Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034768.D
Acq On : 3 Mar 2020 17:49
Operator : SY/AP
Sample : L1704-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Quant Time: Mar 04 05:47:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.72	49	1021182	10.00	ppbv		0.05
33) 1,4-Difluorobenzene	7.24	114	2174156	10.00	ppbv		0.05
55) Chlorobenzene-d5	12.16	117	2263144	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1915633	10.32	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	42517	0.264	ppbv		91
3) Chlorodifluoromethane	3.01	51	10585	0.096	ppbv	#	57
8) Dichlorotetrafluoroethane	3.17	85	2897	0.020	ppbv	#	82
9) Propene	3.18	41	189435	4.112	ppbv		99
10) Heptane	8.18	43	9069417	76.488	ppbv		90
11) Trichlorofluoromethane	3.94	101	45618	0.323	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	2369	0.024	ppbv	#	1
13) Ethanol	3.64	45	469671	32.274	ppbv		96
15) Acetone	3.87	43	26442634	227.240	ppbv	#	20
16) 1,3-Butadiene	3.34	39	358504	6.655	ppbv	#	9
17) tert-Butyl alcohol	4.33	59	37730	0.423	ppbv	#	1
19) Isopropyl Alcohol	4.01	45	149791	2.161	ppbv	#	94
20) Methylene Chloride	4.38	84	133452	3.084	ppbv		98
23) Vinyl Acetate	5.11	43	476518	3.012	ppbv	#	79
25) Ethyl Acetate	5.71	43	1109495	5.386	ppbv	#	87
26) Hexane	5.71	57	1108435	11.675	ppbv	#	54
29) Chloroform	5.81	83	18871	0.125	ppbv		99
30) Cyclohexane	7.17	84	786305	10.687	ppbv		94
31) cis-1,2-Dichloroethene	5.60	61	2164	0.023	ppbv	#	55
34) 2-Butanone	5.29	43	400461	2.926	ppbv		98
35) Carbon Tetrachloride	7.08	117	3765	0.026	ppbv	#	60
36) Benzene	6.94	78	66758	0.356	ppbv		99
37) 1,2-Dichloroethane	6.36	62	4510	0.038	ppbv	#	82
39) 1,2-Dichloropropane	7.54	63	62070	0.831	ppbv	#	1
41) Tetrahydrofuran	6.24	42	36245	0.502	ppbv	#	67
42) Bromodichloromethane	7.84	83	305304	1.970	ppbv	#	27
43) Methyl Methacrylate	8.17	69	120799	1.529	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.92	57	305135	0.930	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.83	43	42498	0.219	ppbv	#	39
51) 2-Hexanone	10.25	43	4041	0.026	ppbv	#	69
53) Toluene	9.90	91	20497939	102.632	ppbv	#	66
58) Ethyl Benzene	12.78	91	594312	2.171	ppbv		93
59) m/p-Xylene	13.06	91	448309	1.877	ppbv	#	32
60) o-Xylene	13.76	91	918830	3.877	ppbv		97
61) Styrene	13.60	104	5514	0.036	ppbv	#	1
62) Isopropylbenzene	14.74	105	304606	0.881	ppbv		100
64) n-propylbenzene	15.63	120	435689	4.889	ppbv		82
65) tert-Butylbenzene	16.84	119	535374	1.793	ppbv	#	69
66) Benzyl Chloride	17.29	91	79966	0.718	ppbv	#	68
67) sec-Butylbenzene	17.37	105	46761	0.109	ppbv	#	36
69) p-Isopropyltoluene	17.73	119	24847	0.070	ppbv	#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034768.D
Acq On : 3 Mar 2020 17:49
Operator : SY/AP
Sample : L1704-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Quant Time: Mar 04 05:47:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) n-Butylbenzene	18.63	91	111105	0.289	ppbv	#	47
71) 2-Chlorotoluene	15.63	91	2196055	8.202	ppbv	#	46
72) 4-Ethyltoluene	15.91	105	2288847	8.678	ppbv		99
73) 1,3,5-Trimethylbenzene	16.07	105	1790568	7.057	ppbv		97
74) 1,2,4-Trimethylbenzene	16.83	105	4658493	16.624	ppbv	#	70
79) Naphthalene	22.30	128	217310	0.881	ppbv	#	97
80) Naphthalene,2-methyl-	25.04	142	28850	0.379	ppbv	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034768.D
Acq On : 3 Mar 2020 17:49
Operator : SY/AP
Sample : L1704-05
Misc : 400ml/MSVOA_L
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Instrument : MSVOA_L
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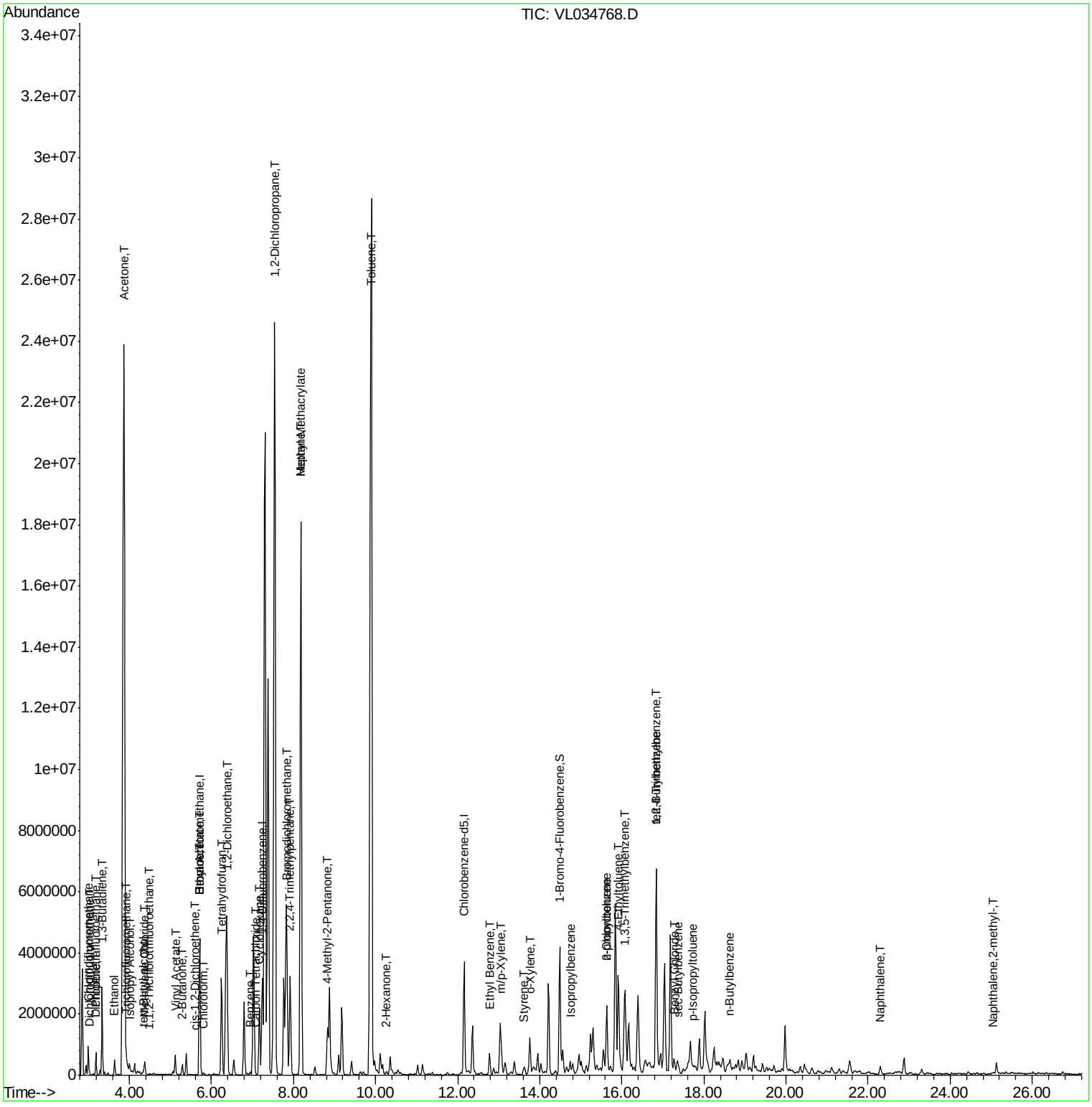
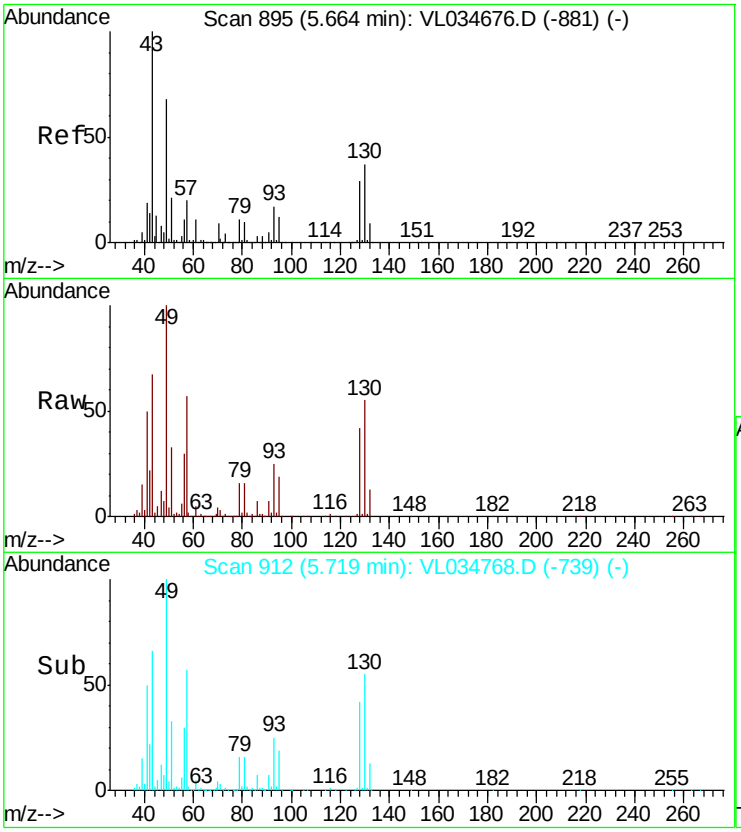
Quant Time: Mar 04 05:47:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration



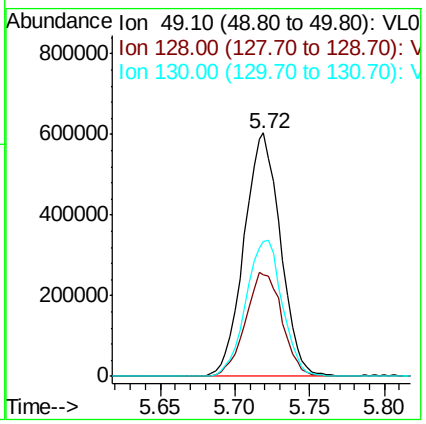


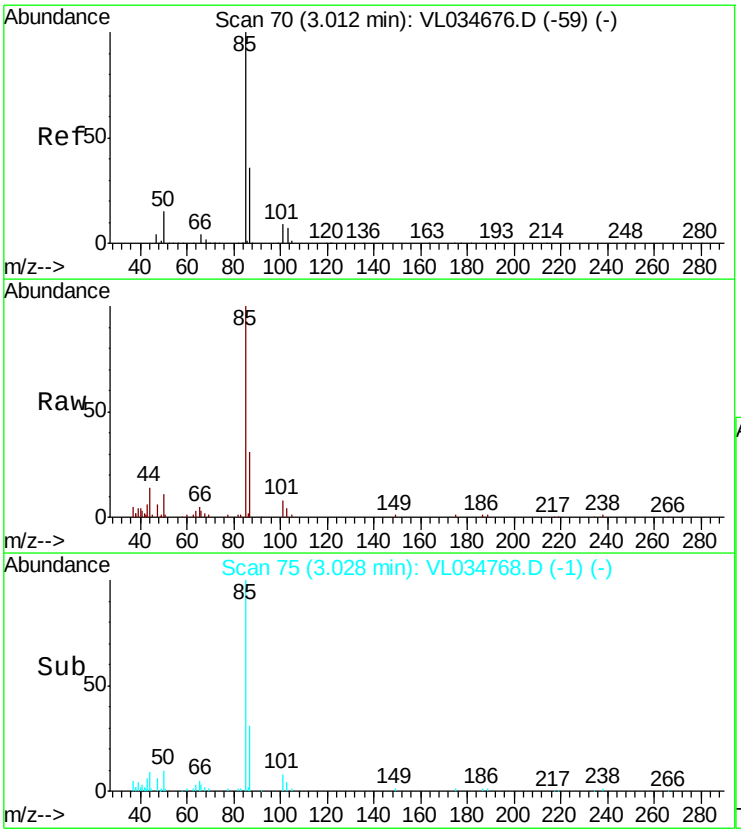
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.72 min Scan# 912
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion: 49 Resp: 1021182

Ion	Ratio	Lower	Upper
49	100		
128	42.8	21.6	65.0
130	55.8	27.7	83.1

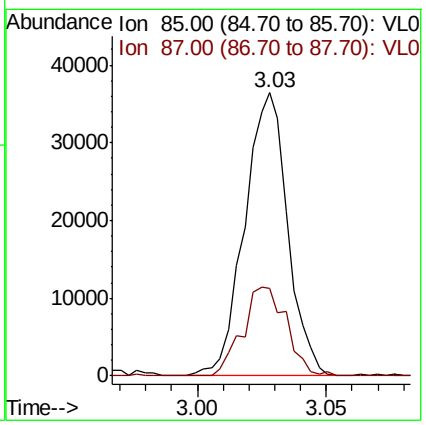


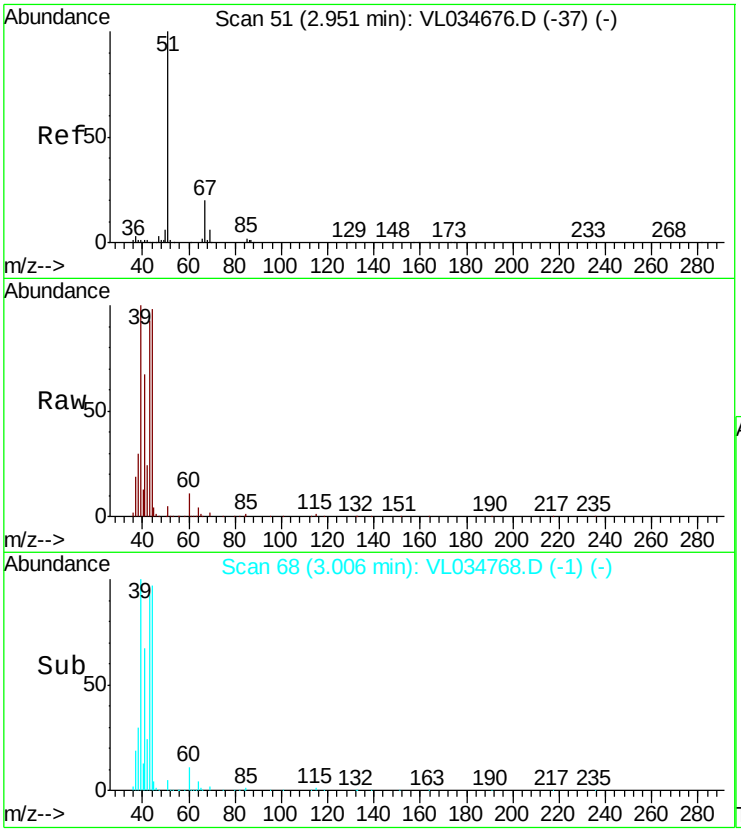


#2
Dichlorodifluoromethane
Concen: 0.264 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.02 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 85 Resp: 42517

Ion	Ratio	Lower	Upper
85	100		
87	31.0	29.2	43.8



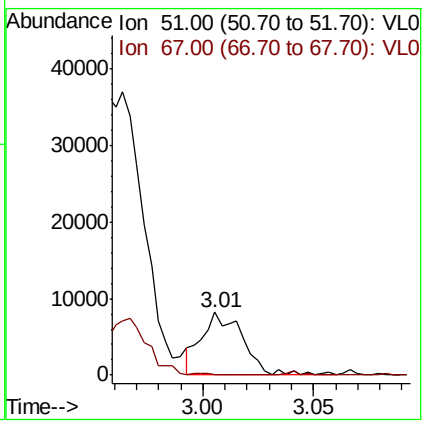


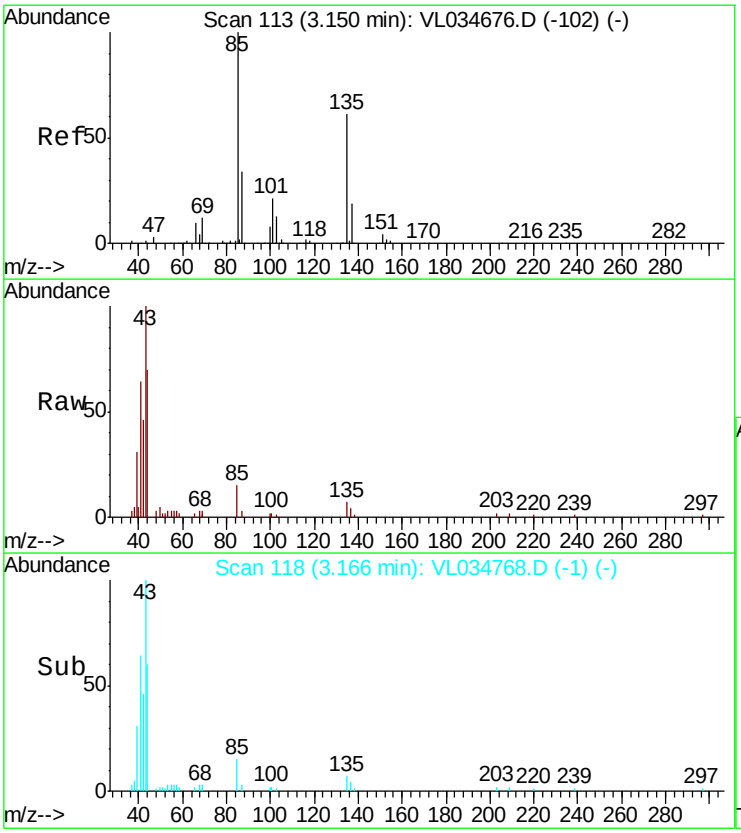
#3
Chlorodifluoromethane
Concen: 0.096 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 51 Resp: 10585

