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

Quantitation Report (Not Reviewed)

Data File : VL032835.D
Acq On : 29 Nov 2018 15:23
Operator : SY/AP
Sample : J6088-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1

Quant Time: Nov 30 06:23:45 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	1231182	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3088520	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	2991359	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2272679	10.16	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	97855	0.553	ppbv		97
3) Chlorodifluoromethane	3.02	51	984266	10.084	ppbv	#	89
4) Chloromethane	3.18	50	26503	0.490	ppbv	#	86
9) Propene	3.25	41	141228	3.616	ppbv		95
10) Heptane	8.26	43	89572	0.601	ppbv		97
11) Trichlorofluoromethane	4.01	101	158927	0.953	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.57	101	6493	0.048	ppbv	#	26
13) Ethanol	3.66	45	620964	48.535	ppbv		99
15) Acetone	3.90	43	2684262	23.874	ppbv		99
16) 1,3-Butadiene	3.35	39	9592	0.220	ppbv	#	54
17) tert-Butyl alcohol	4.39	59	12371	0.351	ppbv	#	73
19) Isopropyl Alcohol	4.04	45	586866	7.835	ppbv	#	1
20) Methylene Chloride	4.42	84	218935	3.761	ppbv		97
21) Allyl Chloride	4.44	41	39933	0.423	ppbv	#	65
23) Vinyl Acetate	5.15	43	105605	0.515	ppbv	#	1
25) Ethyl Acetate	5.79	43	346689	1.323	ppbv	#	84
26) Hexane	5.79	57	415964	3.566	ppbv	#	47
29) Chloroform	5.85	83	18413	0.089	ppbv		99
30) Cyclohexane	7.26	84	9427	0.092	ppbv	#	1
34) 2-Butanone	5.34	43	560916	3.502	ppbv		99
35) Carbon Tetrachloride	7.14	117	14656	0.059	ppbv	#	67
36) Benzene	7.01	78	146515	0.596	ppbv		95
38) Trichloroethene	7.97	130	90249	0.907	ppbv		98
39) 1,2-Dichloropropane	7.30	63	779257	8.316	ppbv	#	22
41) Tetrahydrofuran	6.17	42	53700	0.584	ppbv		96
44) 2,2,4-Trimethylpentane	8.00	57	311261	0.757	ppbv	#	83
52) Tetrachloroethene	11.38	164	39949	0.467	ppbv		98
53) Toluene	9.96	91	3286145	12.808	ppbv		99
58) Ethyl Benzene	12.88	91	275924	0.766	ppbv		90
59) m/p-Xylene	13.13	91	888149	2.771	ppbv		100
60) o-Xylene	13.86	91	267720	0.831	ppbv		96
64) n-propylbenzene	15.74	120	3981	0.035	ppbv	#	1
65) tert-Butylbenzene	16.94	119	29894	0.077	ppbv	#	57
72) 4-Ethyltoluene	16.01	105	67476	0.191	ppbv	#	92
73) 1,3,5-Trimethylbenzene	16.16	105	32586	0.094	ppbv		95
74) 1,2,4-Trimethylbenzene	16.94	105	118074	0.320	ppbv	#	71
80) Naphthalene,2-methyl-	25.12	142	4817	0.079	ppbv	#	71

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

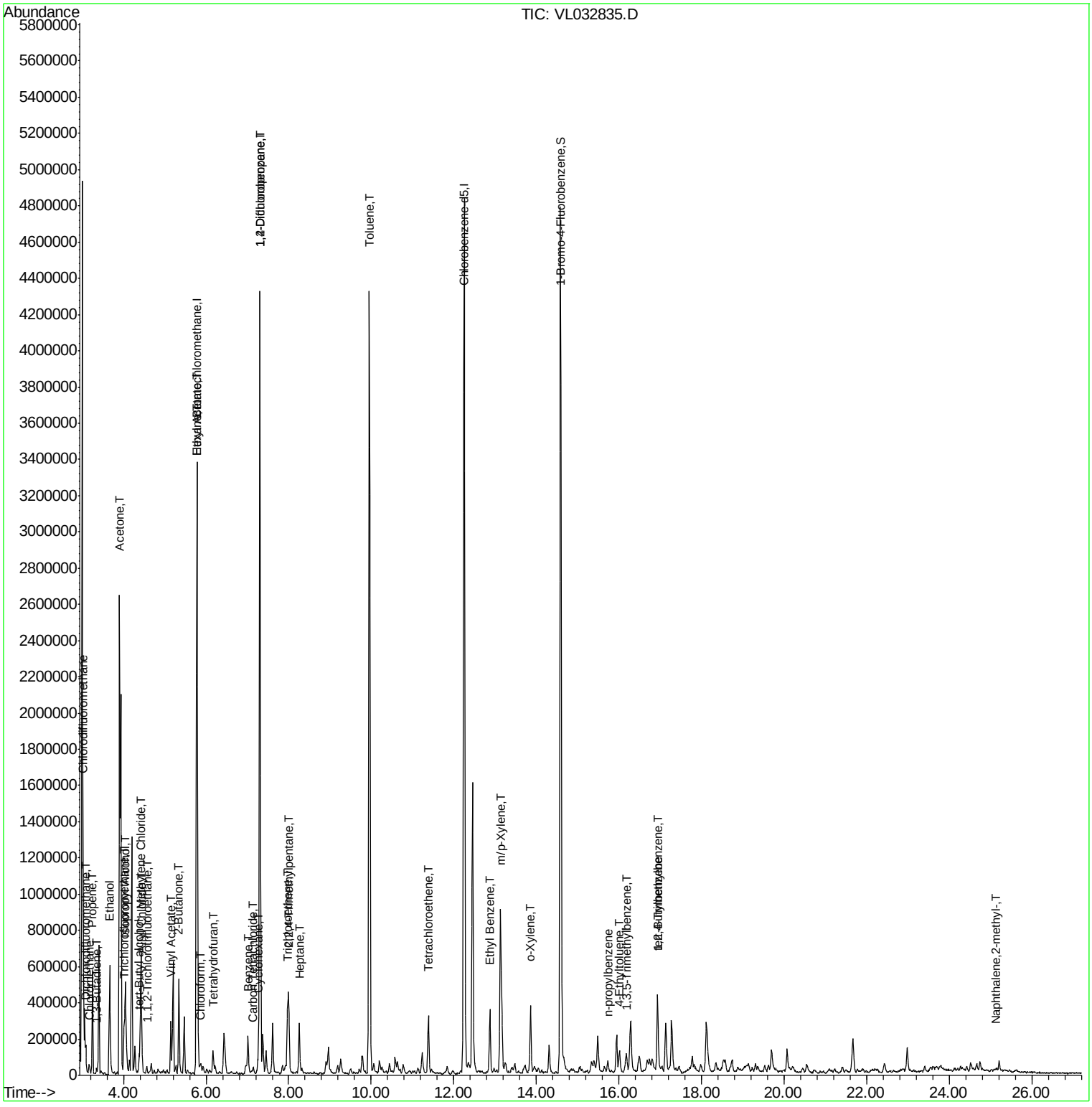
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112918\

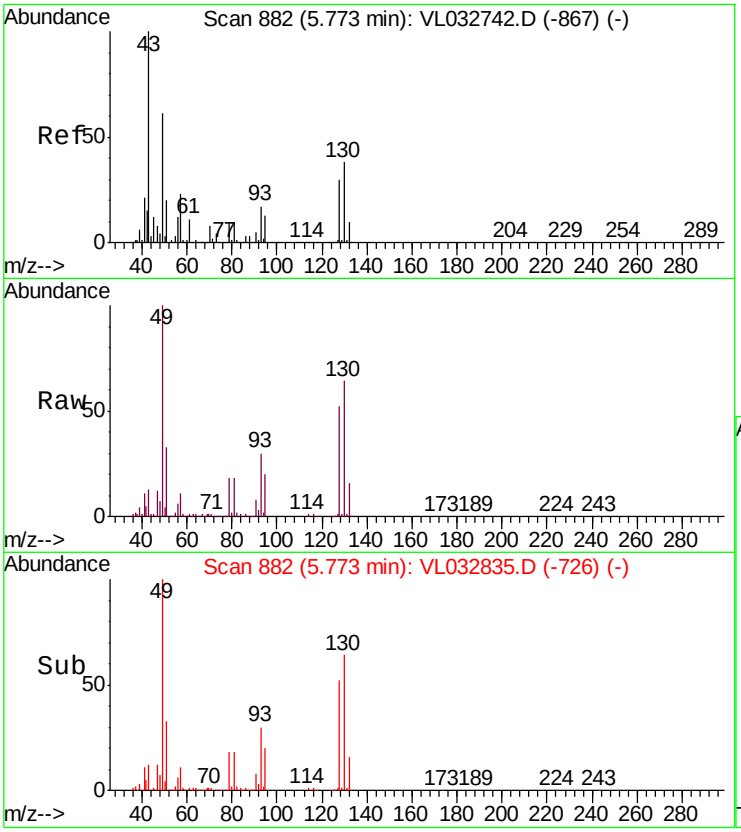
Quantitation Report (Not Reviewed)

Data File : VL032835.D
Acq On : 29 Nov 2018 15:23
Operator : SY/AP
Sample : J6088-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IAS-1

Quant Time: Nov 30 06:23:45 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



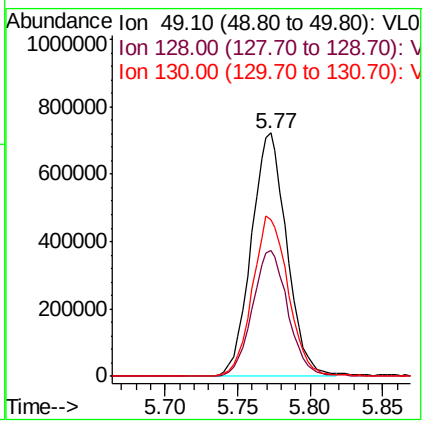


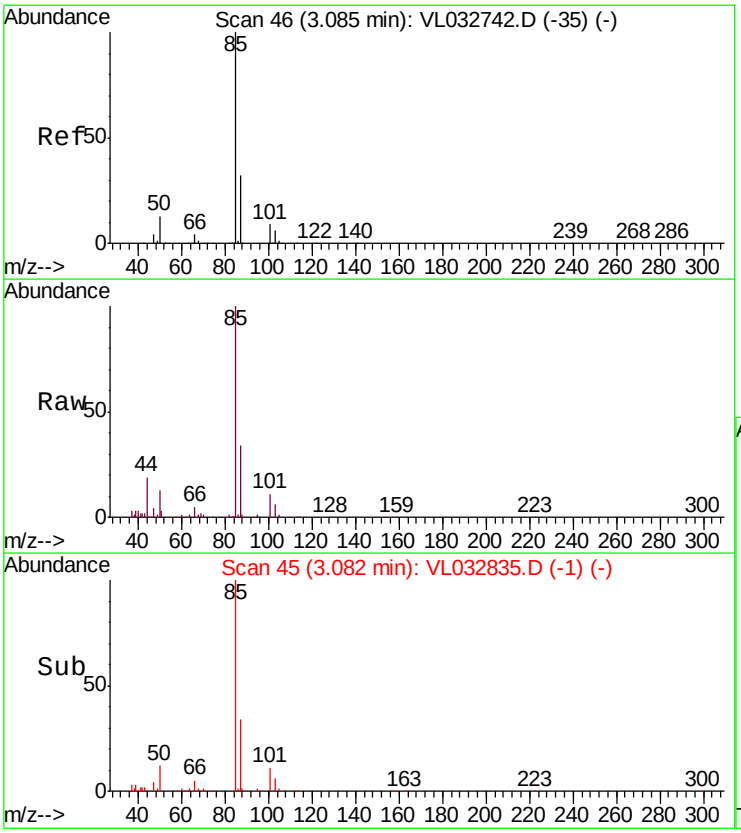
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion: 49 Resp: 1231182

Ion	Ratio	Lower	Upper
49	100		
128	52.2	24.9	74.6
130	66.9	31.4	94.2

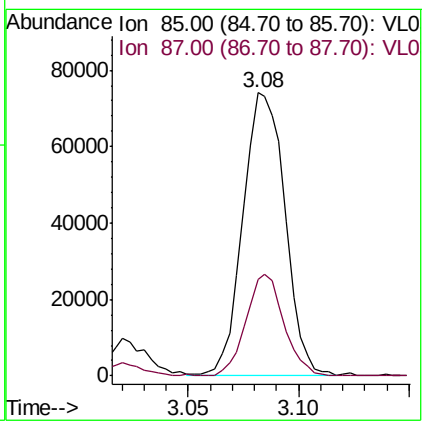


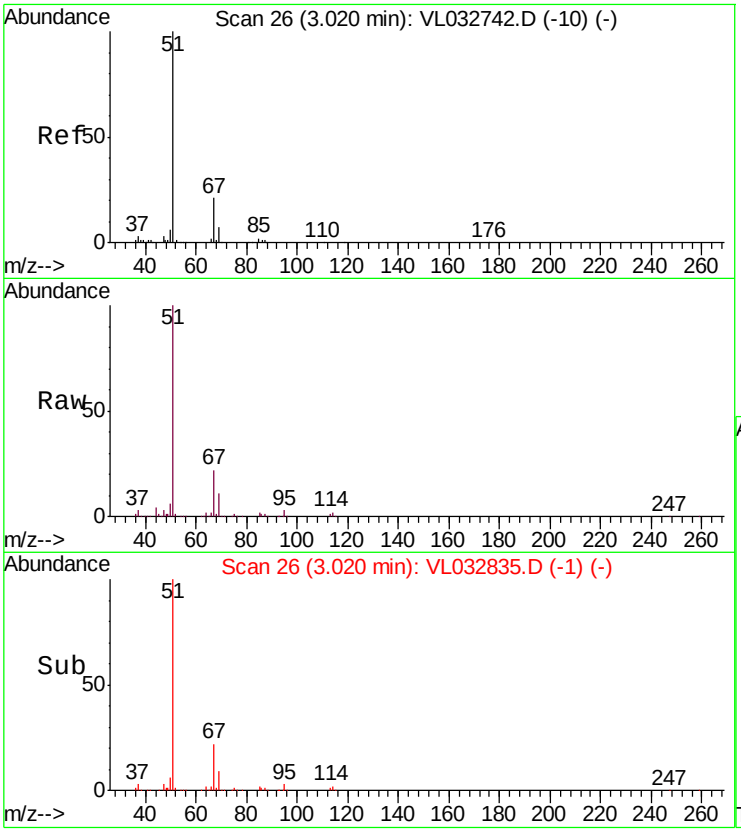


#2
Dichlorodifluoromethane
Concen: 0.553 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 85 Resp: 97855

