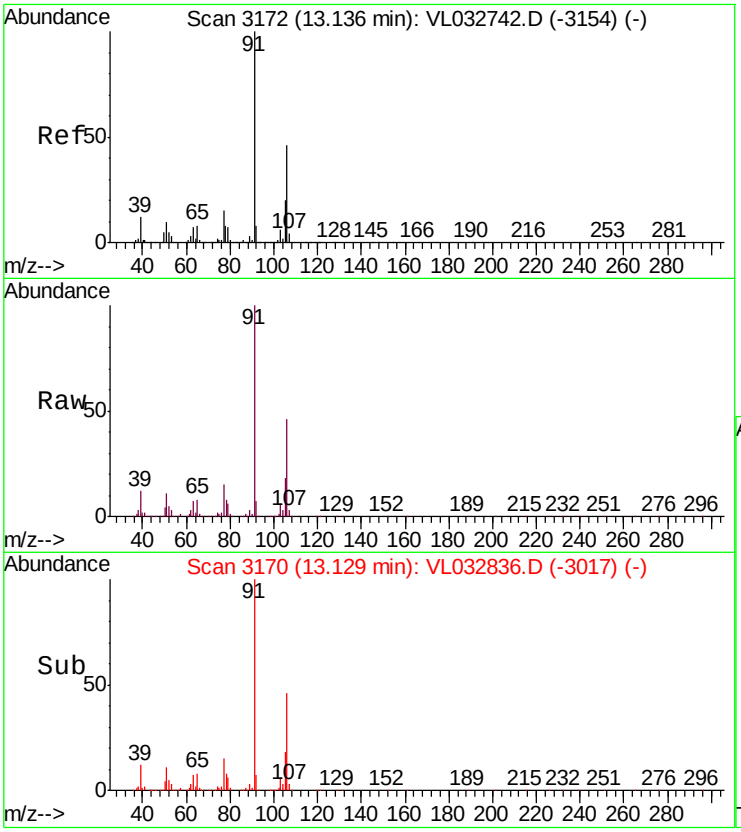


#58
Ethyl Benzene
Concen: 0.814 ppbv
RT: 12.87 min Scan# 3090
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 91 Resp: 305419

Ion	Ratio	Lower	Upper
91	100		
106	31.2	23.6	35.4



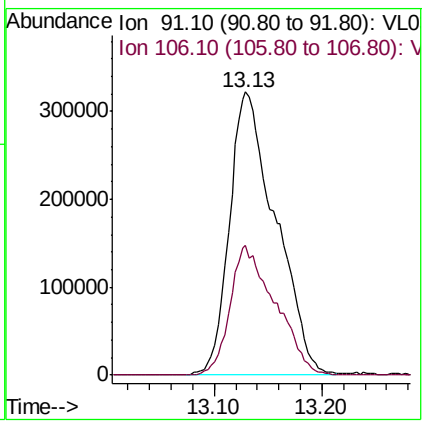


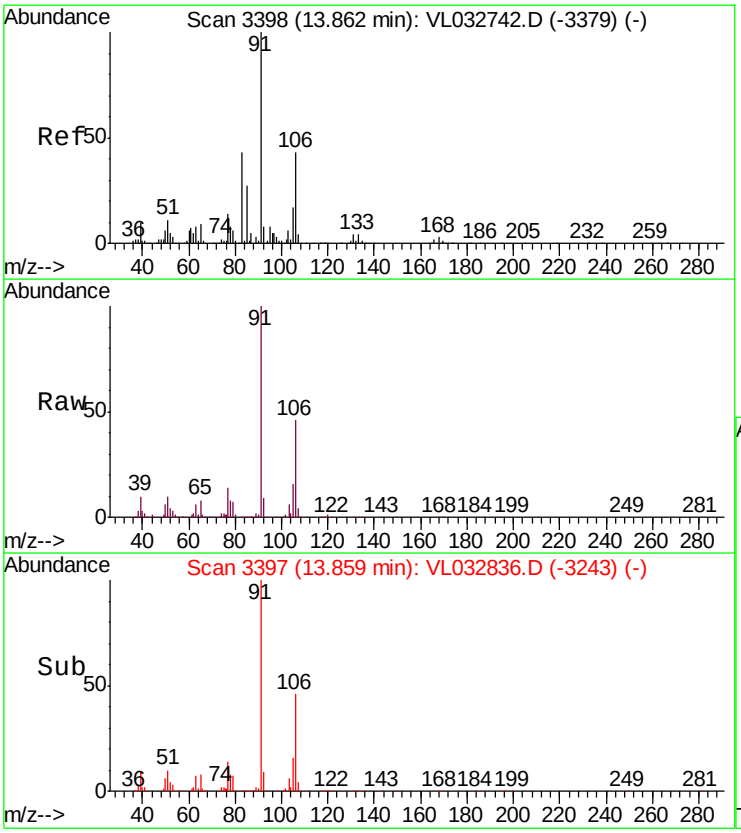
#59
m/p-Xylene
Concen: 2.851 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion: 91 Resp: 951865

