Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033406.D
Acq On : 21 Mar 2019 1:41
Operator : SY/AP
Sample : K1976-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1

Quant Time: Mar 21 12:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1243511	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1980167	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1901954	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1426227	10.12	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	75869	0.347	ppbv		99
3) Chlorodifluoromethane	2.99	51	125055	0.876	ppbv	#	78
4) Chloromethane	3.17	50	30509	0.395	ppbv		95
9) Propene	3.04	41	1958437	30.738	ppbv		98
10) Heptane	8.24	43	349477	2.211	ppbv		98
11) Trichlorofluoromethane	4.00	101	34994	0.161	ppbv		90
12) 1,1,2-Trichlorotrifluoroet	4.55	101	6081	0.042	ppbv	#	15
13) Ethanol	3.65	45	1192557	39.263	ppbv		97
15) Acetone	3.90	43	2141780	11.080	ppbv		95
16) 1,3-Butadiene	3.36	39	368188	5.864	ppbv		99
17) tert-Butyl alcohol	4.36	59	5672	0.209	ppbv	#	74
19) Isopropyl Alcohol	4.03	45	1214153	13.205	ppbv		100
20) Methylene Chloride	4.41	84	156877	2.488	ppbv		97
21) Allyl Chloride	4.44	41	78176	0.834	ppbv	#	43
23) Vinyl Acetate	5.13	43	363215	1.624	ppbv	#	1
25) Ethyl Acetate	5.78	43	761024	2.708	ppbv	#	84
26) Hexane	5.78	57	934639	7.440	ppbv	#	45
30) Cyclohexane	7.25	84	159142	1.580	ppbv		89
34) 2-Butanone	5.33	43	113619	0.874	ppbv		100
35) Carbon Tetrachloride	7.13	117	4360	0.031	ppbv		94
36) Benzene	7.00	78	4140477	23.364	ppbv		99
39) 1,2-Dichloropropane	7.29	63	504148	7.597	ppbv	#	24
41) Tetrahydrofuran	6.08	42	11440	0.165	ppbv	#	40
42) Bromodichloromethane	7.91	83	23072	0.154	ppbv	#	26
43) Methyl Methacrylate	8.14	69	81033	1.174	ppbv		96
44) 2,2,4-Trimethylpentane	7.99	57	896814	3.055	ppbv	#	83
50) 4-Methyl-2-Pentanone	8.89	43	13948	0.076	ppbv	#	72
51) 2-Hexanone	10.25	43	63949	0.451	ppbv	#	32
52) Tetrachloroethene	11.37	164	131188	1.777	ppbv		98
53) Toluene	9.95	91	5959313	29.594	ppbv		98
58) Ethyl Benzene	12.86	91	959335	3.566	ppbv		97
59) m/p-Xylene	13.12	91	3076055	13.303	ppbv	#	100
60) o-Xylene	13.85	91	1061640	4.706	ppbv		100
61) Styrene	13.68	104	297325	1.883	ppbv		98
62) Isopropylbenzene	14.83	105	53393	0.170	ppbv		98
64) n-propylbenzene	15.72	120	48675	0.613	ppbv		98
67) sec-Butylbenzene	17.45	105	13442	0.034	ppbv	#	90
70) n-Butylbenzene	18.72	91	49098	0.141	ppbv	#	27
71) 2-Chlorotoluene	15.72	91	229295	0.939	ppbv	#	46
72) 4-Ethyltoluene	16.00	105	375989	1.468	ppbv		99
73) 1,3,5-Trimethylbenzene	16.15	105	359231	1.439	ppbv		95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033406.D
Acq On : 21 Mar 2019 1:41
Operator : SY/AP
Sample : K1976-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1

Quant Time: Mar 21 12:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	16.92	105	1208001	4.571	ppbv	#	70
76) 1,4-Dichlorobenzene	17.31	146	7917	0.052	ppbv	#	37
79) Naphthalene	22.41	128	294203	1.155	ppbv		97
80) Naphthalene,2-methyl-	25.12	142	14516	0.120	ppbv		96

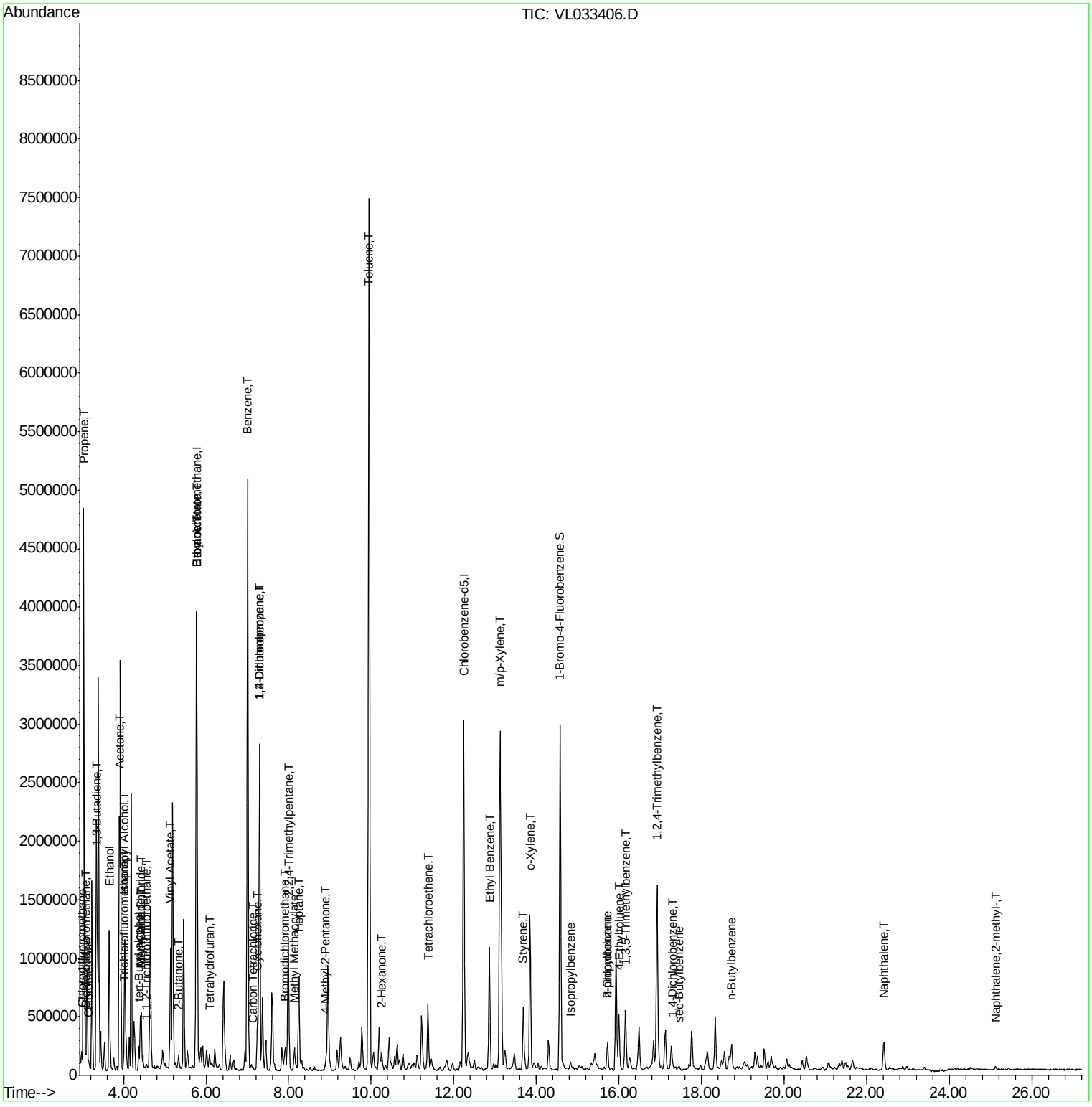
(#) = qualifier out of range (m) = manual integration (+) = signals summed

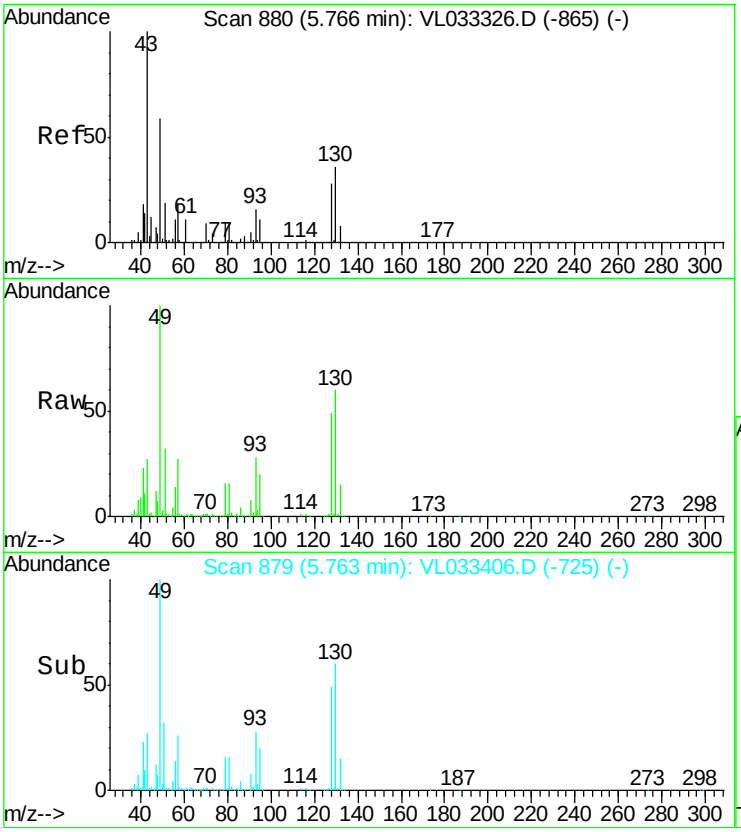
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033406.D
Acq On : 21 Mar 2019 1:41
Operator : SY/AP
Sample : K1976-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Mar 21 12:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



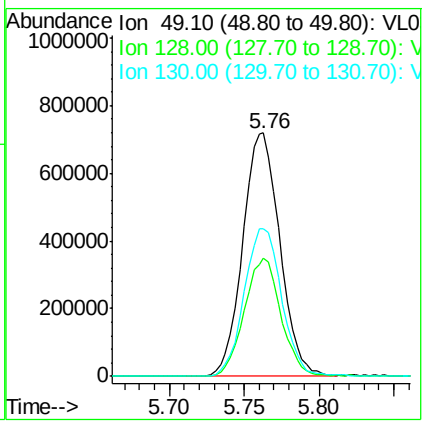


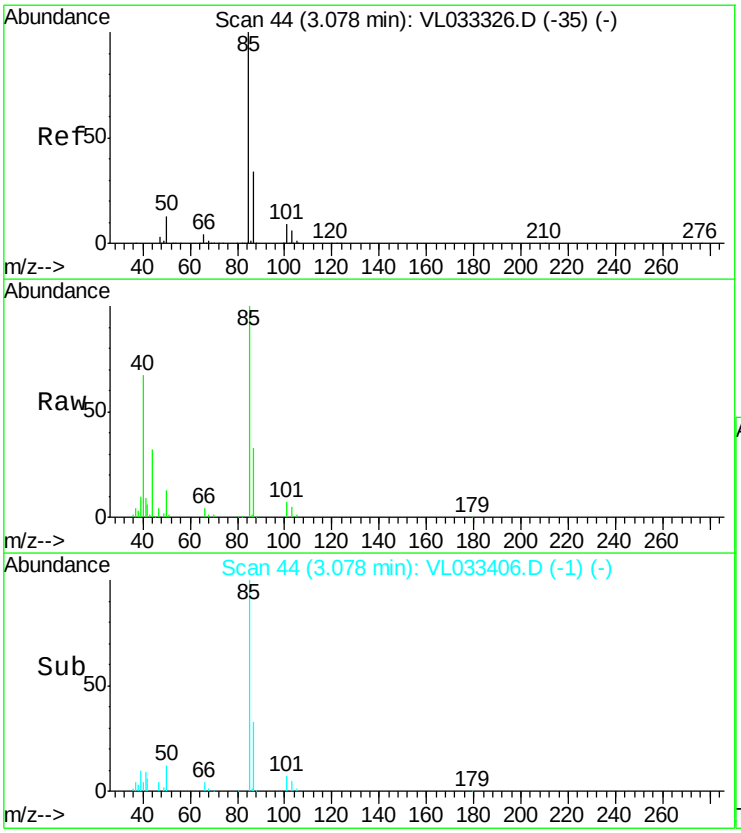
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 49 Resp: 1243511

Ion	Ratio	Lower	Upper
49	100		
128	48.3	23.5	70.6
130	61.8	30.1	90.3

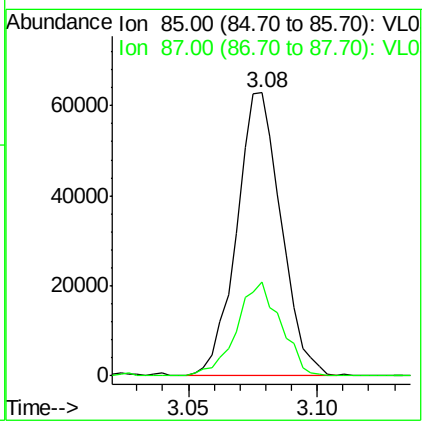


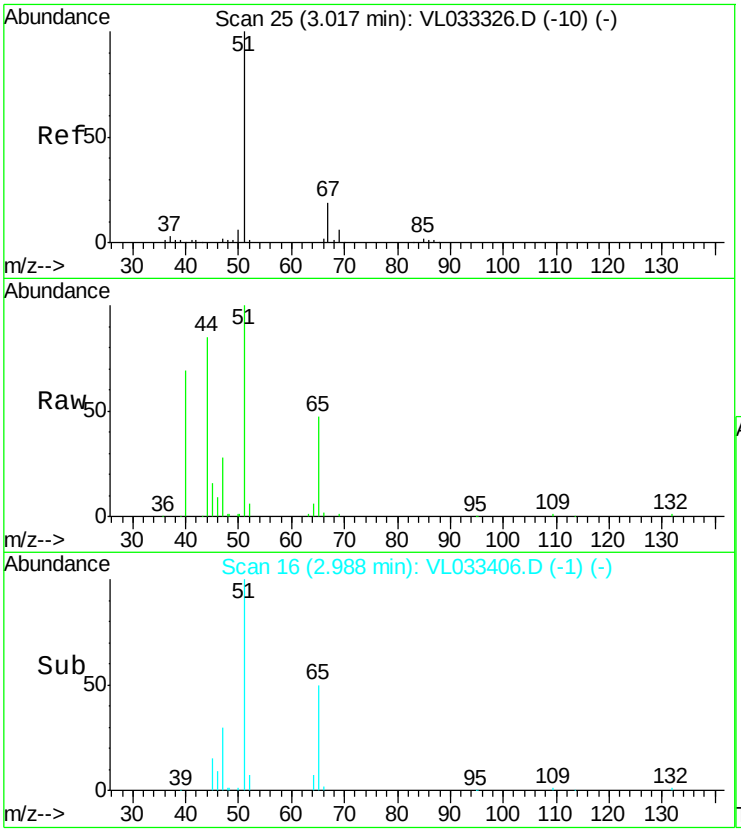


#2
Dichlorodifluoromethane
Concen: 0.347 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 85 Resp: 75869

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.9	40.3



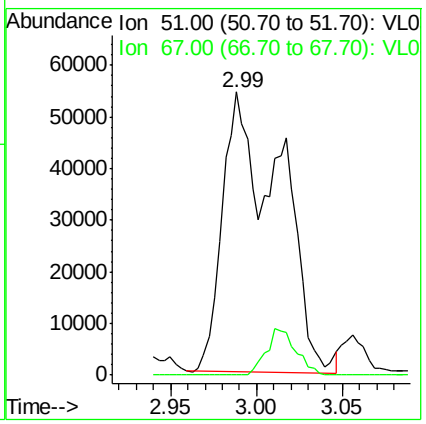


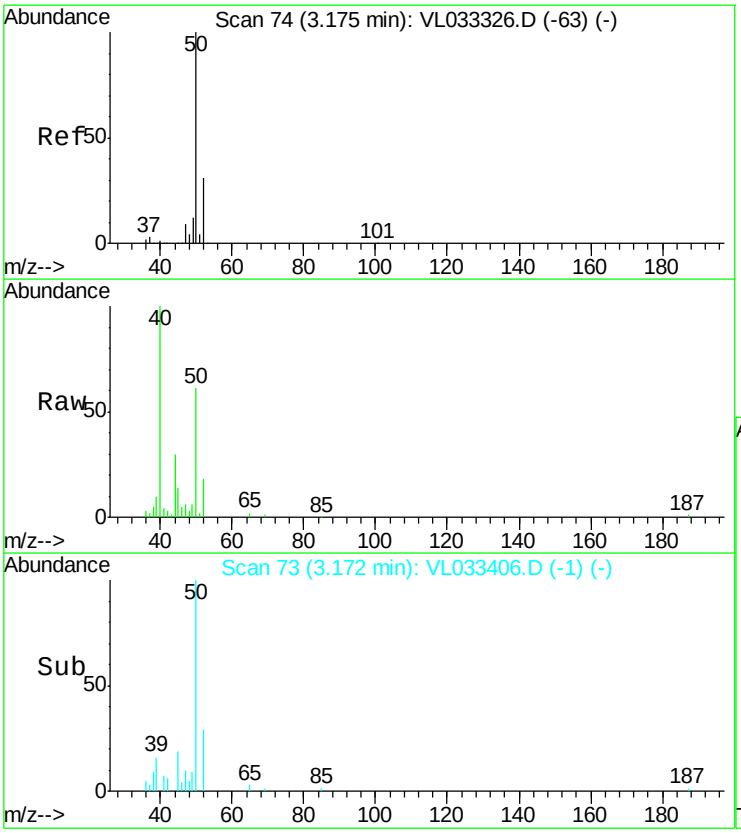
#3
Chlorodifluoromethane
Concen: 0.876 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 51 Resp: 125055