Ion	Ratio	Lower	Upper
85	100		
87	34.2	26.0	39.0



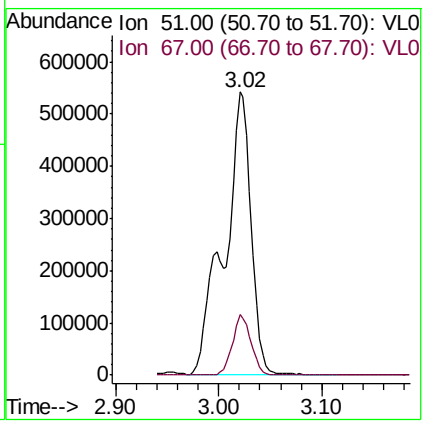


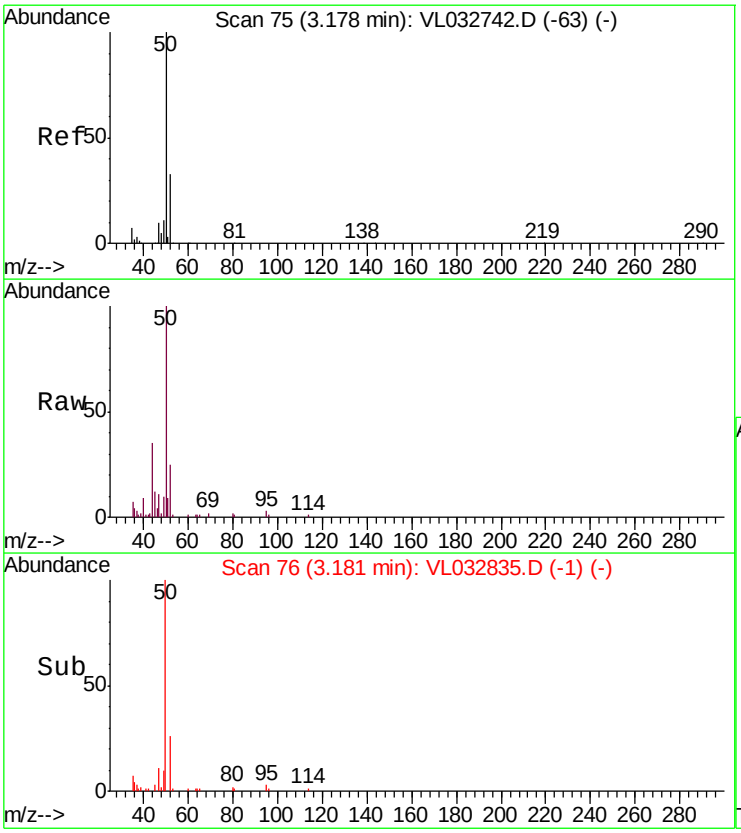
#3
Chlorodifluoromethane
Concen: 10.084 ppbv
RT: 3.02 min Scan# 26
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 51 Resp: 984266

Ion	Ratio	Lower	Upper
51	100		
67	14.9	16.1	24.1#

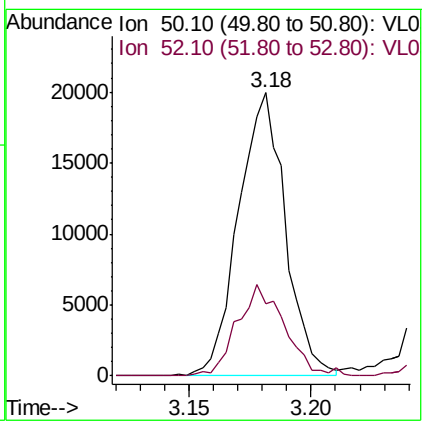


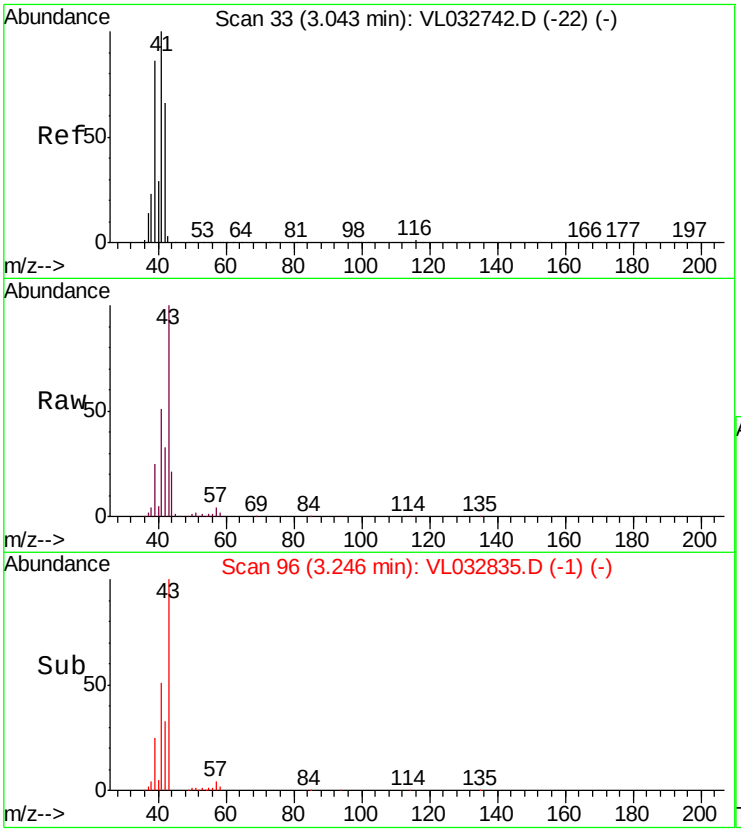


#4
Chloromethane
Concen: 0.490 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 50 Resp: 26503

Ion	Ratio	Lower	Upper
50	100		
52	25.4	26.6	40.0#



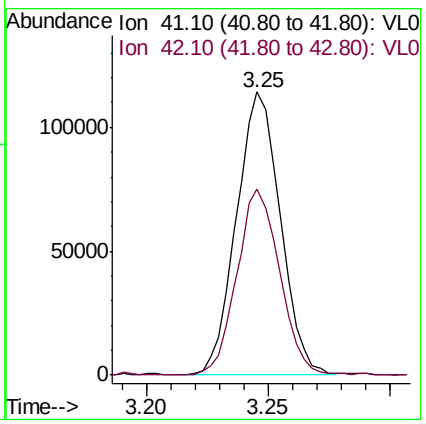


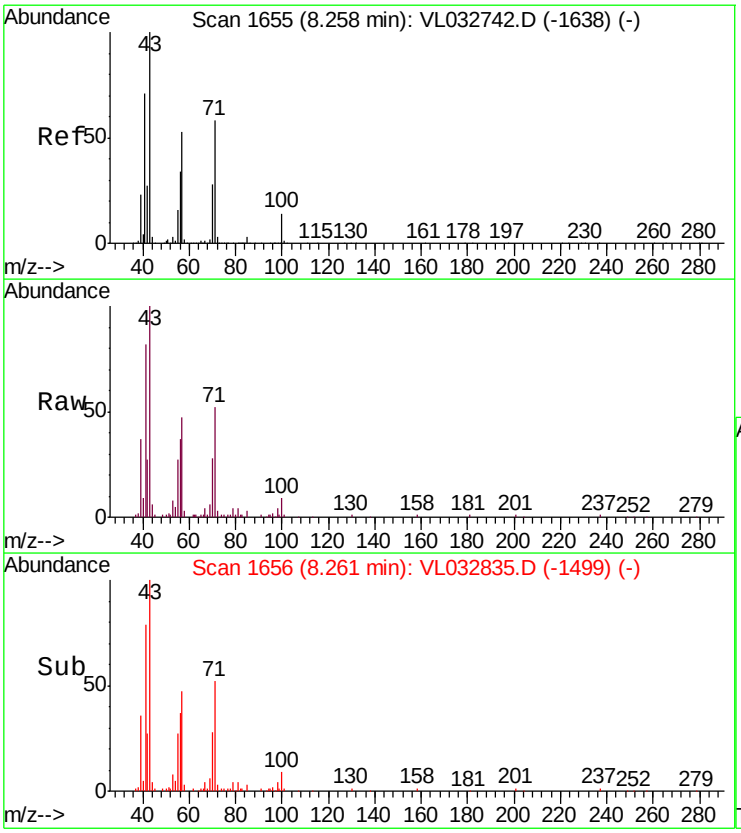
#9
Propene
Concen: 3.616 ppbv
RT: 3.25 min Scan# 96
Delta R.T. 0.20 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion: 41 Resp: 141228

Ion	Ratio	Lower	Upper
41	100		
42	65.0	55.0	82.6

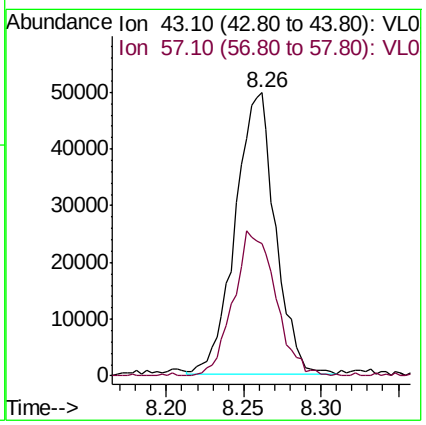


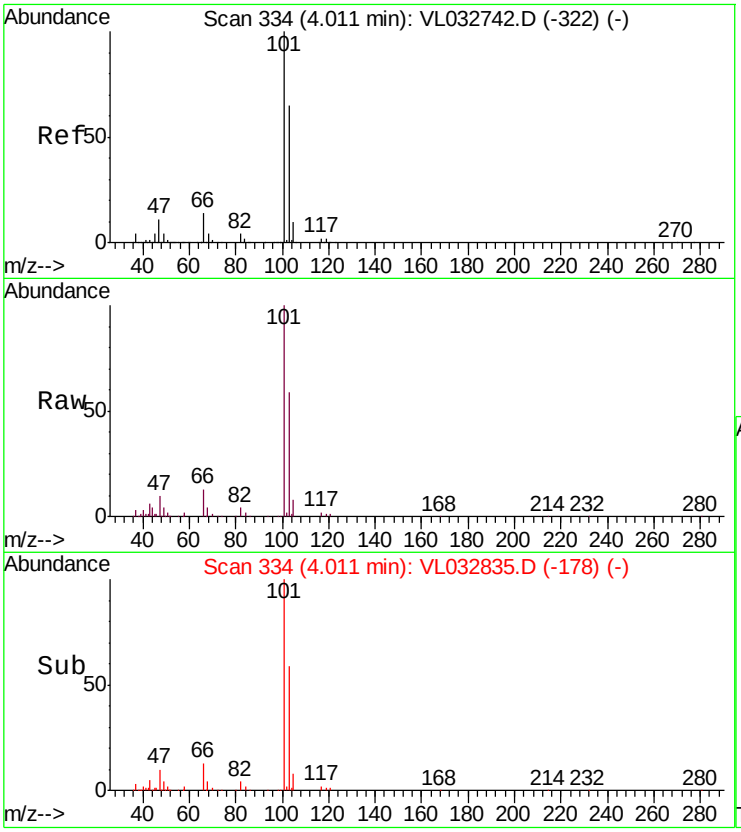


#10
Heptane
Concen: 0.601 ppbv
RT: 8.26 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 43 Resp: 89572

Ion	Ratio	Lower	Upper
43	100		
57	54.6	41.8	62.8



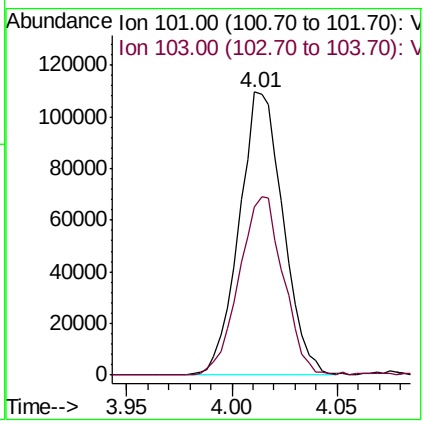


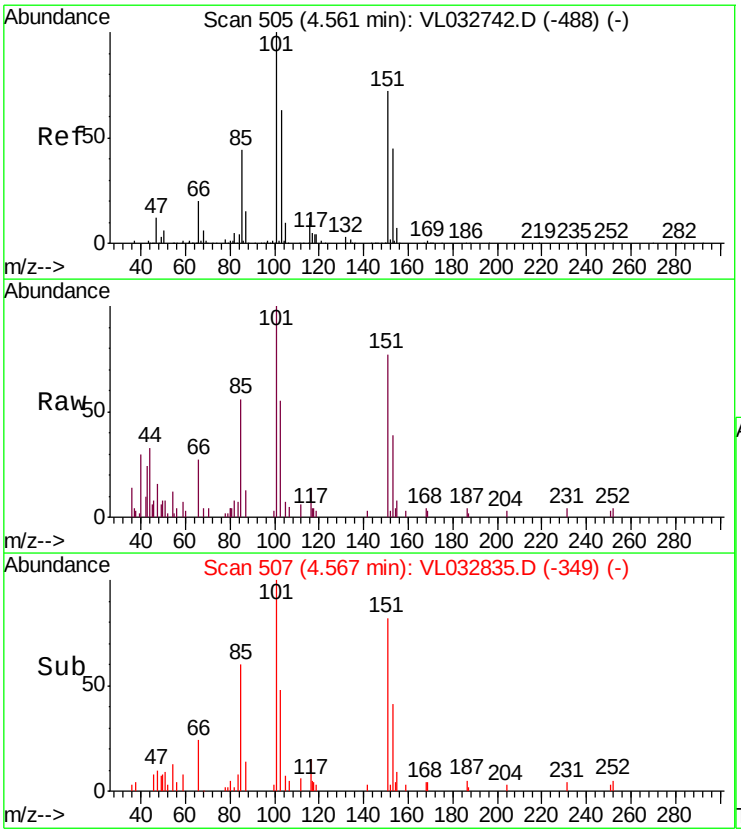
#11
Trichlorofluoromethane
Concen: 0.953 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion:101 Resp: 158927

Ion	Ratio	Lower	Upper
101	100		
103	59.3	51.6	77.4

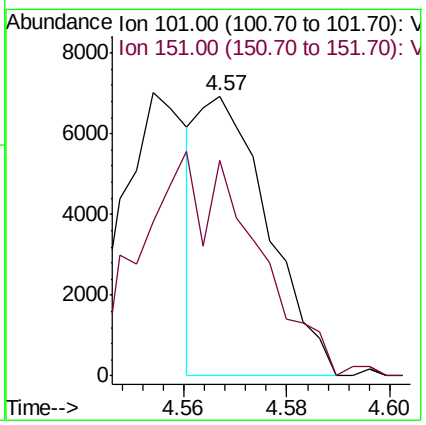


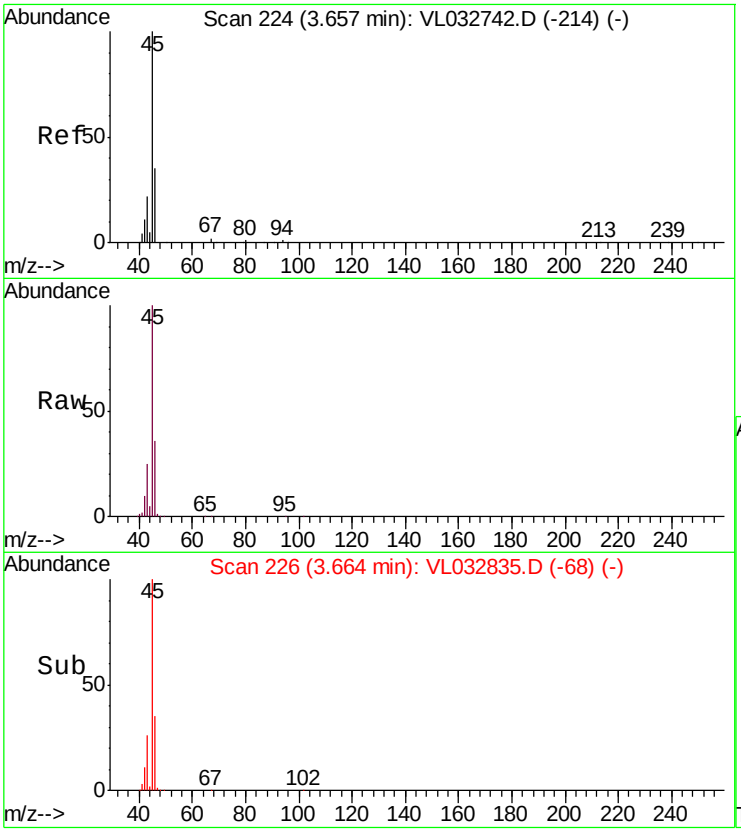


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.048 ppbv
RT: 4.57 min Scan# 507
Delta R.T. 0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion:101 Resp: 6493