Ion	Ratio	Lower	Upper
91	100		
106	45.1	36.1	54.1

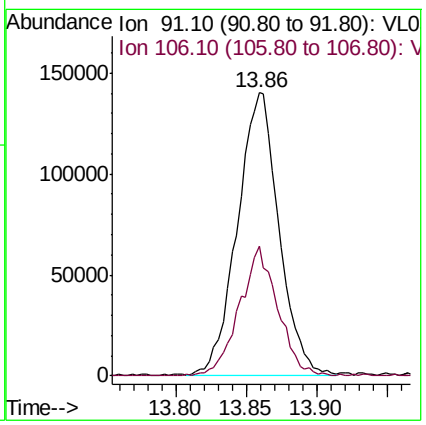


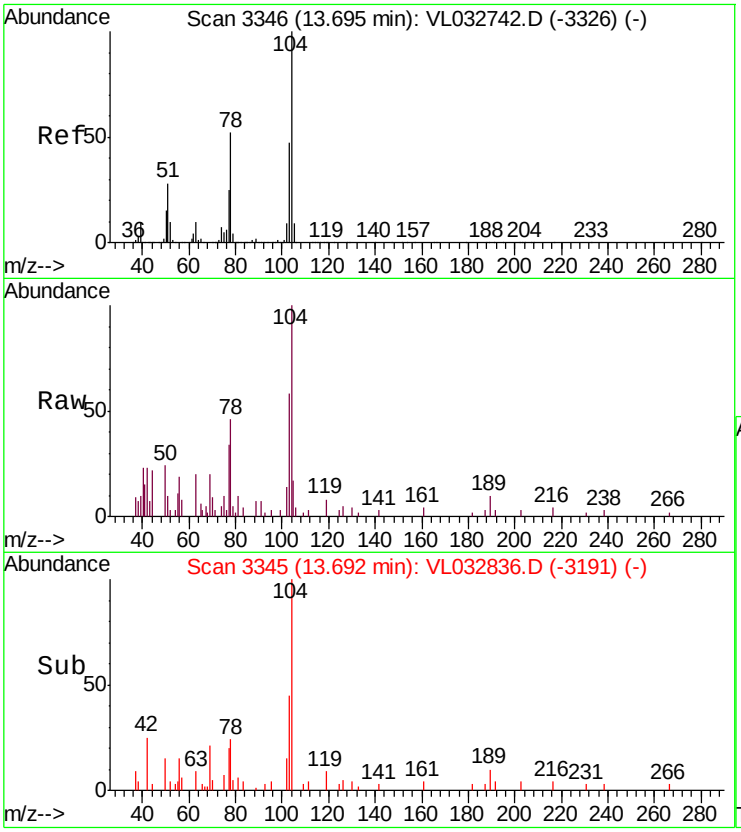


#60
o-Xylene
Concen: 0.854 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 91 Resp: 286602