Ion	Ratio	Lower	Upper
51	100		
67	8.6	14.9	22.3#

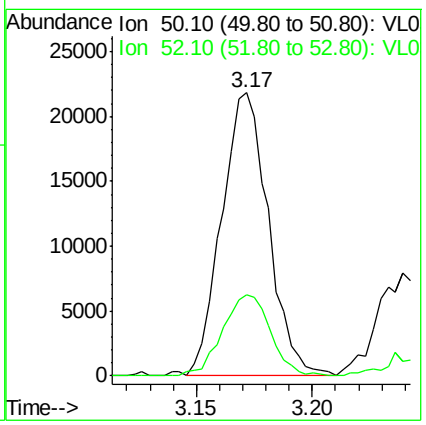


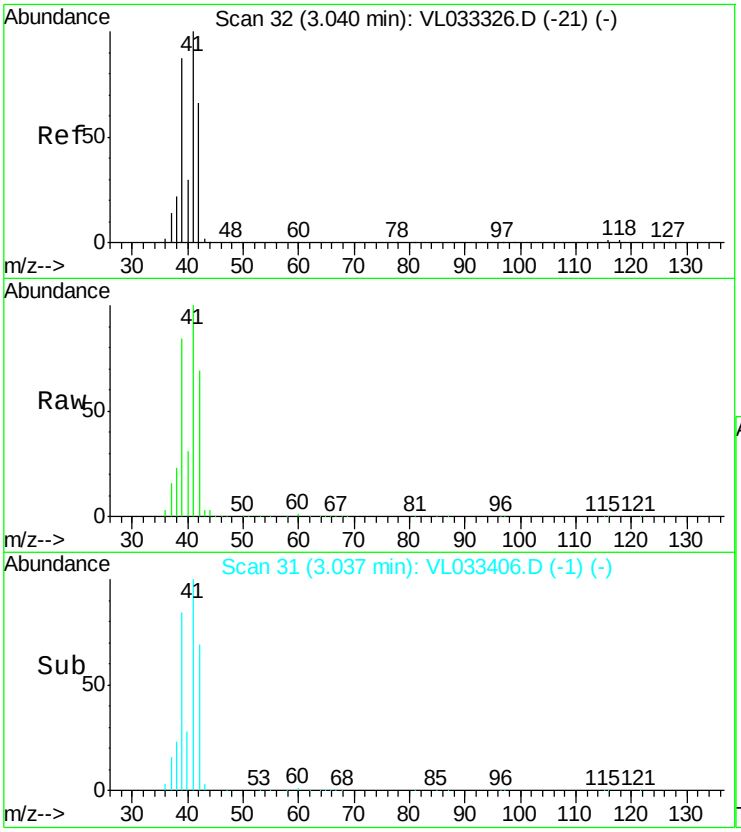


#4
Chloromethane
Concen: 0.395 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 50 Resp: 30509

Ion	Ratio	Lower	Upper
50	100		
52	28.7	25.0	37.6



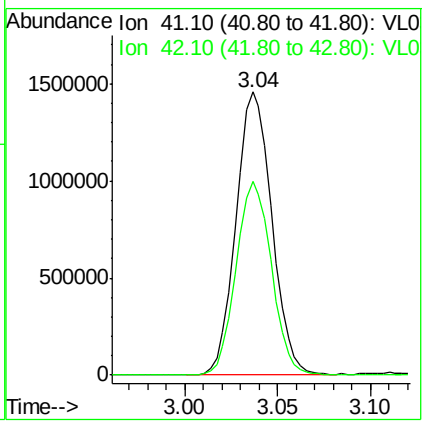


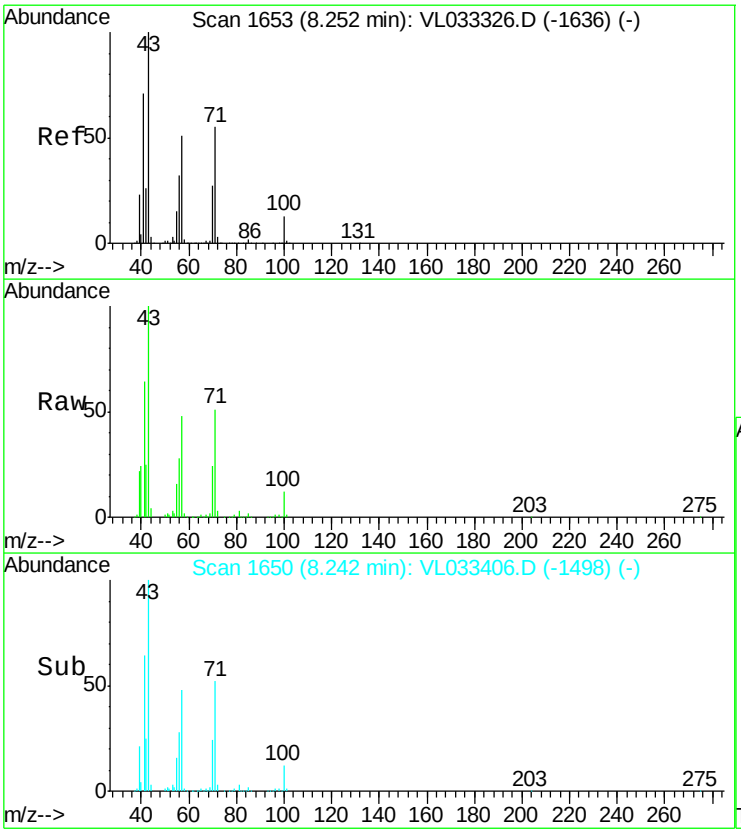
#9
Propene
Concen: 30.738 ppbv
RT: 3.04 min Scan# 31
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 41 Resp: 1958437

Ion	Ratio	Lower	Upper
41	100		
42	67.7	55.2	82.8

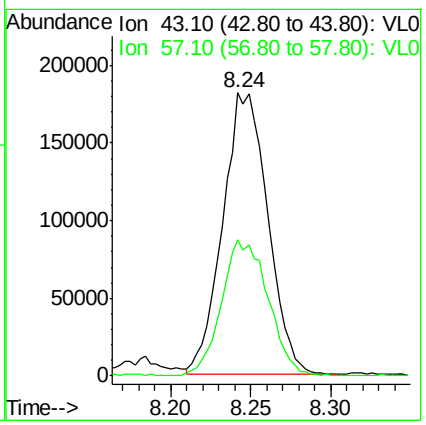


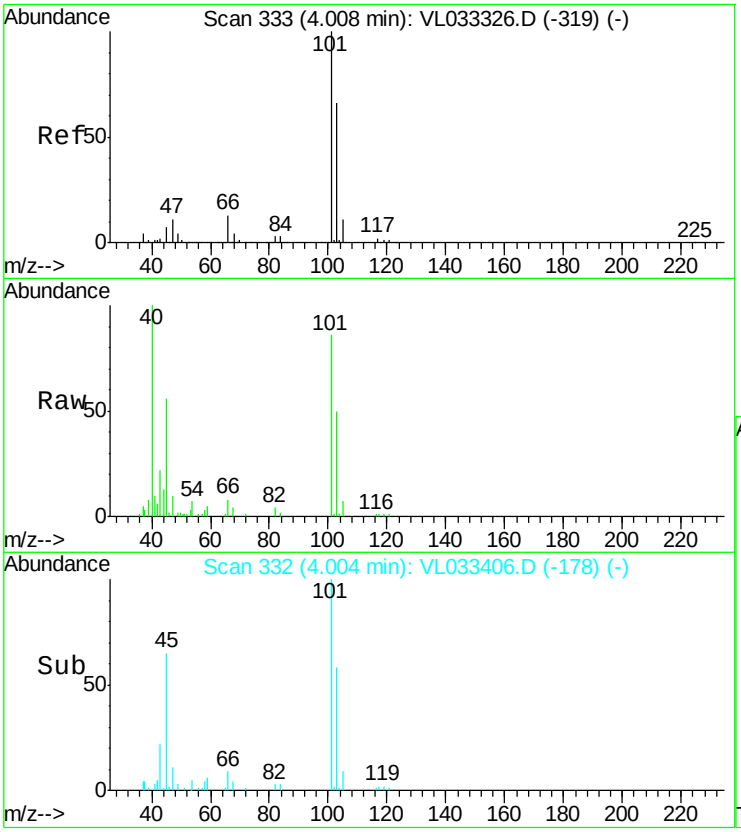


#10
Heptane
Concen: 2.211 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 43 Resp: 349477

Ion	Ratio	Lower	Upper
43	100		
57	49.1	40.4	60.6



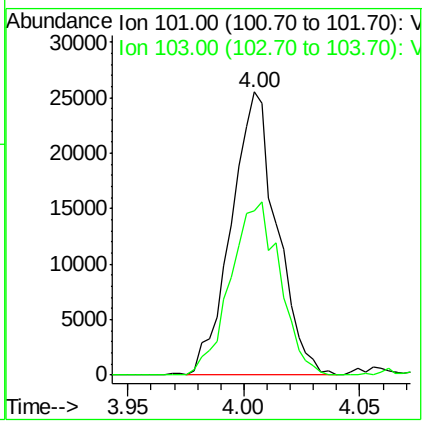


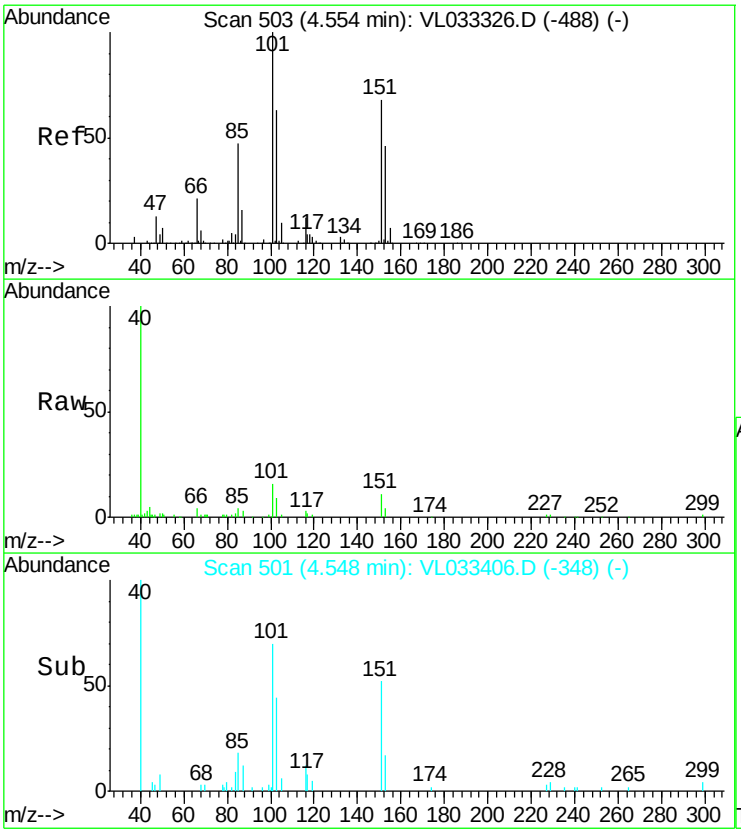
#11
Trichlorofluoromethane
Concen: 0.161 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion:101 Resp: 34994

Ion	Ratio	Lower	Upper
101	100		
103	58.0	52.9	79.3

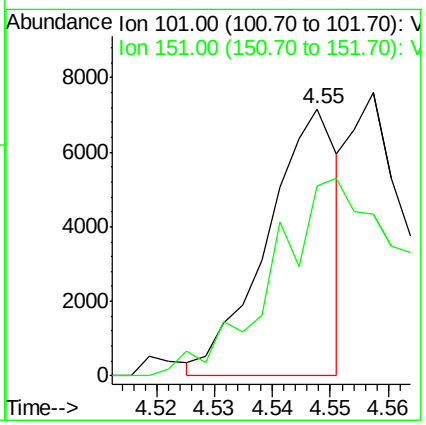


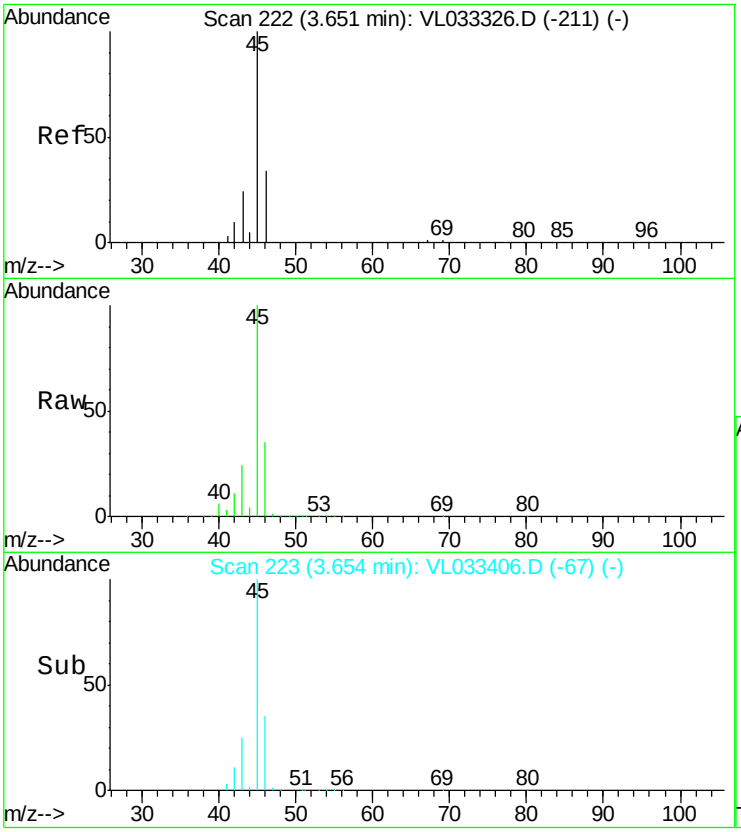


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.042 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:101 Resp: 6081

Ion	Ratio	Lower	Upper
101	100		
151	140.4	56.3	84.5#



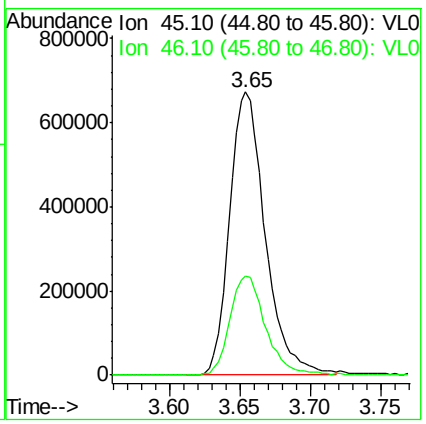


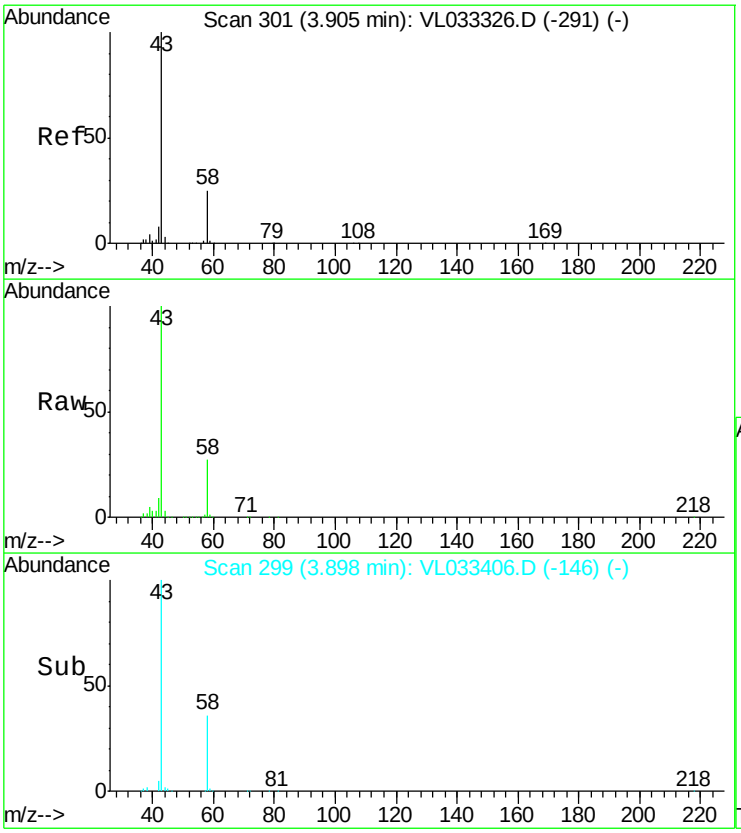
#13
Ethanol
Concen: 39.263 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 45 Resp: 1192557

Ion	Ratio	Lower	Upper
45	100		
46	35.5	14.9	59.7

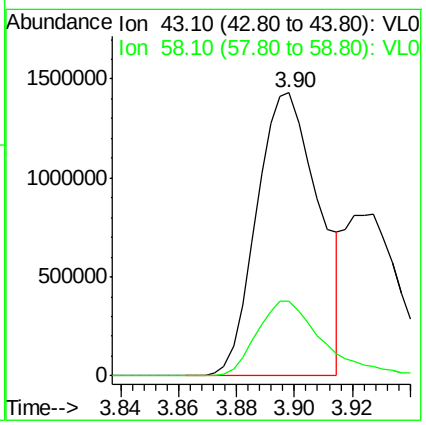


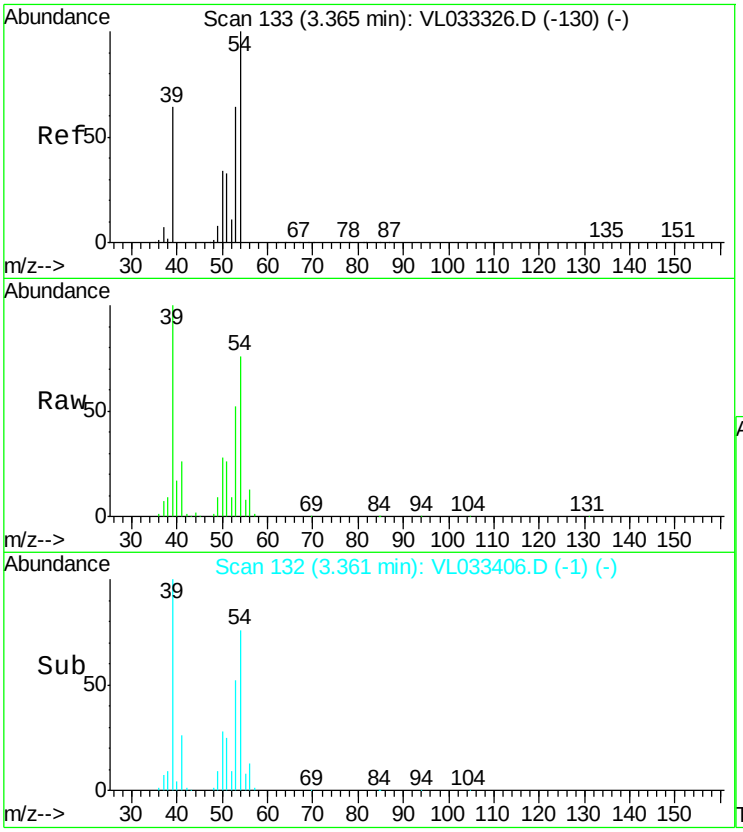


#15
Acetone
Concen: 11.080 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 43 Resp: 2141780