Ion	Ratio	Lower	Upper
101	100		
151	131.8	56.7	85.1#



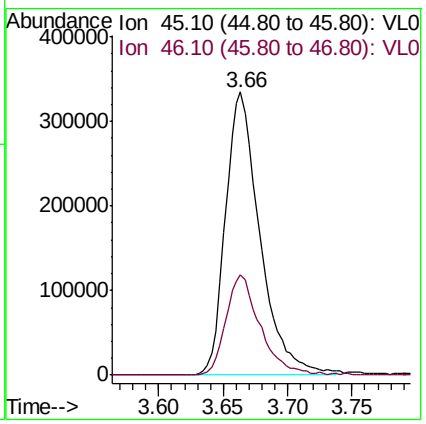


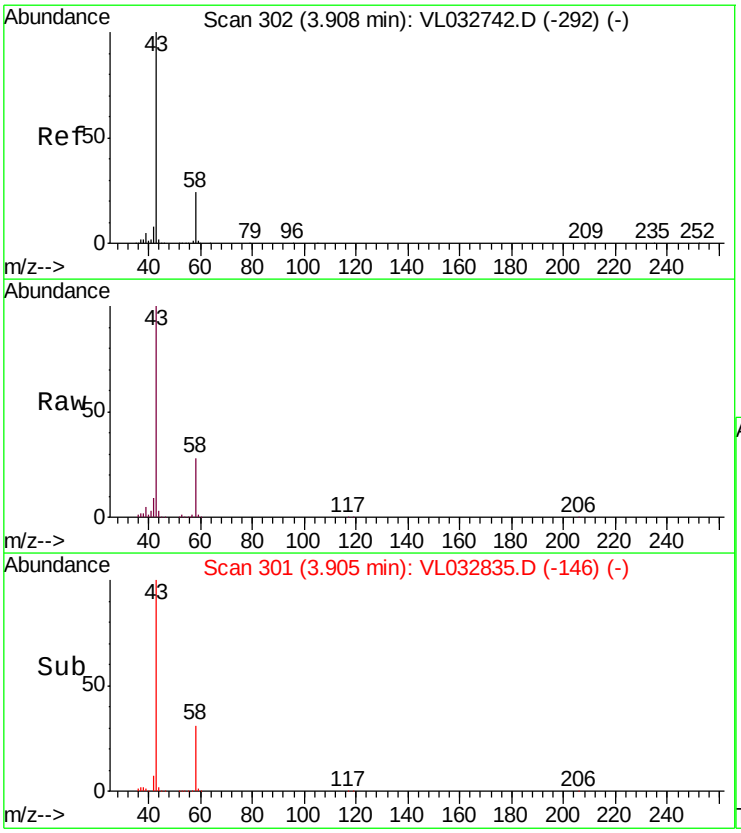
#13
Ethanol
Concen: 48.535 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion: 45 Resp: 620964

Ion	Ratio	Lower	Upper
45	100		
46	35.6	14.5	57.9

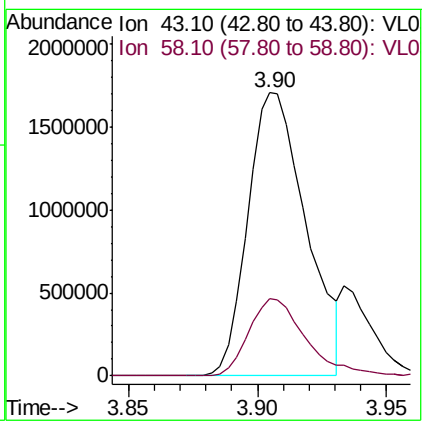


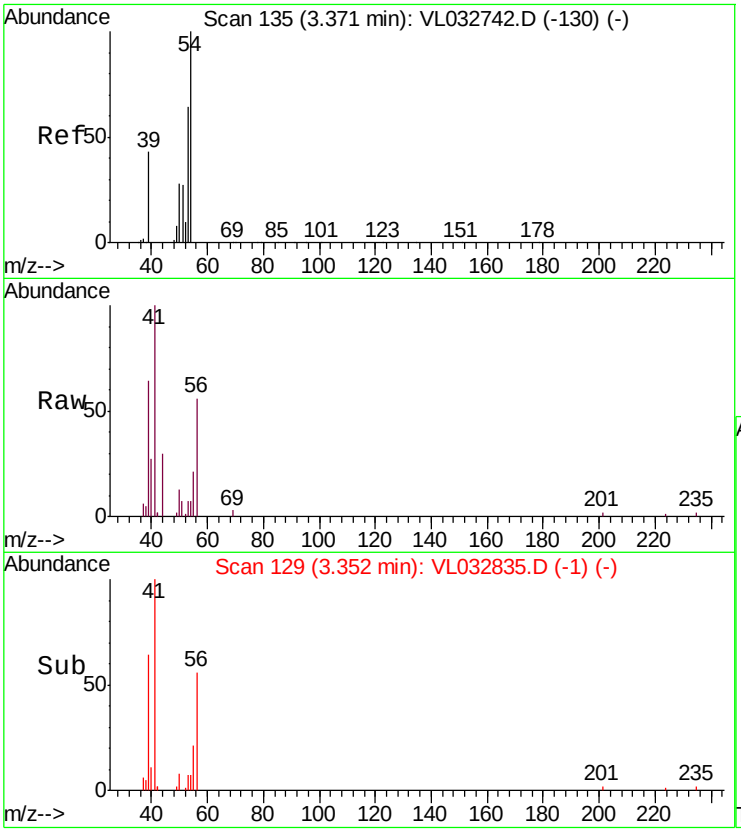


#15
Acetone
Concen: 23.874 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 43 Resp: 2684262

Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.1	31.7



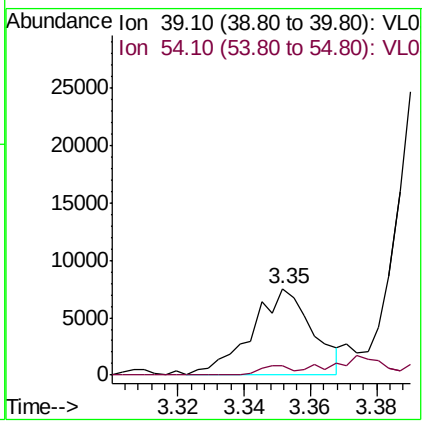


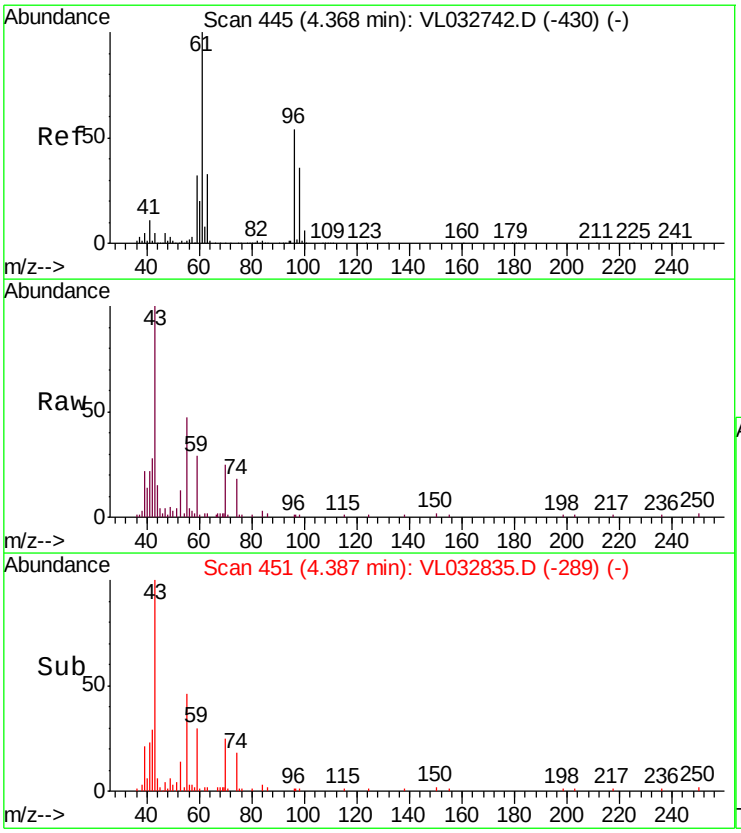
#16
1,3-Butadiene
Concen: 0.220 ppbv
RT: 3.35 min Scan# 129
Delta R.T. -0.02 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 39 Resp: 9592

Ion	Ratio	Lower	Upper
39	100		
54	43.8	68.9	103.3#

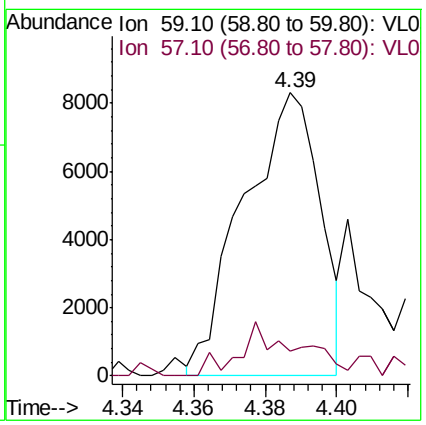


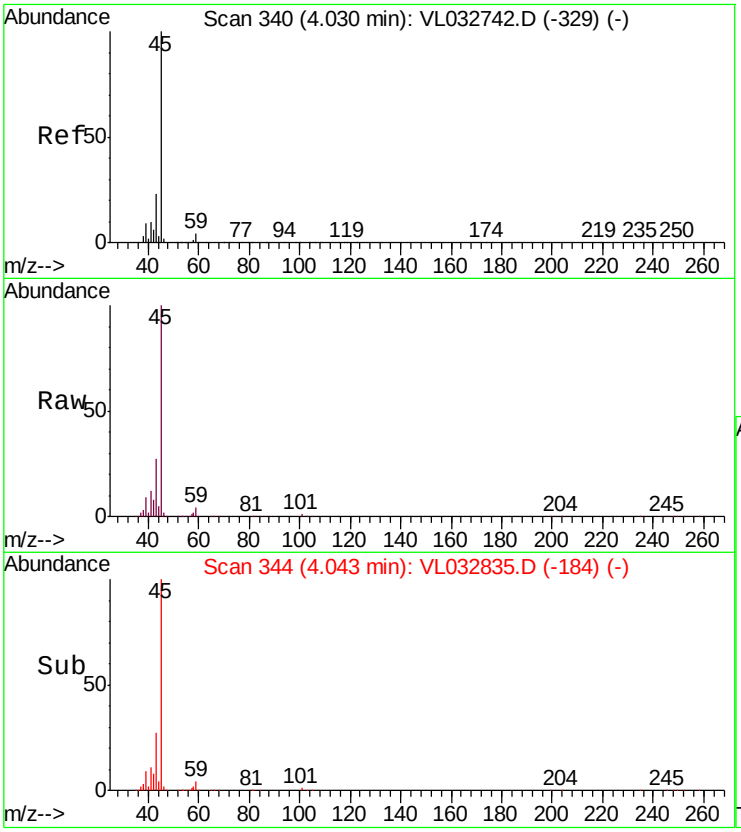


#17
tert-Butyl alcohol
Concen: 0.351 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.02 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 59 Resp: 12371

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



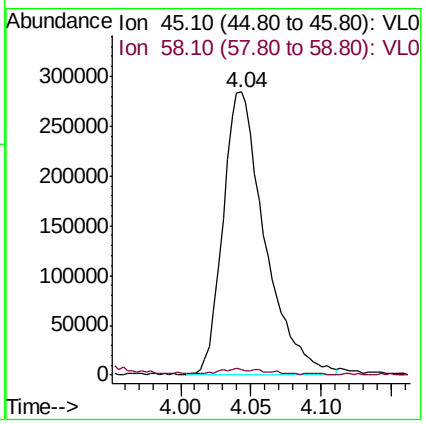


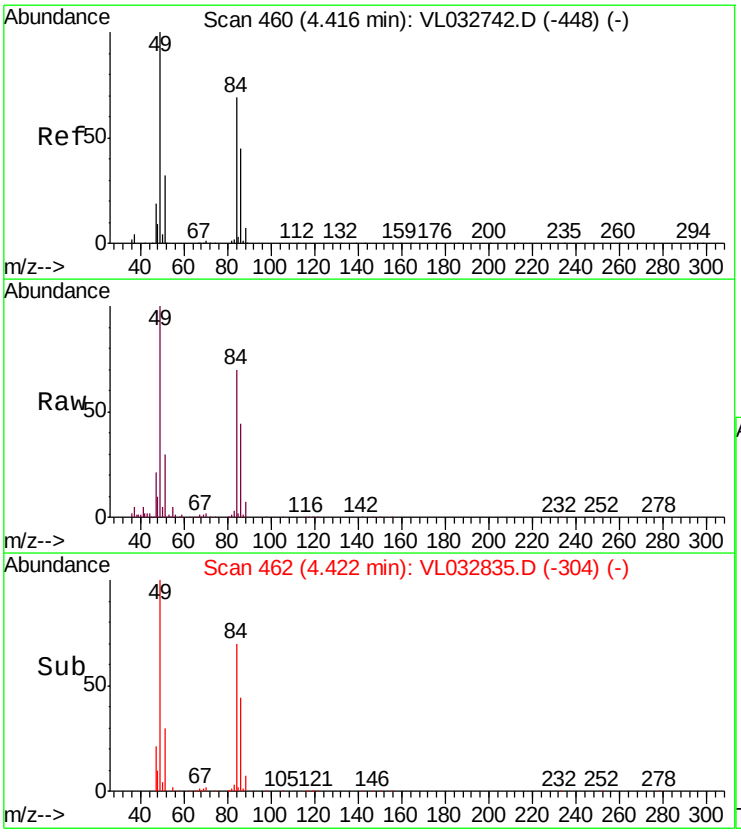
#19
Isopropyl Alcohol
Concen: 7.835 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 45 Resp: 586866