Ion	Ratio	Lower	Upper
91	100		
106	42.7	21.9	65.7



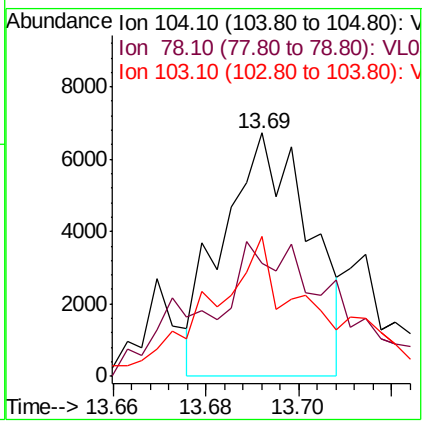


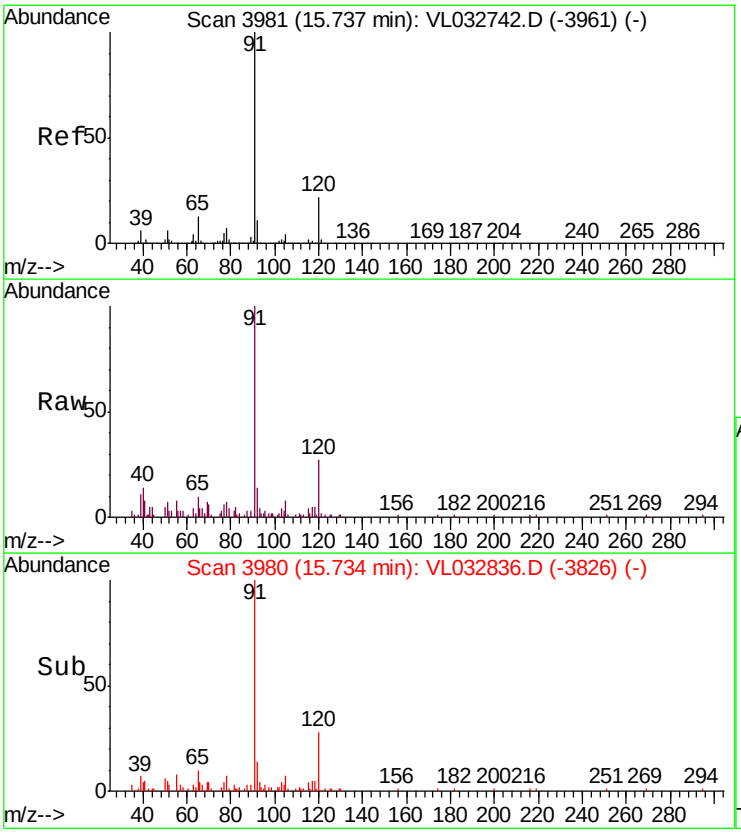
#61
Styrene
Concen: 0.040 ppbv
RT: 13.69 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion:104 Resp: 8694