Ion	Ratio	Lower	Upper
43	100		
58	28.2	20.4	30.6



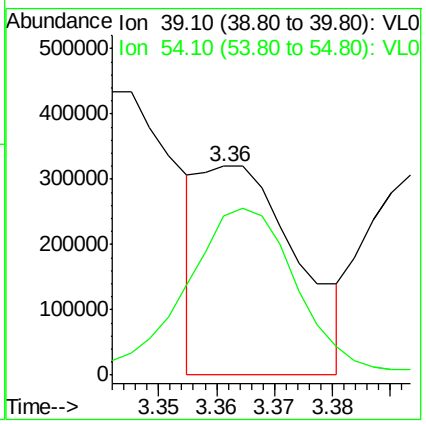


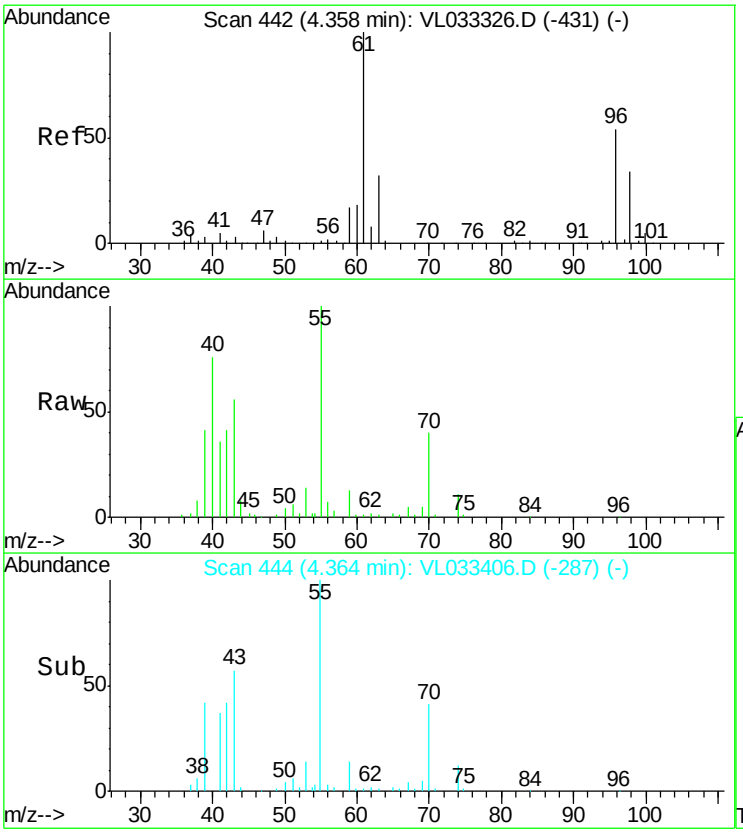
#16
1,3-Butadiene
Concen: 5.864 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 39 Resp: 368188

Ion	Ratio	Lower	Upper
39	100		
54	97.0	76.8	115.2

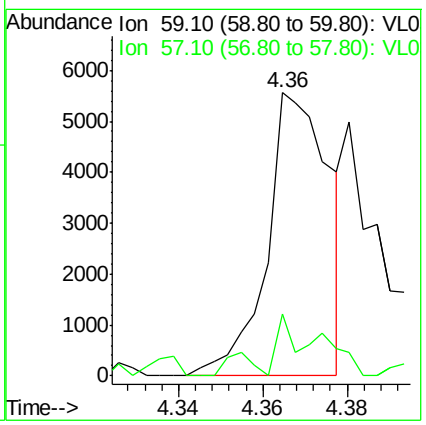


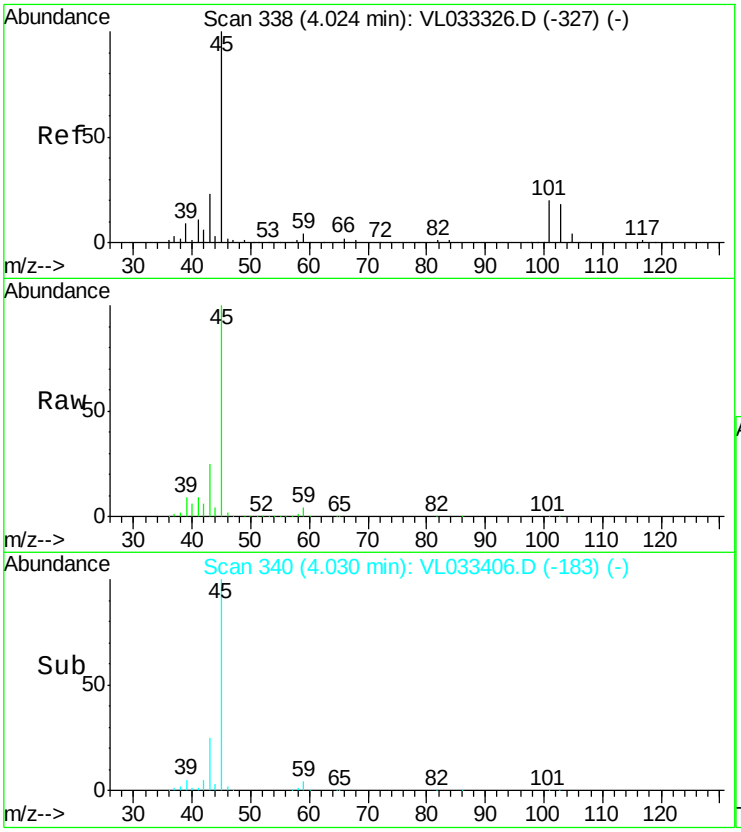


#17
tert-Butyl alcohol
Concen: 0.209 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 59 Resp: 5672

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



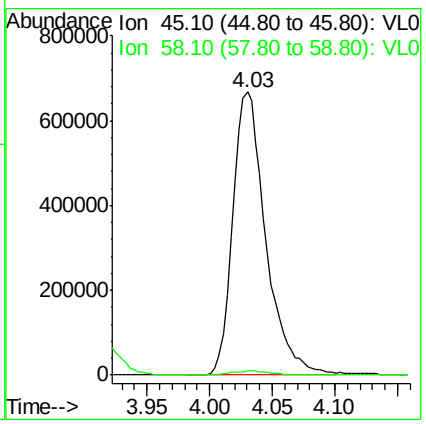


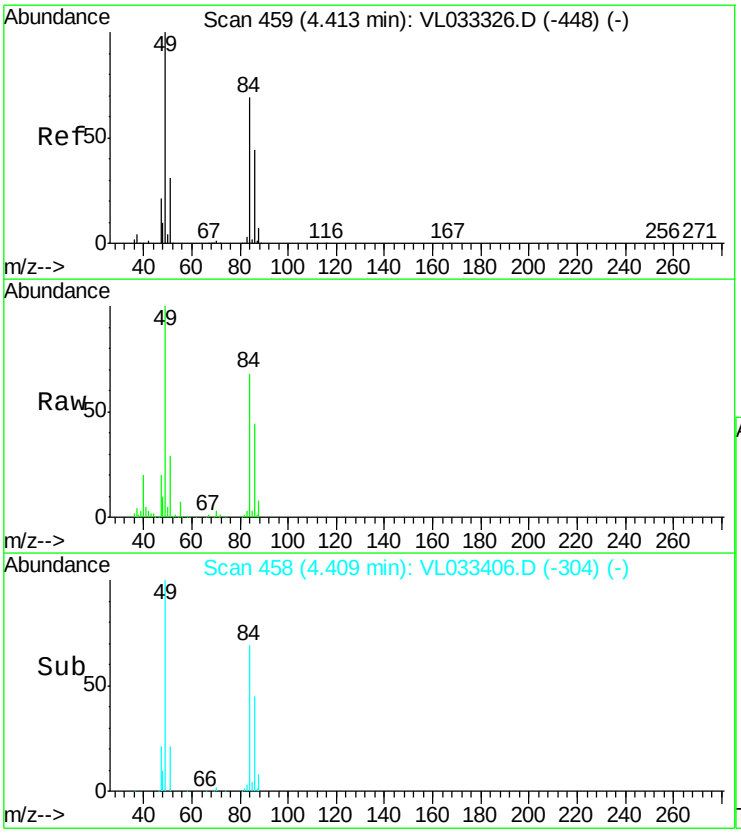
#19
Isopropyl Alcohol
Concen: 13.205 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 45 Resp: 1214153

Ion	Ratio	Lower	Upper
45	100		
58	1.8	1.5	2.3

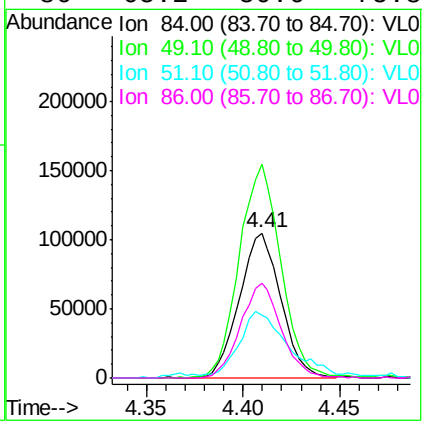


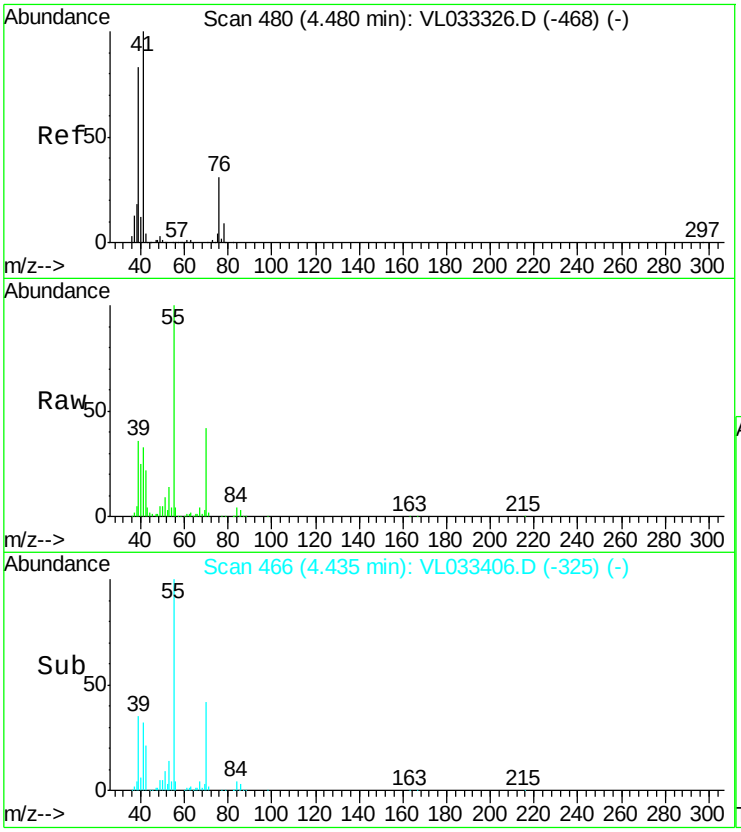


#20
Methylene Chloride
Concen: 2.488 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 84 Resp: 156877

Ion	Ratio	Lower	Upper
84	100		
49	147.2	115.4	173.0
51	41.5	35.8	53.6
86	65.2	50.6	75.8



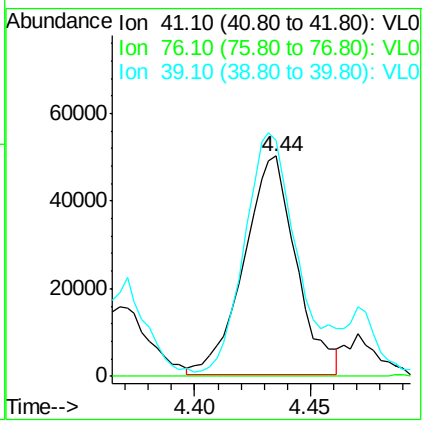


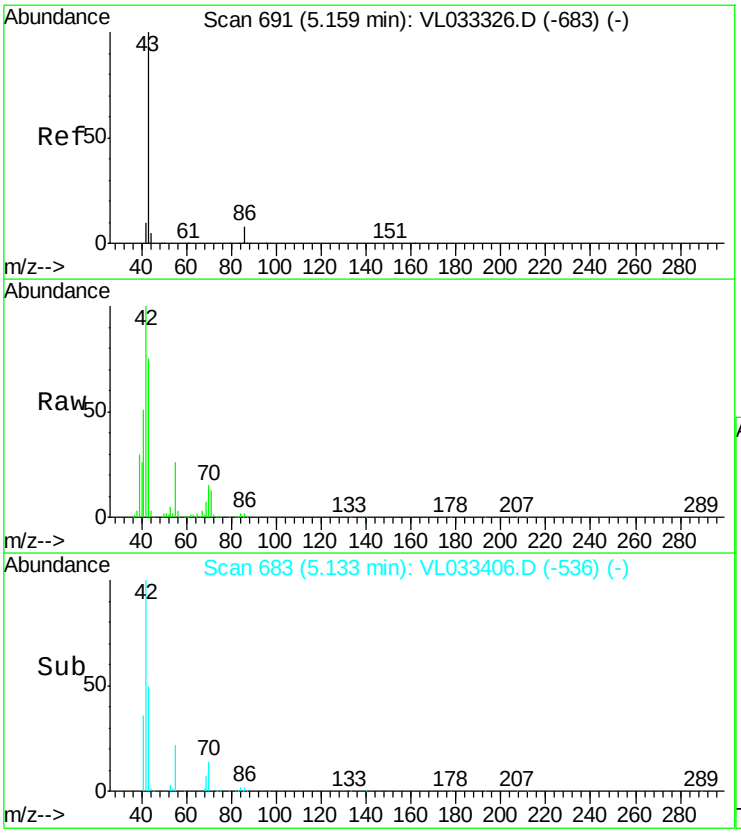
#21
Allyl Chloride
Concen: 0.834 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 41 Resp: 78176

Ion	Ratio	Lower	Upper
41	100		
76	0.2	25.0	37.4#
39	133.3	65.9	98.9#

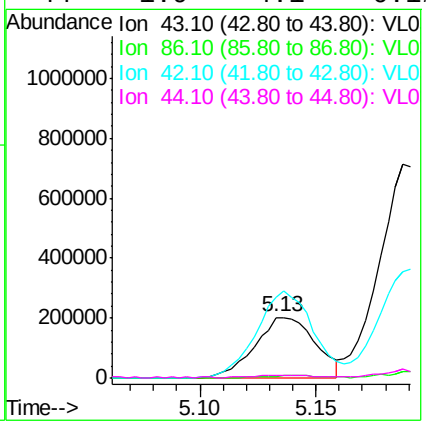


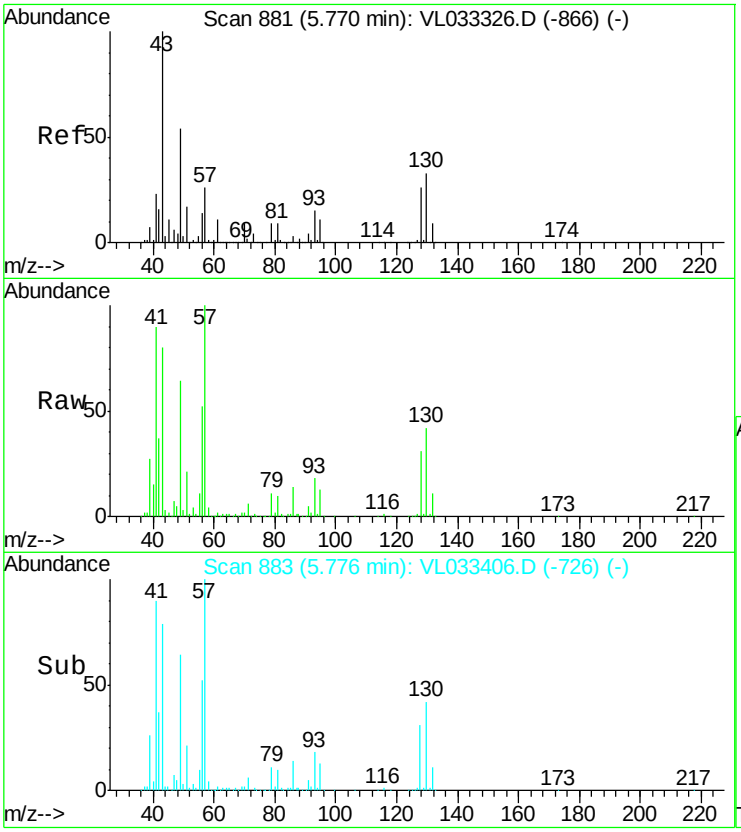


#23
Vinyl Acetate
Concen: 1.624 ppbv
RT: 5.13 min Scan# 683
Delta R.T. -0.03 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 43 Resp: 363215