Ion	Ratio	Lower	Upper
51	100		
67	0.0	15.5	23.3#

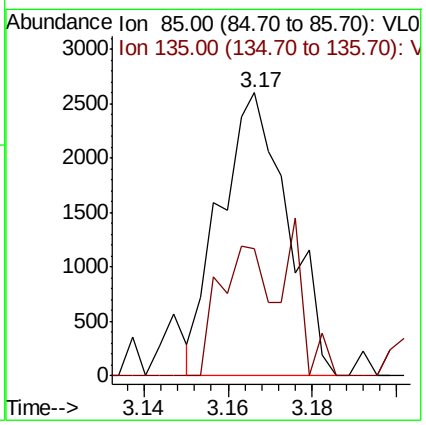


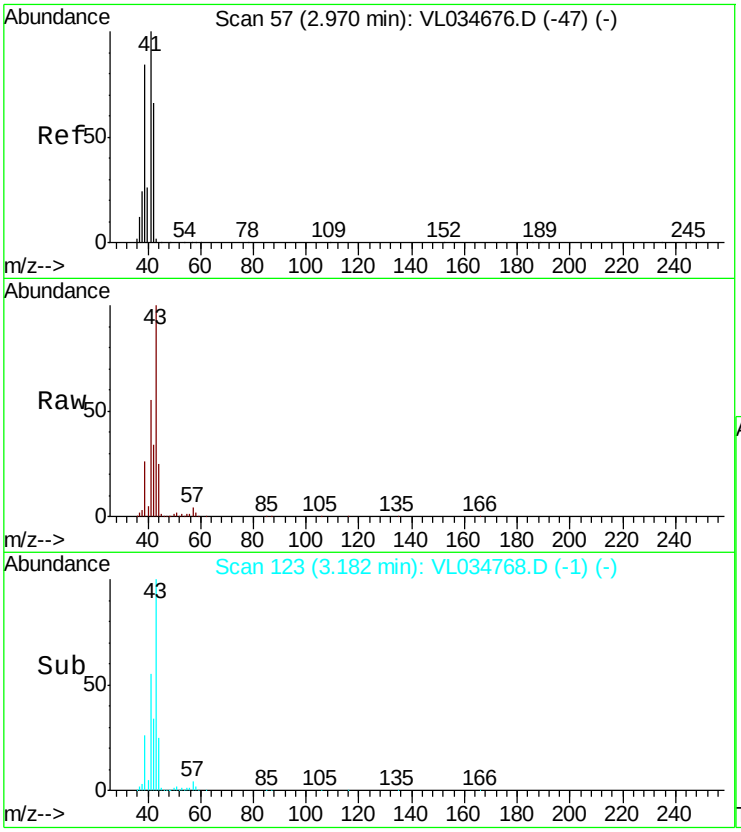


#8
Dichlorotetrafluoroethane
Concen: 0.020 ppbv
RT: 3.17 min Scan# 118
Delta R.T. 0.02 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 85 Resp: 2897

Ion	Ratio	Lower	Upper
85	100		
135	48.1	49.8	74.6#



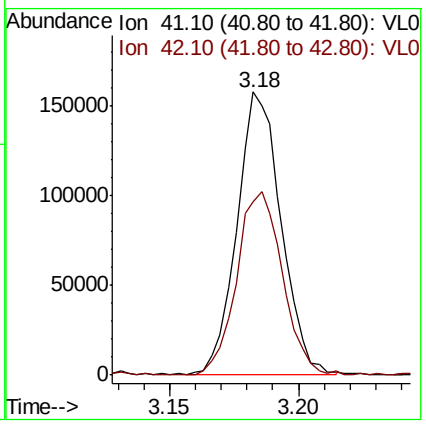


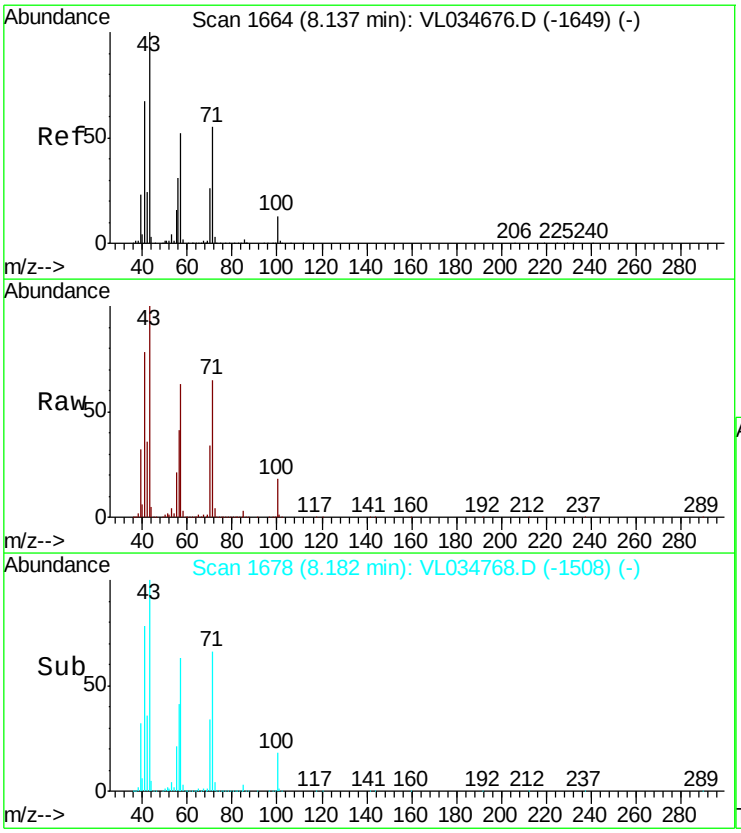
#9
Propene
Concen: 4.112 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.21 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion: 41 Resp: 189435

Ion	Ratio	Lower	Upper
41	100		
42	67.6	54.9	82.3

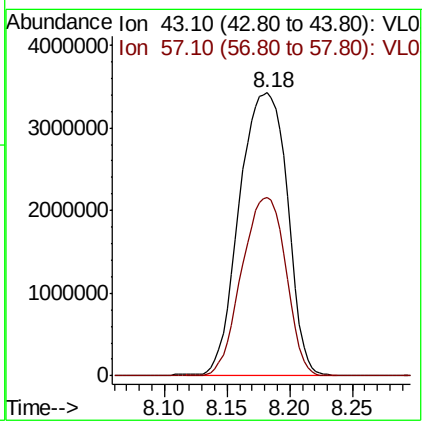


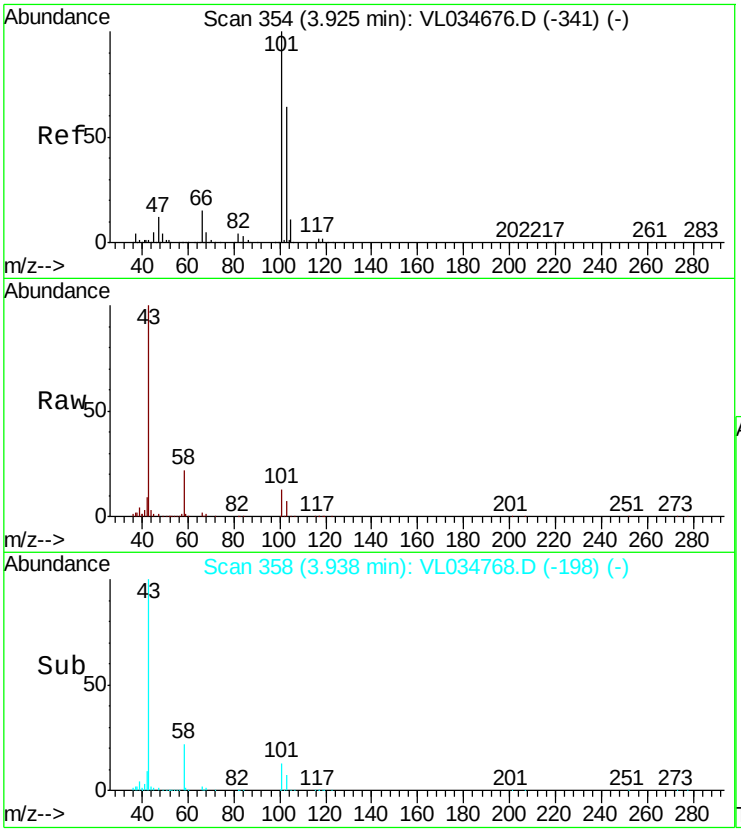


#10
Heptane
Concen: 76.488 ppbv
RT: 8.18 min Scan# 1678
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 43 Resp: 9069417

Ion	Ratio	Lower	Upper
43	100		
57	58.4	41.0	61.6



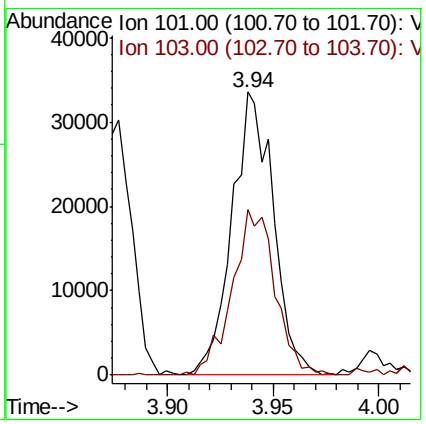


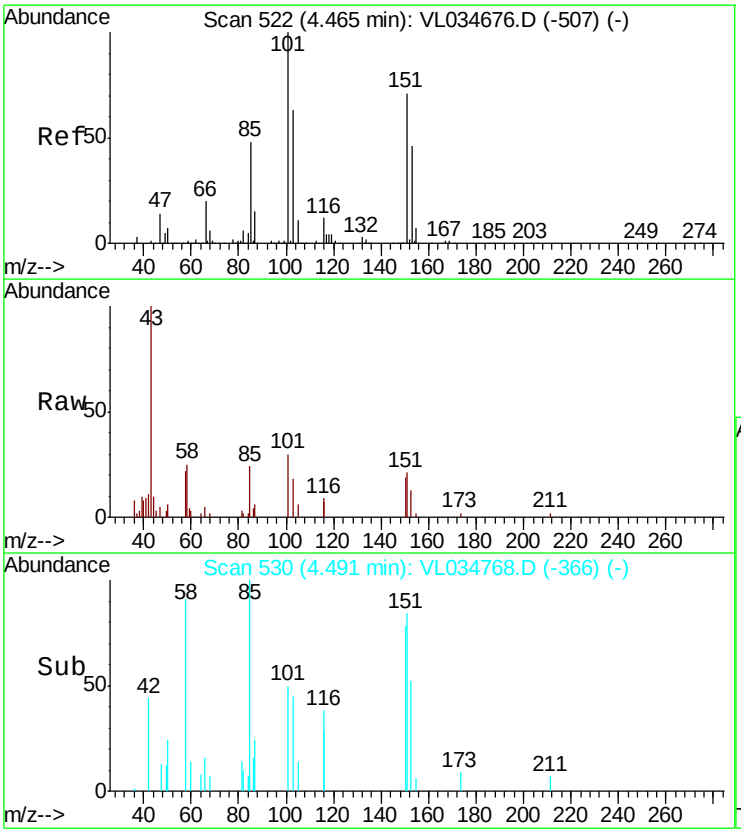
#11
Trichlorofluoromethane
Concen: 0.323 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.01 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion:101 Resp: 45618

Ion	Ratio	Lower	Upper
101	100		
103	58.4	51.2	76.8

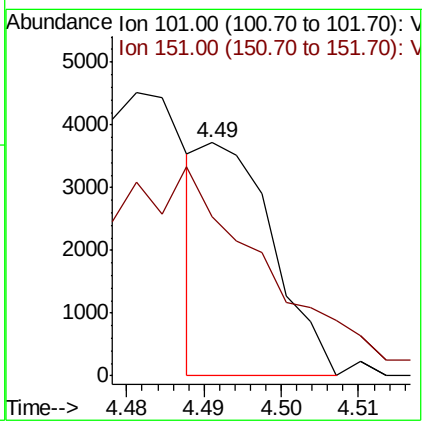


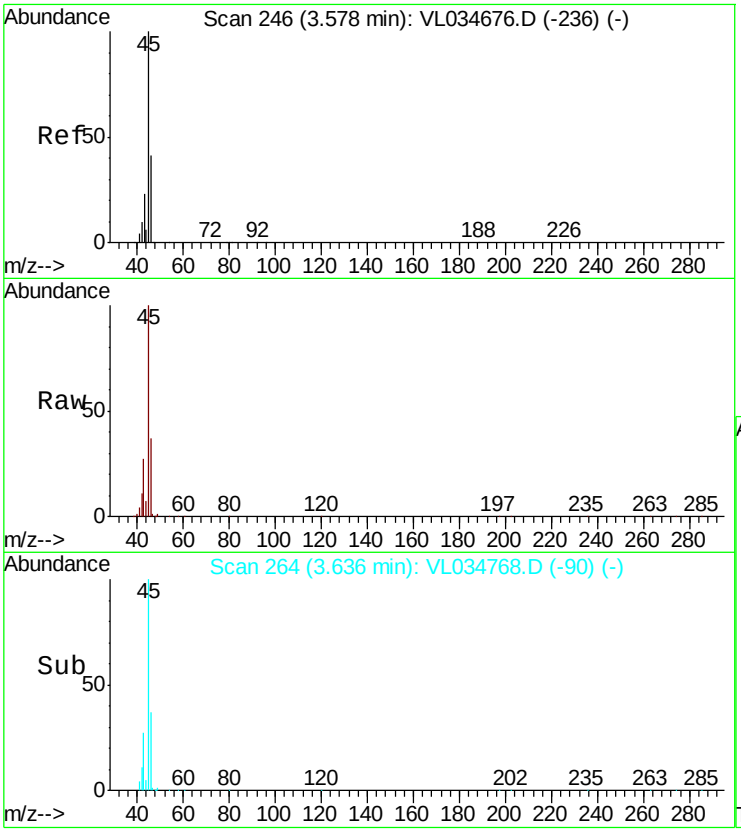


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.024 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:101 Resp: 2369

Ion	Ratio	Lower	Upper
101	100		
151	217.3	55.8	83.6#



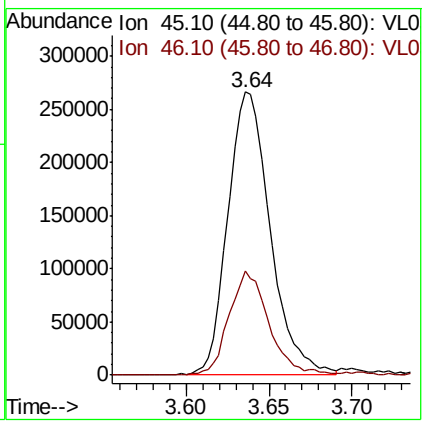


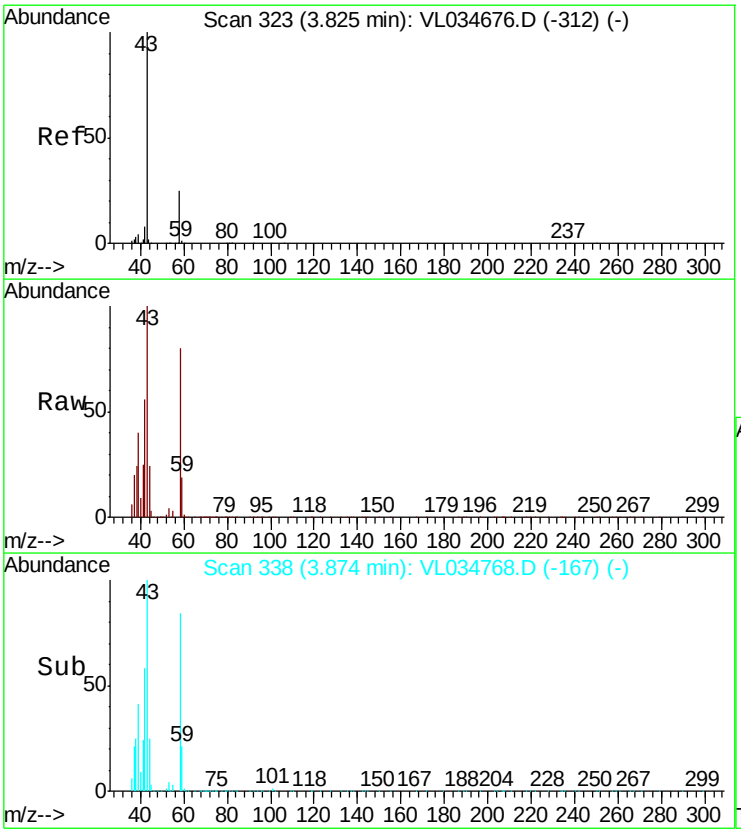
#13
Ethanol
Concen: 32.274 ppbv
RT: 3.64 min Scan# 264
Delta R.T. 0.06 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion: 45 Resp: 469671

Ion	Ratio	Lower	Upper
45	100		
46	35.7	15.4	61.4

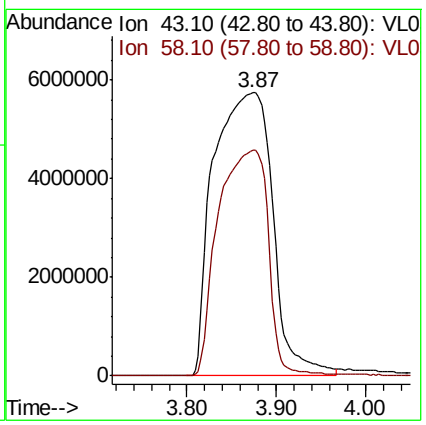


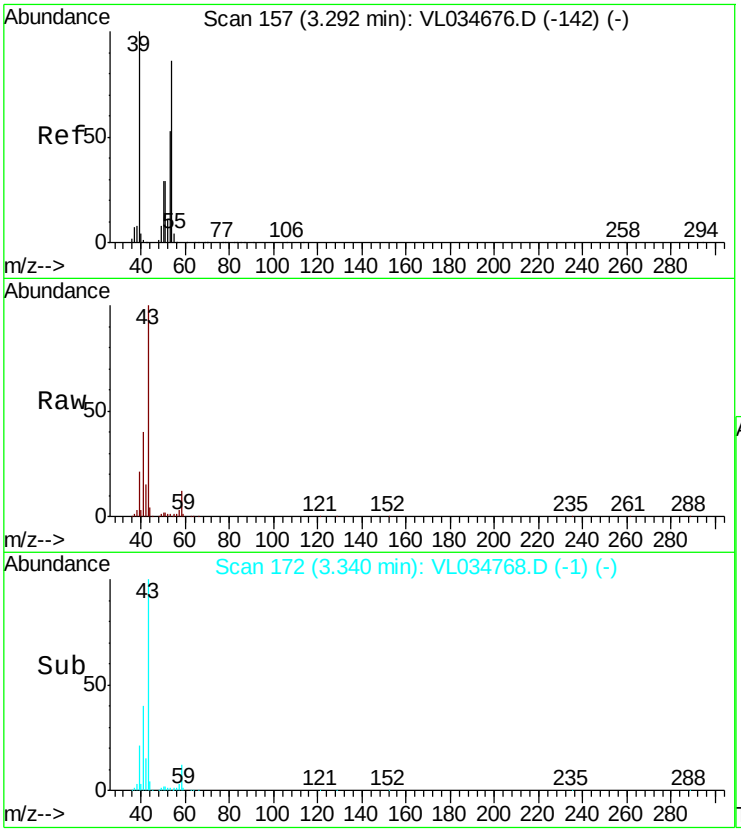


#15
Acetone
Concen: 227.240 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 43 Resp:26442634