Ion	Ratio	Lower	Upper
104	100		
78	91.6	42.2	63.4#
103	77.2	38.2	57.2#

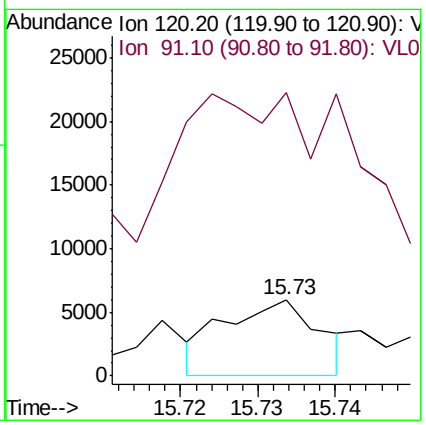


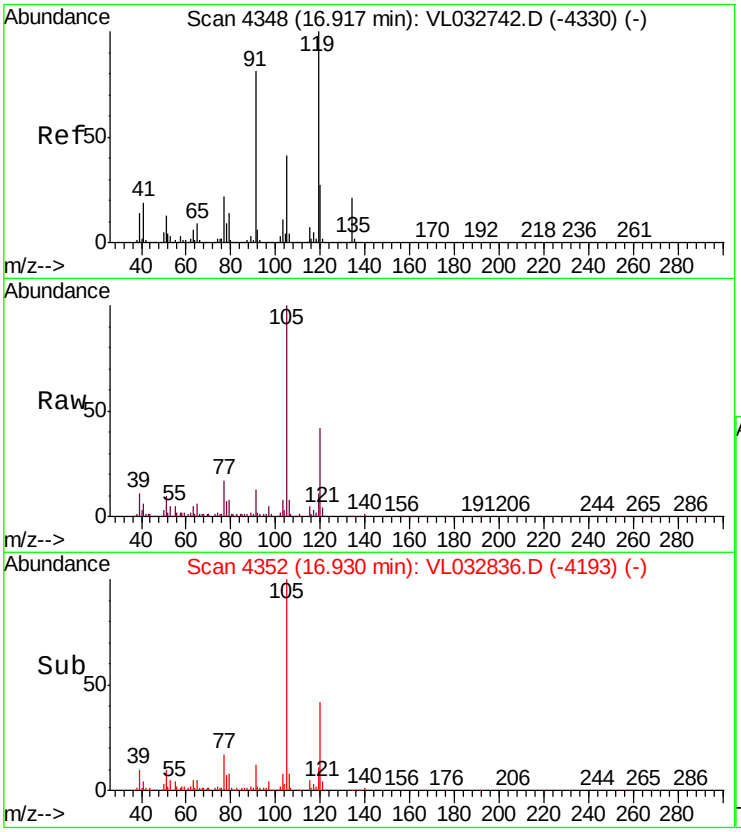


#64
n-propylbenzene
Concen: 0.043 ppbv
RT: 15.73 min Scan# 3980
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:120 Resp: 5100

Ion	Ratio	Lower	Upper
120	100		
91	1011.1	381.7	572.5#



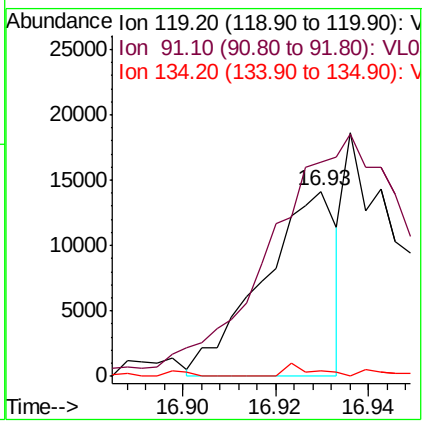


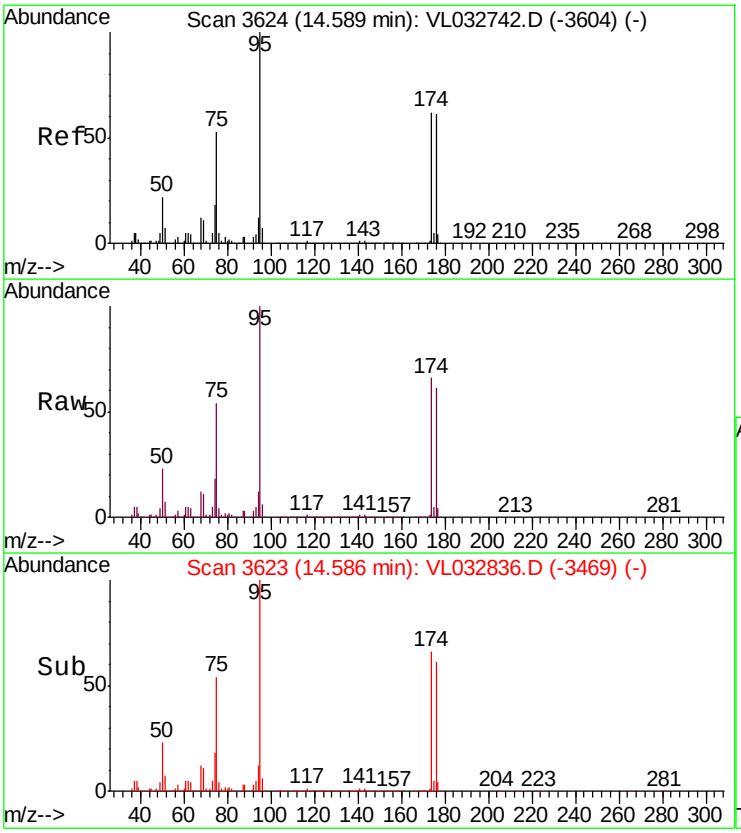
#65
tert-Butylbenzene
Concen: 0.039 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. 0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion:119 Resp: 15716