Ion	Ratio	Lower	Upper
43	100		
86	3.2	6.2	9.2#
42	134.2	8.1	12.1#
44	1.9	4.1	6.1#



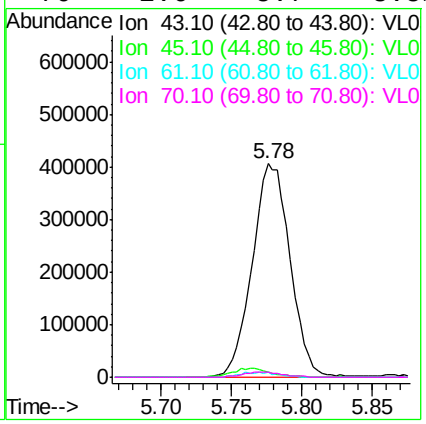


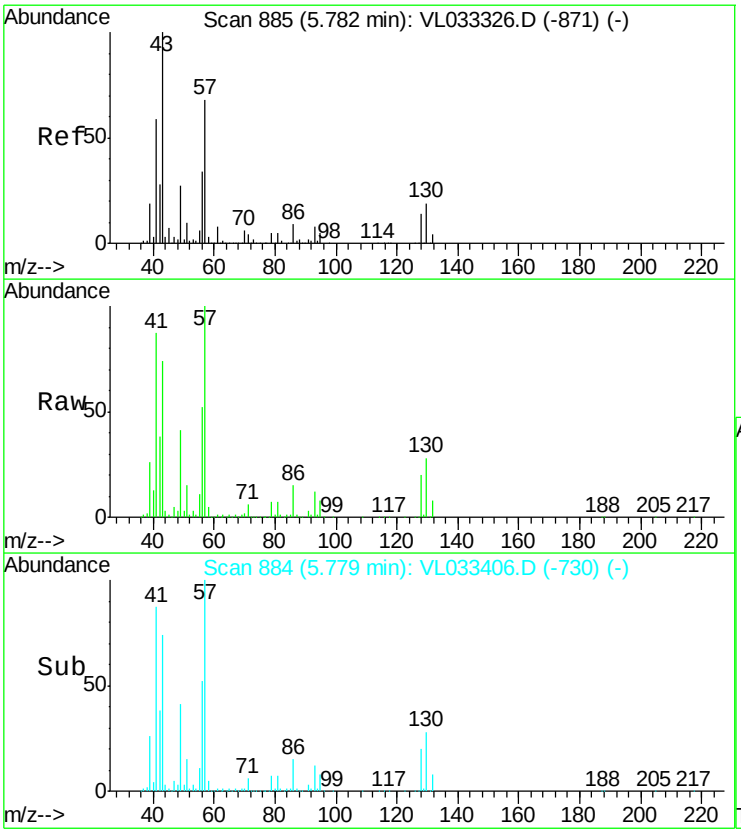
#25
Ethyl Acetate
Concen: 2.708 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 761024

Ion	Ratio	Lower	Upper
43	100		
45	4.5	7.9	11.9#
61	2.5	7.4	11.2#
70	2.6	5.7	8.5#

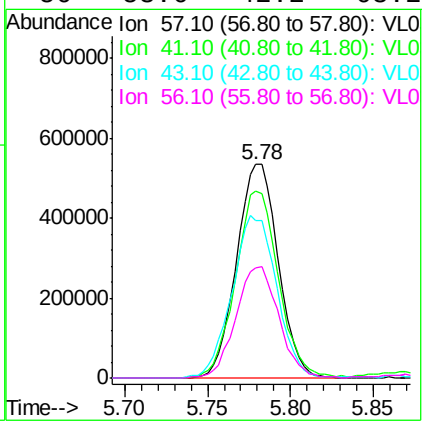


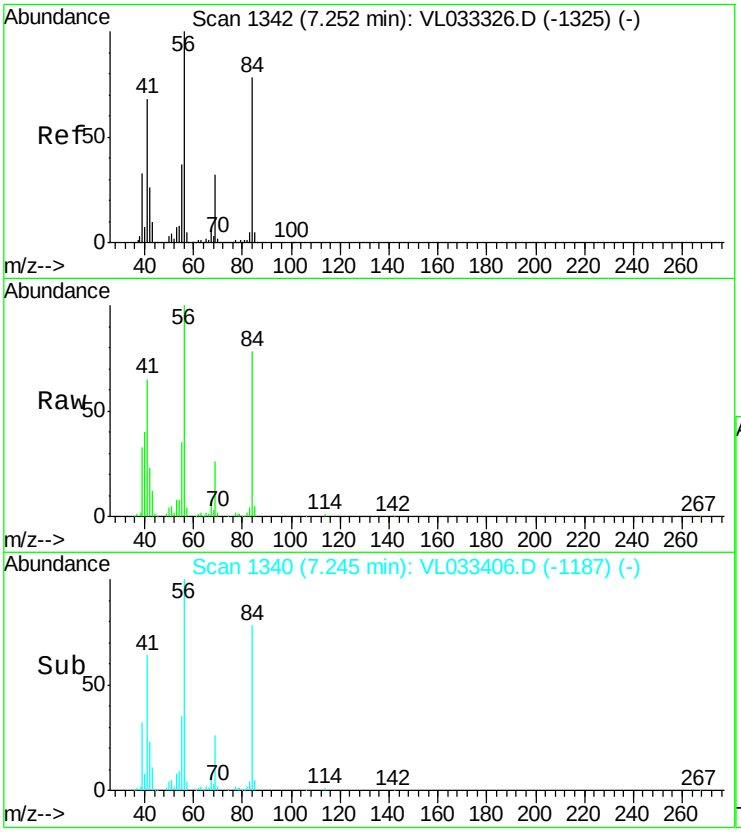


#26
Hexane
Concen: 7.440 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 57 Resp: 934639

Ion	Ratio	Lower	Upper
57	100		
41	90.2	70.5	105.7
43	81.7	181.8	272.8#
56	53.6	42.2	63.2



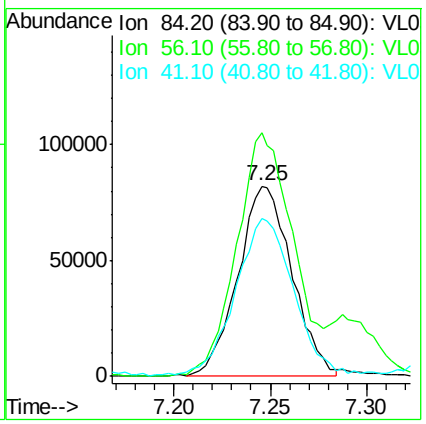


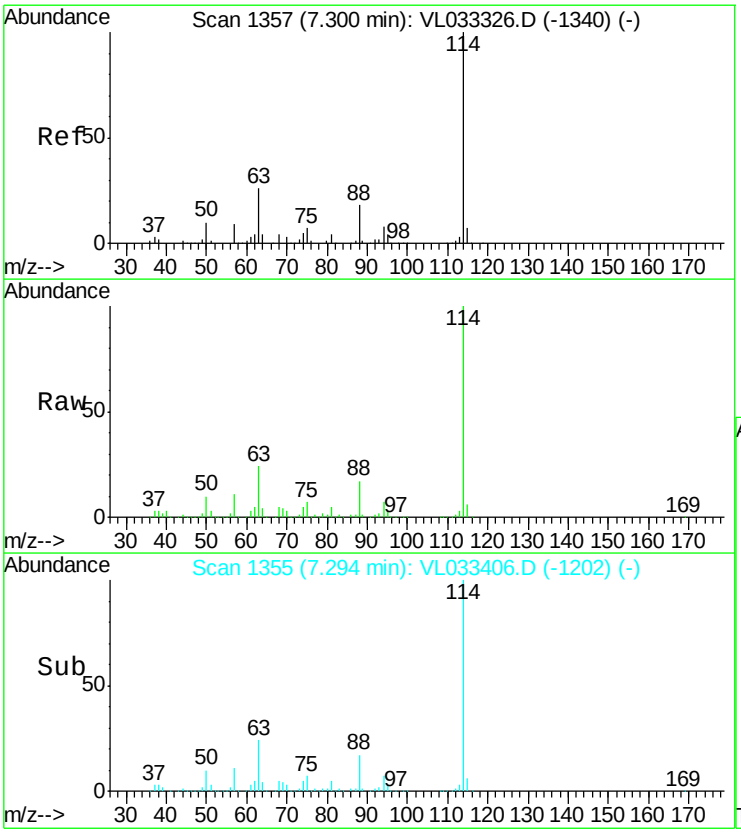
#30
Cyclohexane
Concen: 1.580 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 84 Resp: 159142

Ion	Ratio	Lower	Upper
84	100		
56	159.5	111.3	166.9
41	88.8	69.6	104.4

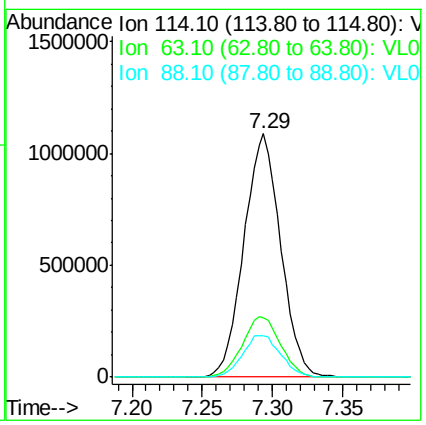


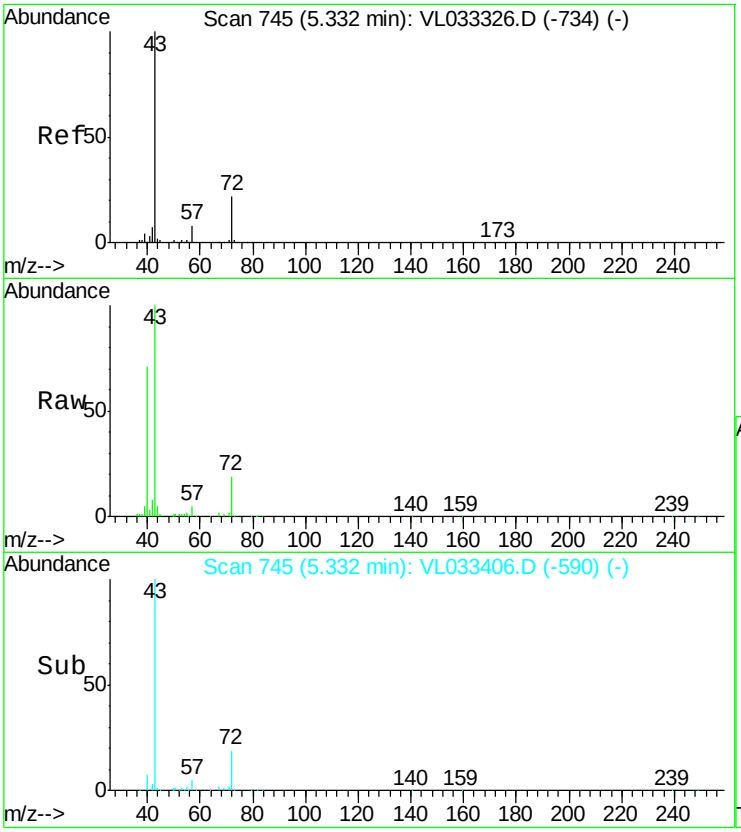


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:114 Resp: 1980167

Ion	Ratio	Lower	Upper
114	100		
63	26.0	21.4	32.2
88	17.9	14.5	21.7



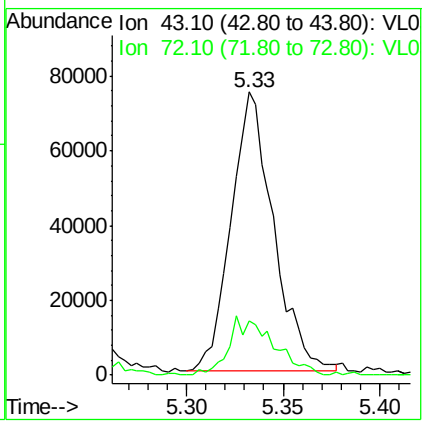


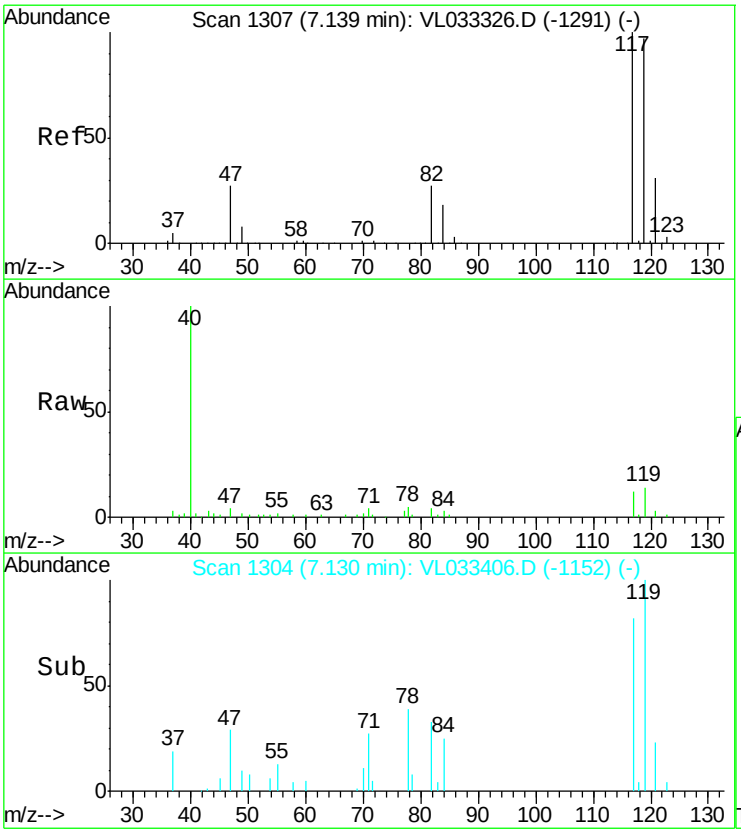
#34
2-Butanone
Concen: 0.874 ppbv
RT: 5.33 min Scan# 745
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 113619

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.7	26.5

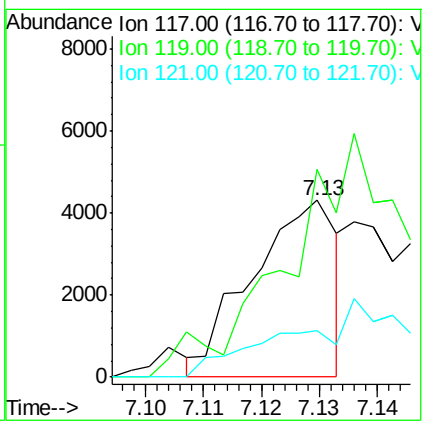


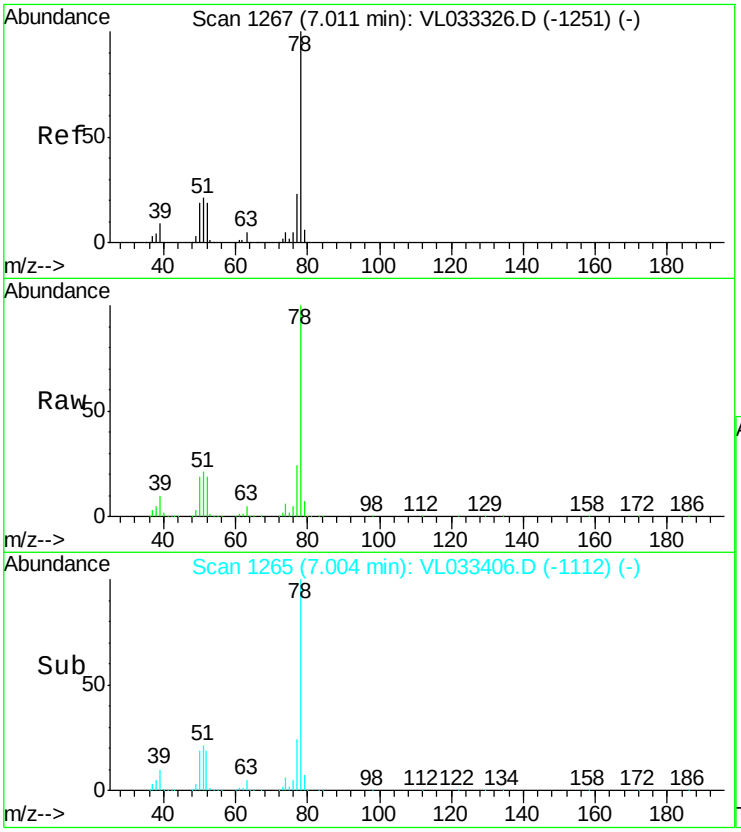


#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:117 Resp: 4360

Ion	Ratio	Lower	Upper
117	100		
119	103.6	77.4	116.0
121	30.0	24.9	37.3



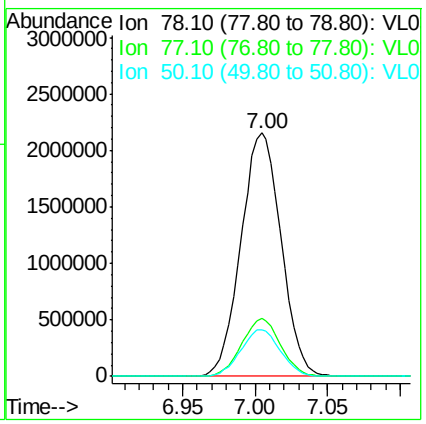


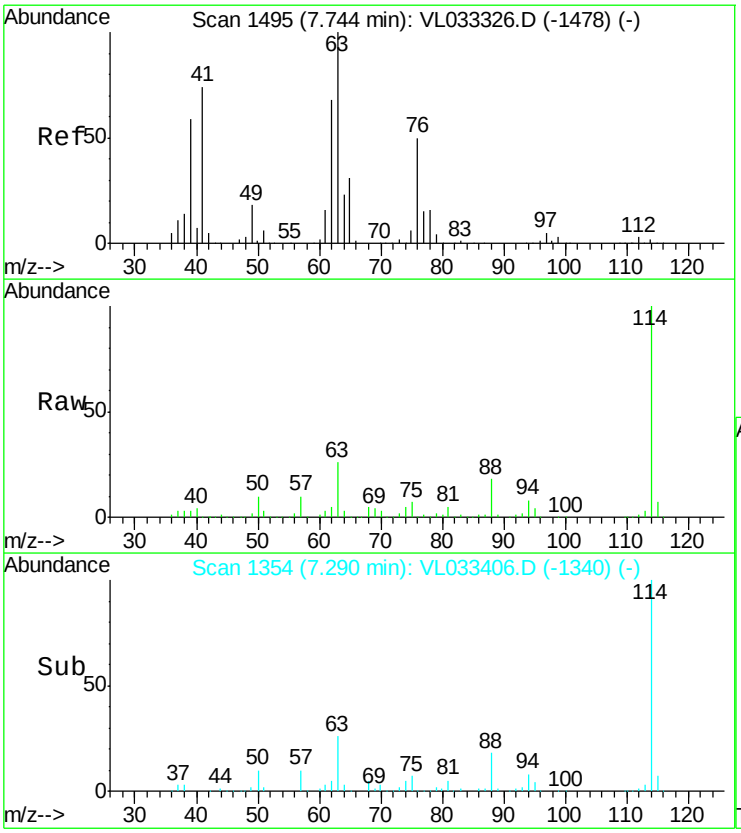
#36
Benzene
Concen: 23.364 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 78 Resp: 4140477