Ion	Ratio	Lower	Upper
45	100		
58	123.4	1.4	2.0#

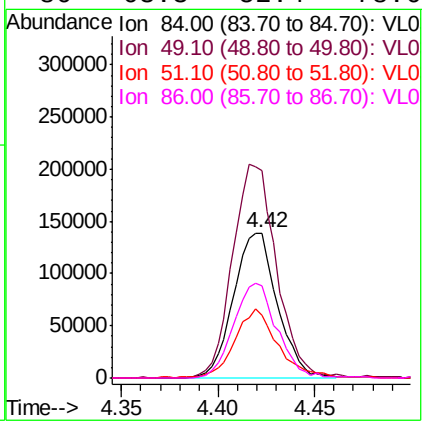


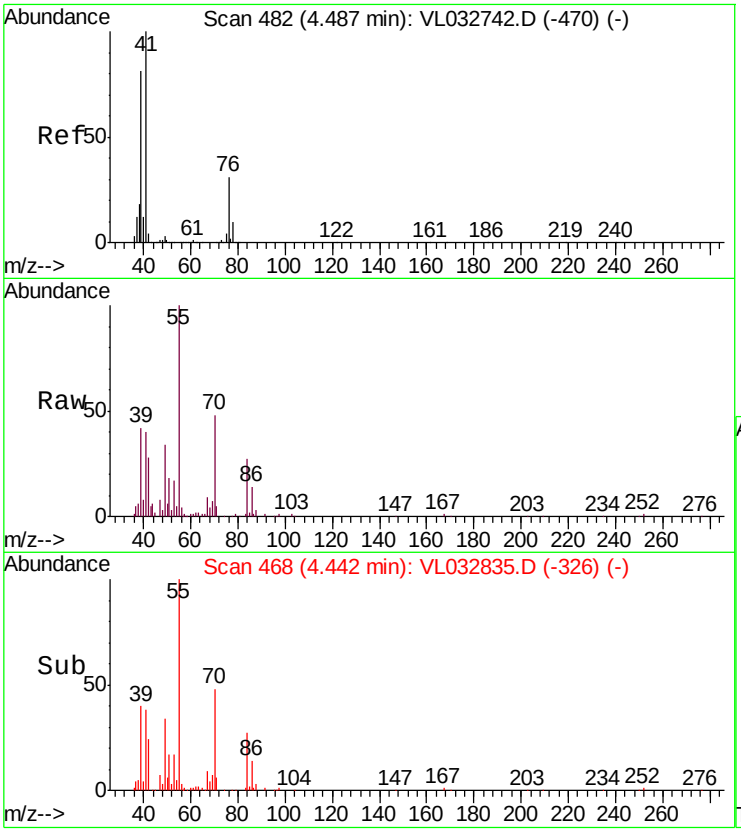


#20
Methylene Chloride
Concen: 3.761 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 84 Resp: 218935

Ion	Ratio	Lower	Upper
84	100		
49	142.2	115.8	173.6
51	42.3	36.9	55.3
86	63.3	52.4	78.6



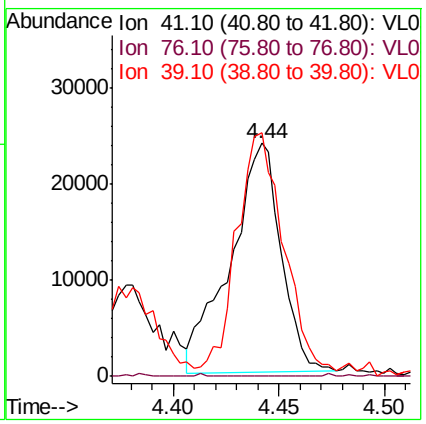


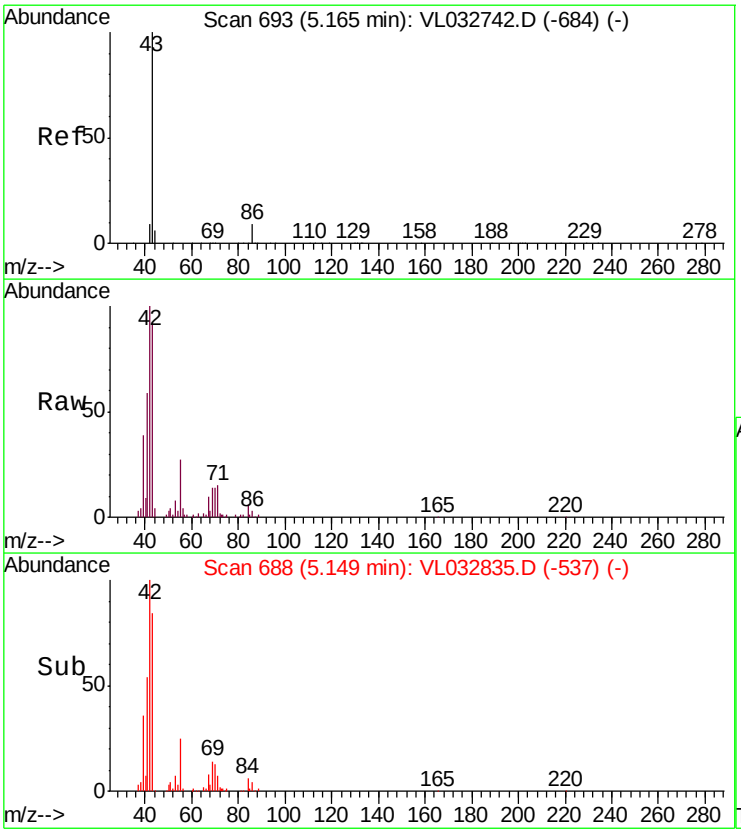
#21
Allyl Chloride
Concen: 0.423 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.04 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 41 Resp: 39933

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	102.8	63.5	95.3#

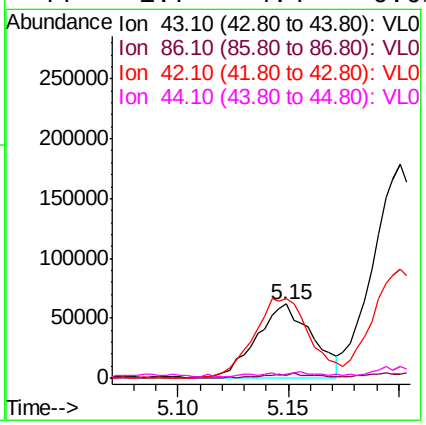


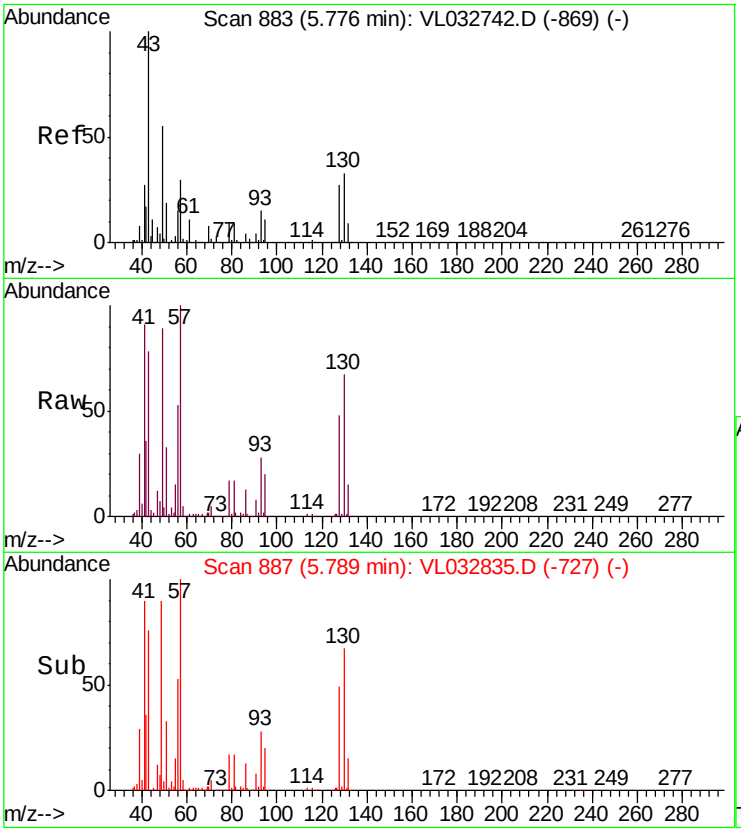


#23
Vinyl Acetate
Concen: 0.515 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.02 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 43 Resp: 105605

Ion	Ratio	Lower	Upper
43	100		
86	4.2	6.2	9.4#
42	108.8	7.8	11.6#
44	1.7	4.4	6.6#



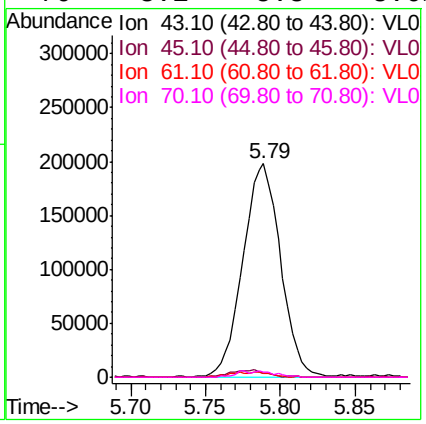


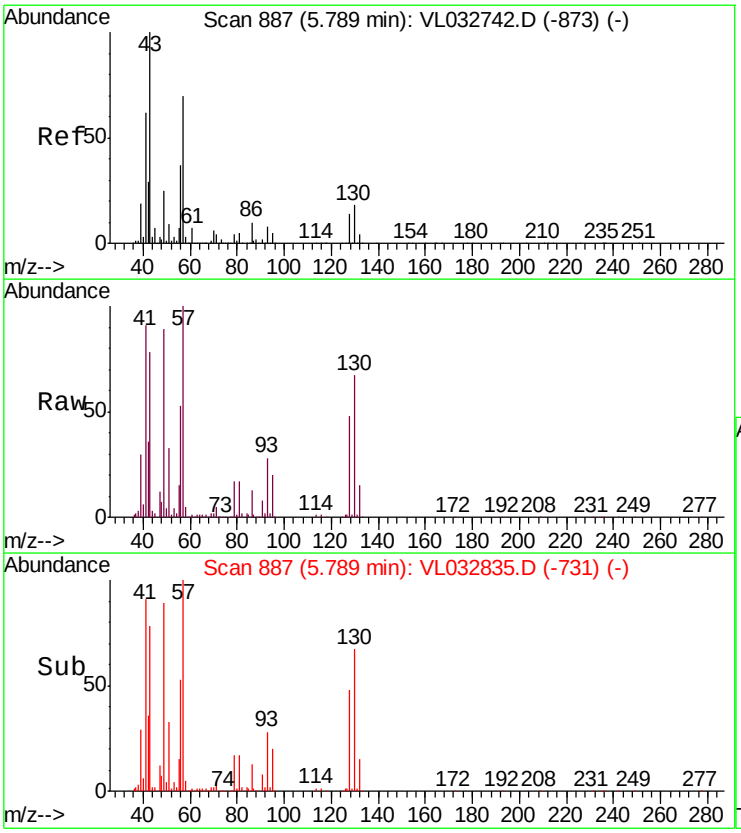
#25
Ethyl Acetate
Concen: 1.323 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion: 43 Resp: 346689

Ion	Ratio	Lower	Upper
43	100		
45	3.6	7.9	11.9#
61	2.7	7.8	11.6#
70	3.1	5.8	8.6#

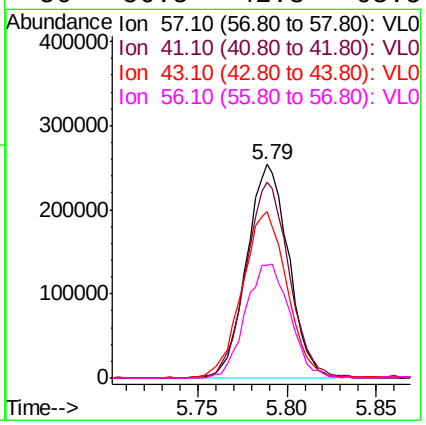


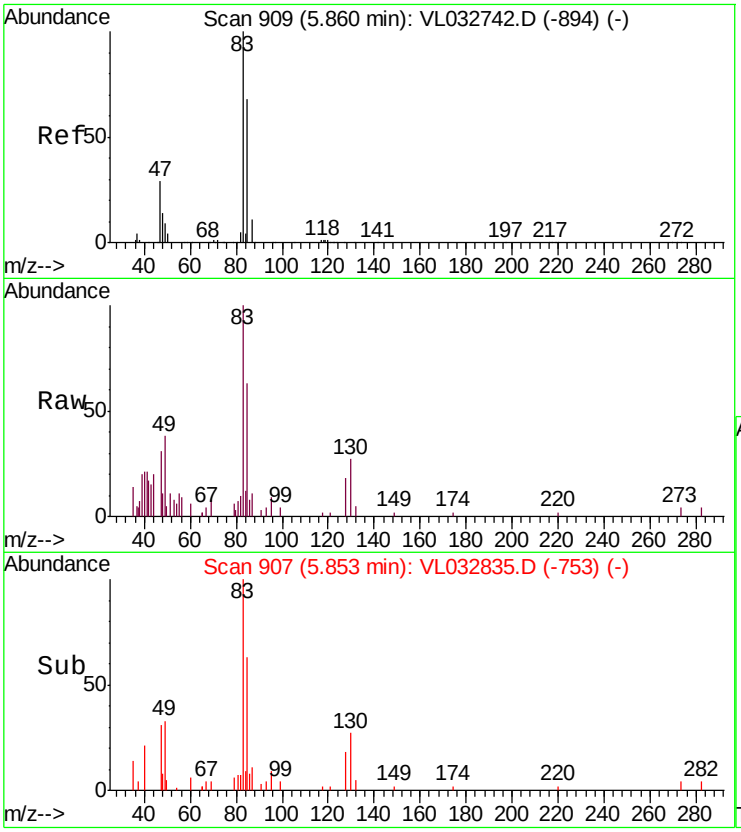


#26
Hexane
Concen: 3.566 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 57 Resp: 415964

Ion	Ratio	Lower	Upper
57	100		
41	95.4	70.3	105.5
43	84.4	174.0	261.0#
56	56.5	42.3	63.5