Ion	Ratio	Lower	Upper
119	100		
91	0.0	65.6	98.4#
134	3.9	15.9	23.9#

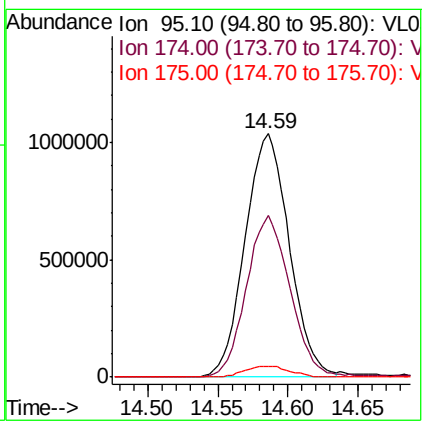


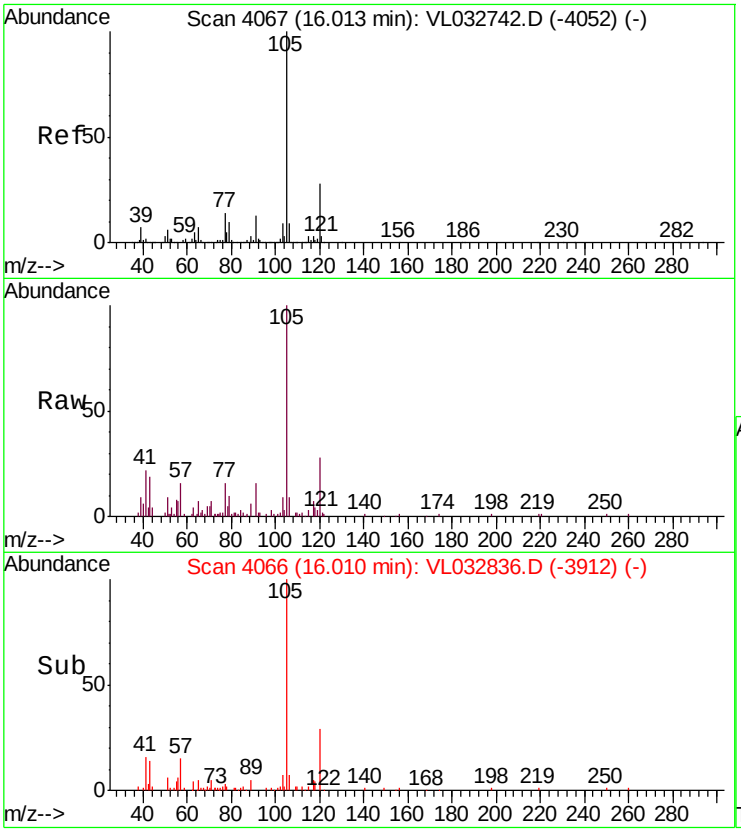


#68
1-Bromo-4-Fluorobenzene
Concen: 9.760 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 95 Resp: 2274884