Ion	Ratio	Lower	Upper
43	100		
58	67.9	21.4	32.0#



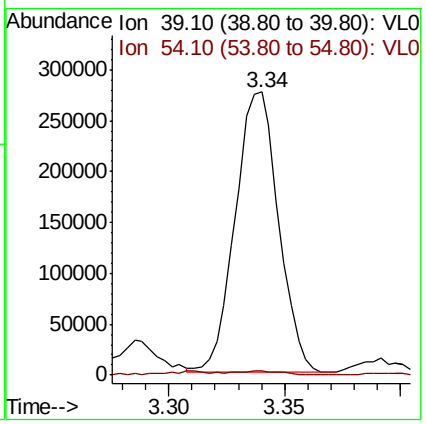


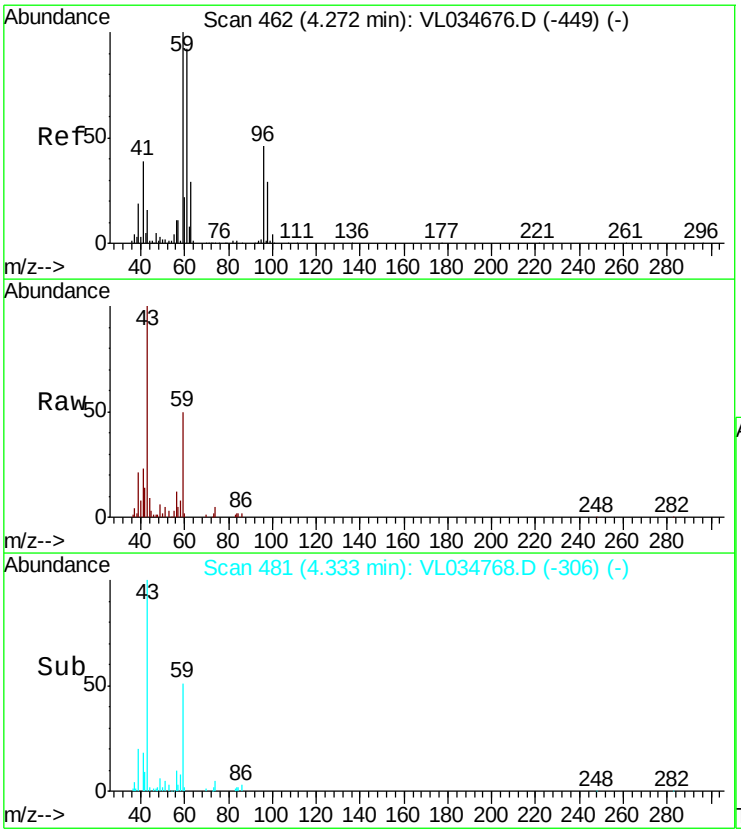
#16
1,3-Butadiene
Concen: 6.655 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion: 39 Resp: 358504

Ion	Ratio	Lower	Upper
39	100		
54	1.6	67.0	100.6#

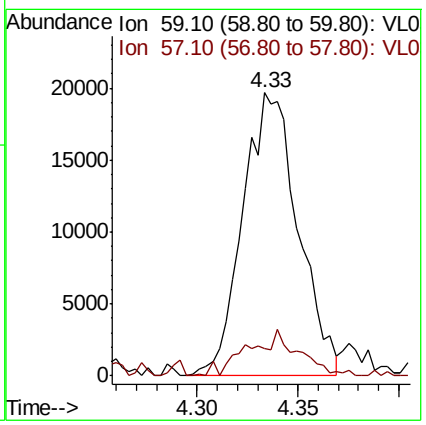


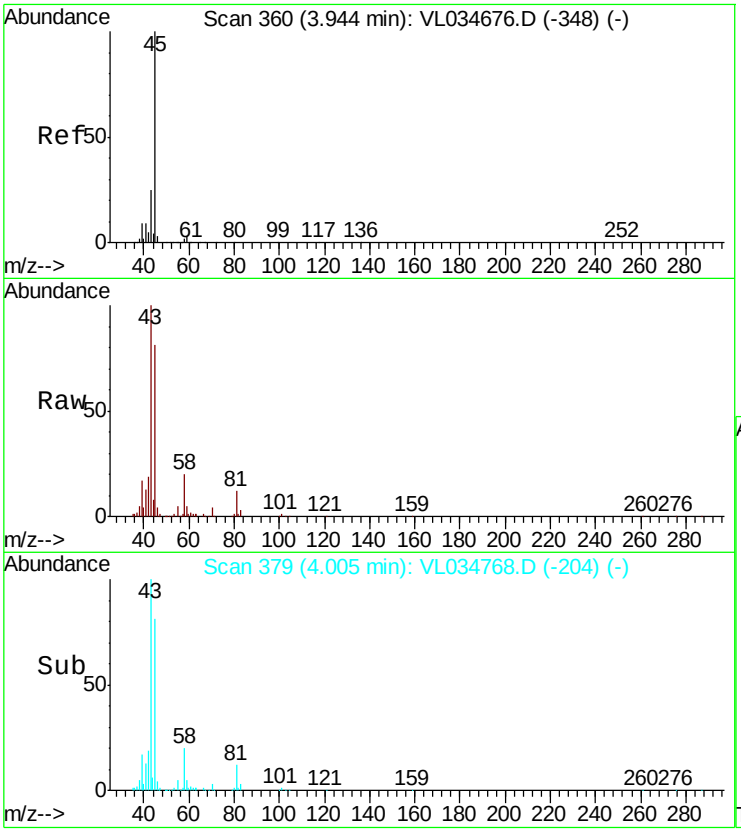


#17
tert-Butyl alcohol
Concen: 0.423 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.06 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 59 Resp: 37730

Ion	Ratio	Lower	Upper
59	100		
57	55.1	8.8	13.2#



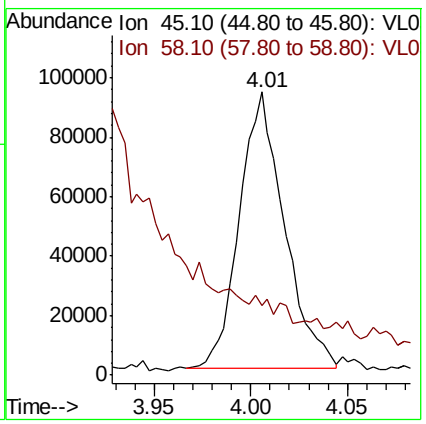


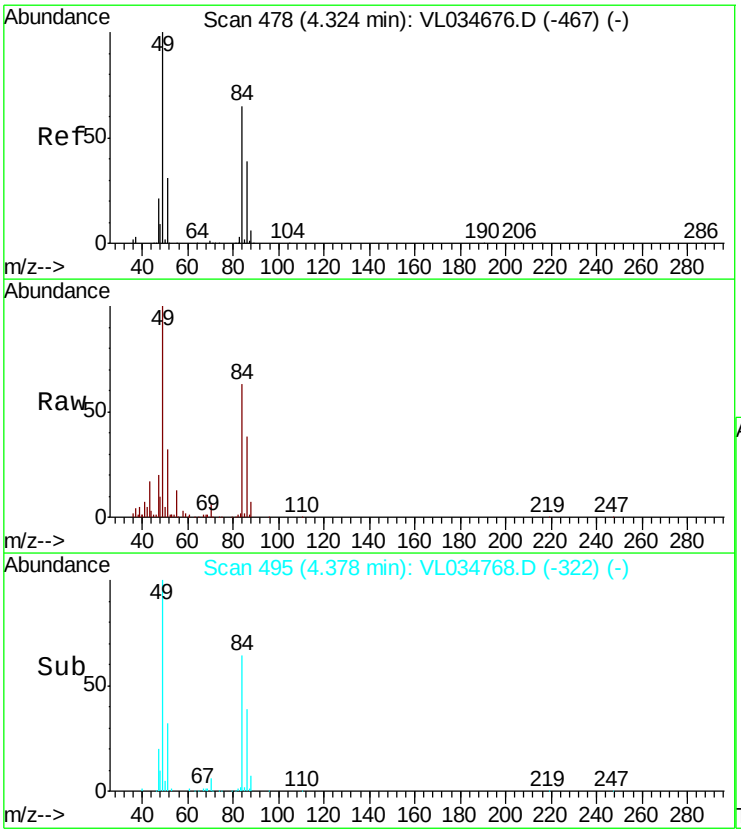
#19
Isopropyl Alcohol
Concen: 2.161 ppbv
RT: 4.01 min Scan# 379
Delta R.T. 0.06 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 45 Resp: 149791

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#

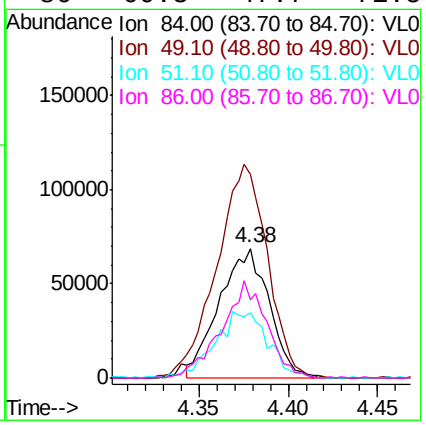


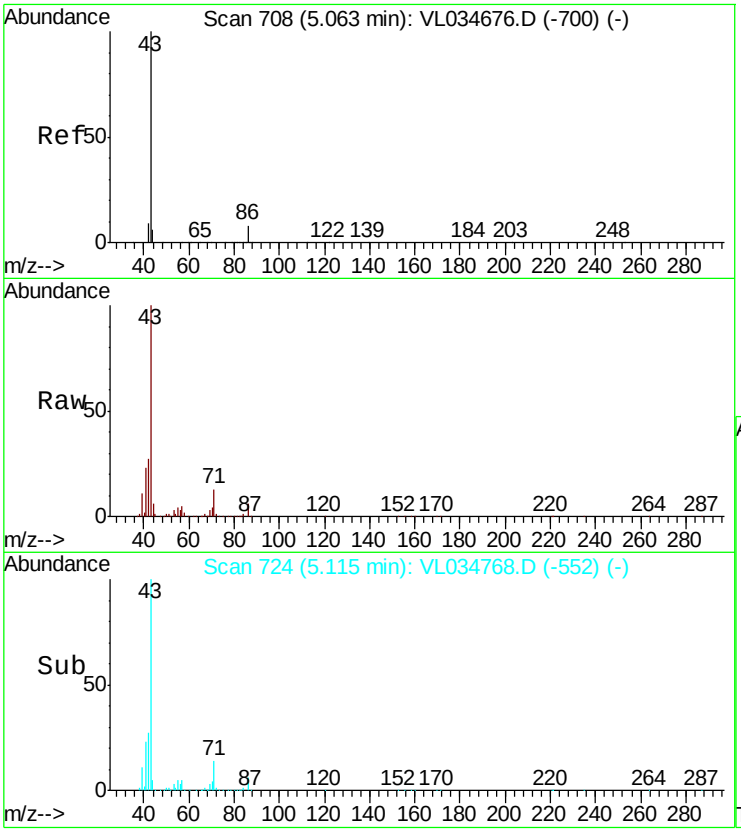


#20
Methylene Chloride
Concen: 3.084 ppbv
RT: 4.38 min Scan# 495
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 84 Resp: 133452

Ion	Ratio	Lower	Upper
84	100		
49	157.1	122.8	184.2
51	50.3	38.6	58.0
86	60.3	47.7	71.5



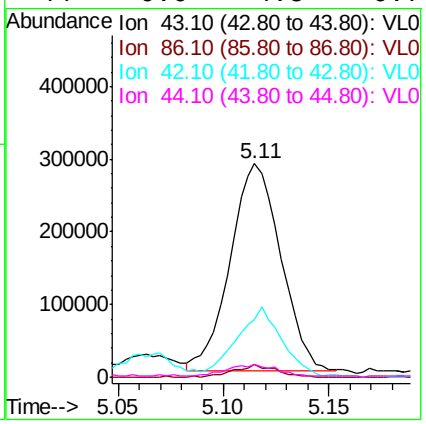


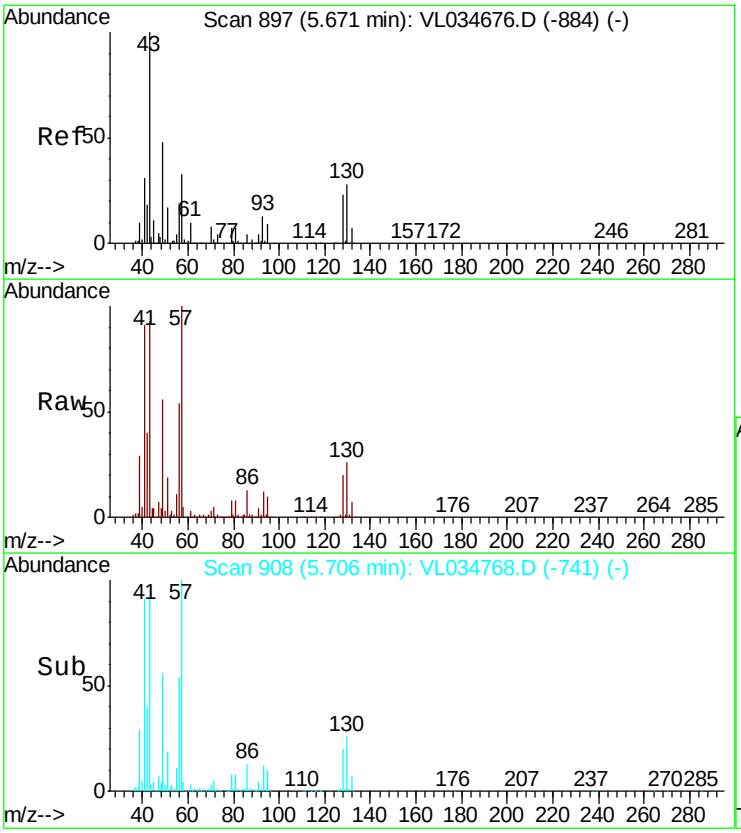
#23
Vinyl Acetate
Concen: 3.012 ppbv
RT: 5.11 min Scan# 724
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 43 Resp: 476518

Ion	Ratio	Lower	Upper
43	100		
86	5.9	6.0	9.0#
42	26.8	8.0	12.0#
44	6.0	4.5	6.7

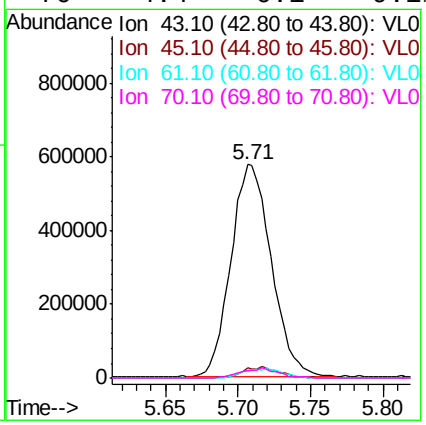


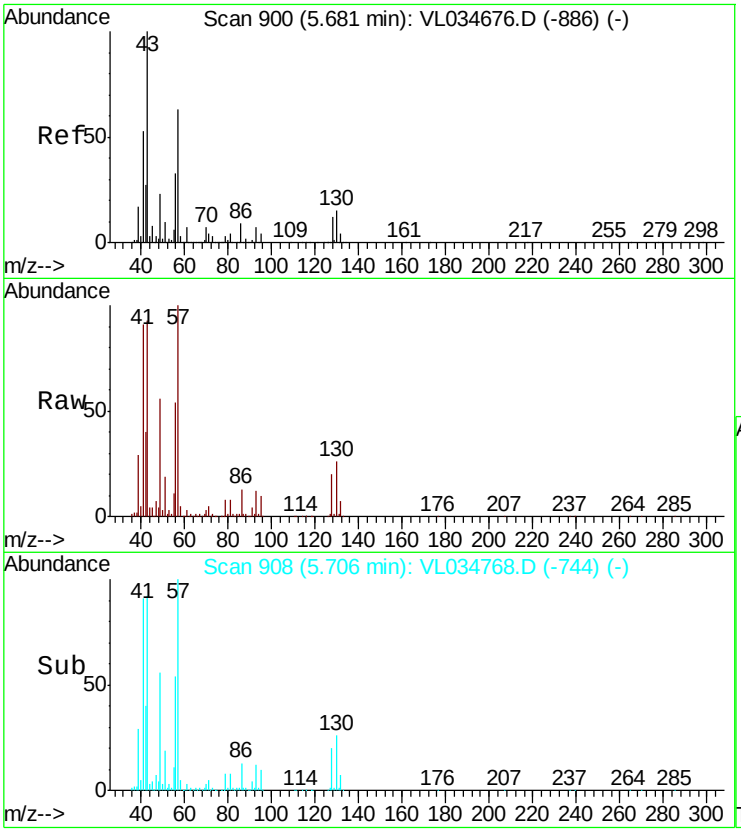


#25
Ethyl Acetate
Concen: 5.386 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 43 Resp: 1109495