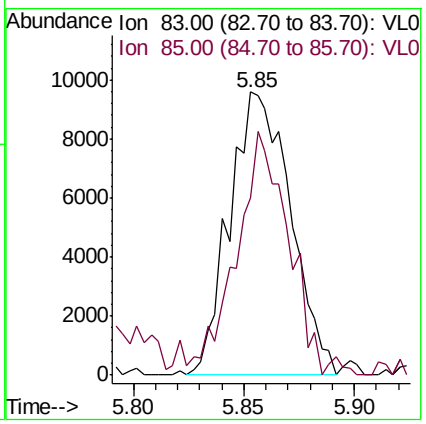


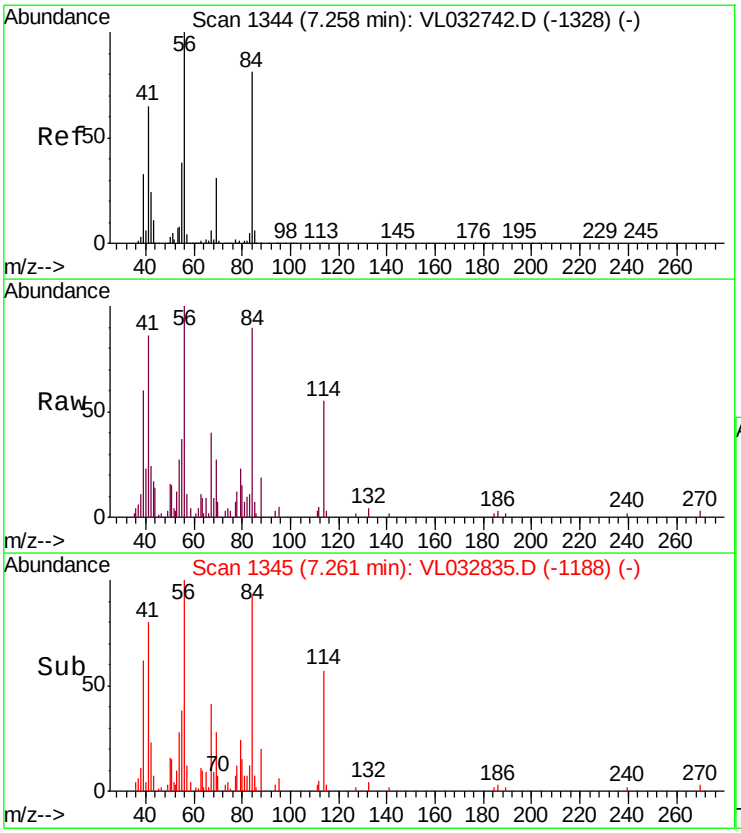
#29
Chloroform
Concen: 0.089 ppbv
RT: 5.85 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 83 Resp: 18413

Ion	Ratio	Lower	Upper
83	100		
85	67.1	54.2	81.4

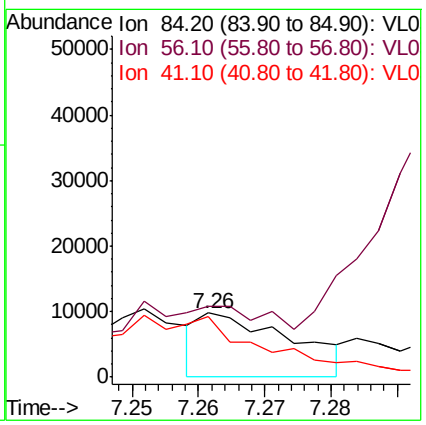


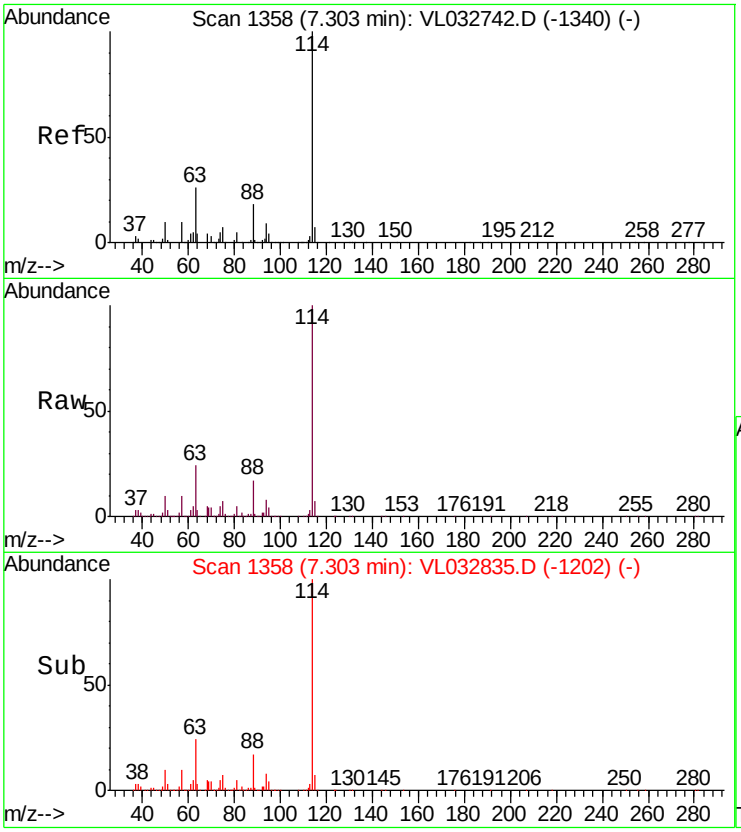


#30
Cyclohexane
Concen: 0.092 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 84 Resp: 9427

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.0	157.4#
41	0.0	65.3	97.9#



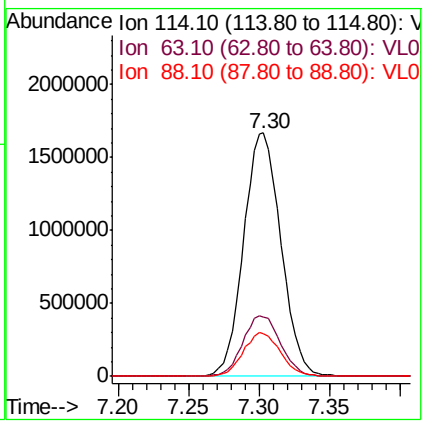


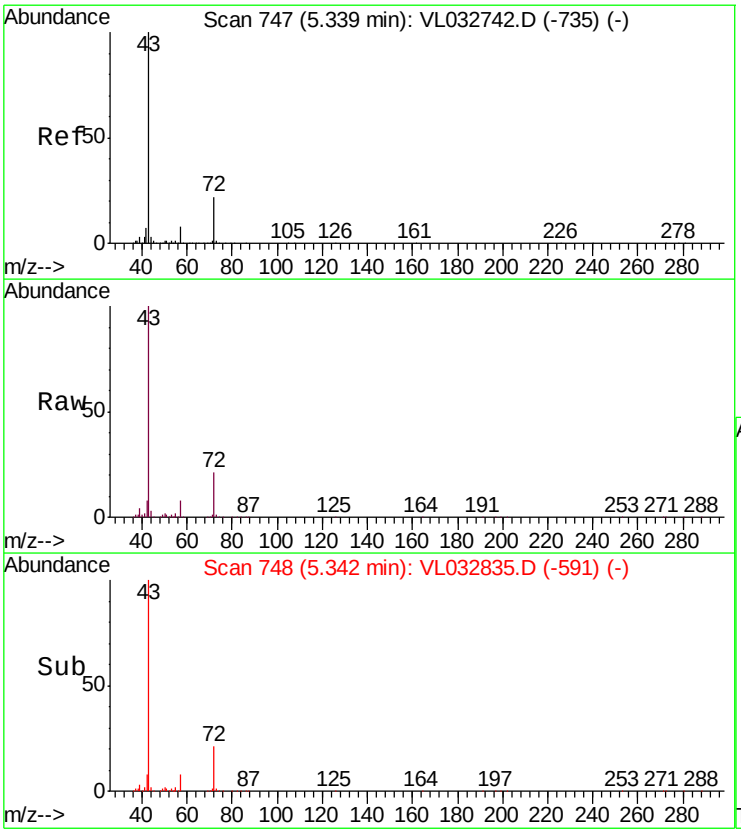
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion:114 Resp: 3088520

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.9	31.3
88	17.9	14.4	21.6

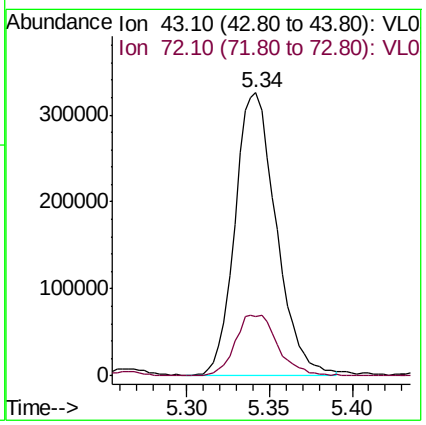


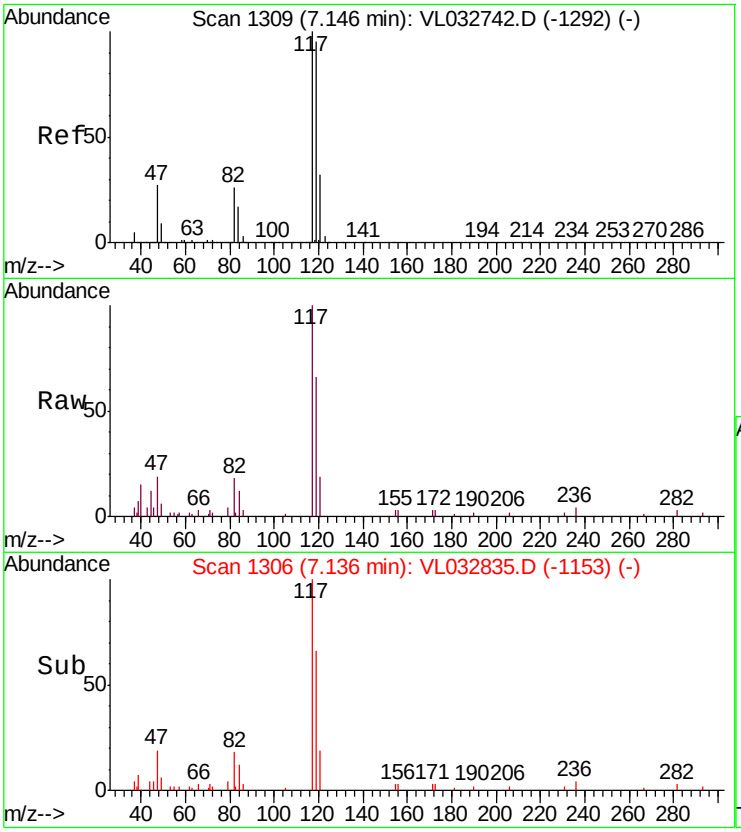


#34
2-Butanone
Concen: 3.502 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 43 Resp: 560916

Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.4	27.6



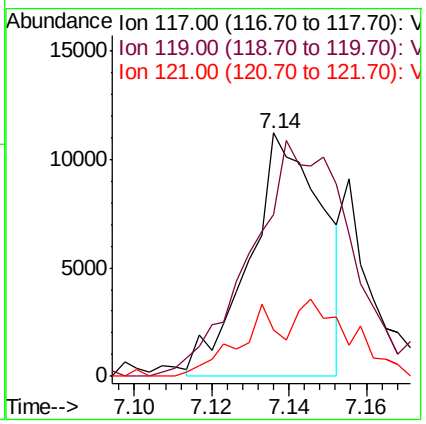


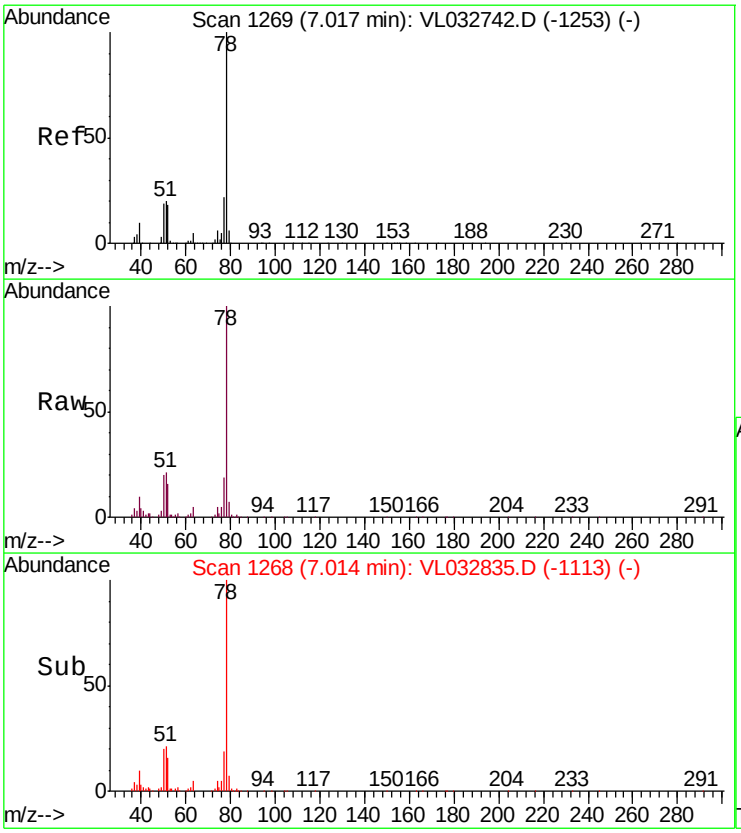
#35
Carbon Tetrachloride
Concen: 0.059 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. -0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion:117 Resp: 14656

Ion	Ratio	Lower	Upper
117	100		
119	60.3	76.1	114.1#
121	17.9	25.4	38.0#

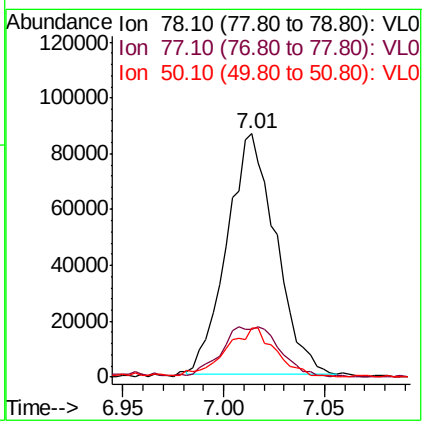


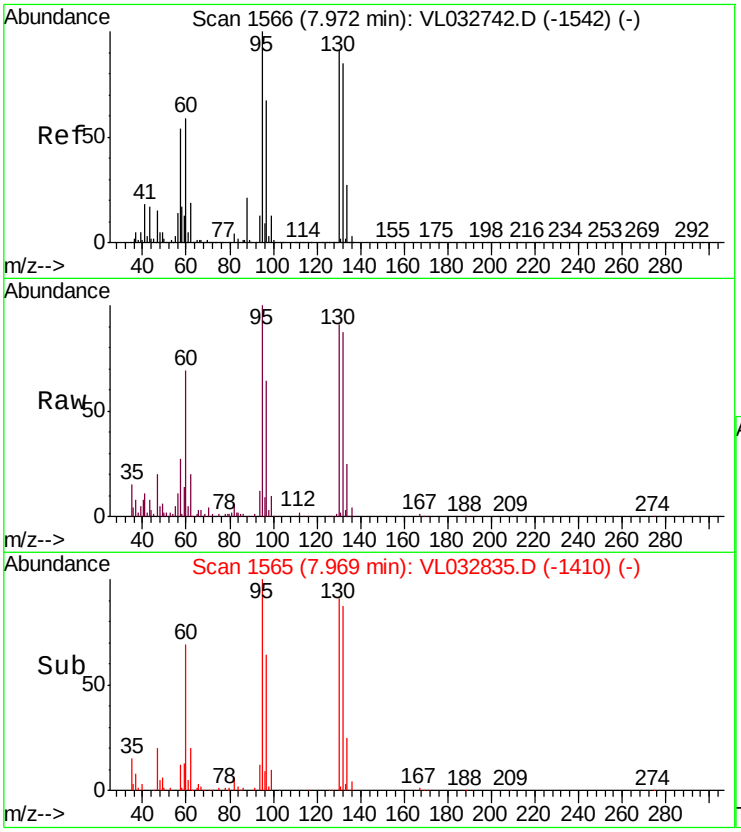


#36
Benzene
Concen: 0.596 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 78 Resp: 146515