Ion	Ratio	Lower	Upper
95	100		
174	66.1	50.7	76.1
175	4.7	3.8	5.6



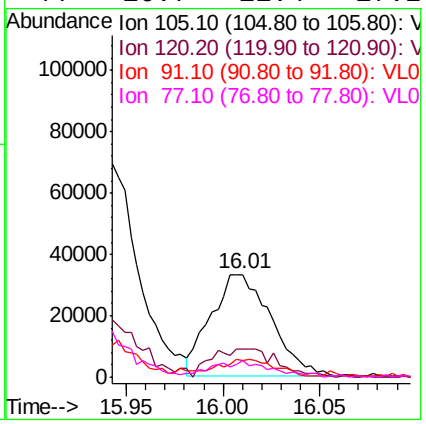


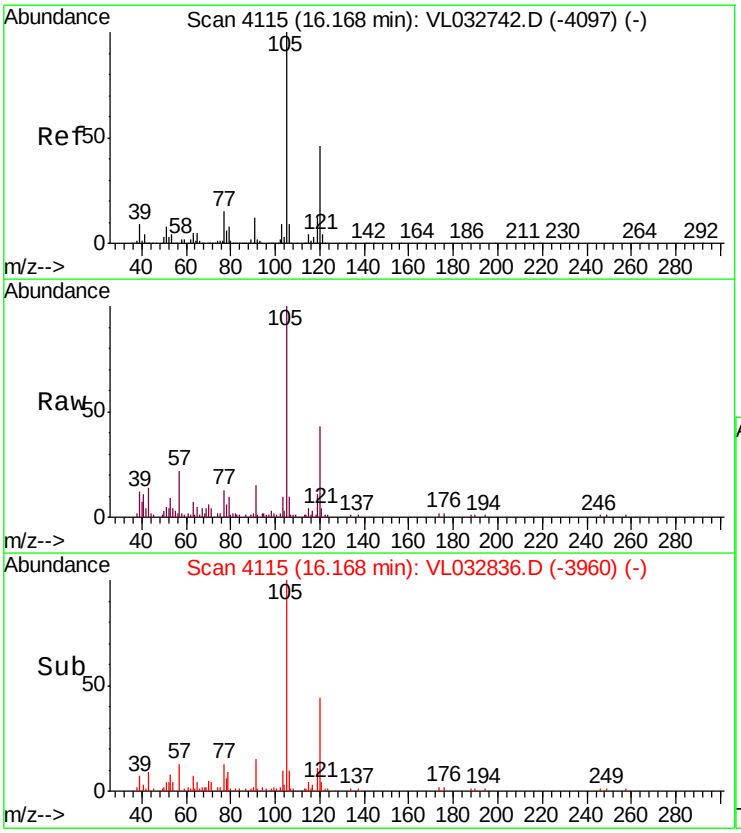
#72
4-Ethyltoluene
Concen: 0.194 ppbv
RT: 16.01 min Scan# 4066
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion:105 Resp: 71253

Ion	Ratio	Lower	Upper
105	100		
120	30.6	22.9	34.3
91	17.9	10.6	15.8#
77	16.7	11.4	17.2