Ion	Ratio	Lower	Upper
43	100		
45	5.0	8.2	12.4#
61	4.4	7.8	11.6#
70	4.4	6.1	9.1#



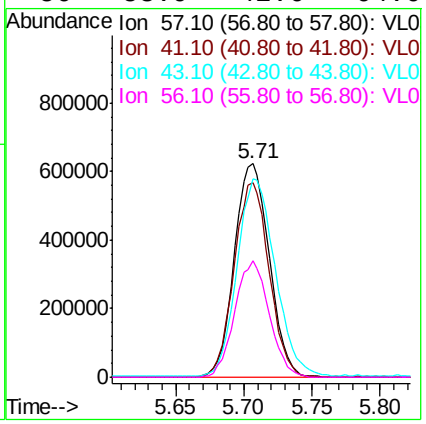


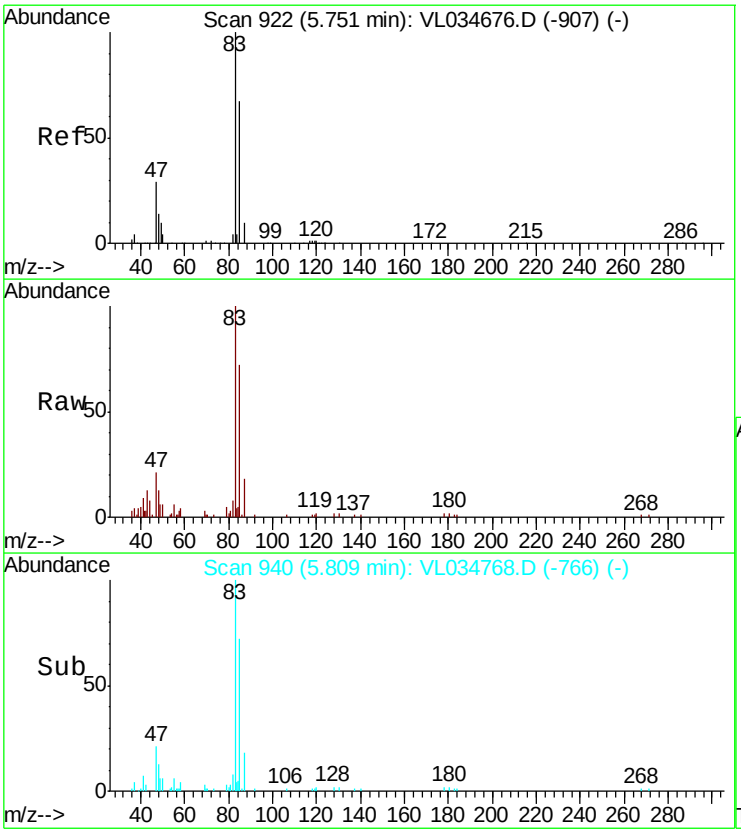
#26
Hexane
Concen: 11.675 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion: 57 Resp: 1108435

Ion	Ratio	Lower	Upper
57	100		
41	91.6	70.3	105.5
43	101.5	177.0	265.4#
56	53.9	42.6	64.0

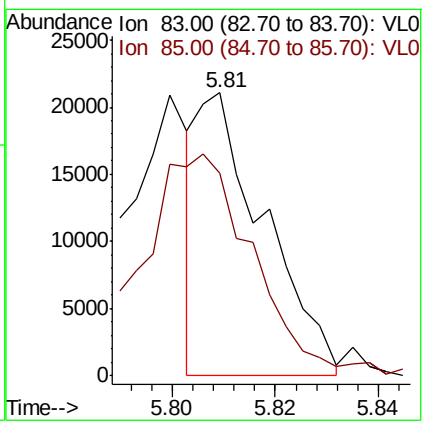


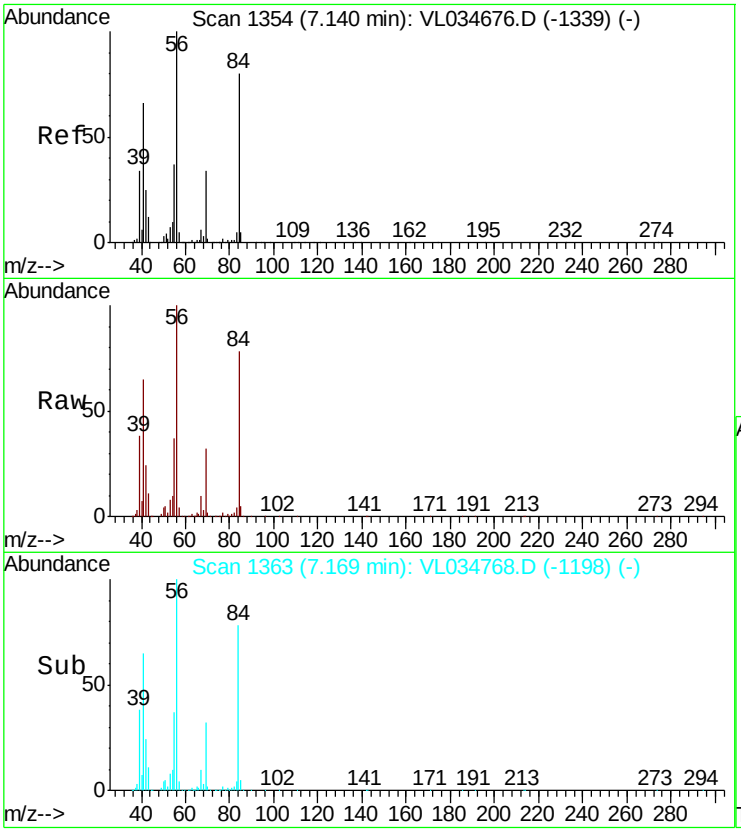


#29
Chloroform
Concen: 0.125 ppbv
RT: 5.81 min Scan# 940
Delta R.T. 0.06 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 83 Resp: 18871

Ion	Ratio	Lower	Upper
83	100		
85	67.8	53.9	80.9



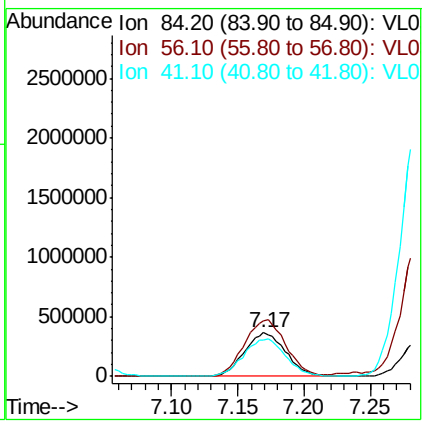


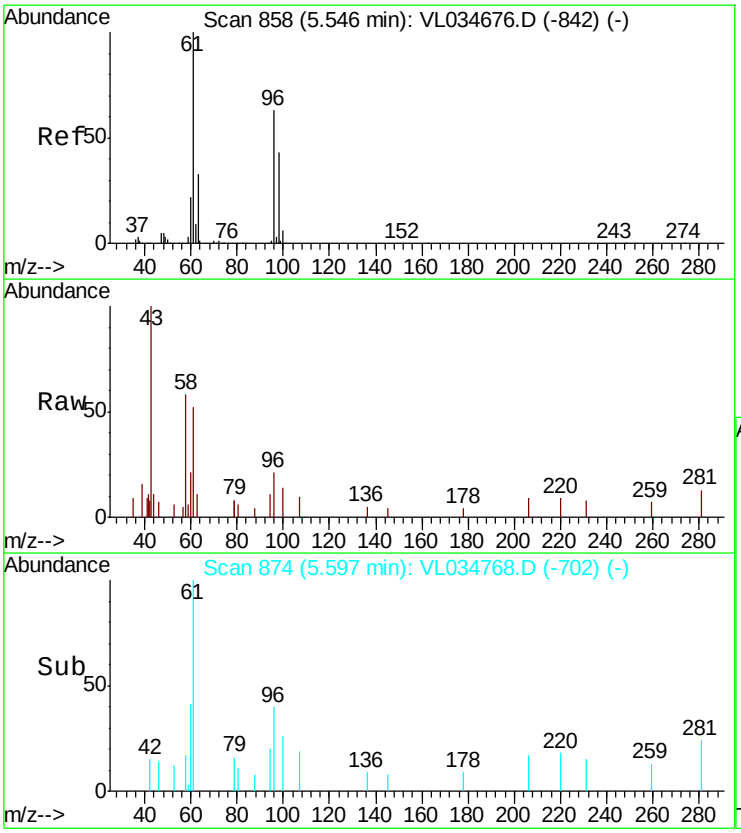
#30
Cyclohexane
Concen: 10.687 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 84 Resp: 786305

Ion	Ratio	Lower	Upper
84	100		
56	132.8	113.4	170.2
41	87.6	68.2	102.4

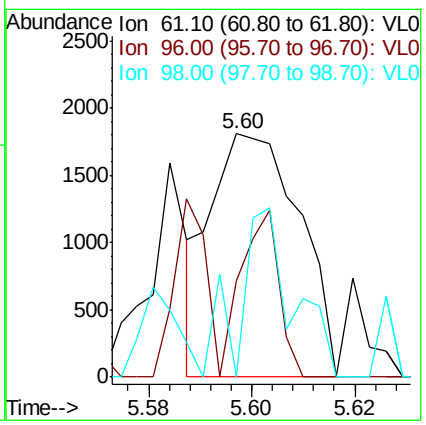


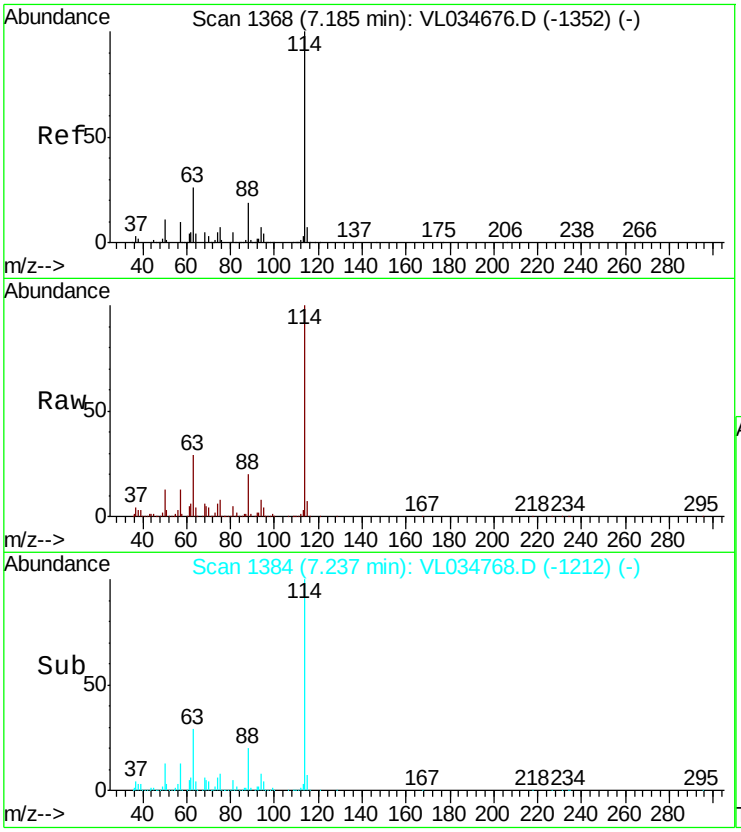


#31
cis-1,2-Dichloroethene
Concen: 0.023 ppbv
RT: 5.60 min Scan# 874
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 61 Resp: 2164

Ion	Ratio	Lower	Upper
61	100		
96	39.7	50.2	75.2#
98	0.0	34.3	51.5#



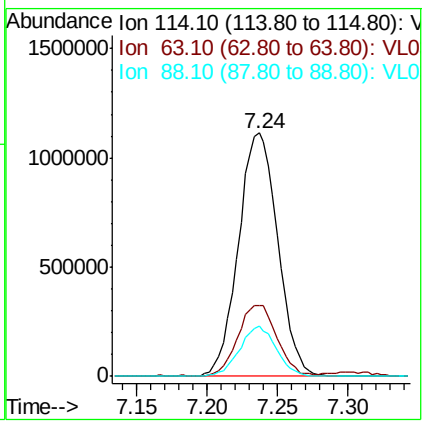


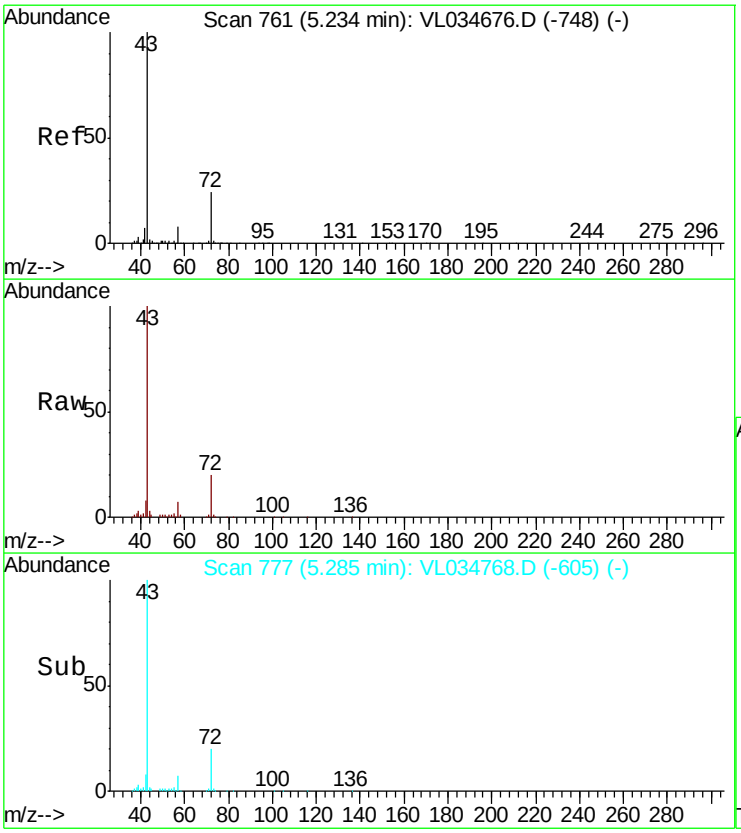
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion:114 Resp: 2174156

Ion	Ratio	Lower	Upper
114	100		
63	29.4	22.9	34.3
88	19.3	15.8	23.6

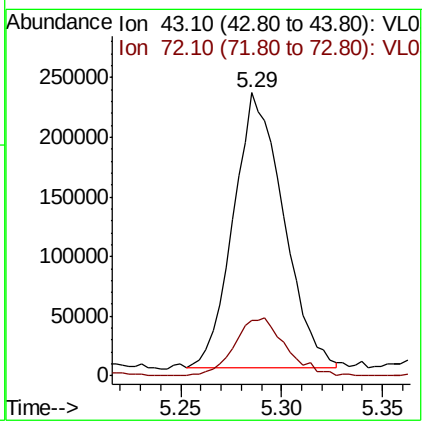


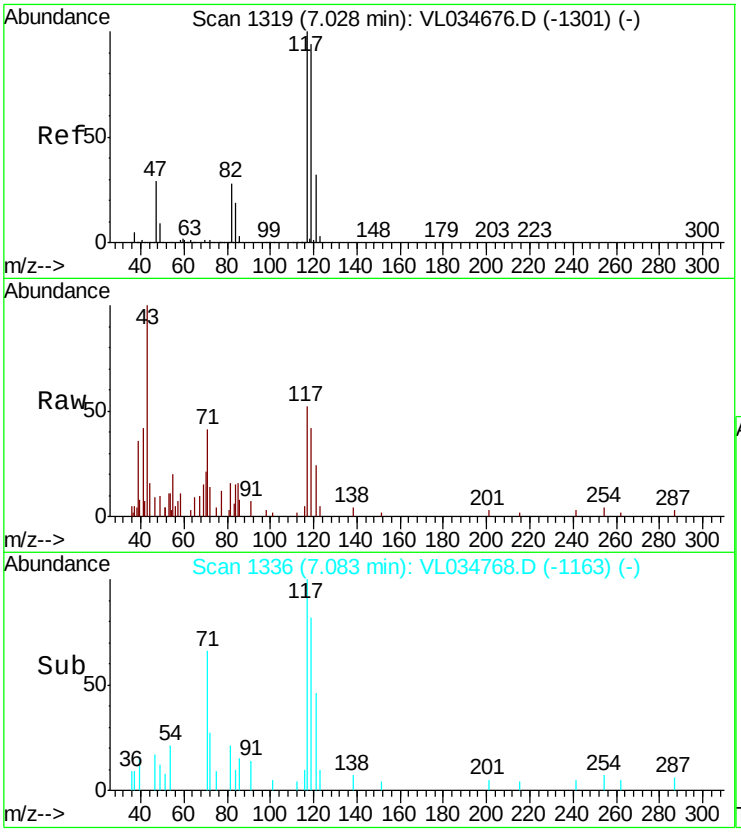


#34
2-Butanone
Concen: 2.926 ppbv
RT: 5.29 min Scan# 777
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 43 Resp: 400461

Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.2	27.2



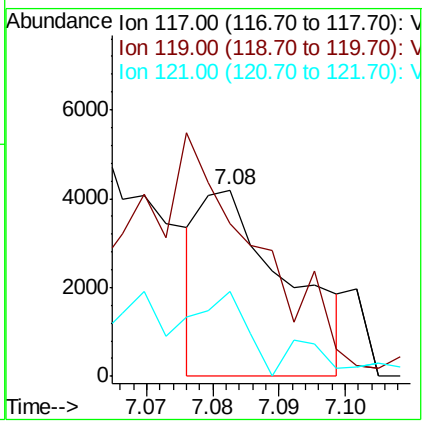


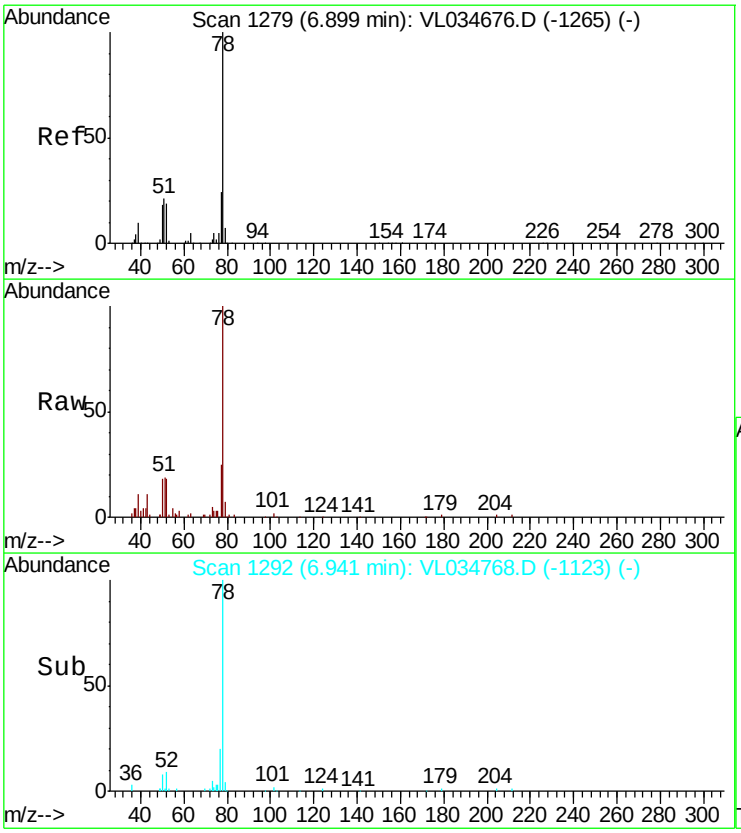
#35
Carbon Tetrachloride
Concen: 0.026 ppbv
RT: 7.08 min Scan# 1336
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion:117 Resp: 3765