Ion	Ratio	Lower	Upper
78	100		
77	18.9	17.8	26.8
50	20.2	15.4	23.0



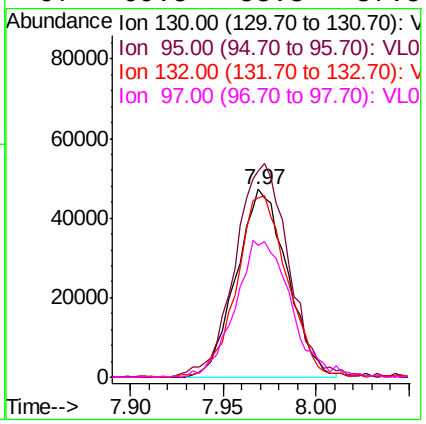


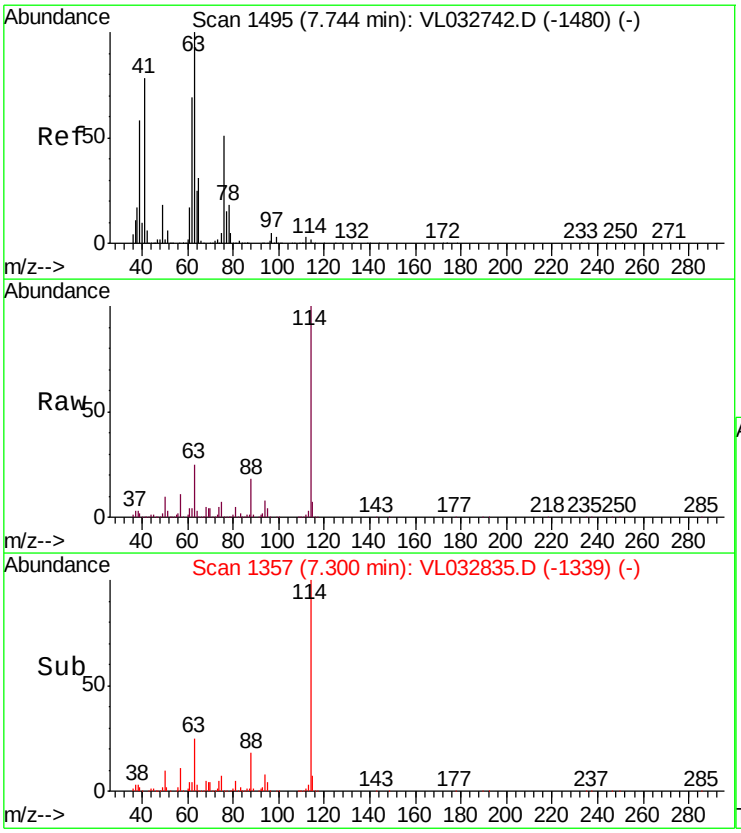
#38
Trichloroethene
Concen: 0.907 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion:130 Resp: 90249

Ion	Ratio	Lower	Upper
130	100		
95	107.0	87.7	131.5
132	93.8	74.6	111.8
97	69.5	58.3	87.5

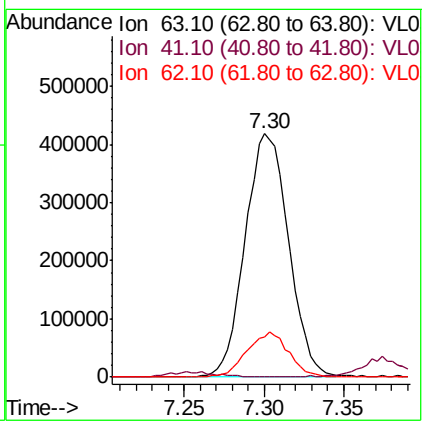


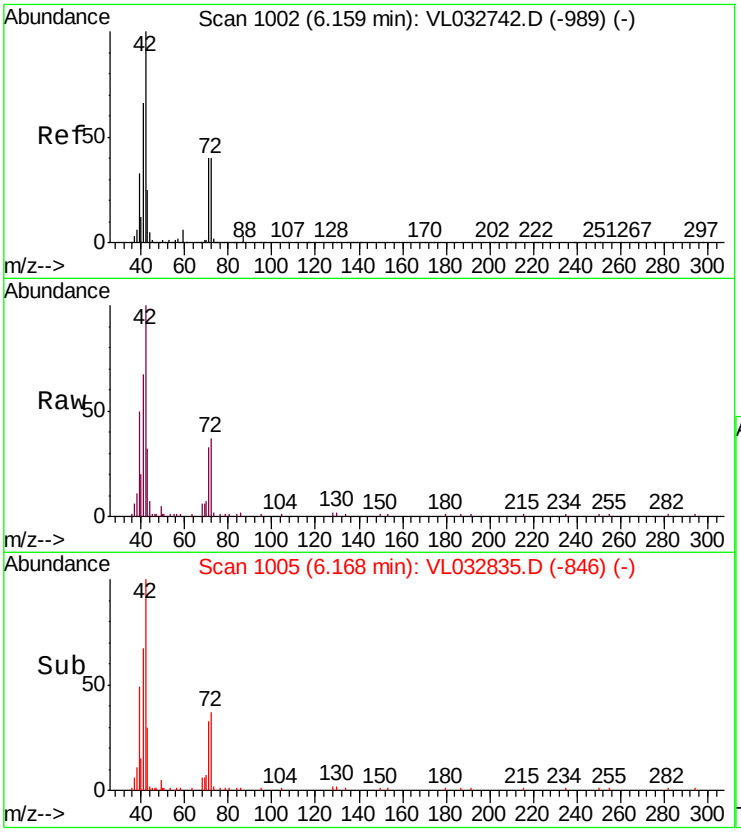


#39
1,2-Dichloropropane
Concen: 8.316 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 63 Resp: 779257

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	16.3	55.4	83.2#



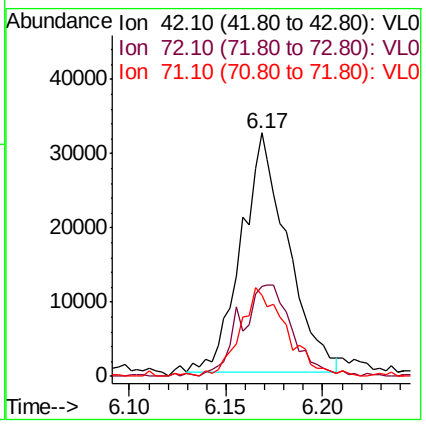


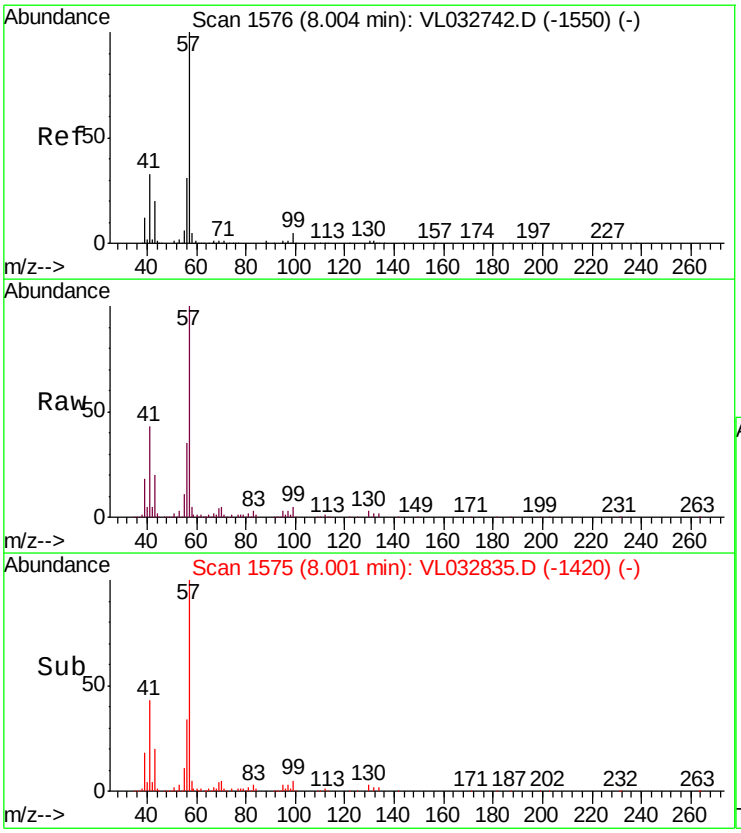
#41
Tetrahydrofuran
Concen: 0.584 ppbv
RT: 6.17 min Scan# 1005
Delta R.T. 0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 42 Resp: 53700

Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.4	48.6
71	37.5	31.6	47.4

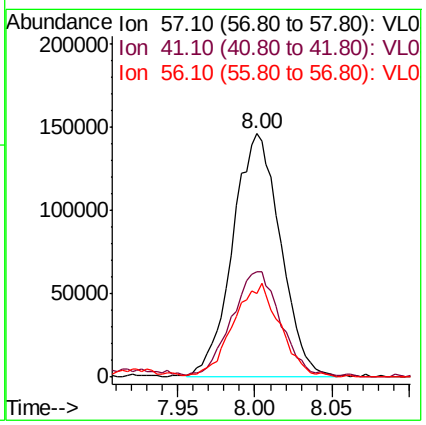


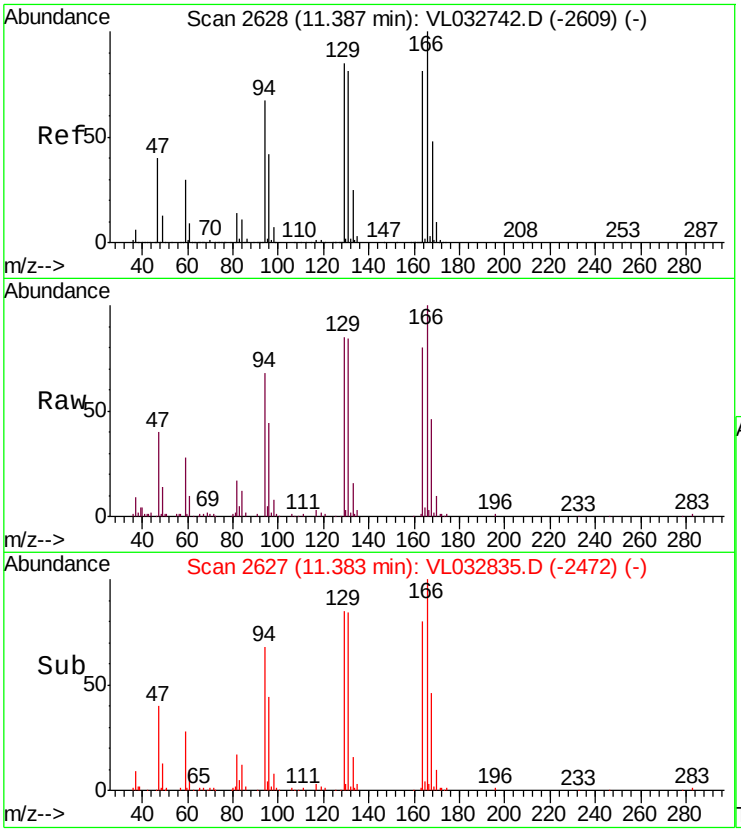


#44
2,2,4-Trimethylpentane
Concen: 0.757 ppbv
RT: 8.00 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 57 Resp: 311261

Ion	Ratio	Lower	Upper
57	100		
41	45.0	26.6	39.8#
56	38.7	24.8	37.2#



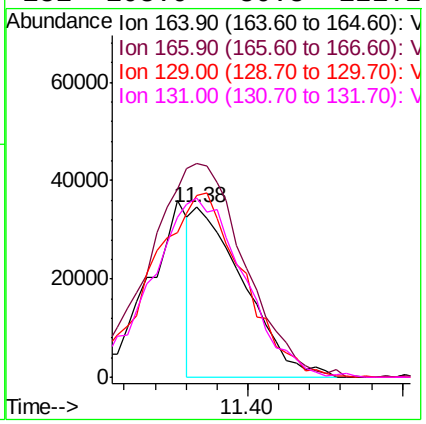


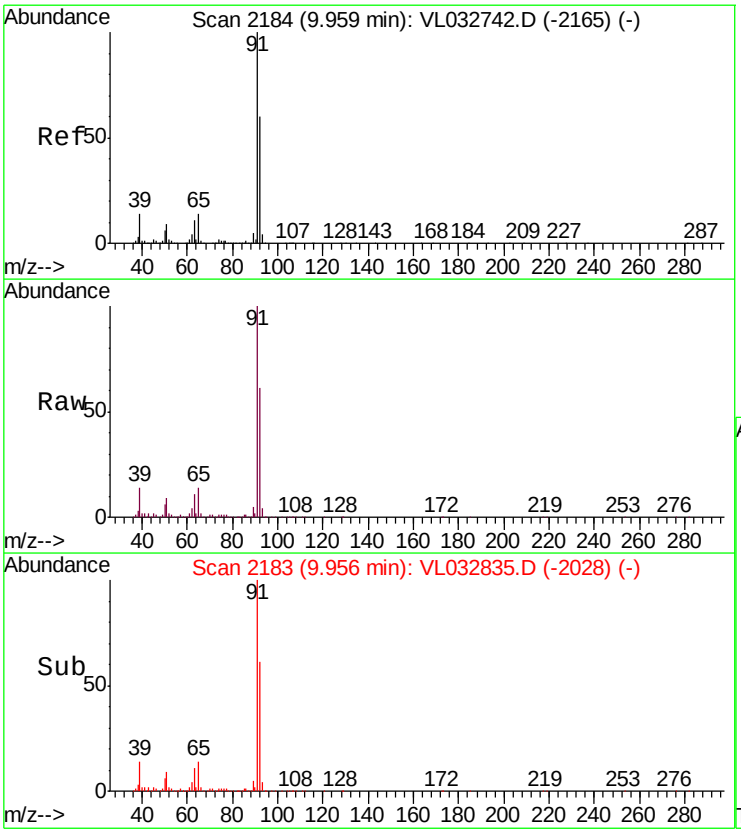
#52
Tetrachloroethene
Concen: 0.467 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion:164 Resp: 39949

Ion	Ratio	Lower	Upper
164	100		
166	121.2	99.3	148.9
129	106.2	83.9	125.9
131	103.9	80.8	121.2