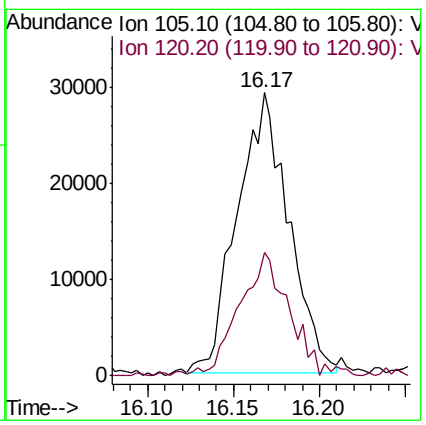


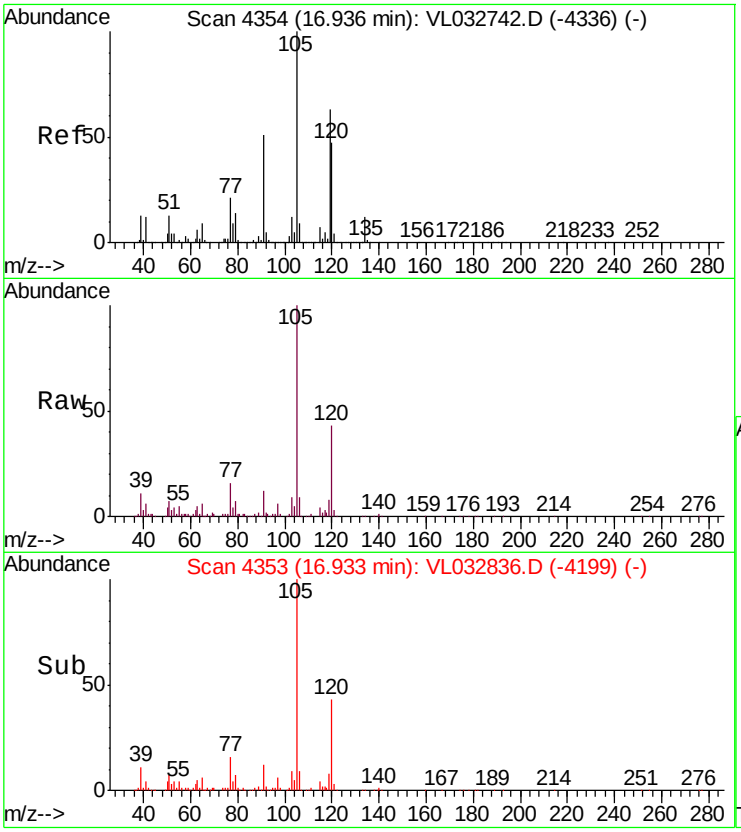


#73
1,3,5-Trimethylbenzene
Concen: 0.169 ppbv
RT: 16.17 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:105 Resp: 60696

Ion	Ratio	Lower	Upper
105	100		
120	47.6	36.6	55.0



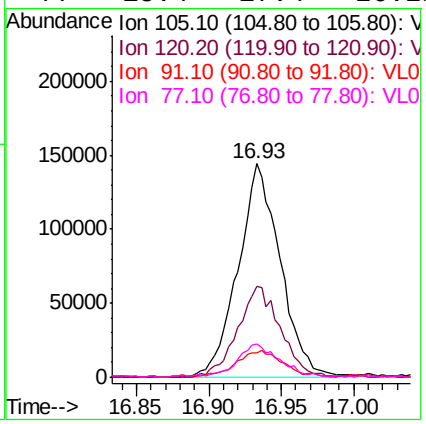


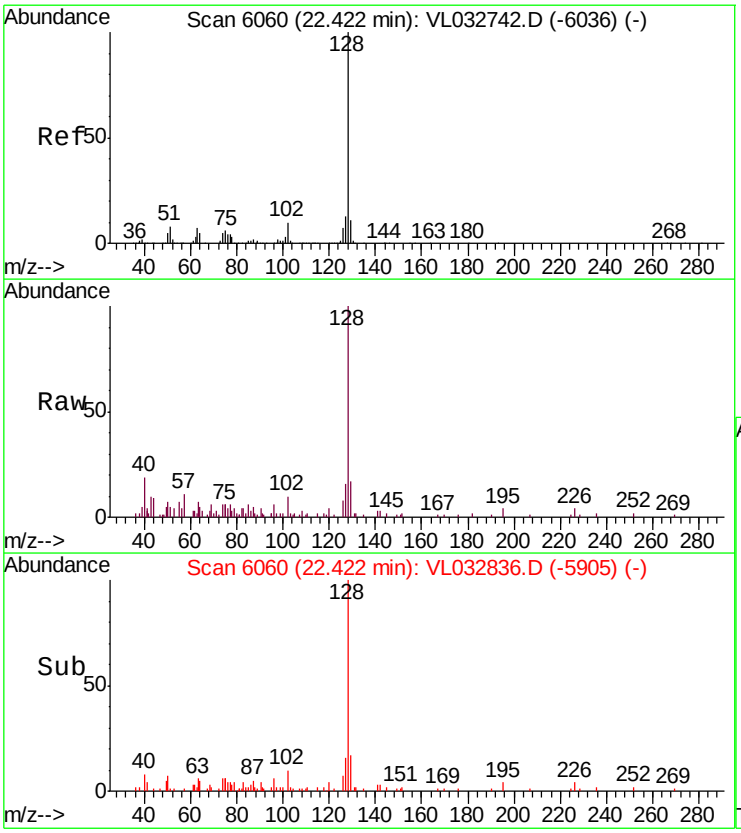
#74
1,2,4-Trimethylbenzene
Concen: 0.750 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument : MSVOA_L
ClientSampleId : IAS-1DUP