Ion	Ratio	Lower	Upper
117	100		
119	120.9	75.5	113.3#
121	74.7	25.4	38.0#

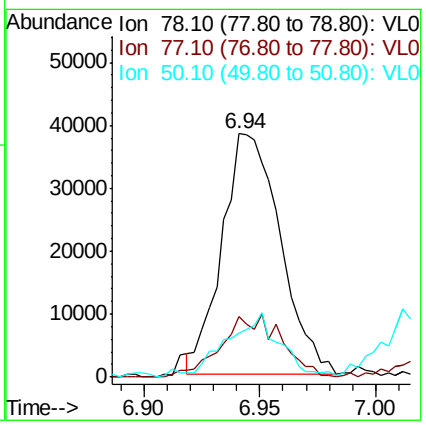


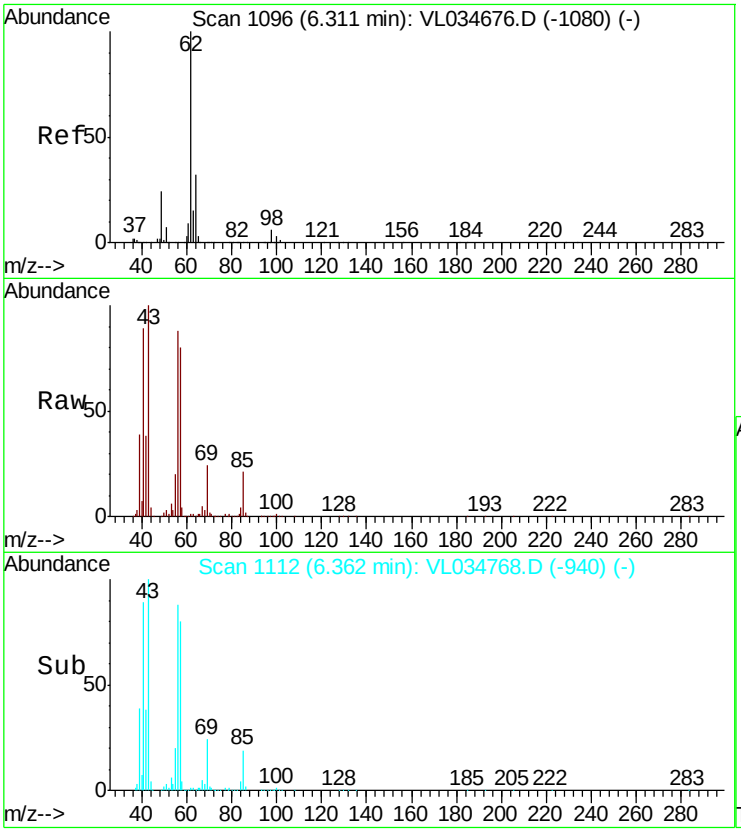


#36
Benzene
Concen: 0.356 ppbv
RT: 6.94 min Scan# 1292
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 78 Resp: 66758

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3
50	17.5	14.6	21.8



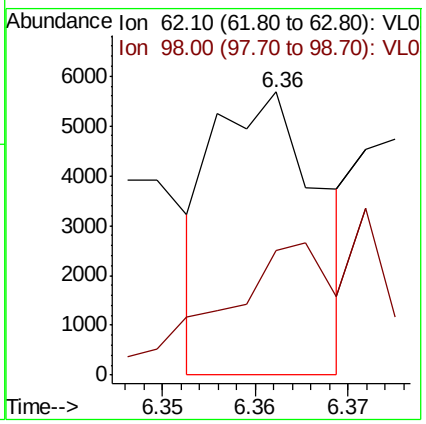


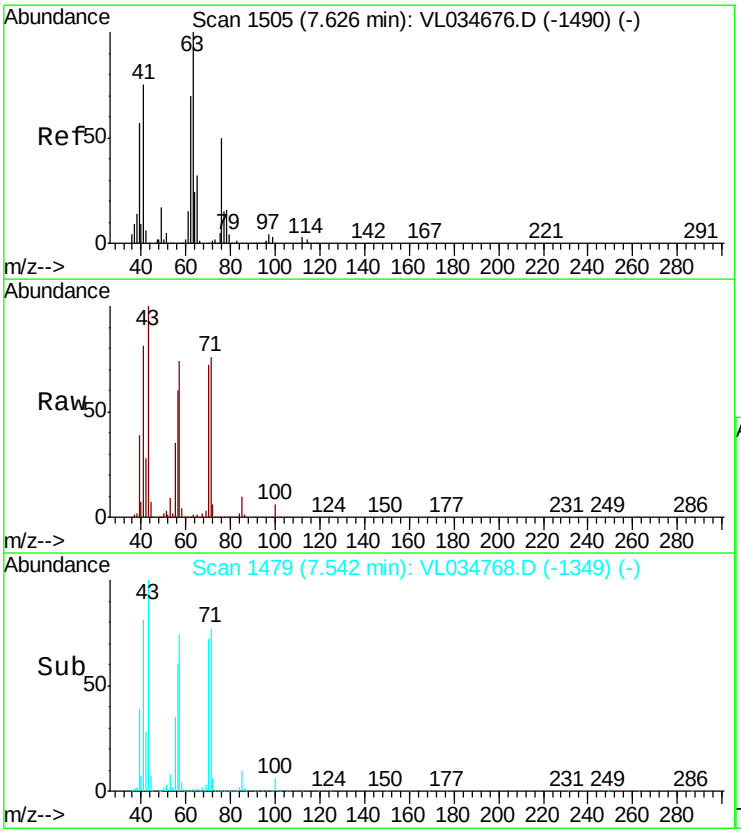
#37
1,2-Dichloroethane
Concen: 0.038 ppbv
RT: 6.36 min Scan# 1112
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 62 Resp: 4510

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.7	7.1#

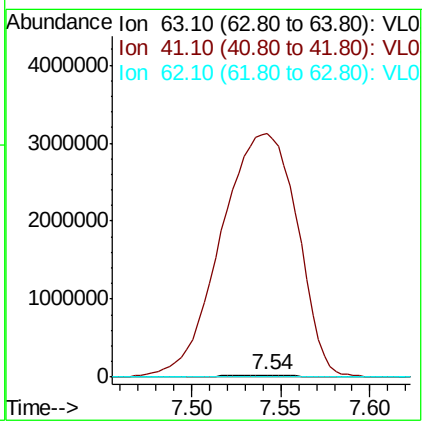


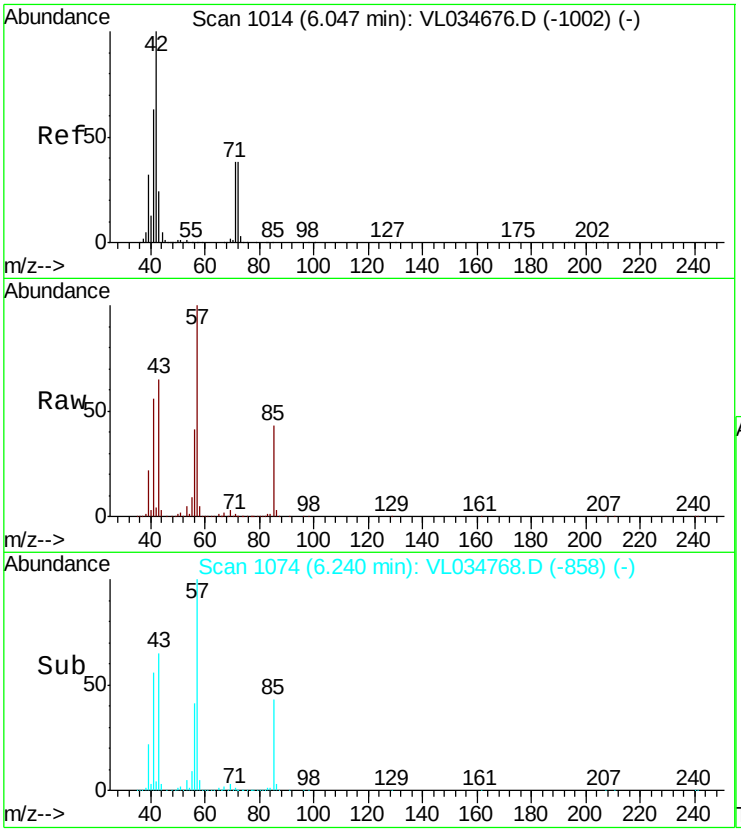


#39
1,2-Dichloropropane
Concen: 0.831 ppbv
RT: 7.54 min Scan# 1479
Delta R.T. -0.08 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 63 Resp: 62070

Ion	Ratio	Lower	Upper
63	100		
41	11693.1	60.2	90.4#
62	43.1	56.3	84.5#



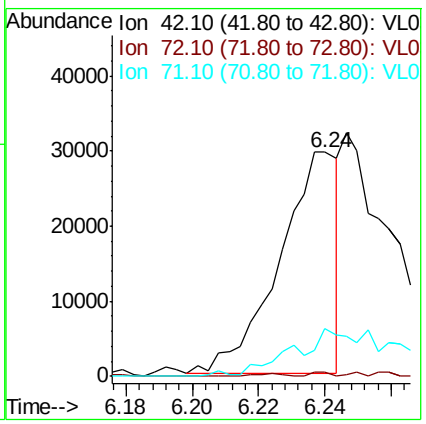


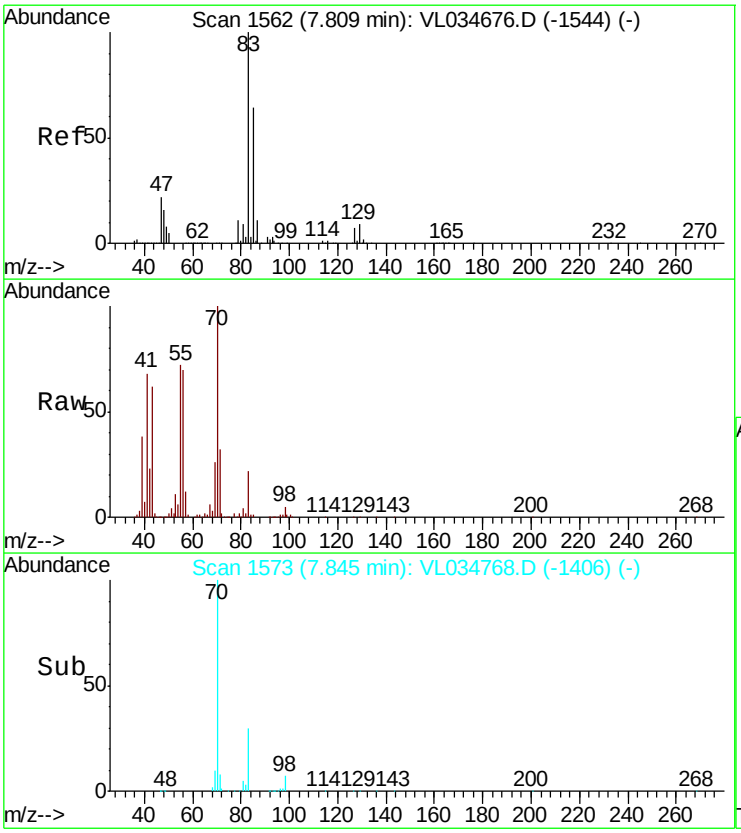
#41
Tetrahydrofuran
Concen: 0.502 ppbv
RT: 6.24 min Scan# 1074
Delta R.T. 0.19 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 42 Resp: 36245

Ion	Ratio	Lower	Upper
42	100		
72	1.2	31.7	47.5#
71	37.3	30.7	46.1

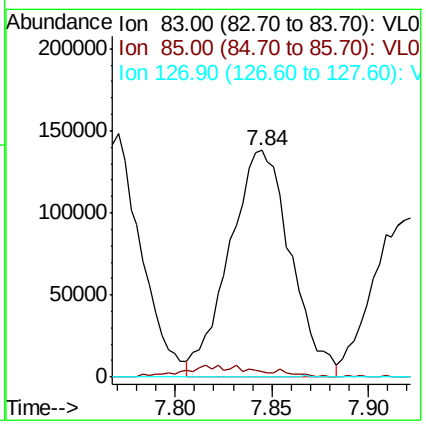


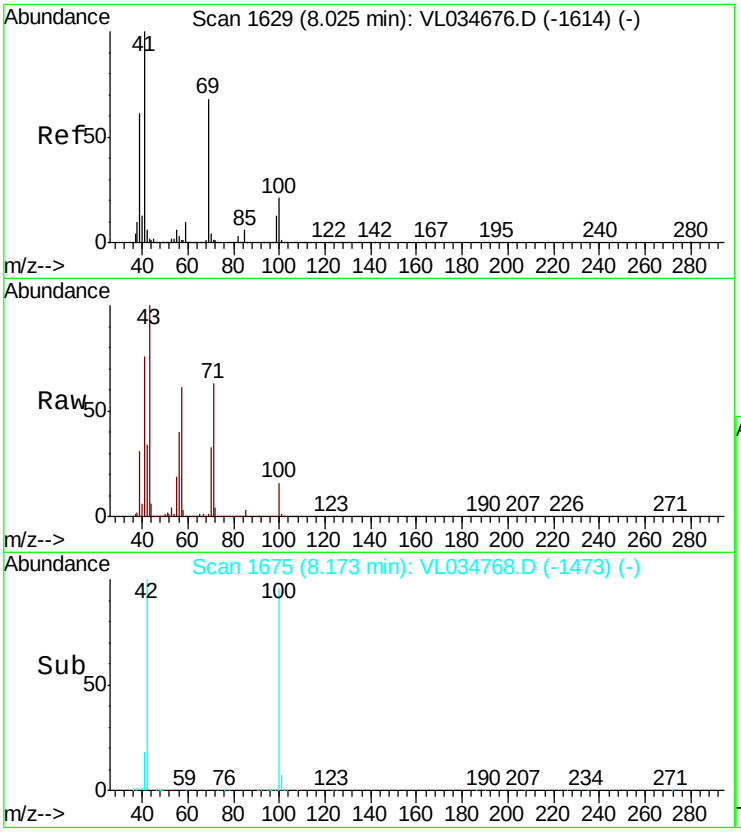


#42
Bromodichloromethane
Concen: 1.970 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 83 Resp: 305304

Ion	Ratio	Lower	Upper
83	100		
85	2.5	51.1	76.7#
127	0.0	5.8	8.8#



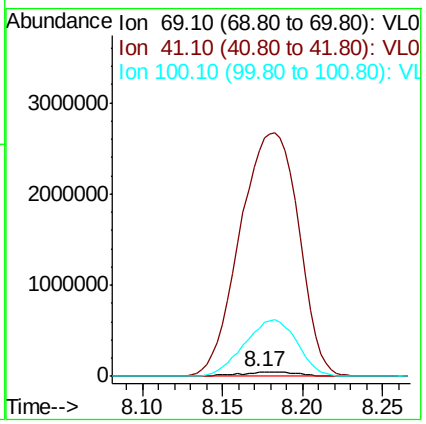


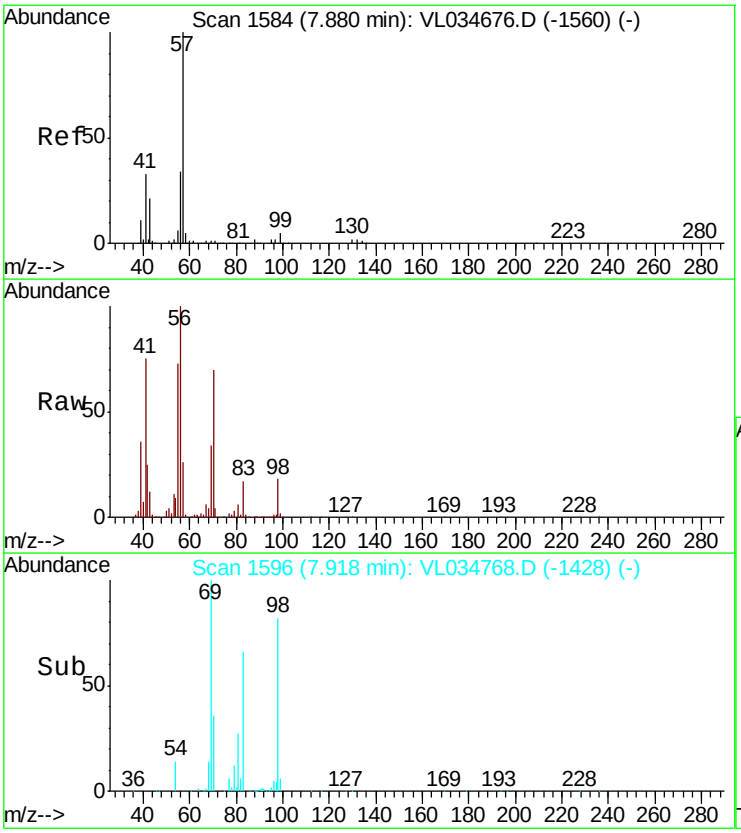
#43
Methyl Methacrylate
Concen: 1.529 ppbv
RT: 8.17 min Scan# 1675
Delta R.T. 0.15 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 69 Resp: 120799

Ion	Ratio	Lower	Upper
69	100		
41	5602.8	118.2	177.2#
100	1171.9	24.2	36.2#

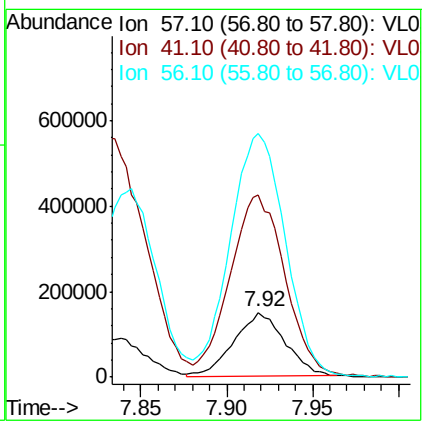


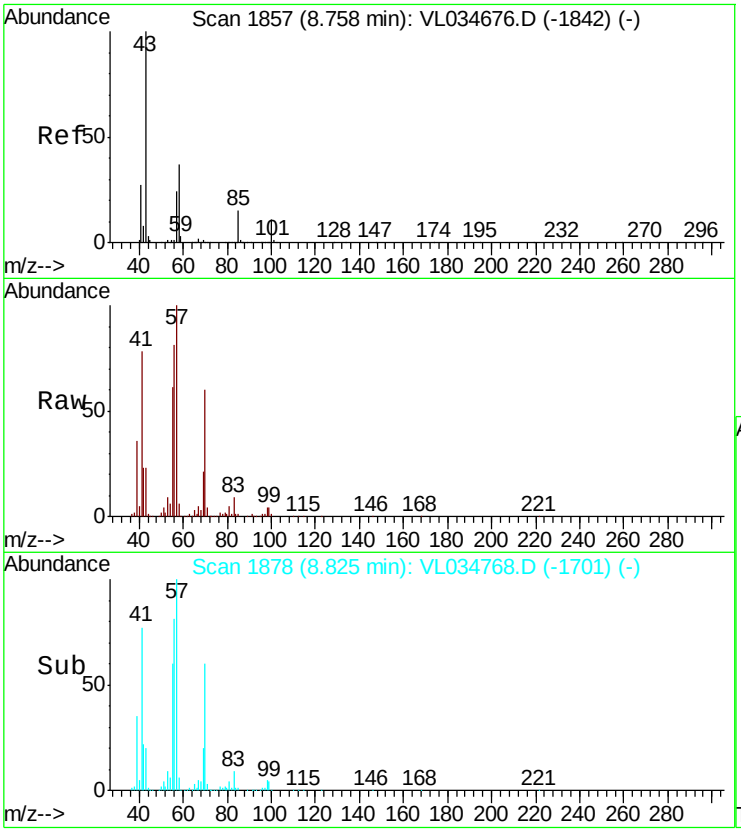


#44
2,2,4-Trimethylpentane
Concen: 0.930 ppbv
RT: 7.92 min Scan# 1596
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 57 Resp: 305135