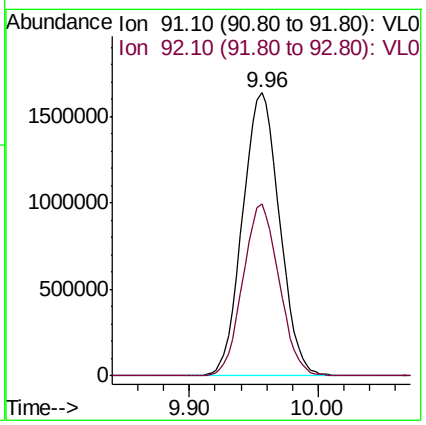


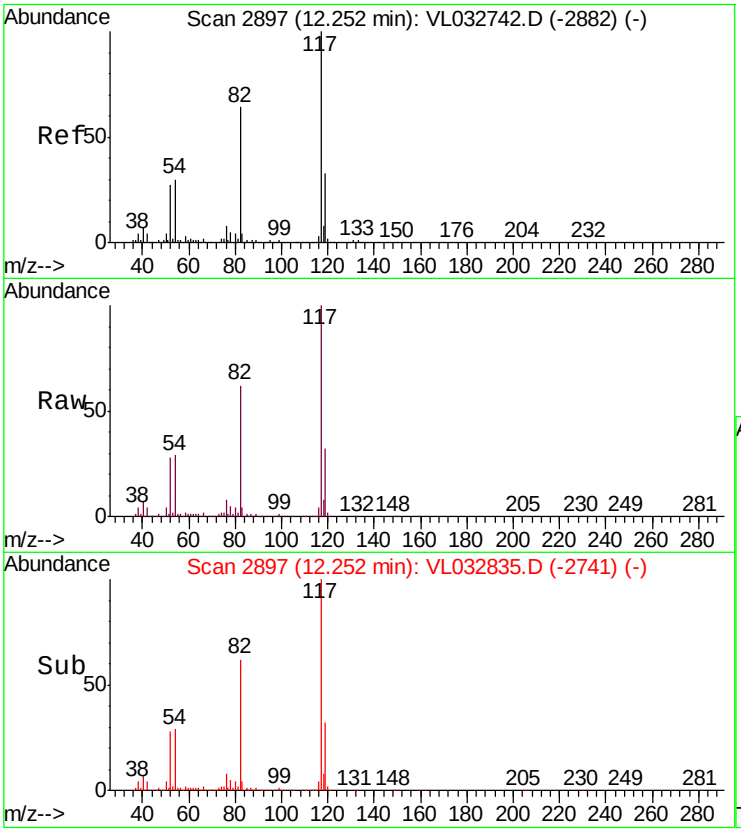


#53
Toluene
Concen: 12.808 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 91 Resp: 3286145

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.9	71.9



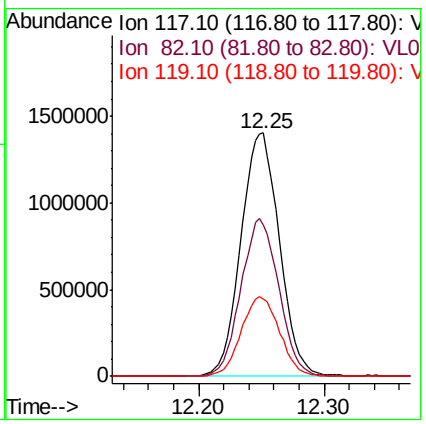


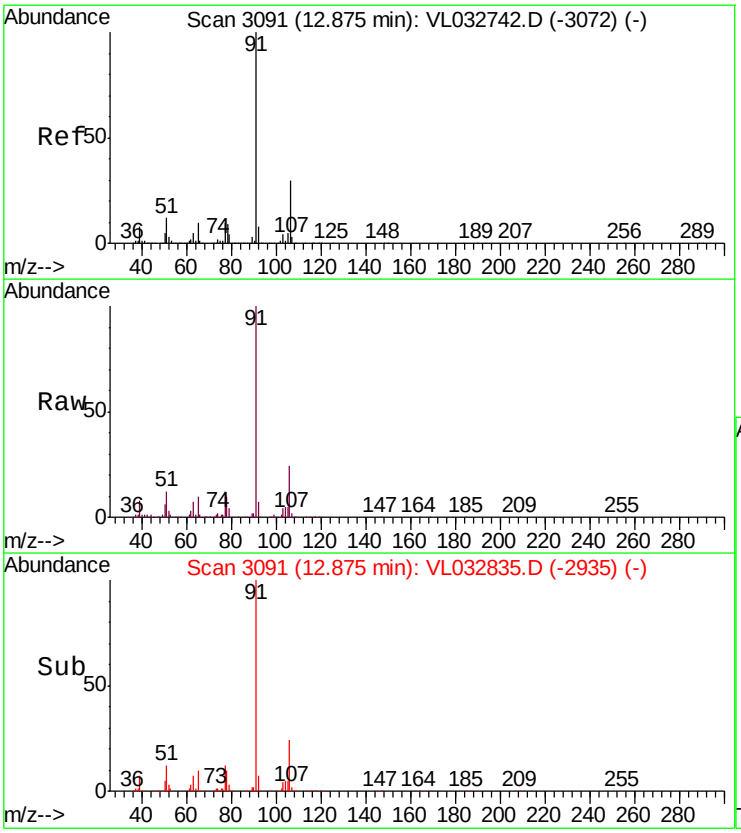
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion:117 Resp: 2991359

Ion	Ratio	Lower	Upper
117	100		
82	64.1	51.0	76.6
119	32.7	28.0	42.0

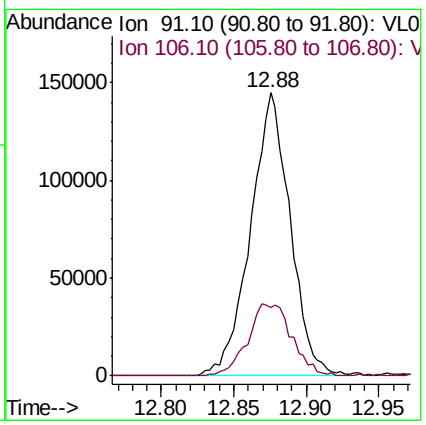


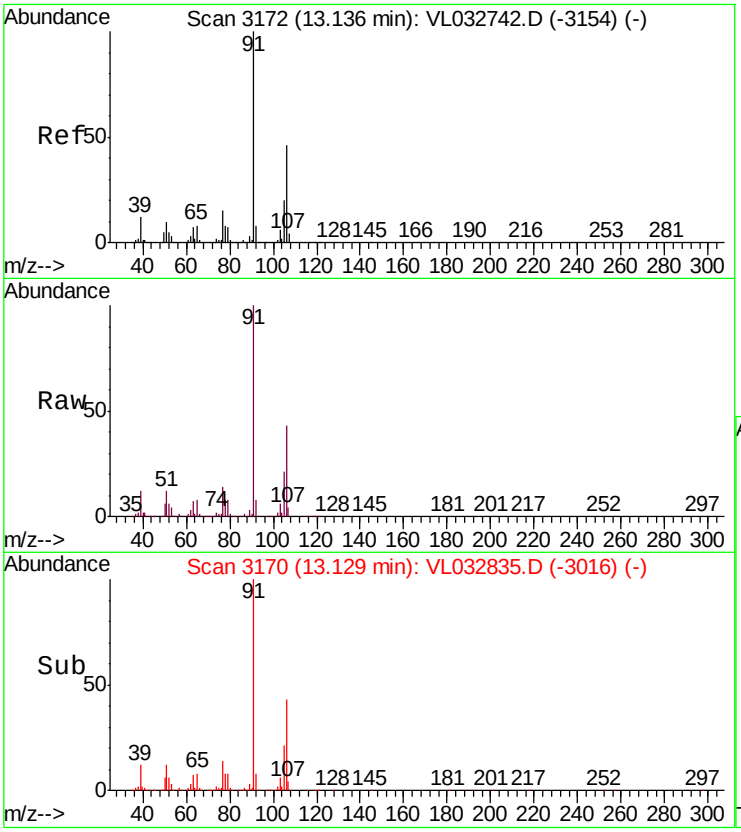


#58
Ethyl Benzene
Concen: 0.766 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 91 Resp: 275924

Ion	Ratio	Lower	Upper
91	100		
106	24.0	23.6	35.4



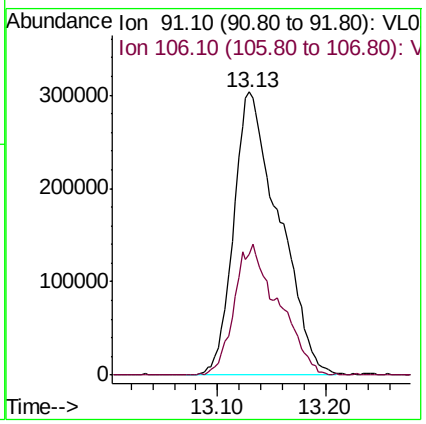


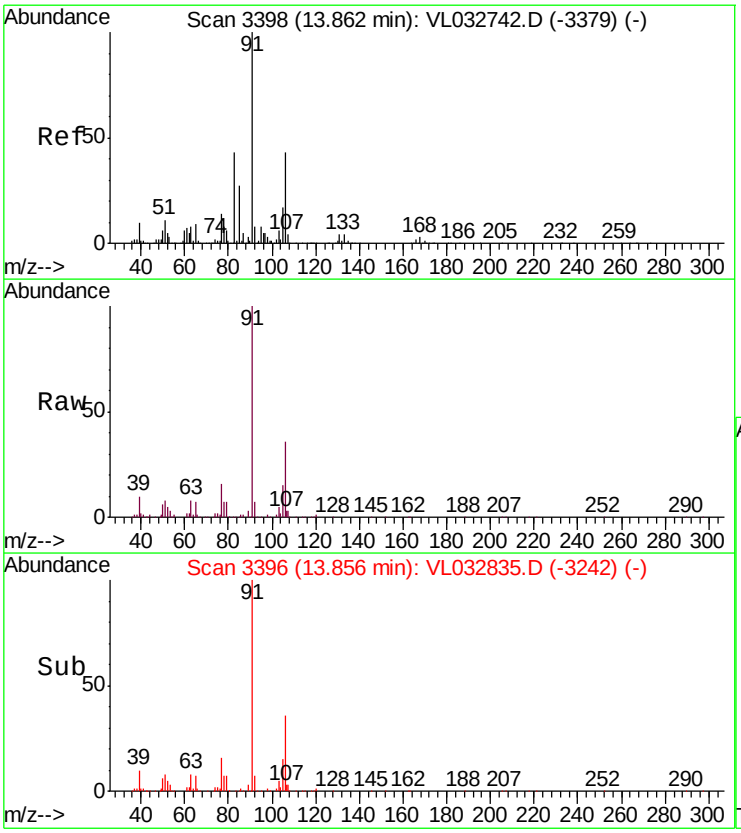
#59
m/p-Xylene
Concen: 2.771 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 91 Resp: 888149

Ion	Ratio	Lower	Upper
91	100		
106	45.2	36.1	54.1

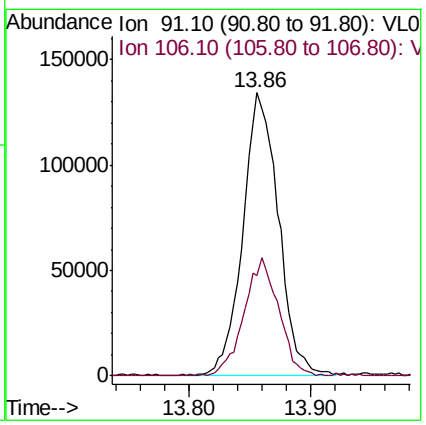


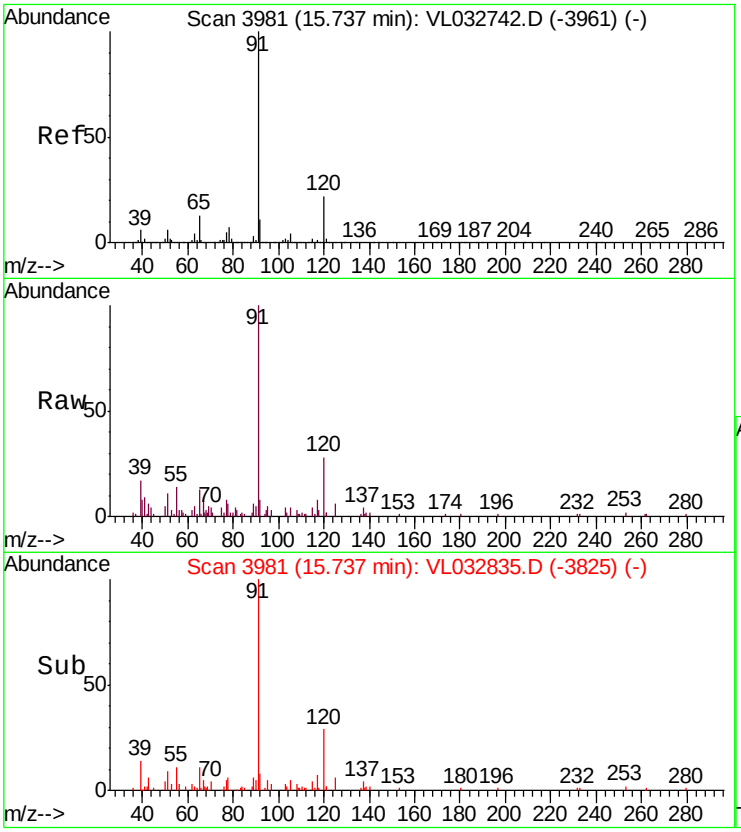


#60
o-Xylene
Concen: 0.831 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion: 91 Resp: 267720

Ion	Ratio	Lower	Upper
91	100		
106	41.2	21.9	65.7



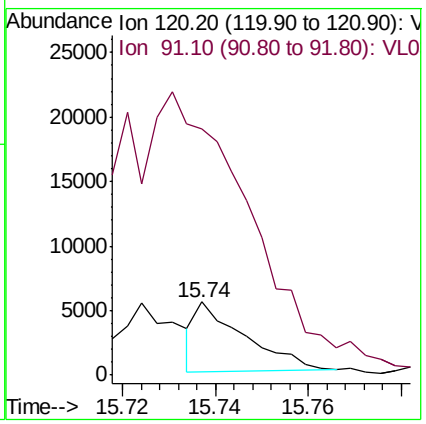


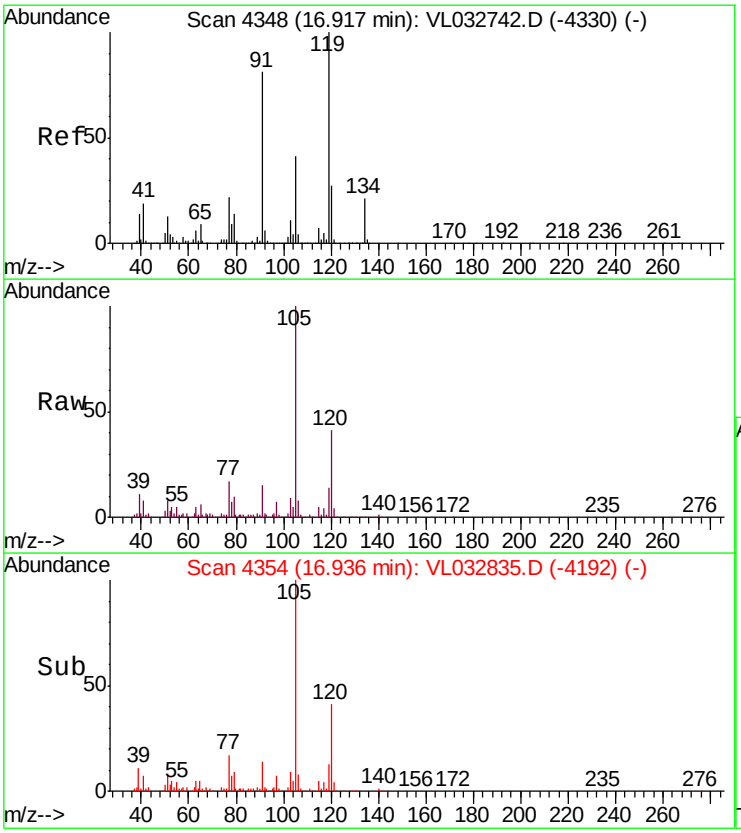
#64
n-propylbenzene
Concen: 0.035 ppbv
RT: 15.74 min Scan# 3981
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion:120 Resp: 3981