Tgt Ion:105 Resp: 288658

Ion	Ratio	Lower	Upper
105	100		
120	42.9	37.6	56.4
91	11.2	42.5	63.7#
77	15.4	17.4	26.2#

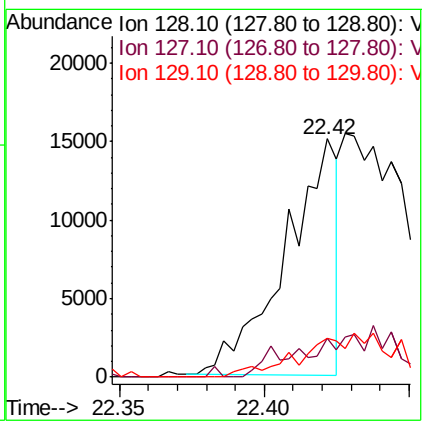


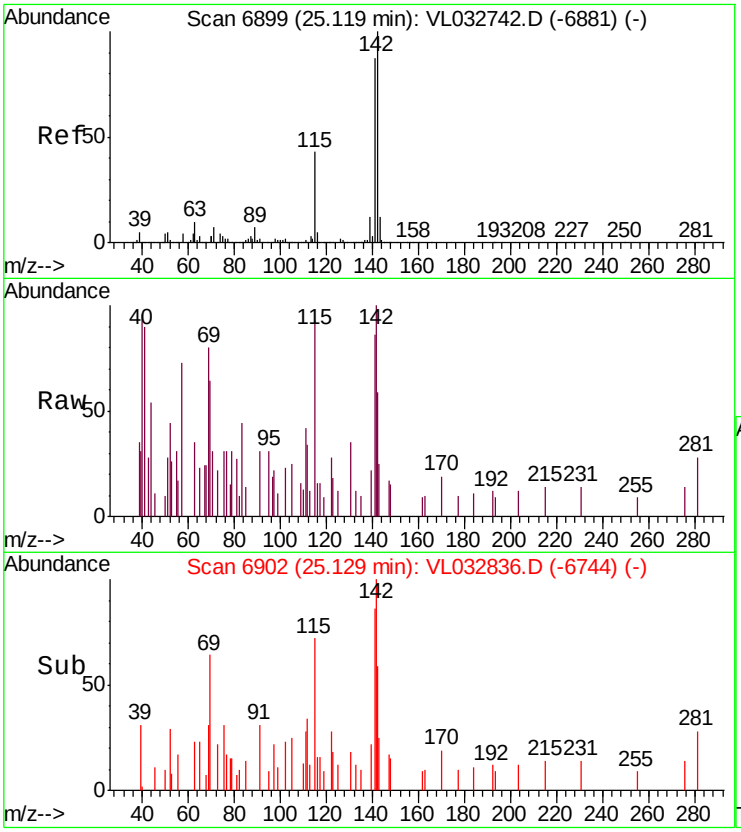


#79
Naphthalene
Concen: 0.074 ppbv
RT: 22.42 min Scan# 6060
Delta R.T. -0.00 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Tgt Ion:128 Resp: 18726

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.1	15.1#
129	16.7	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.098 ppbv
RT: 25.13 min Scan# 6902
Delta R.T. 0.01 min
Lab File: VL032836.D
Acq: 29 Nov 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
IAS-1DUP

Tgt Ion:142 Resp: 6177

Ion	Ratio	Lower	Upper
142	100		
141	96.0	68.7	103.1
115	73.0	35.5	53.3#