Ion	Ratio	Lower	Upper
57	100		
41	315.2	26.0	39.0#
56	420.2	25.6	38.4#



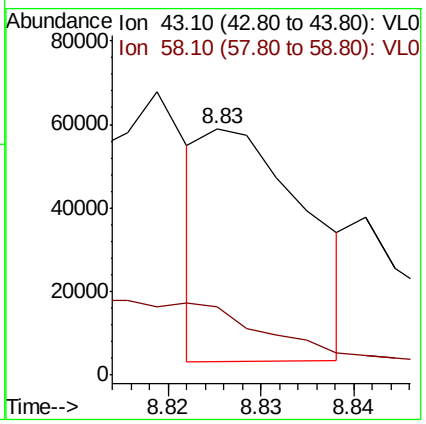


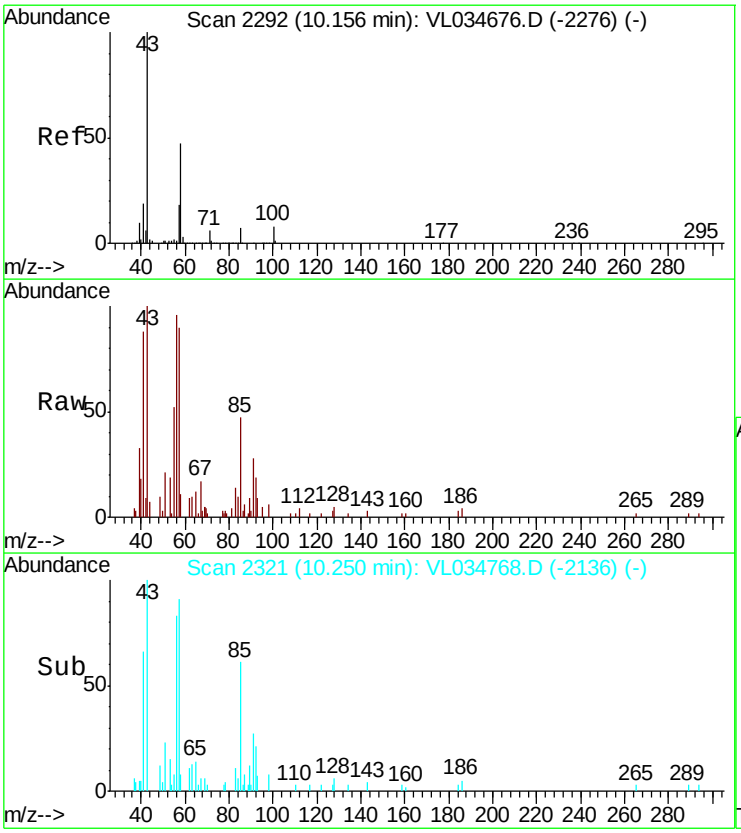
#50
4-Methyl-2-Pentanone
Concen: 0.219 ppbv
RT: 8.83 min Scan# 1878
Delta R.T. 0.07 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 43 Resp: 42498

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6#

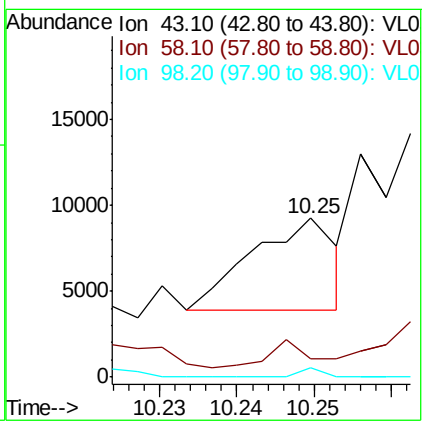


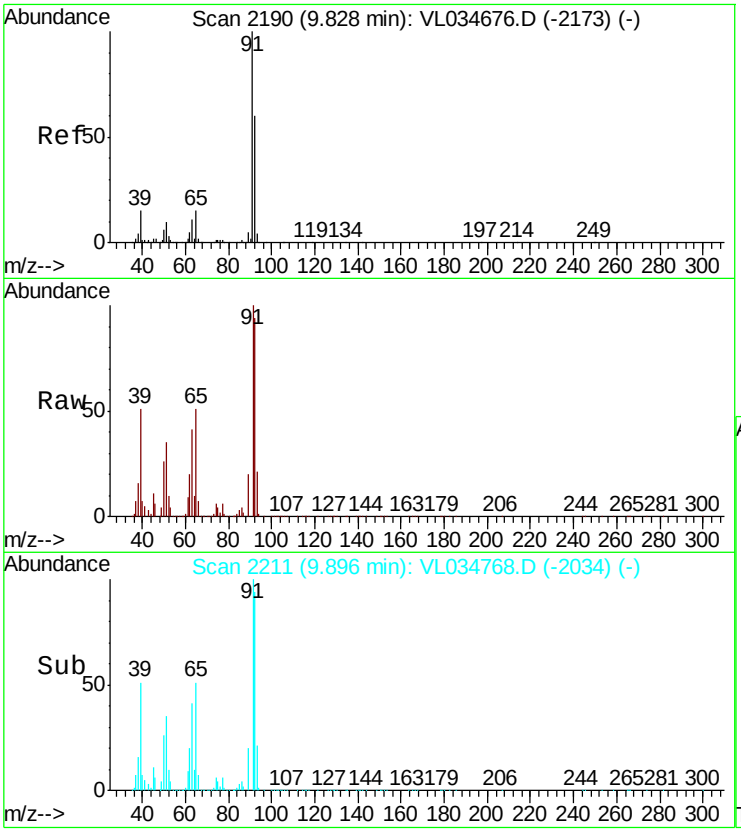


#51
2-Hexanone
Concen: 0.026 ppbv
RT: 10.25 min Scan# 2321
Delta R.T. 0.09 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 43 Resp: 4041

Ion	Ratio	Lower	Upper
43	100		
58	70.2	39.4	59.0#
98	0.0	0.2	0.2#



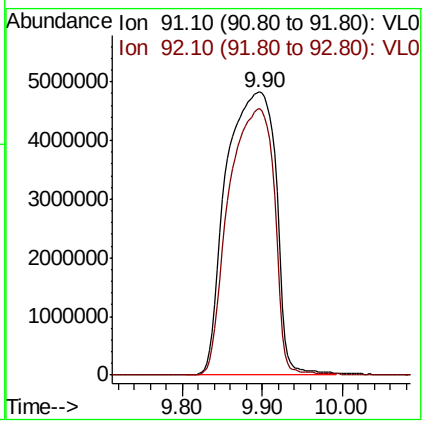


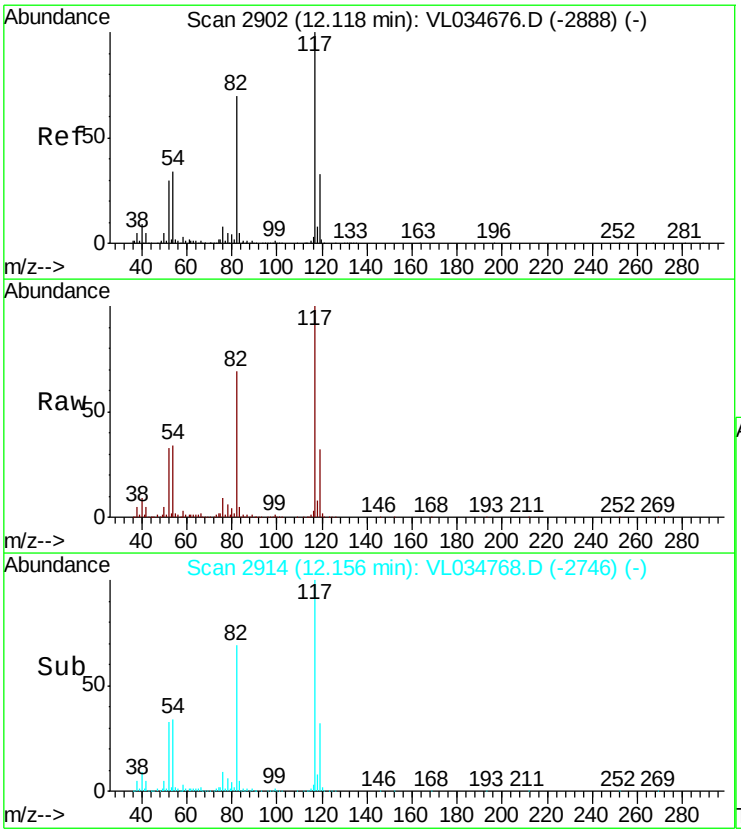
#53
Toluene
Concen: 102.632 ppbv
RT: 9.90 min Scan# 2211
Delta R.T. 0.07 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 91 Resp:20497939

Ion	Ratio	Lower	Upper
91	100		
92	86.2	48.5	72.7#

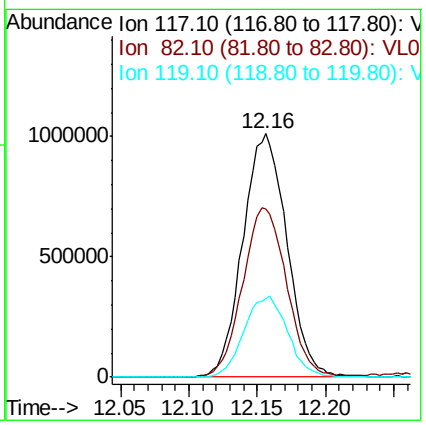


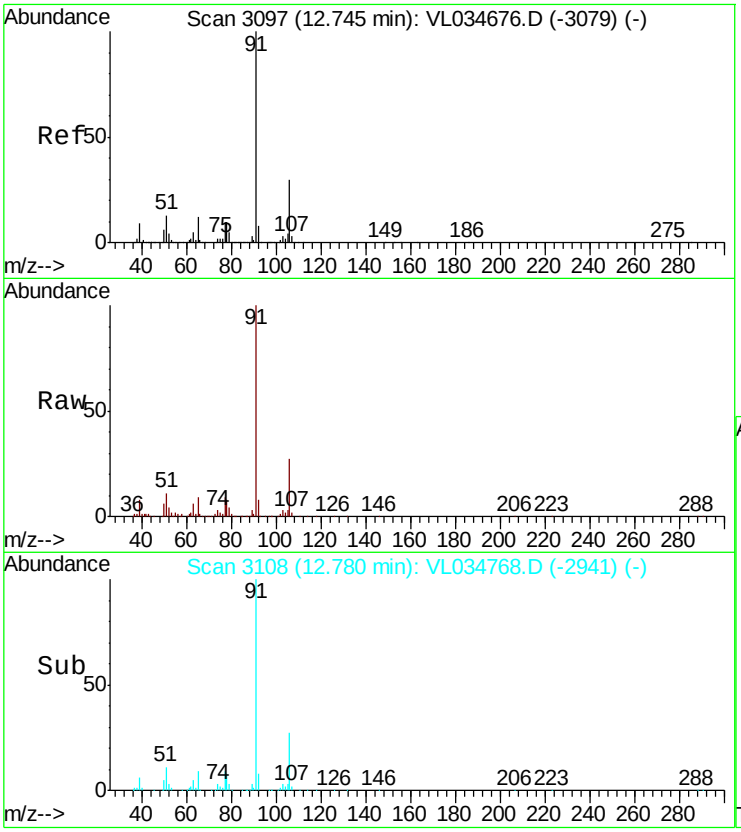


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:117 Resp: 2263144

Ion	Ratio	Lower	Upper
117	100		
82	69.9	54.1	81.1
119	33.1	27.6	41.4



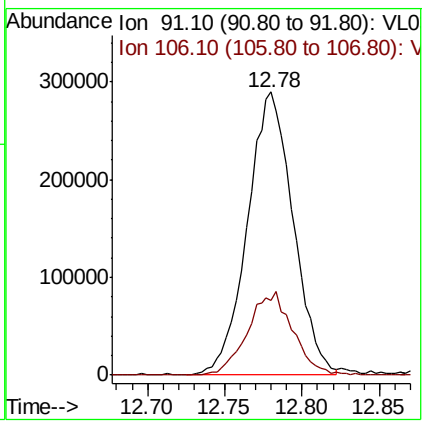


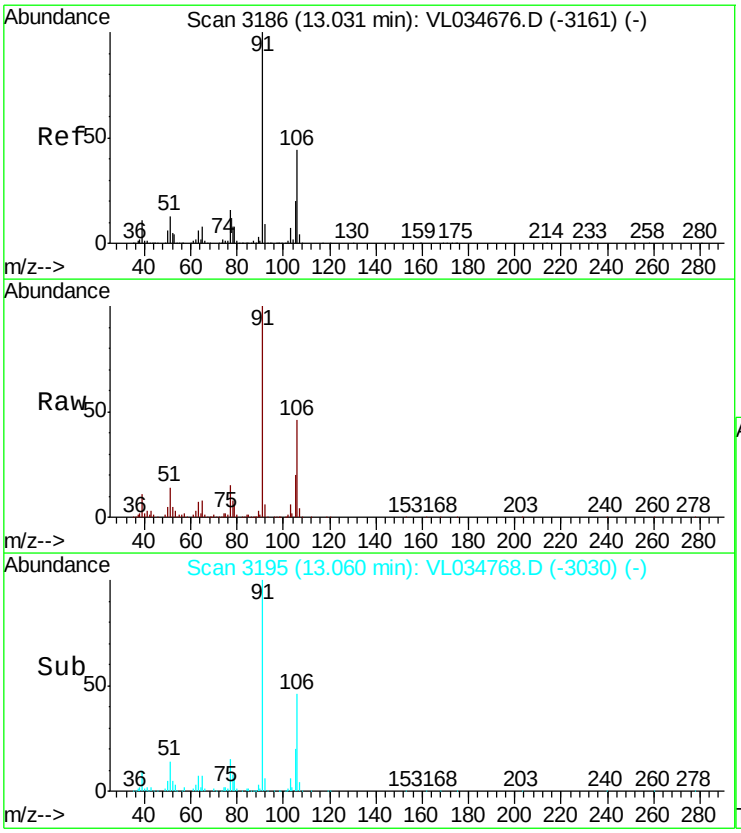
#58
Ethyl Benzene
Concen: 2.171 ppbv
RT: 12.78 min Scan# 3108
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 91 Resp: 594312

Ion	Ratio	Lower	Upper
91	100		
106	26.1	24.0	36.0

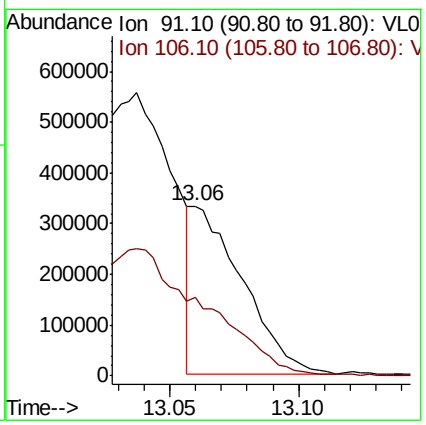


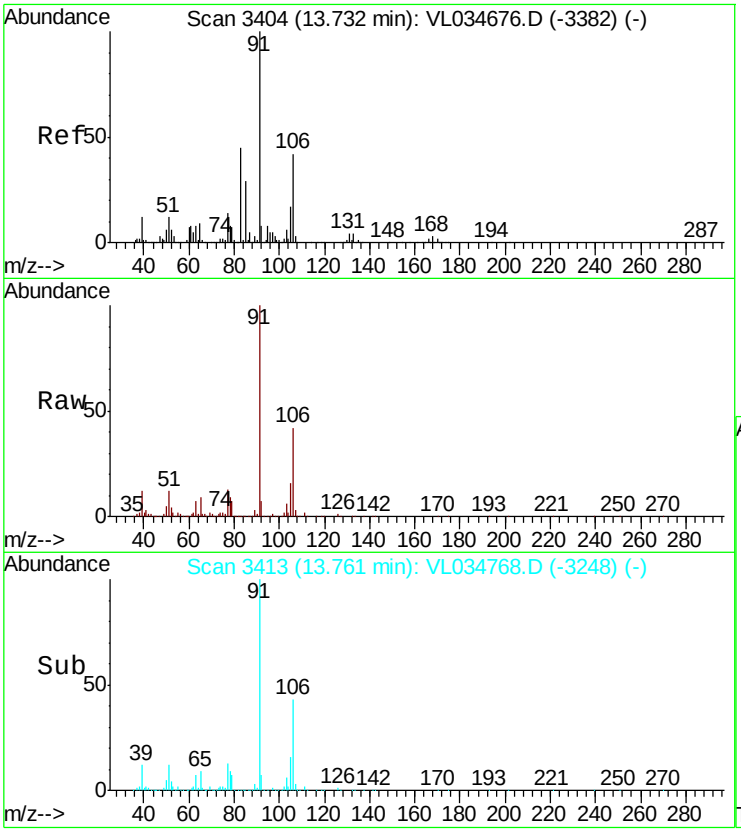


#59
m/p-Xylene
Concen: 1.877 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 91 Resp: 448309