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.1	27.1
50	19.1	15.2	22.8

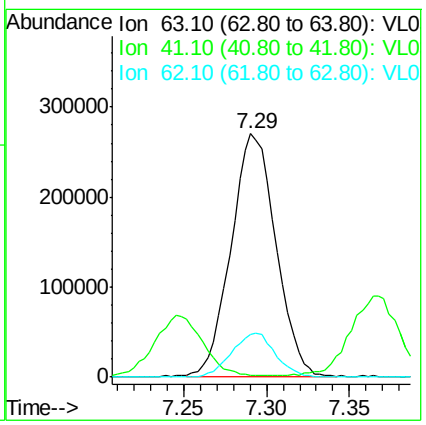


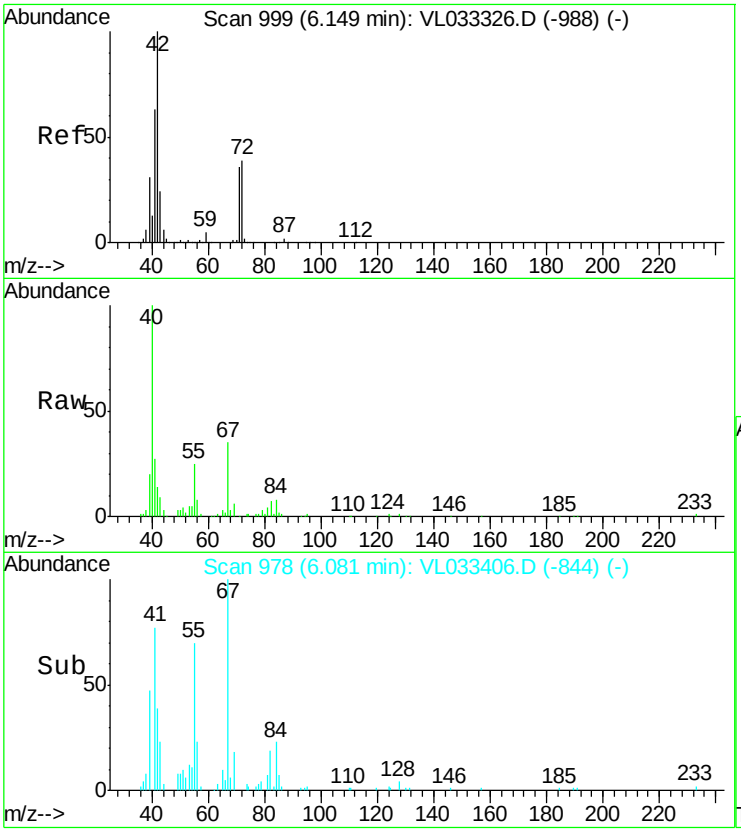


#39
1,2-Dichloropropane
Concen: 7.597 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 63 Resp: 504148

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	17.5	54.7	82.1#



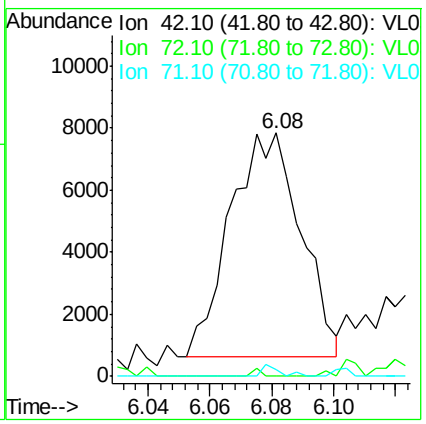


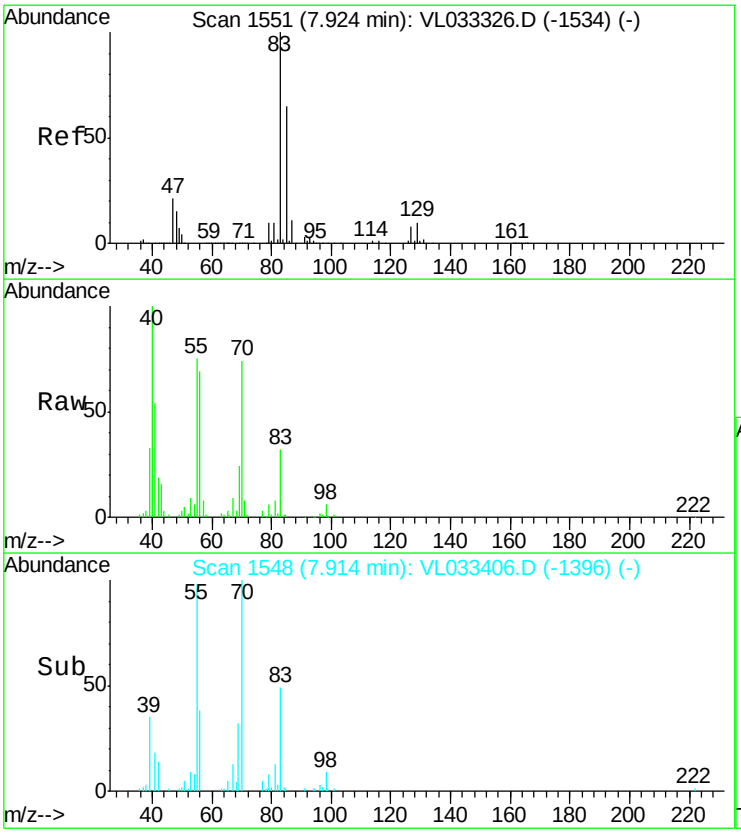
#41
Tetrahydrofuran
Concen: 0.165 ppbv
RT: 6.08 min Scan# 978
Delta R.T. -0.07 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 42 Resp: 11440

Ion	Ratio	Lower	Upper
42	100		
72	4.6	31.6	47.4#
71	0.0	29.9	44.9#

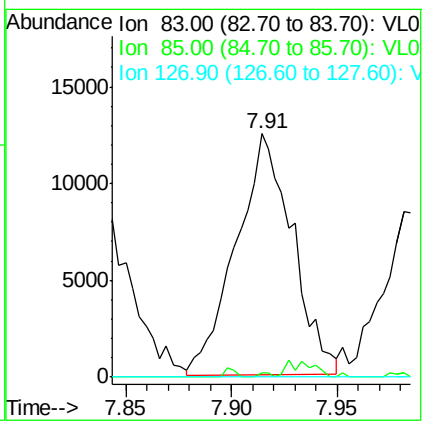


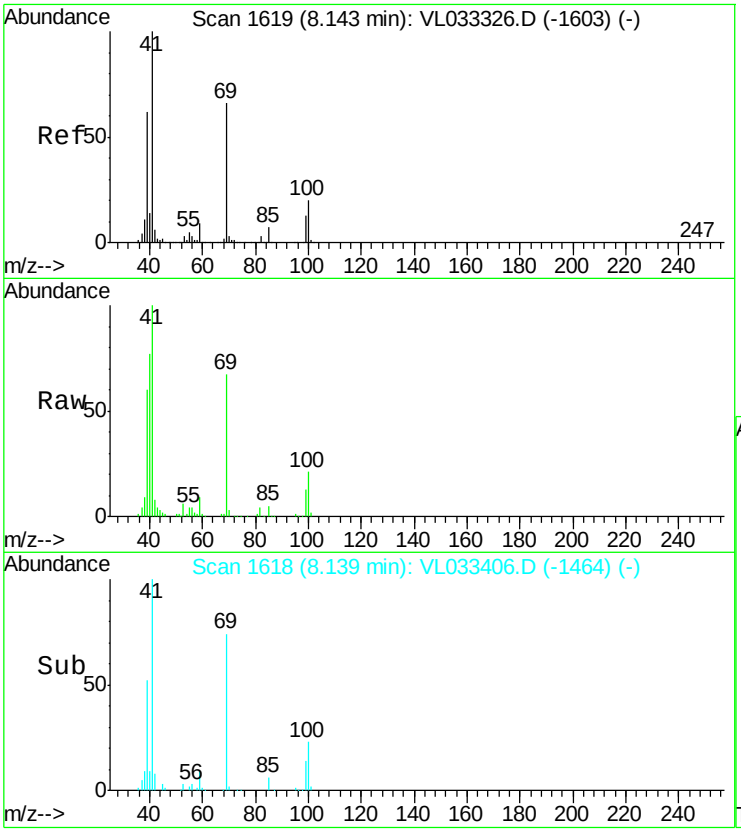


#42
Bromodichloromethane
Concen: 0.154 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 83 Resp: 23072

Ion	Ratio	Lower	Upper
83	100		
85	2.0	51.8	77.6#
127	0.0	6.2	9.2#



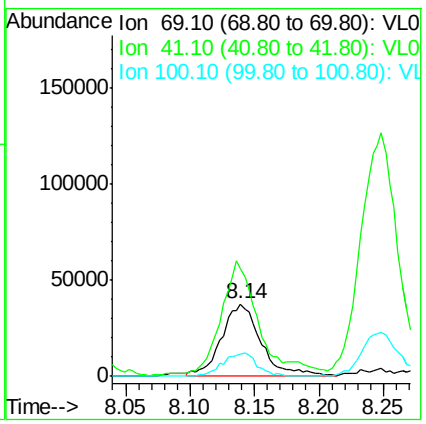


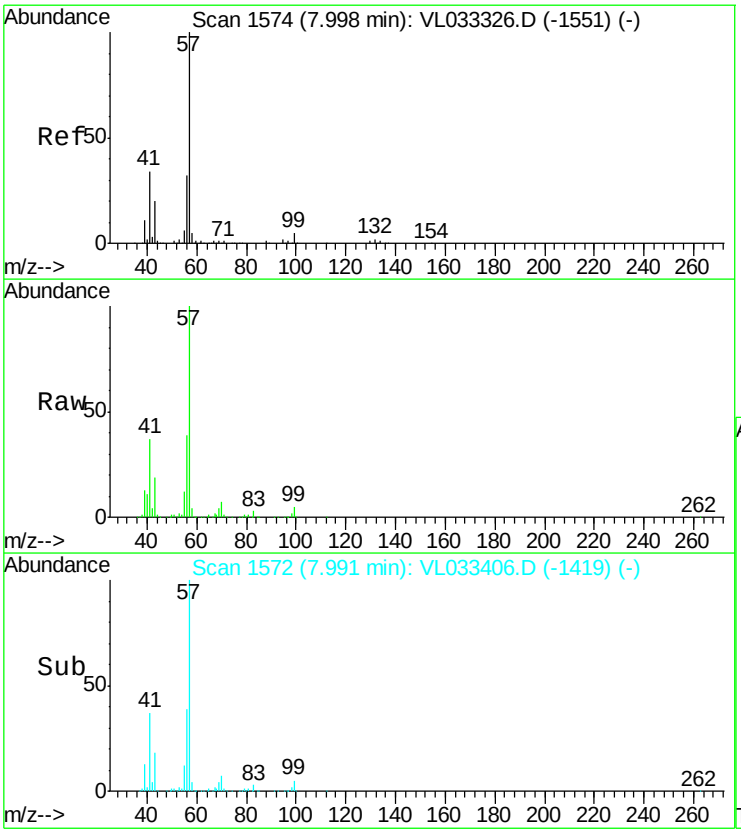
#43
Methyl Methacrylate
Concen: 1.174 ppbv
RT: 8.14 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 69 Resp: 81033

Ion	Ratio	Lower	Upper
69	100		
41	154.2	119.5	179.3
100	27.8	24.4	36.6

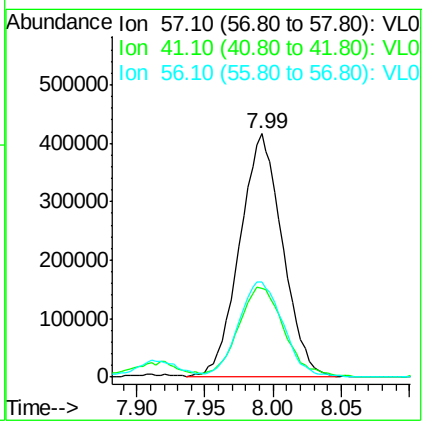


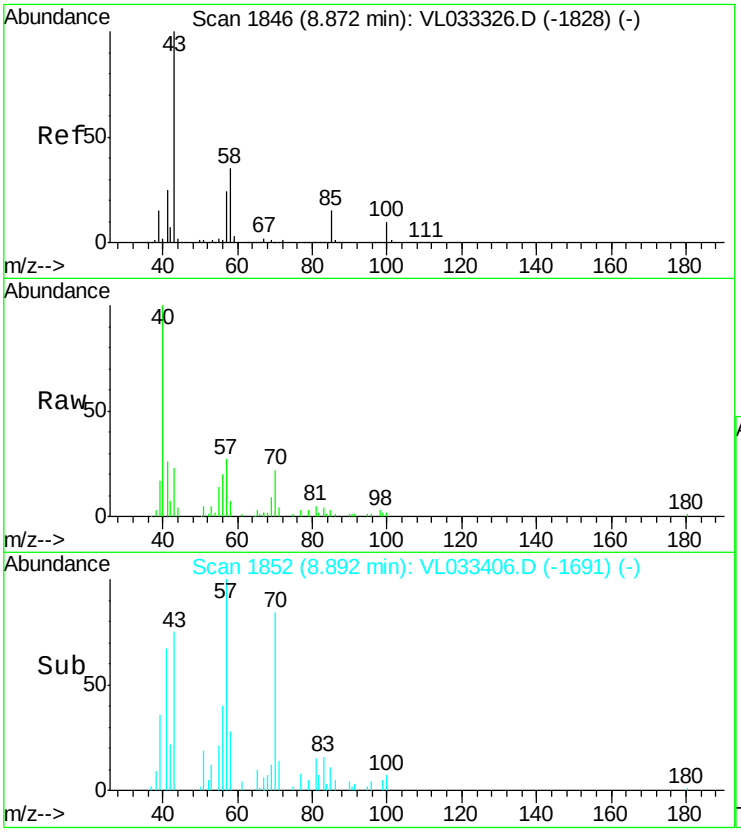


#44
2,2,4-Trimethylpentane
Concen: 3.055 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 57 Resp: 896814

Ion	Ratio	Lower	Upper
57	100		
41	40.5	26.0	39.0#
56	41.6	24.6	36.8#



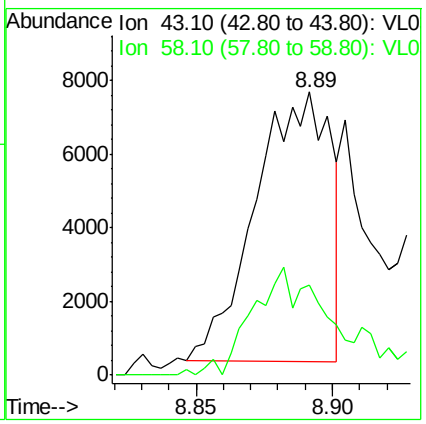


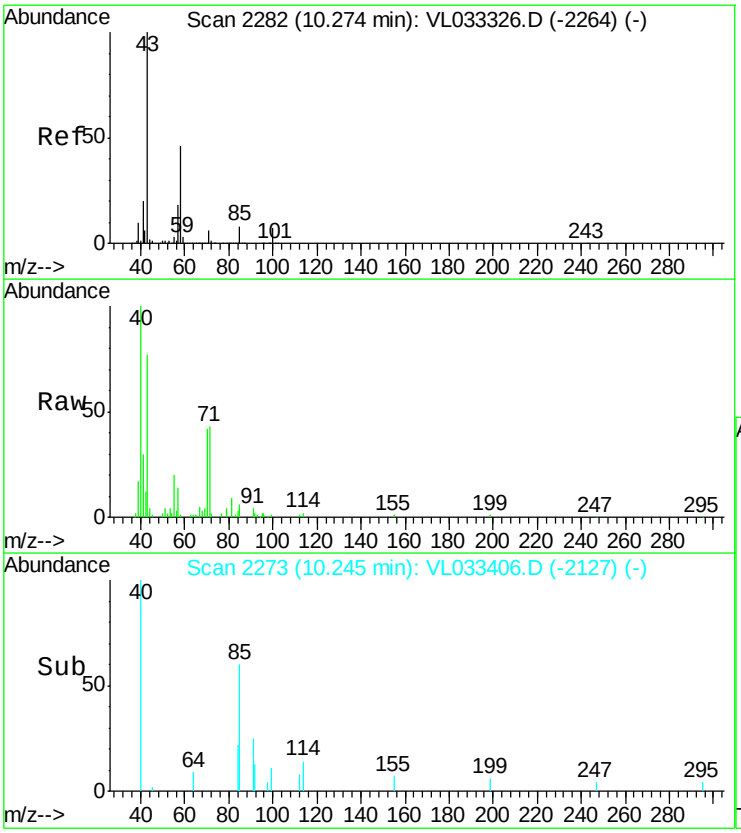
#50
4-Methyl-2-Pentanone
Concen: 0.076 ppbv
RT: 8.89 min Scan# 1852
Delta R.T. 0.02 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 13948