Ion	Ratio	Lower	Upper
120	100		
91	1217.5	381.7	572.5#

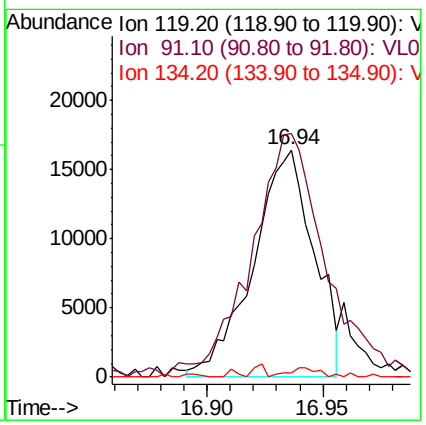


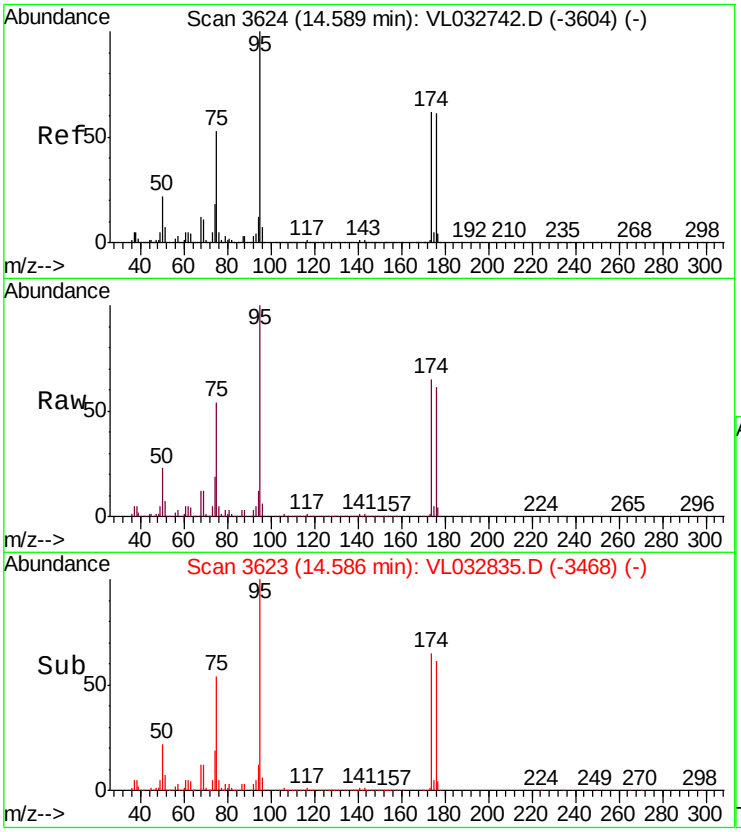


#65
tert-Butylbenzene
Concen: 0.077 ppbv
RT: 16.94 min Scan# 4354
Delta R.T. 0.02 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion:119 Resp: 29894

Ion	Ratio	Lower	Upper
119	100		
91	122.5	65.6	98.4#
134	3.5	15.9	23.9#



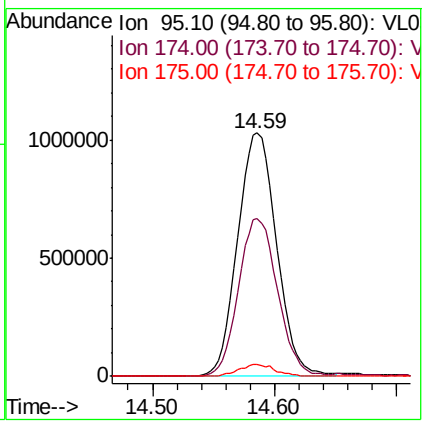


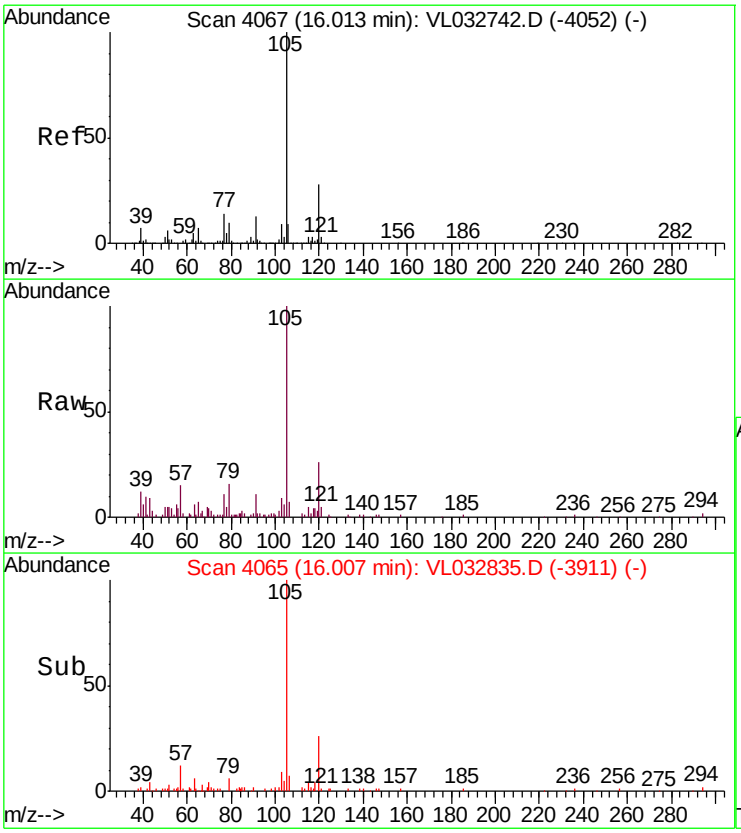
#68
1-Bromo-4-Fluorobenzene
Concen: 10.158 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument : MSVOA_L
ClientSampleId : IAS-1

Tgt Ion: 95 Resp: 2272679

Ion	Ratio	Lower	Upper
95	100		
174	66.4	50.7	76.1
175	4.7	3.8	5.6

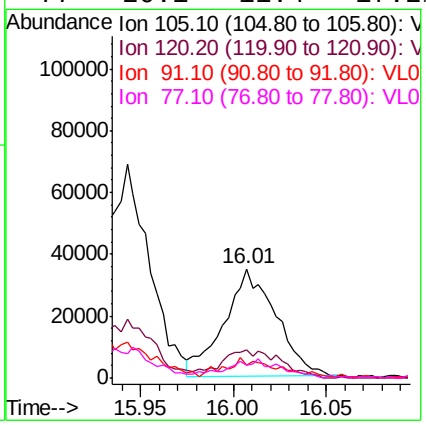


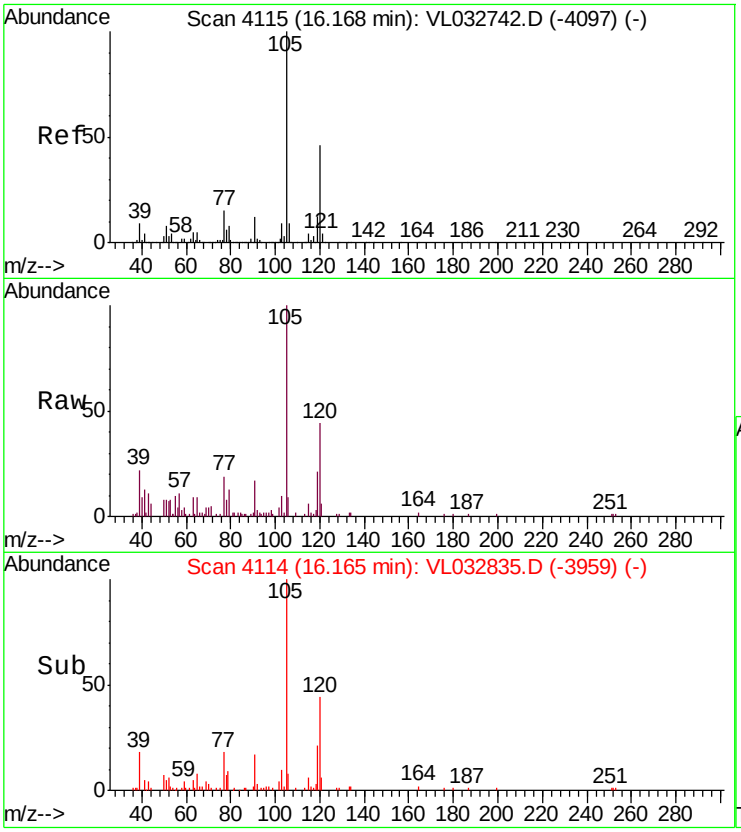


#72
4-Ethyltoluene
Concen: 0.191 ppbv
RT: 16.01 min Scan# 4065
Delta R.T. -0.01 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion:105 Resp: 67476

Ion	Ratio	Lower	Upper
105	100		
120	28.8	22.9	34.3
91	20.7	10.6	15.8#
77	20.1	11.4	17.2#



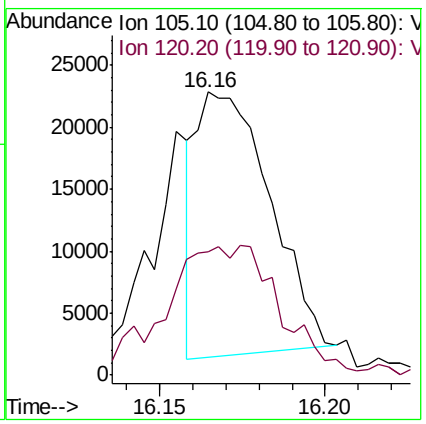


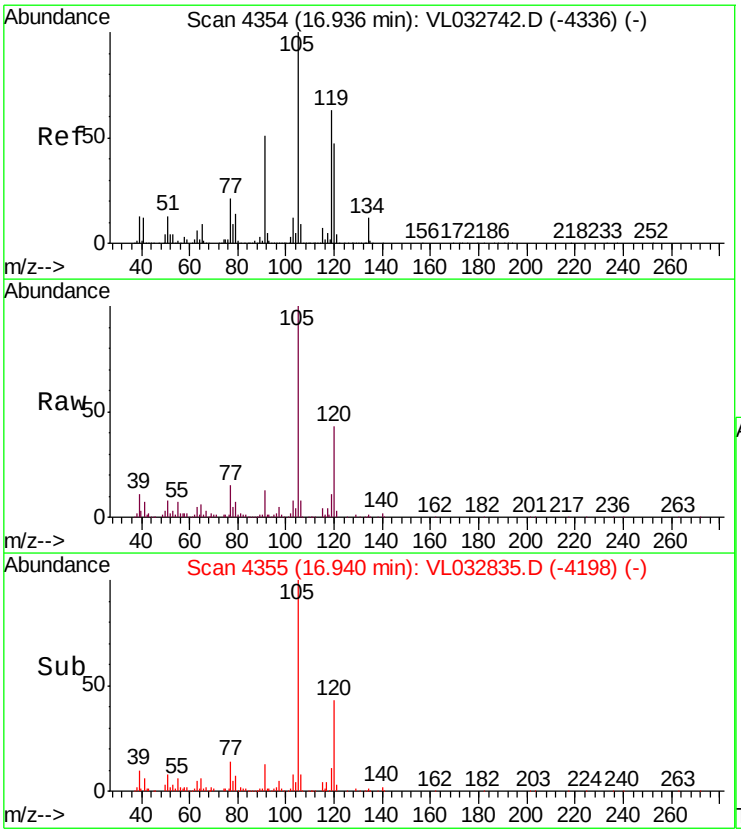
#73
1,3,5-Trimethylbenzene
Concen: 0.094 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. -0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion:105 Resp: 32586

Ion	Ratio	Lower	Upper
105	100		
120	49.4	36.6	55.0

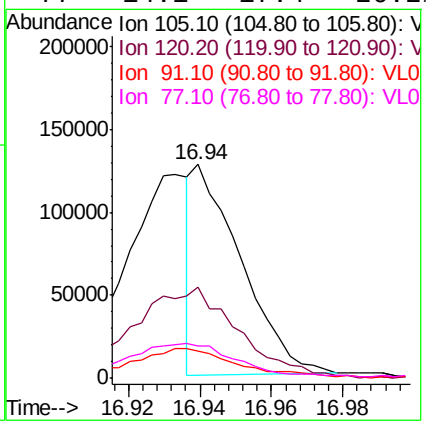


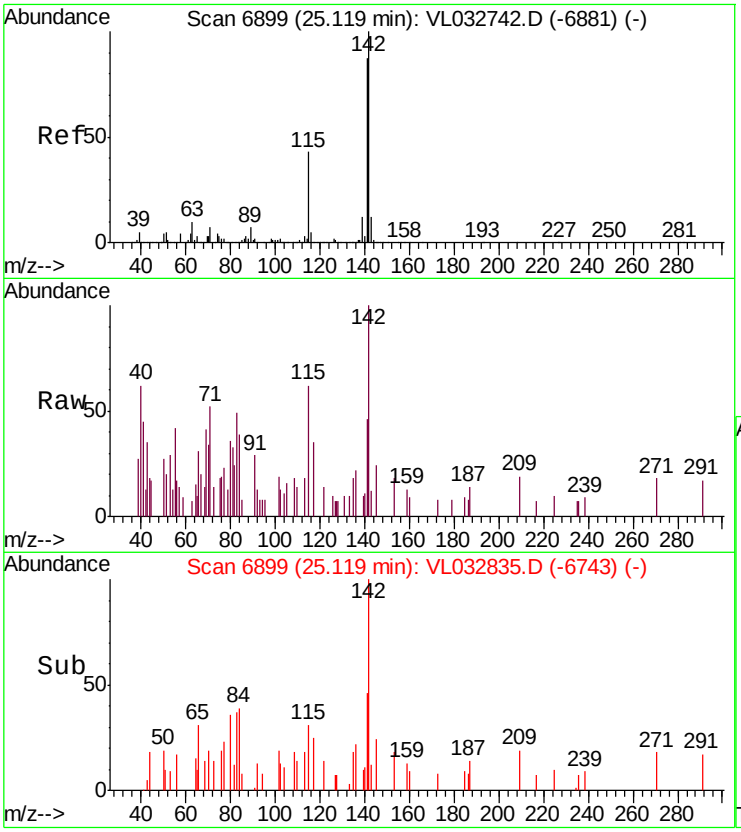


#74
1,2,4-Trimethylbenzene
Concen: 0.320 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Tgt Ion:105 Resp: 118074

Ion	Ratio	Lower	Upper
105	100		
120	45.6	37.6	56.4
91	12.4	42.5	63.7#
77	14.1	17.4	26.2#





#80
Naphthalene,2-methyl-
Concen: 0.079 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL032835.D
Acq: 29 Nov 2018 15:23

Instrument :
MSVOA_L
ClientSampleId :
IAS-1

Tgt Ion:142 Resp: 4817

Ion	Ratio	Lower	Upper
142	100		
141	95.3	68.7	103.1
115	87.7	35.5	53.3#