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.6	53.4#



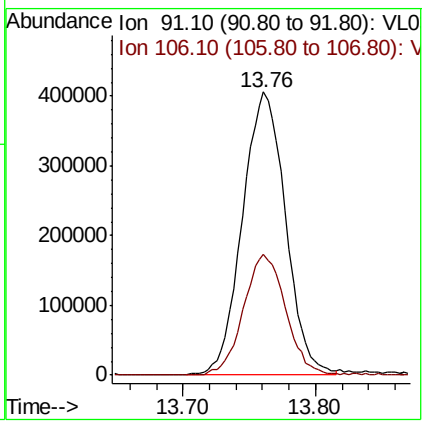


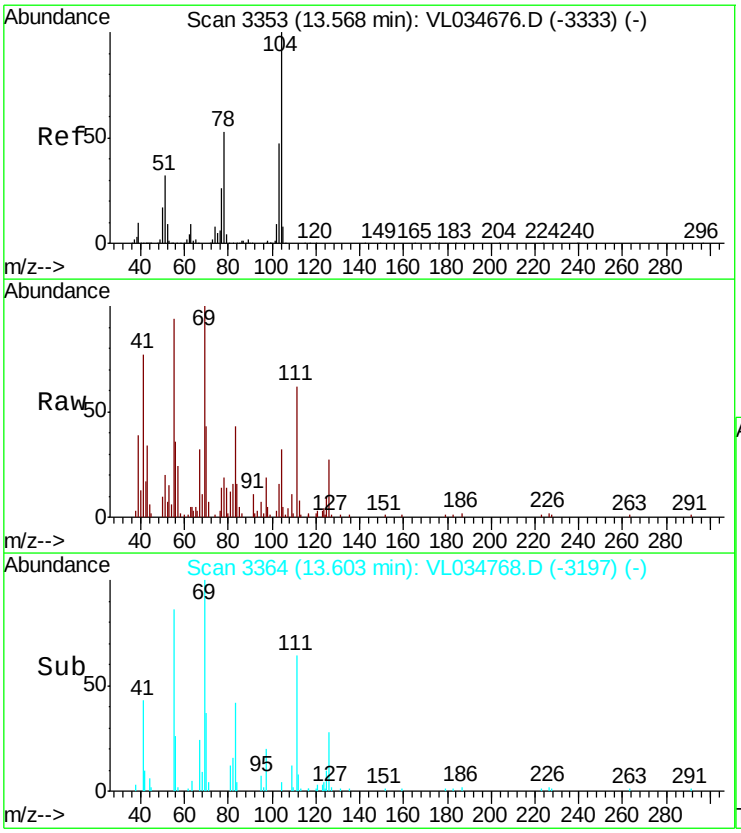
#60
o-Xylene
Concen: 3.877 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion: 91 Resp: 918830

Ion	Ratio	Lower	Upper
91	100		
106	41.8	21.9	65.5

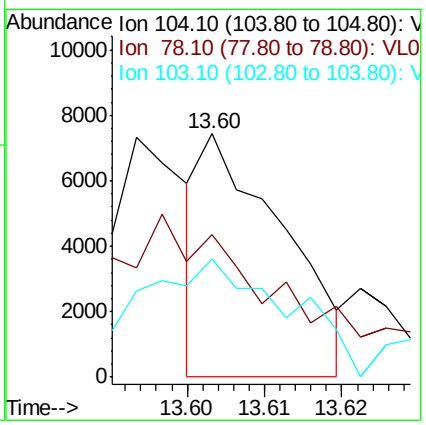


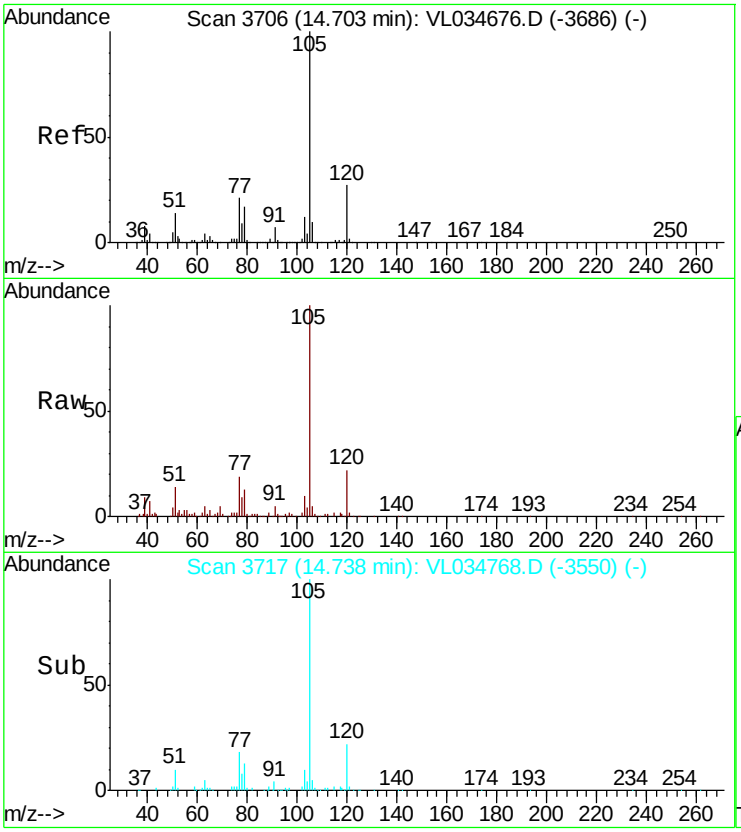


#61
Styrene
Concen: 0.036 ppbv
RT: 13.60 min Scan# 3364
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:104 Resp: 5514

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.2	66.4#
103	136.4	37.4	56.0#



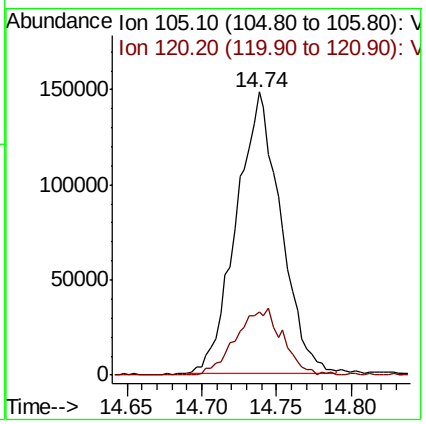


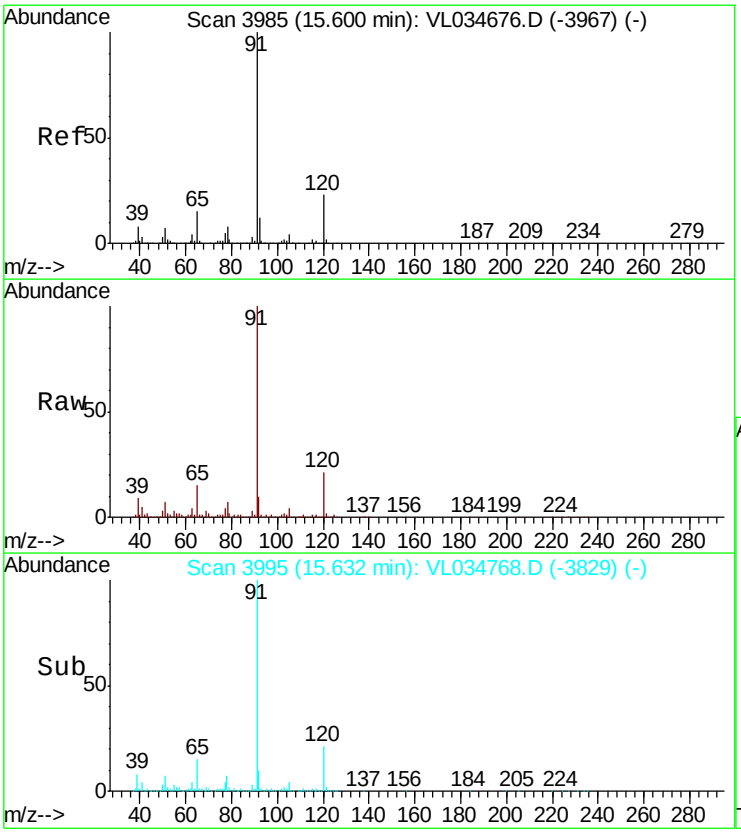
#62
Isopropylbenzene
Concen: 0.881 ppbv
RT: 14.74 min Scan# 3717
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion:105 Resp: 304606

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.2	30.4

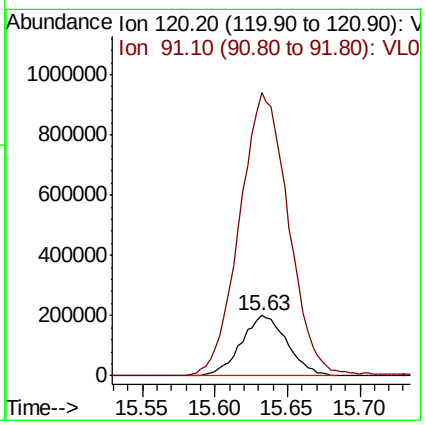


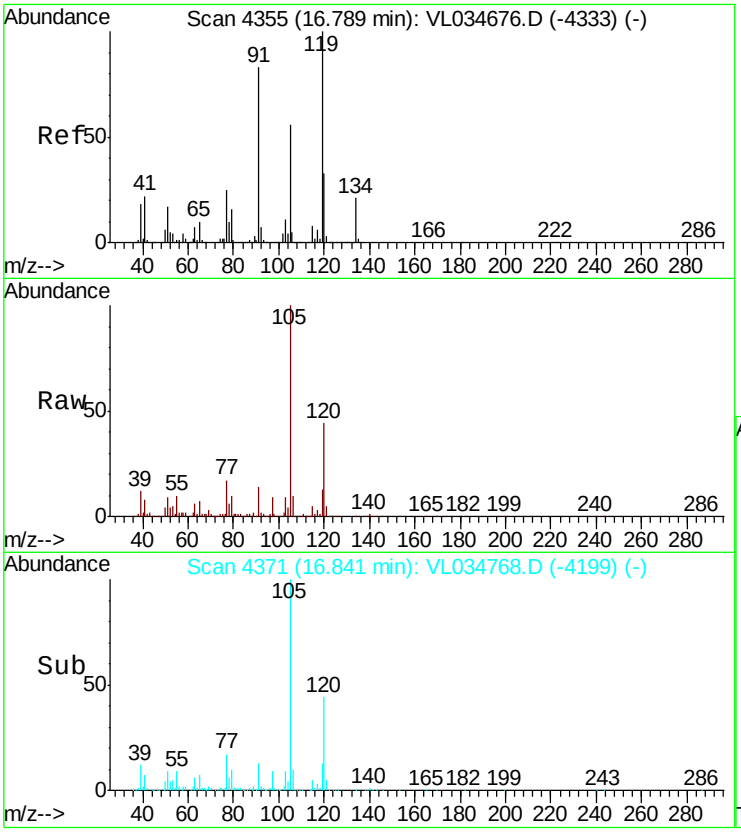


#64
n-propylbenzene
Concen: 4.889 ppbv
RT: 15.63 min Scan# 3995
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:120 Resp: 435689

Ion	Ratio	Lower	Upper
120	100		
91	509.2	369.8	554.8



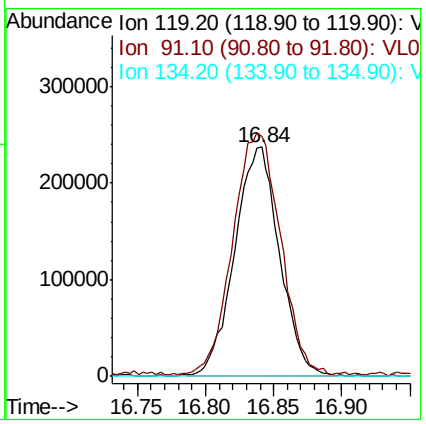


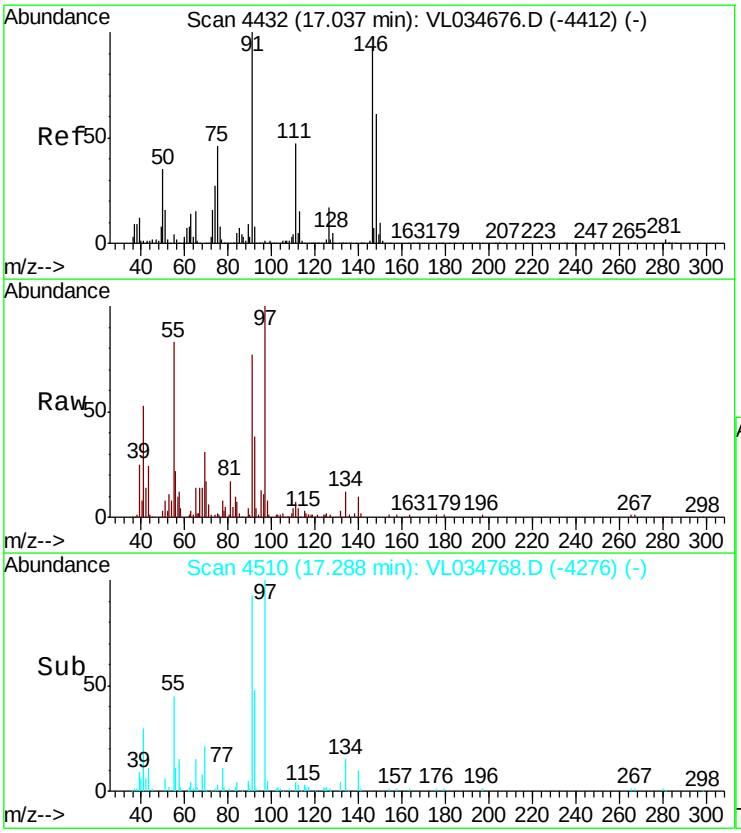
#65
tert-Butylbenzene
Concen: 1.793 ppbv
RT: 16.84 min Scan# 4371
Delta R.T. 0.05 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion:119 Resp: 535374

Ion	Ratio	Lower	Upper
119	100		
91	112.0	69.1	103.7#
134	0.2	15.8	23.8#

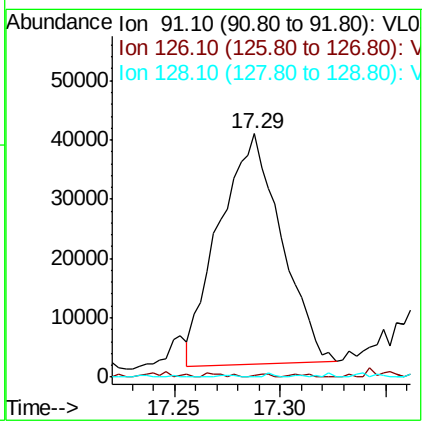


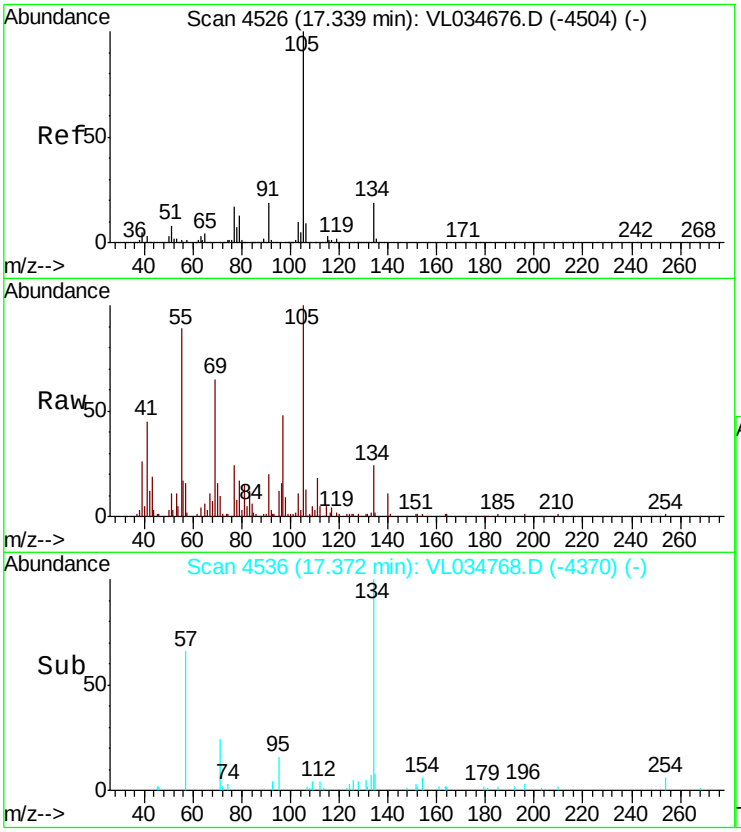


#66
Benzyl Chloride
Concen: 0.718 ppbv
RT: 17.29 min Scan# 4510
Delta R.T. 0.25 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 91 Resp: 79966

Ion	Ratio	Lower	Upper
91	100		
126	0.6	13.5	20.3#
128	0.6	4.2	6.4#



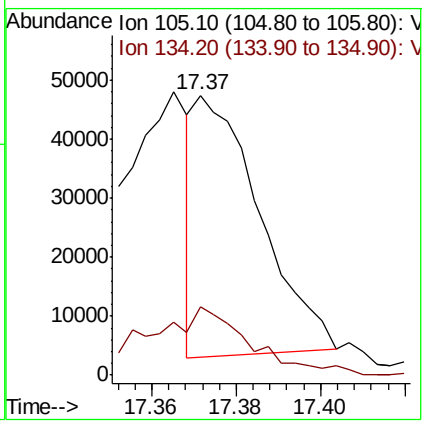


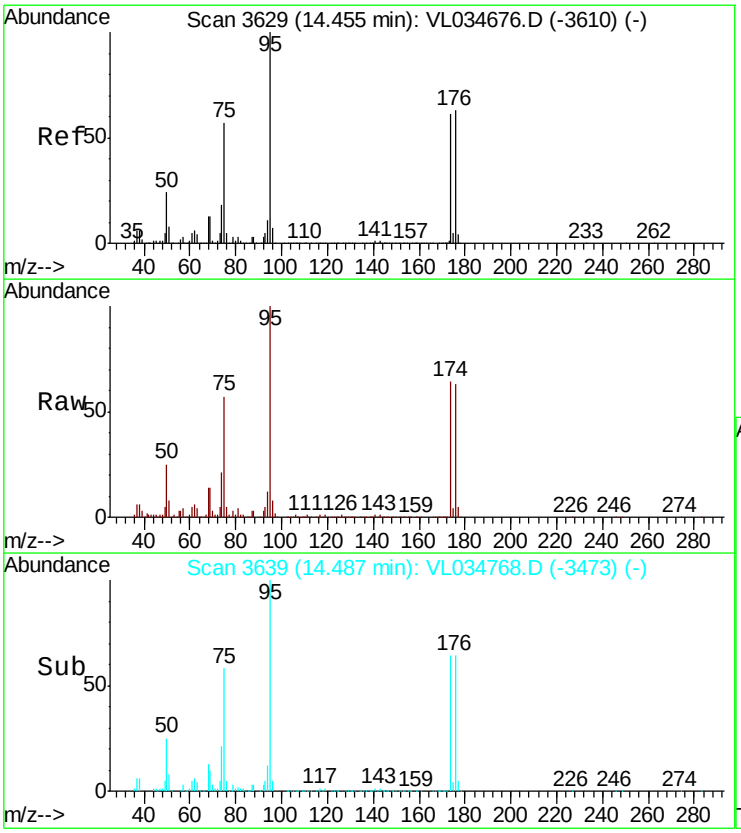
#67
sec-Butylbenzene
Concen: 0.109 ppbv
RT: 17.37 min Scan# 4536
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion:105 Resp: 46761