Ion	Ratio	Lower	Upper
43	100		
58	51.7	28.4	42.6#

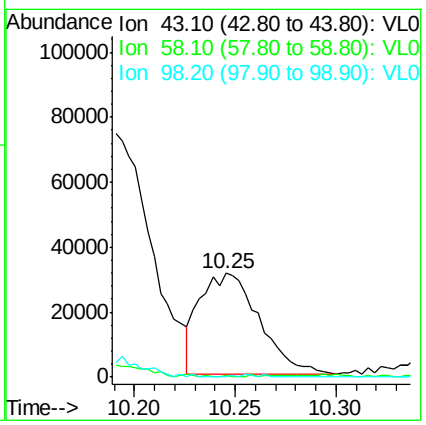


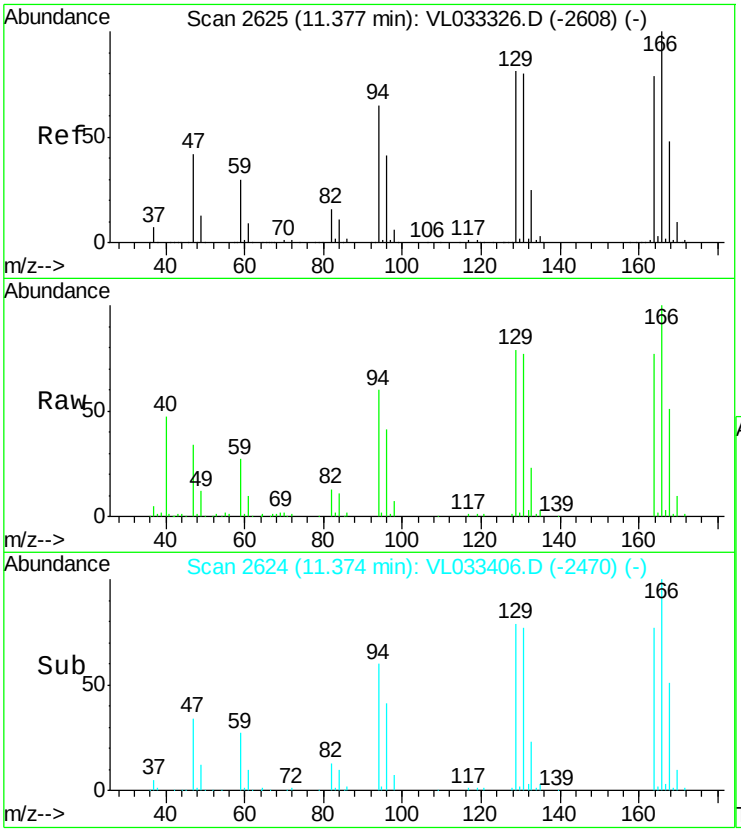


#51
2-Hexanone
Concen: 0.451 ppbv
RT: 10.25 min Scan# 2273
Delta R.T. -0.03 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 43 Resp: 63949

Ion	Ratio	Lower	Upper
43	100		
58	2.0	38.0	57.0#
98	0.0	0.1	0.1#



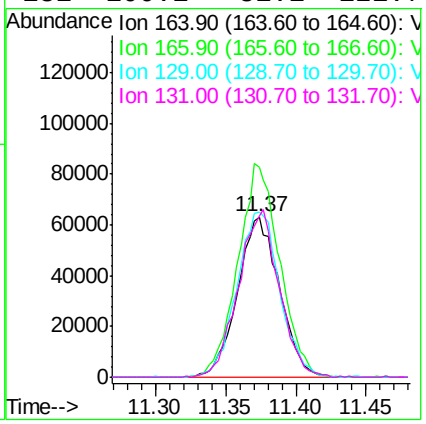


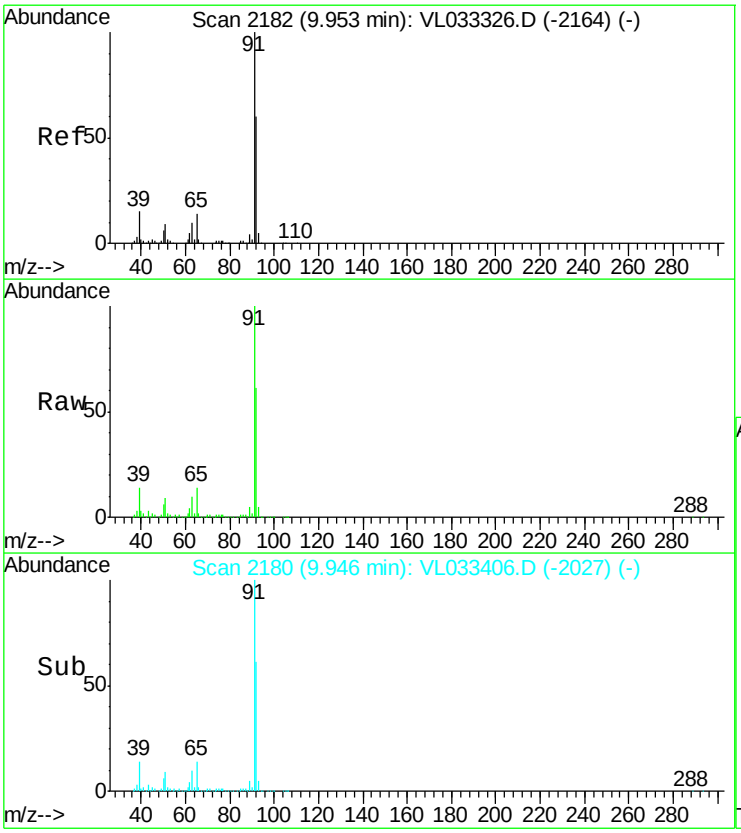
#52
Tetrachloroethene
Concen: 1.777 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion:164 Resp: 131188

Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.5	152.3
129	102.8	82.2	123.2
131	100.1	81.1	121.7

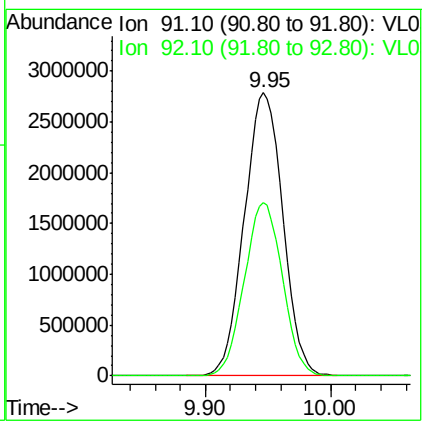


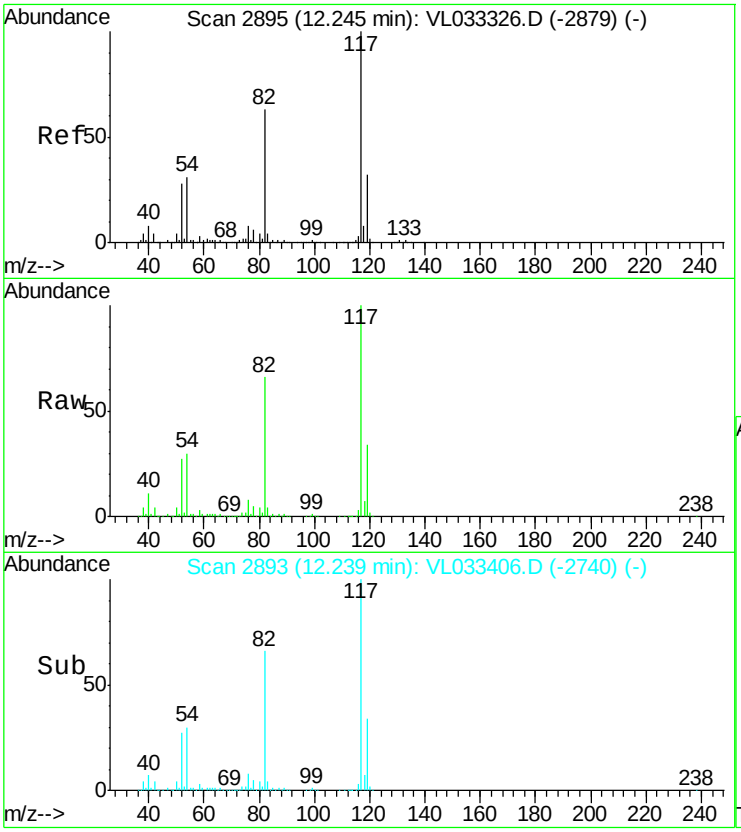


#53
Toluene
Concen: 29.594 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 91 Resp: 5959313

Ion	Ratio	Lower	Upper
91	100		
92	61.0	47.4	71.0



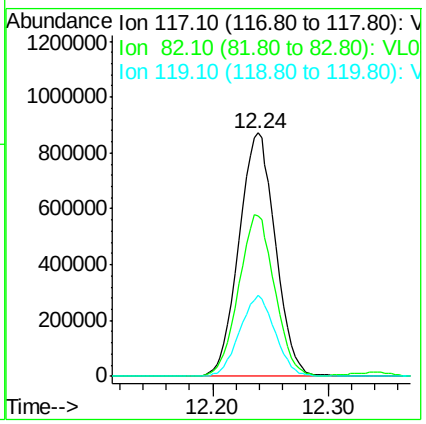


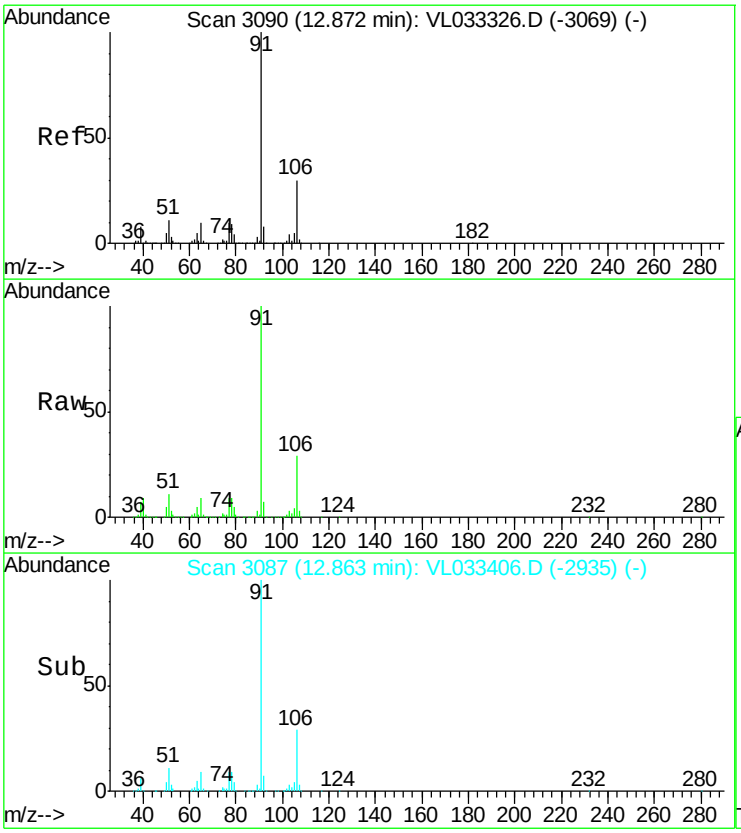
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:117 Resp: 1901954

Ion	Ratio	Lower	Upper
117	100		
82	65.5	53.4	80.2
119	32.5	27.3	40.9

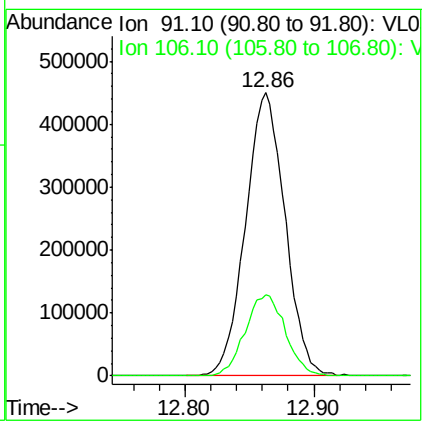


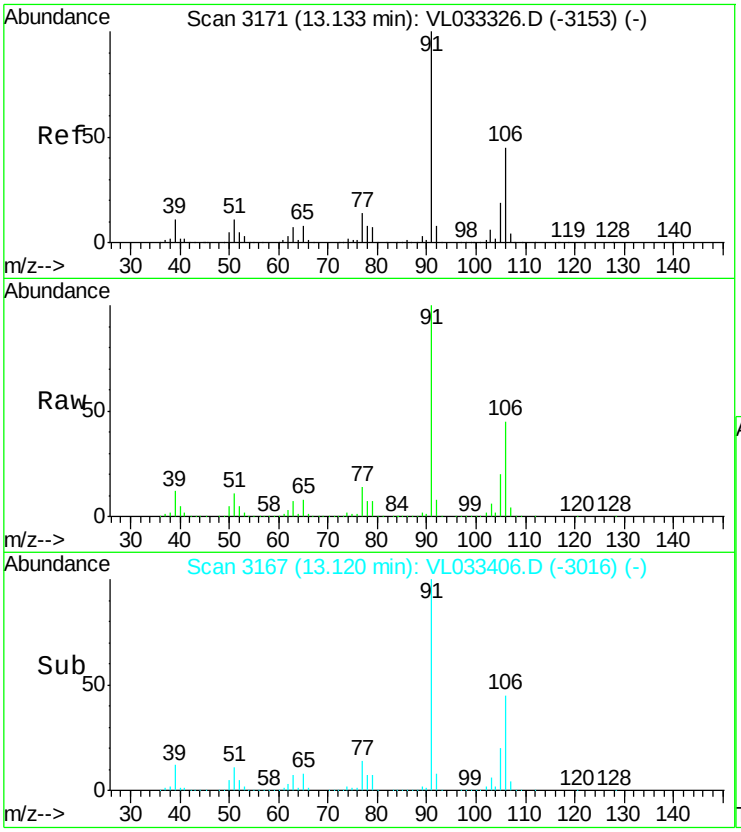


#58
Ethyl Benzene
Concen: 3.566 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 91 Resp: 959335

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.2	36.2



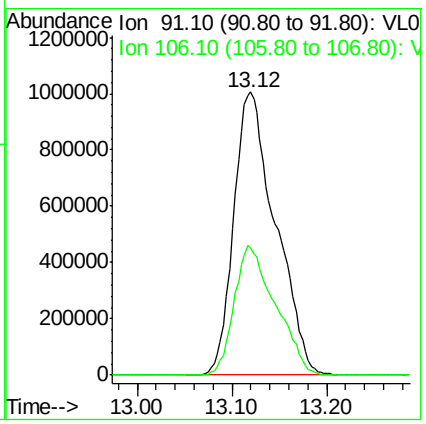


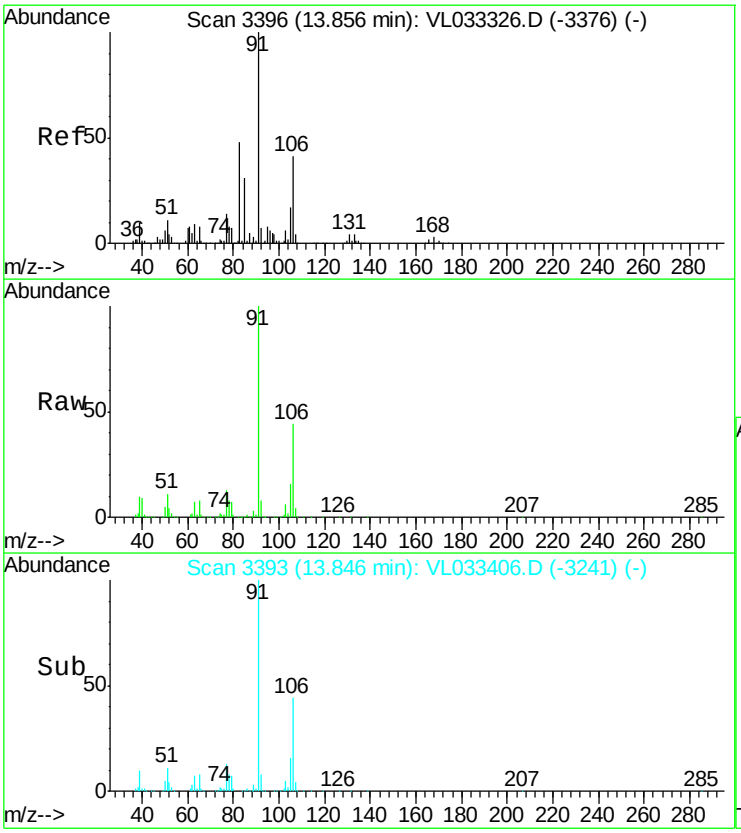
#59
m/p-Xylene
Concen: 13.303 ppbv
RT: 13.12 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 91 Resp: 3076055

Ion	Ratio	Lower	Upper
91	100		
106	45.2	0.0	0.0#

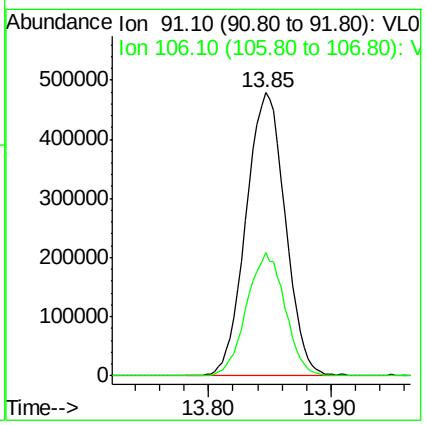


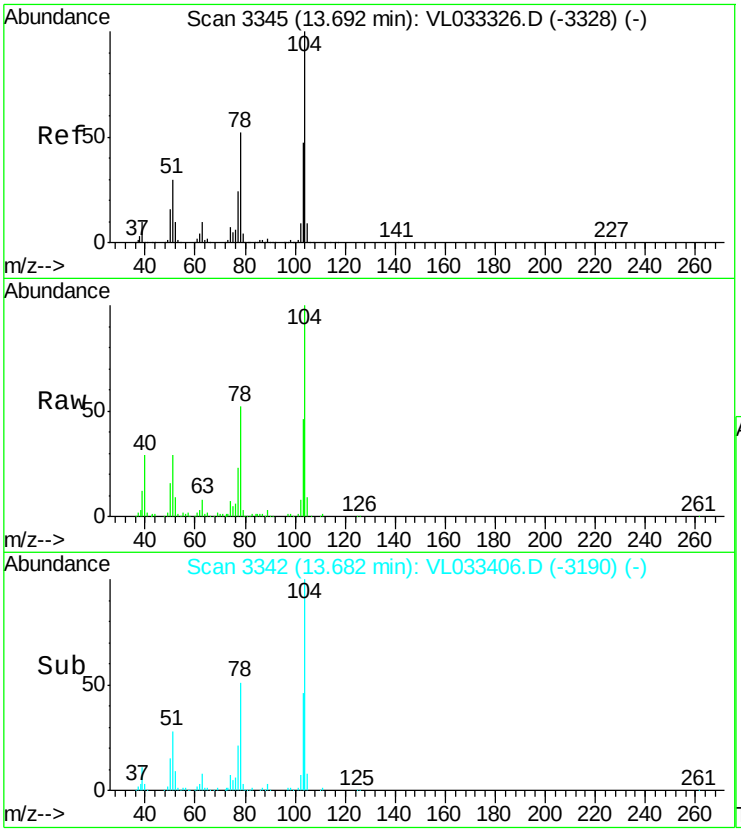


#60
o-Xylene
Concen: 4.706 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 91 Resp: 1061640

Ion	Ratio	Lower	Upper
91	100		
106	42.6	21.3	63.9



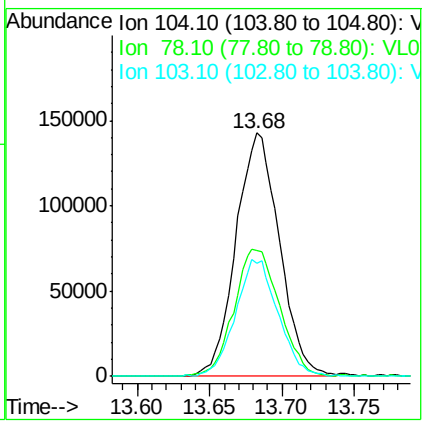


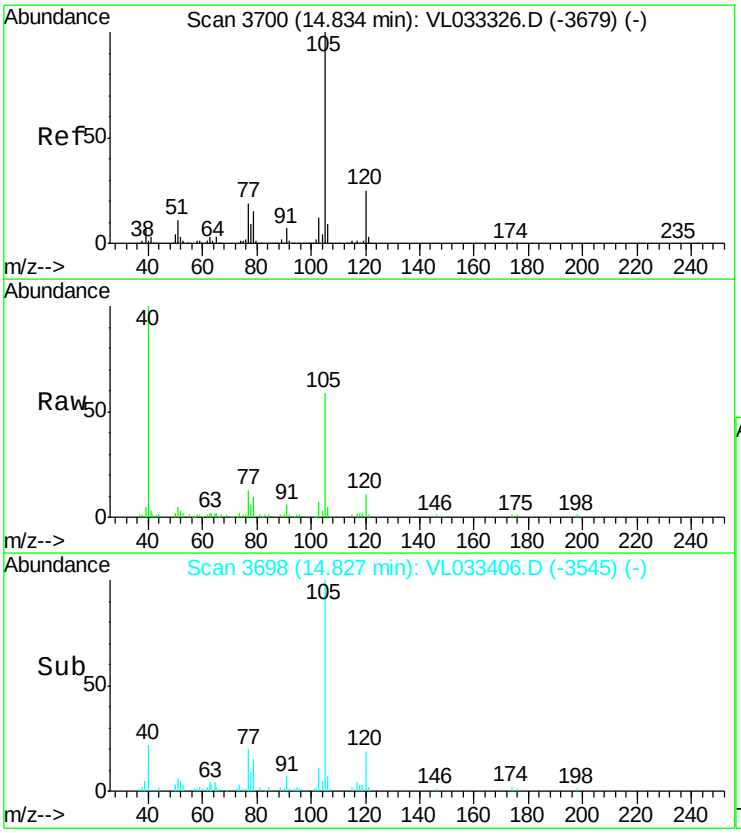
#61
Styrene
Concen: 1.883 ppbv
RT: 13.68 min Scan# 3342
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:104 Resp: 297325

Ion	Ratio	Lower	Upper
104	100		
78	55.2	42.7	64.1
103	47.2	38.0	57.0

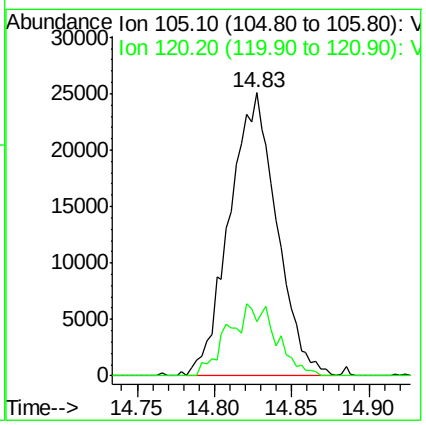


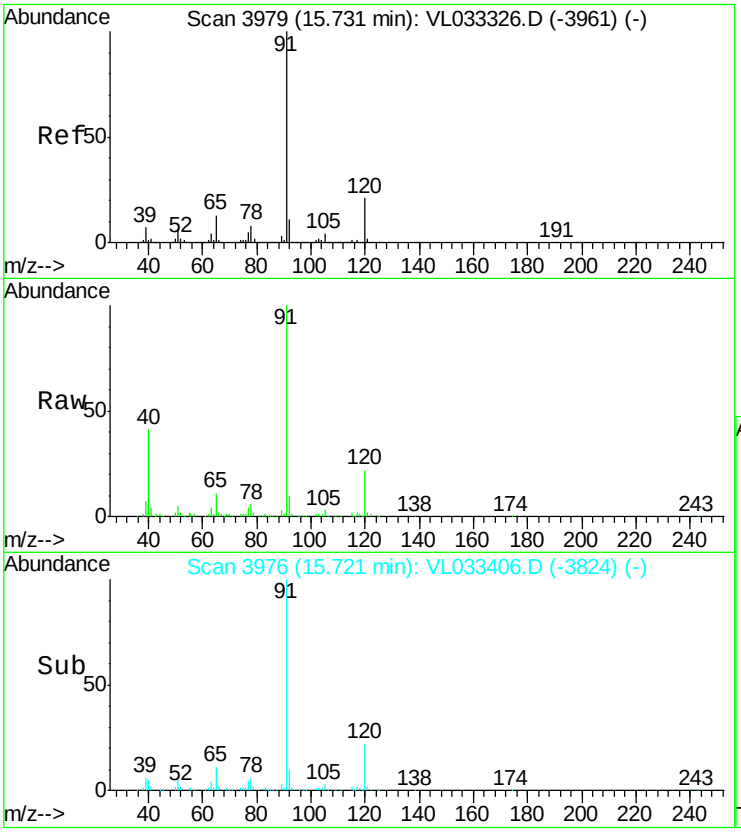


#62
Isopropylbenzene
Concen: 0.170 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:105 Resp: 53393

Ion	Ratio	Lower	Upper
105	100		
120	25.9	19.9	29.9



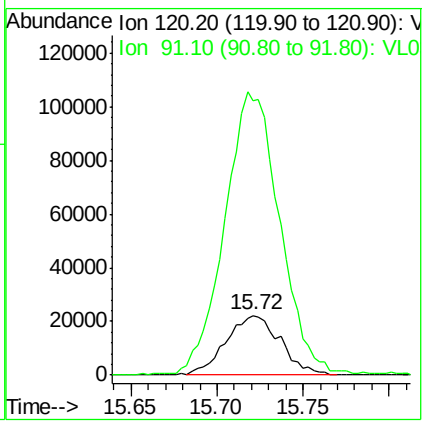


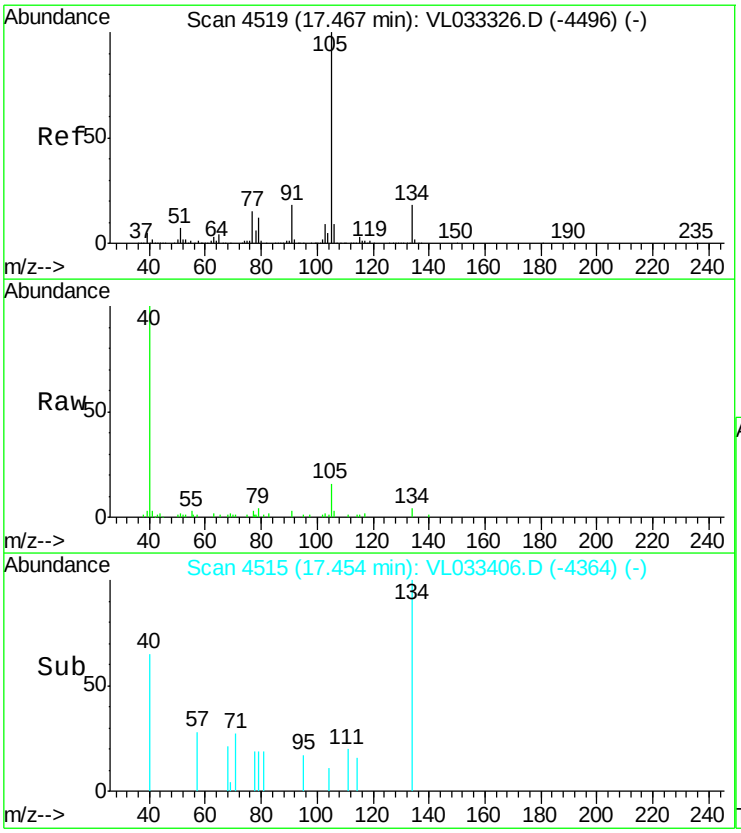
#64
n-propylbenzene
Concen: 0.613 ppbv
RT: 15.72 min Scan# 3976
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:120 Resp: 48675

Ion	Ratio	Lower	Upper
120	100		
91	481.6	389.8	584.6

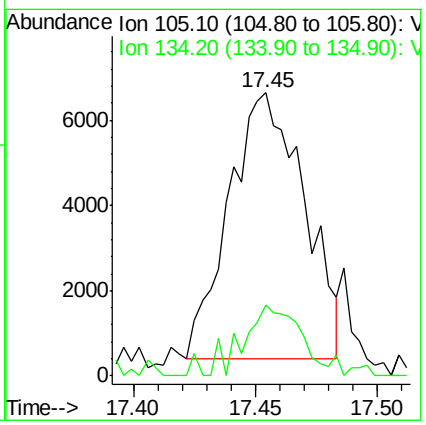


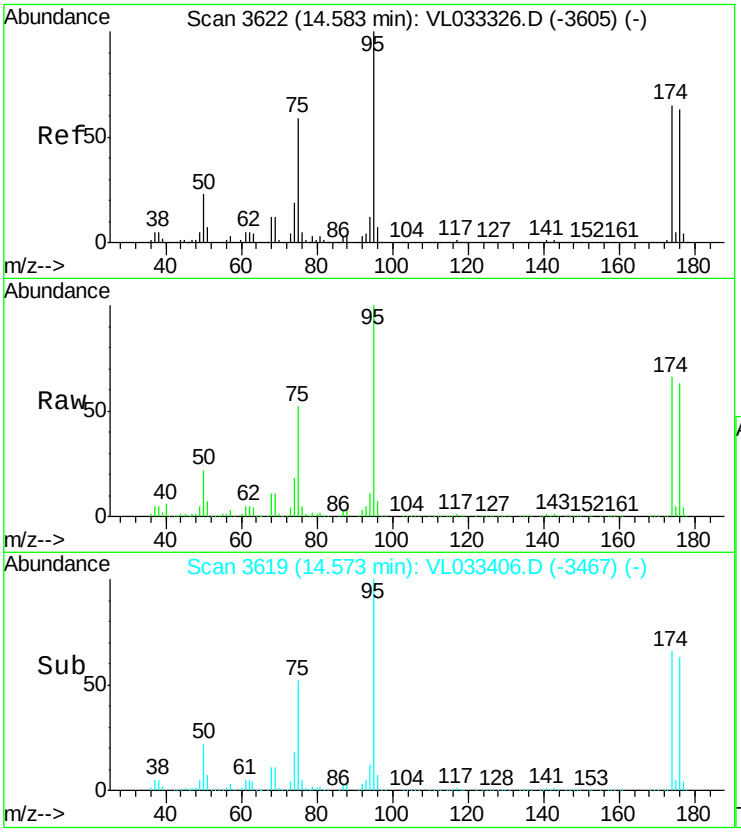


#67
sec-Butylbenzene
Concen: 0.034 ppbv
RT: 17.45 min Scan# 4515
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:105 Resp: 13442

Ion	Ratio	Lower	Upper
105	100		
134	22.1	14.2	21.4#



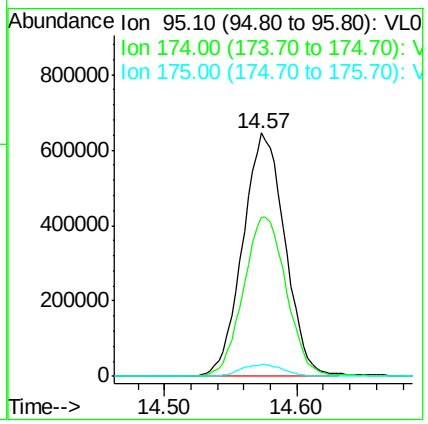


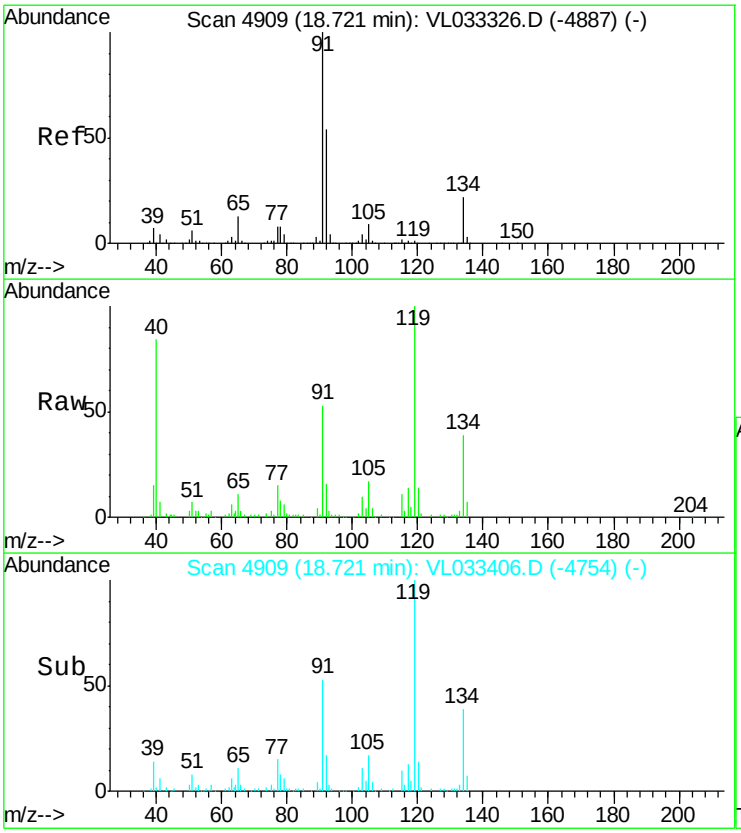
#68
1-Bromo-4-Fluorobenzene
Concen: 10.120 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 95 Resp: 1426227

Ion	Ratio	Lower	Upper
95	100		
174	66.9	51.5	77.3
175	4.9	3.8	5.6

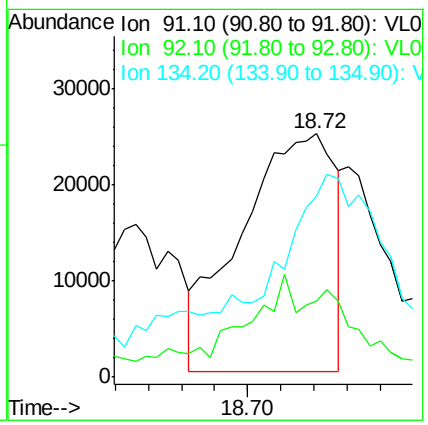


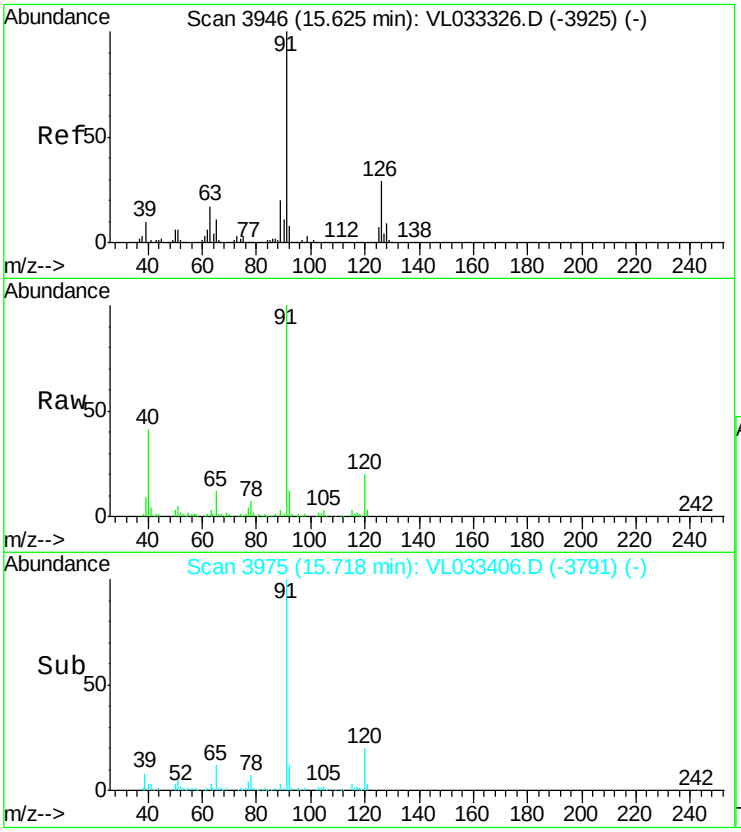


#70
n-Butylbenzene
Concen: 0.141 ppbv
RT: 18.72 min Scan# 4909
Delta R.T. -0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion: 91 Resp: 49098

Ion	Ratio	Lower	Upper
91	100		
92	58.6	42.8	64.2
134	132.7	17.4	26.0#



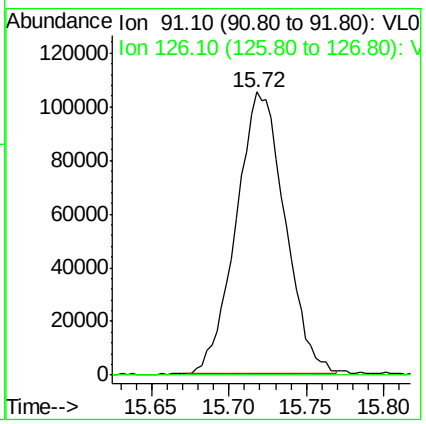


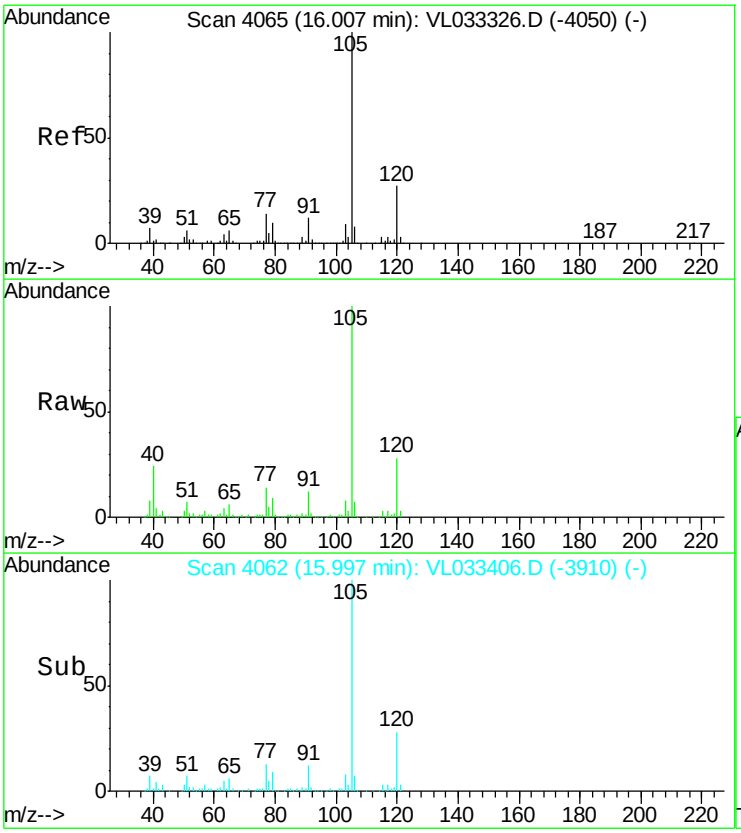
#71
2-Chlorotoluene
Concen: 0.939 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. 0.09 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument : MSVOA_L
ClientSampleId : OA1

Tgt Ion: 91 Resp: 229295

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.6	46.6#

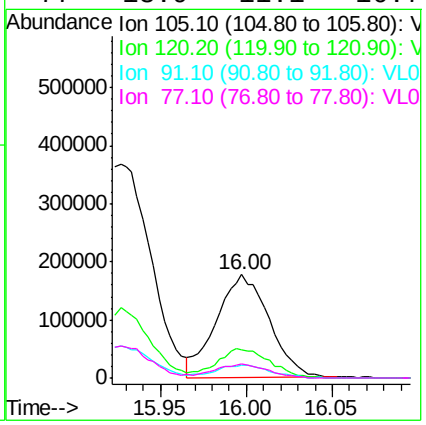


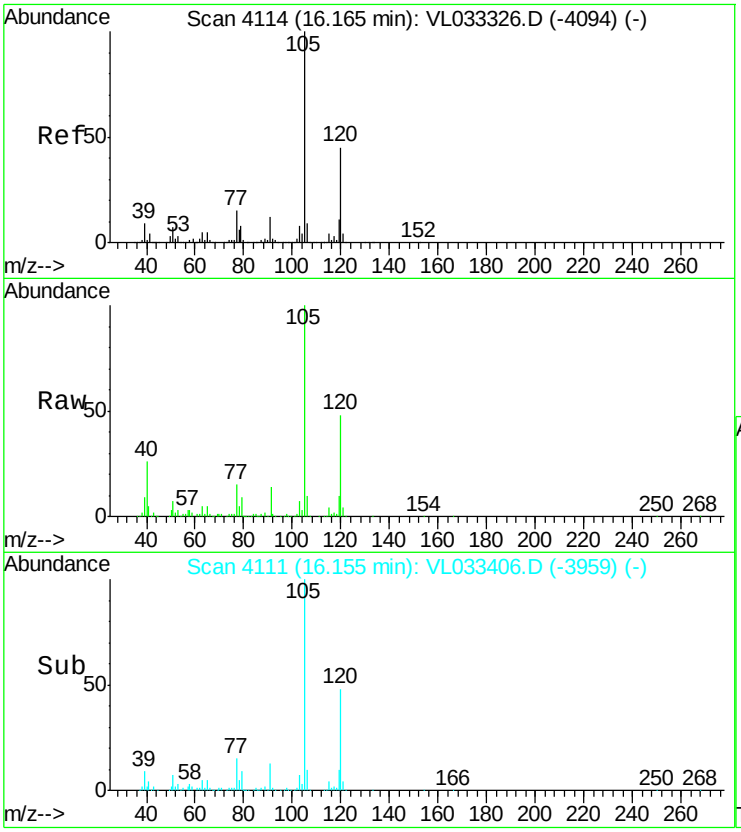


#72
4-Ethyltoluene
Concen: 1.468 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:105 Resp: 375989

Ion	Ratio	Lower	Upper
105	100		
120	27.9	22.9	34.3
91	13.9	10.2	15.2
77	13.9	11.1	16.7



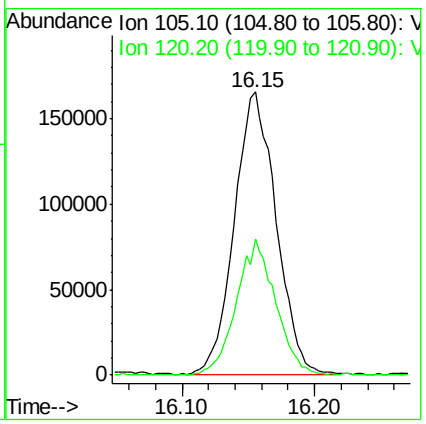


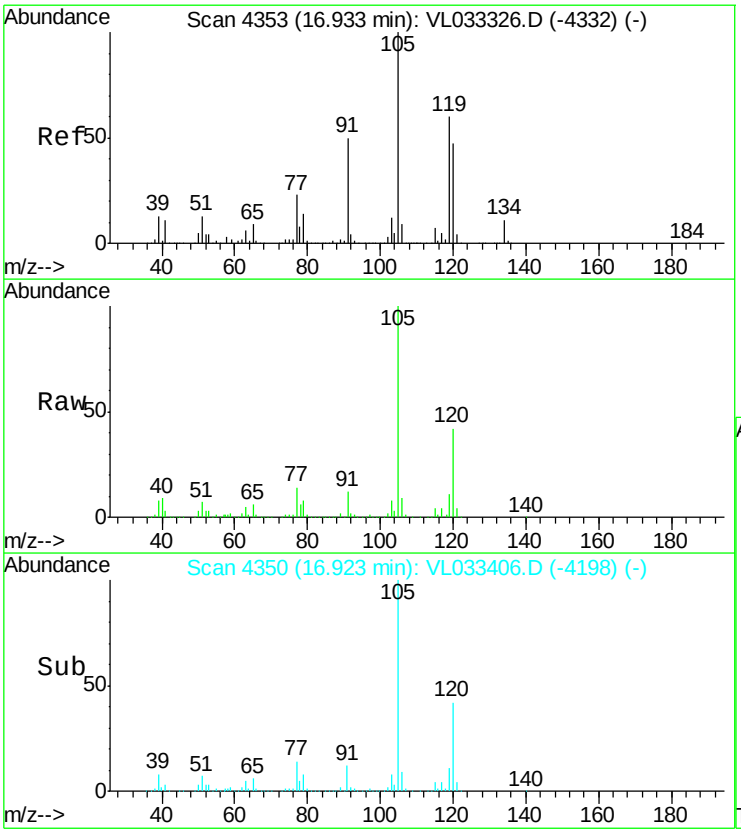
#73
1,3,5-Trimethylbenzene
Concen: 1.439 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:105 Resp: 359231

Ion	Ratio	Lower	Upper
105	100		
120	48.3	36.2	54.4

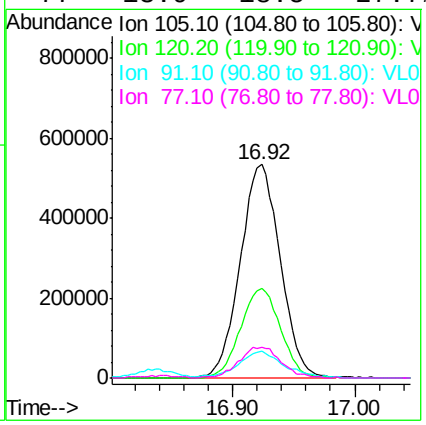


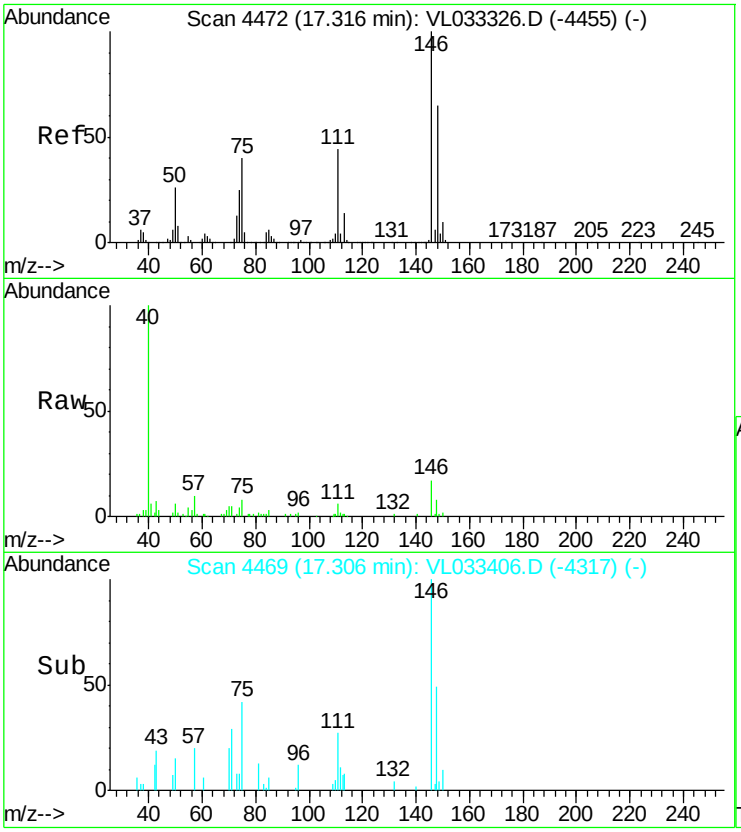


#74
1,2,4-Trimethylbenzene
Concen: 4.571 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:105 Resp: 1208001

Ion	Ratio	Lower	Upper
105	100		
120	41.9	37.4	56.2
91	12.1	41.0	61.4#
77	13.9	18.5	27.7#



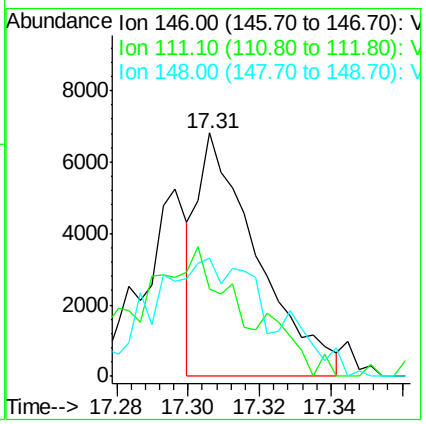


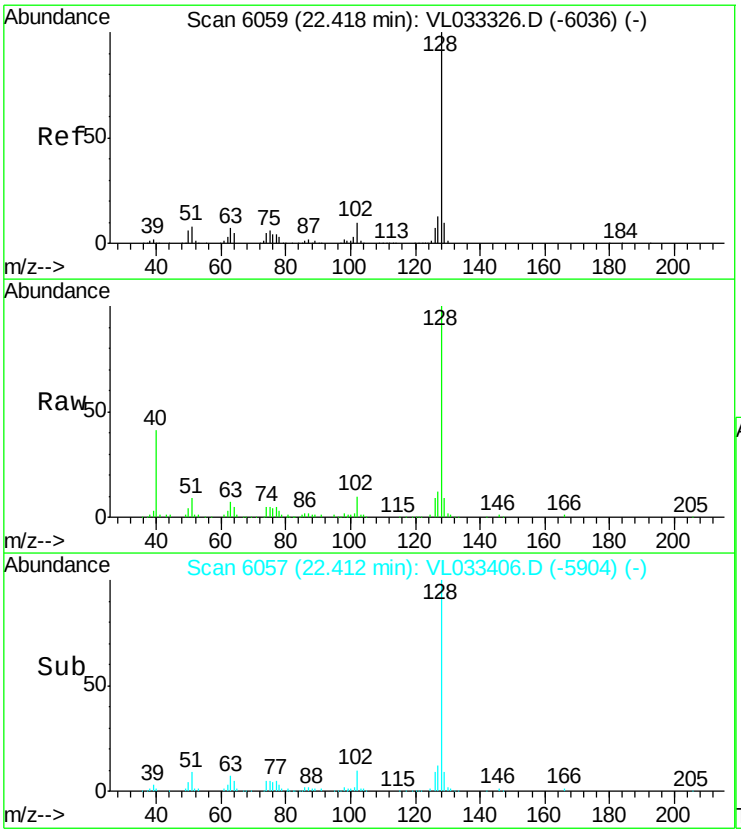
#76
1,4-Dichlorobenzene
Concen: 0.052 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:146 Resp: 7917

Ion	Ratio	Lower	Upper
146	100		
111	98.8	21.9	65.7#
148	101.2	32.1	96.5#

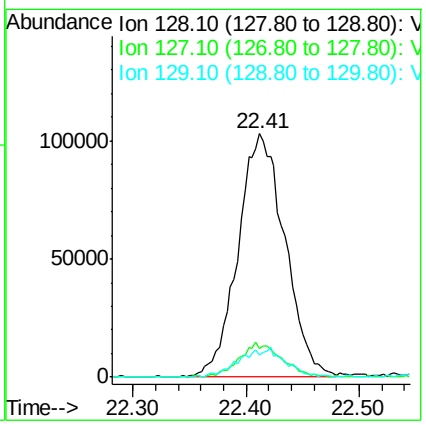


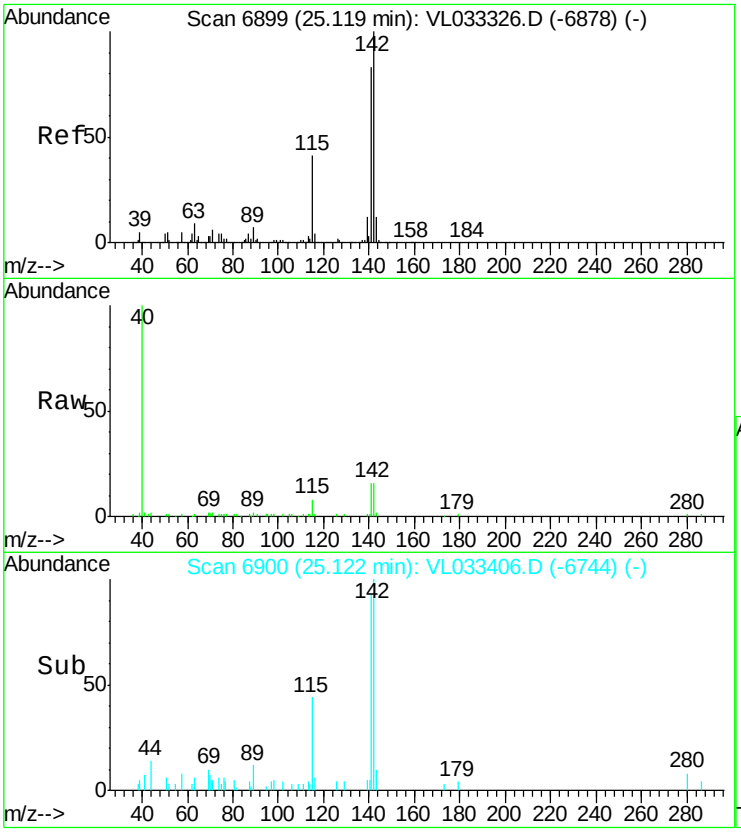


#79
Naphthalene
Concen: 1.155 ppbv
RT: 22.41 min Scan# 6057
Delta R.T. -0.01 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Tgt Ion:128 Resp: 294203

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.1	15.1
129	9.2	8.2	12.2





#80
Naphthalene,2-methyl-
Concen: 0.120 ppbv
RT: 25.12 min Scan# 6900
Delta R.T. 0.00 min
Lab File: VL033406.D
Acq: 21 Mar 2019 1:41

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:142 Resp: 14516

Ion	Ratio	Lower	Upper
142	100		
141	85.9	67.1	100.7
115	47.2	33.8	50.6