Ion	Ratio	Lower	Upper
105	100		
134	47.1	14.8	22.2#

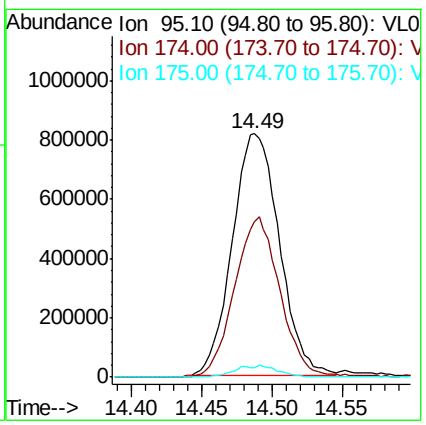


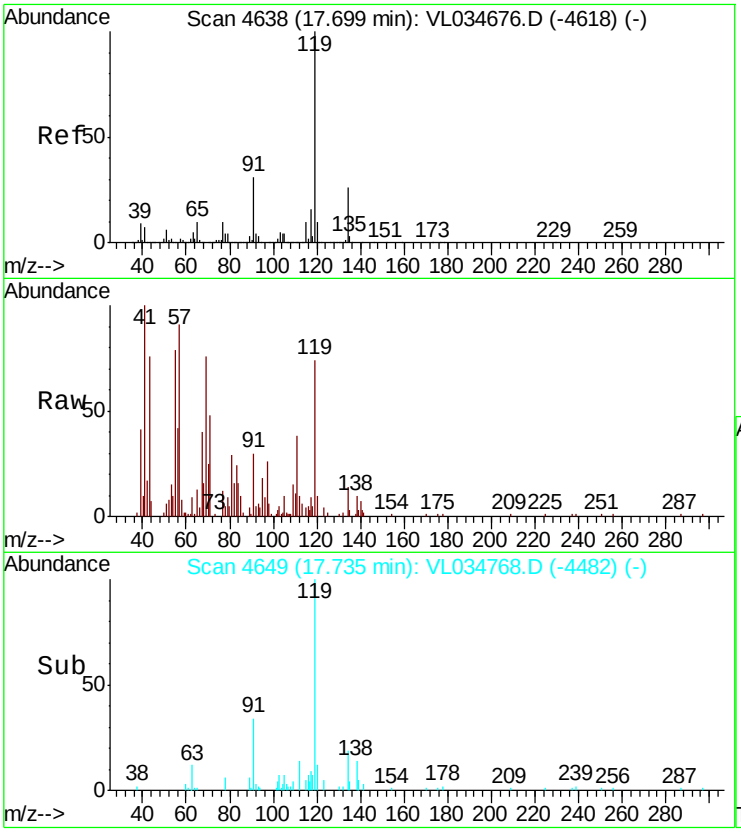


#68
1-Bromo-4-Fluorobenzene
Concen: 10.323 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 95 Resp: 1915633

Ion	Ratio	Lower	Upper
95	100		
174	63.9	50.7	76.1
175	4.6	3.9	5.9



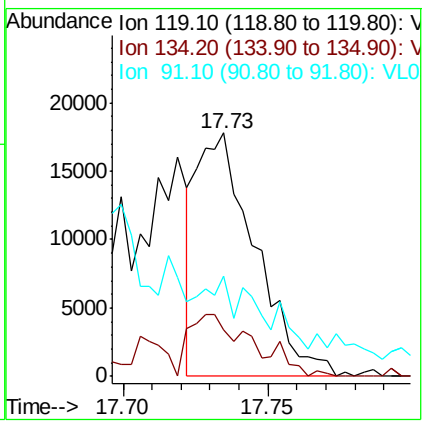


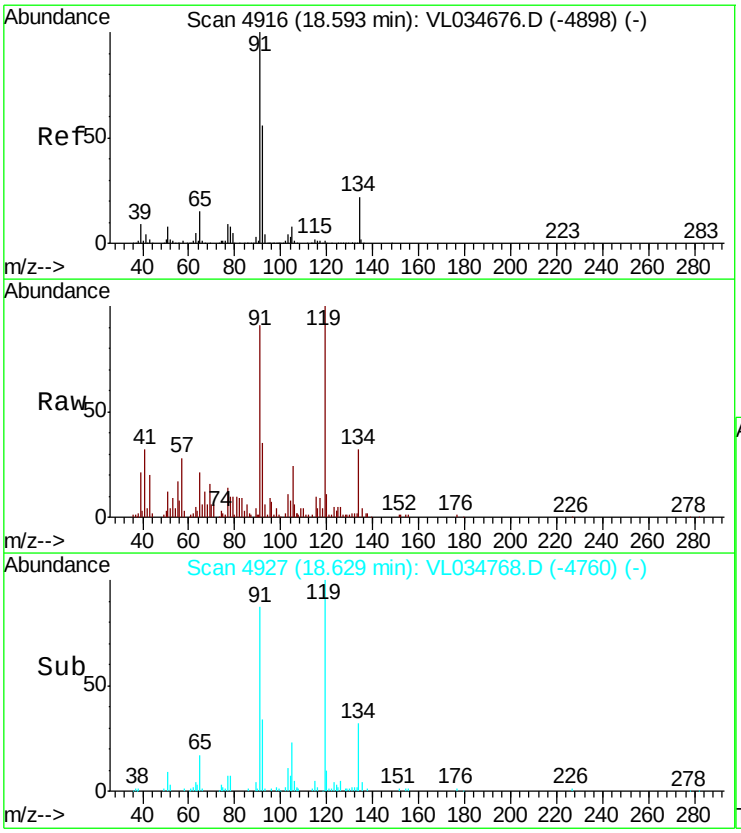
#69
p-Isopropyltoluene
Concen: 0.070 ppbv
RT: 17.73 min Scan# 4649
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion:119 Resp: 24847

Ion	Ratio	Lower	Upper
119	100		
134	39.6	20.6	31.0#
91	30.8	25.3	37.9

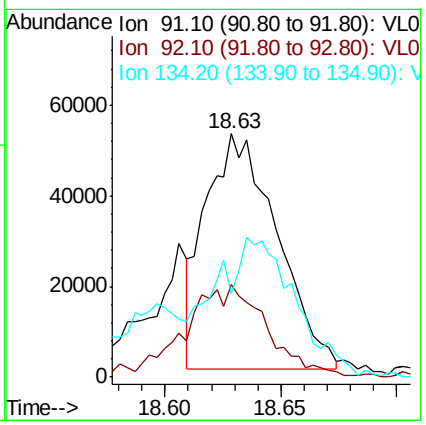


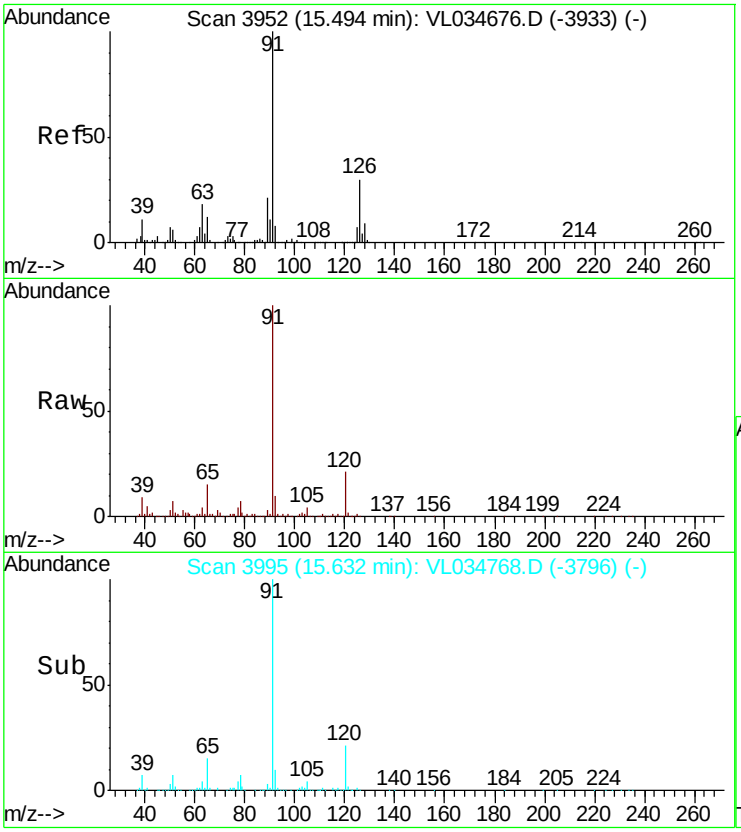


#70
n-Butylbenzene
Concen: 0.289 ppbv
RT: 18.63 min Scan# 4927
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion: 91 Resp: 111105

Ion	Ratio	Lower	Upper
91	100		
92	46.9	43.8	65.6
134	96.9	17.6	26.4#



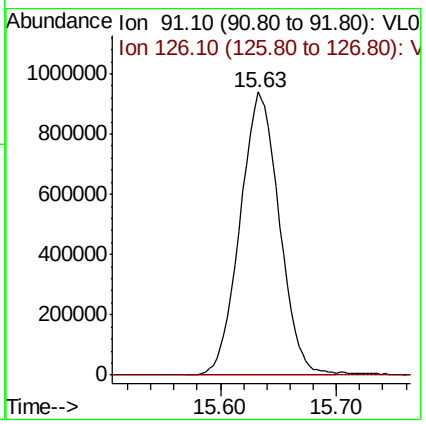


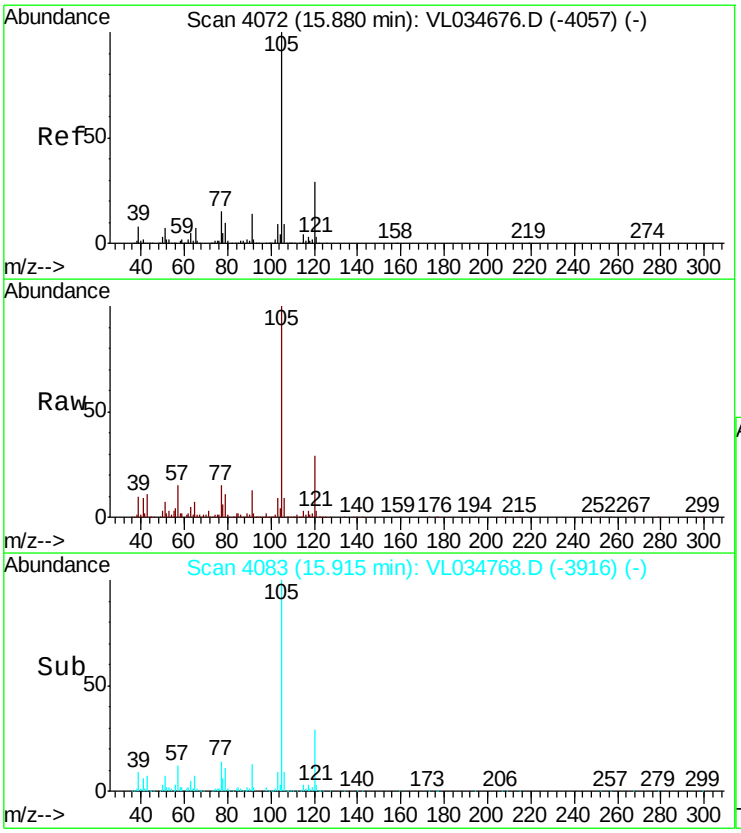
#71
2-Chlorotoluene
Concen: 8.202 ppbv
RT: 15.63 min Scan# 3995
Delta R.T. 0.14 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion: 91 Resp: 2196055

Ion	Ratio	Lower	Upper
91	100		
126	0.3	11.8	47.2#

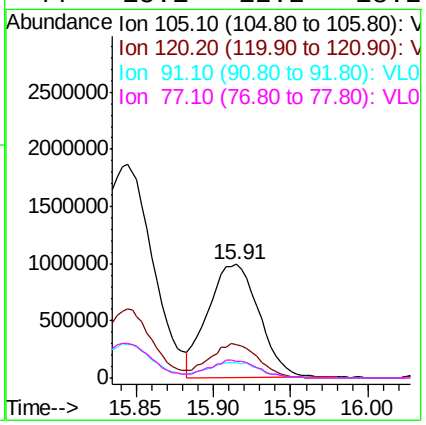


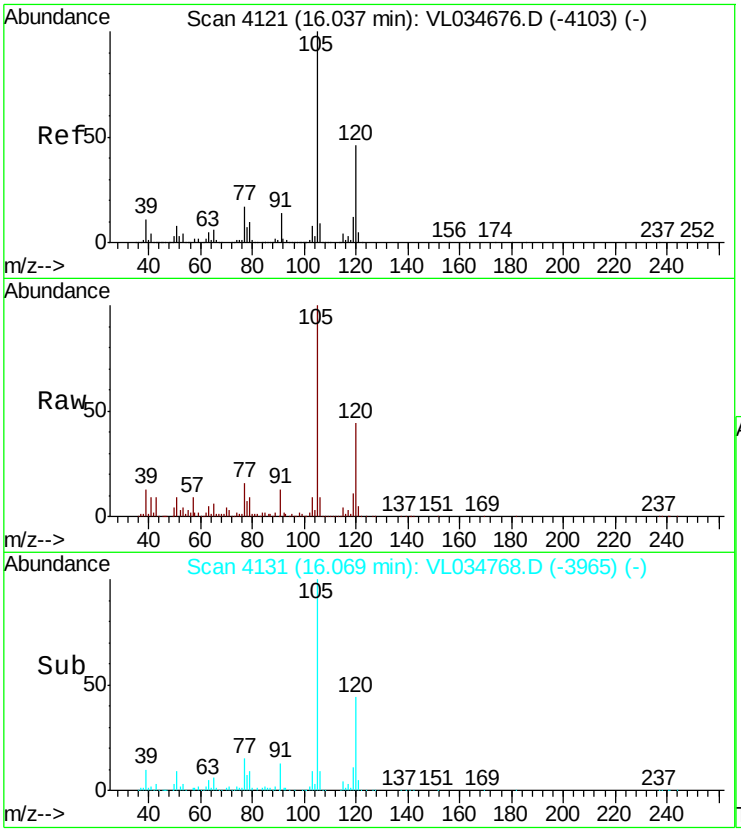


#72
4-Ethyltoluene
Concen: 8.678 ppbv
RT: 15.91 min Scan# 4083
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:105 Resp: 2288847

Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.7	35.5
91	13.8	10.9	16.3
77	15.1	12.2	18.2



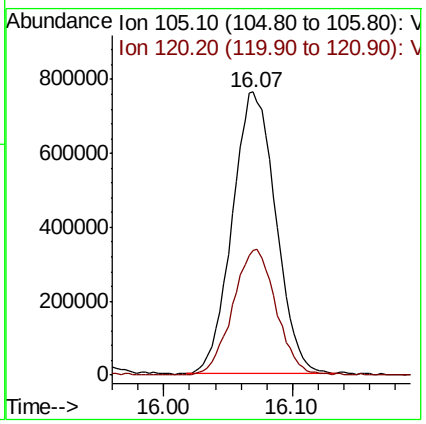


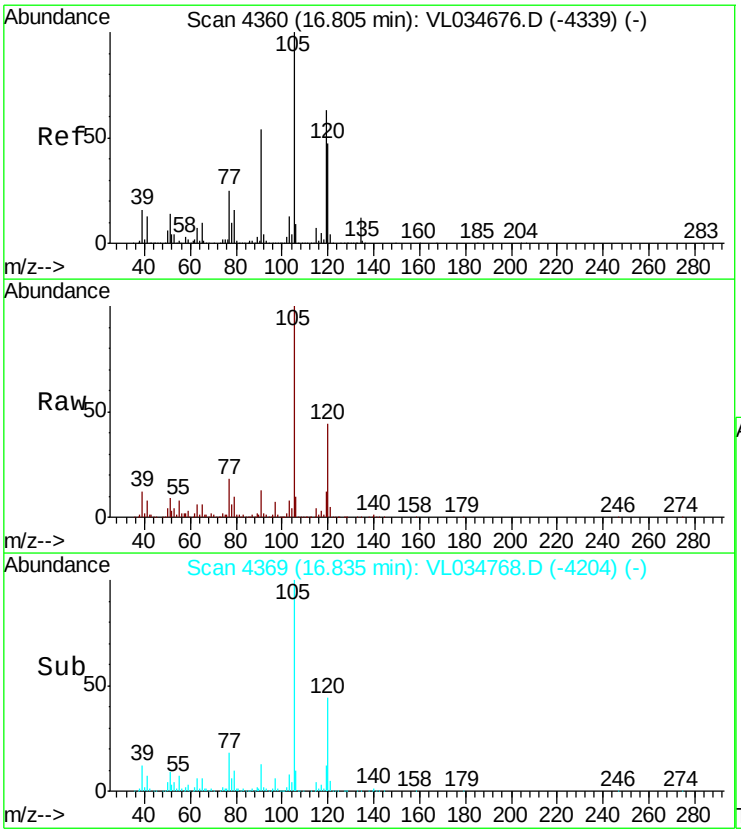
#73
1,3,5-Trimethylbenzene
Concen: 7.057 ppbv
RT: 16.07 min Scan# 4131
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument :
MSVOA_L
ClientSampleId :
IA-5-4

Tgt Ion:105 Resp: 1790568

Ion	Ratio	Lower	Upper
105	100		
120	44.2	37.1	55.7

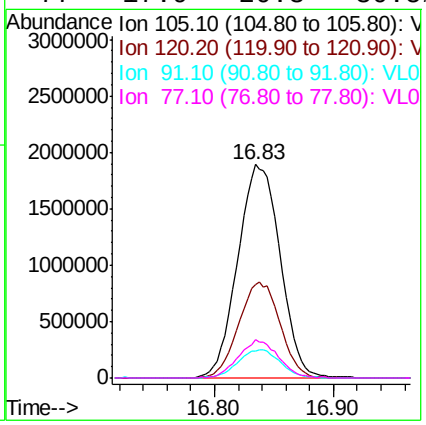


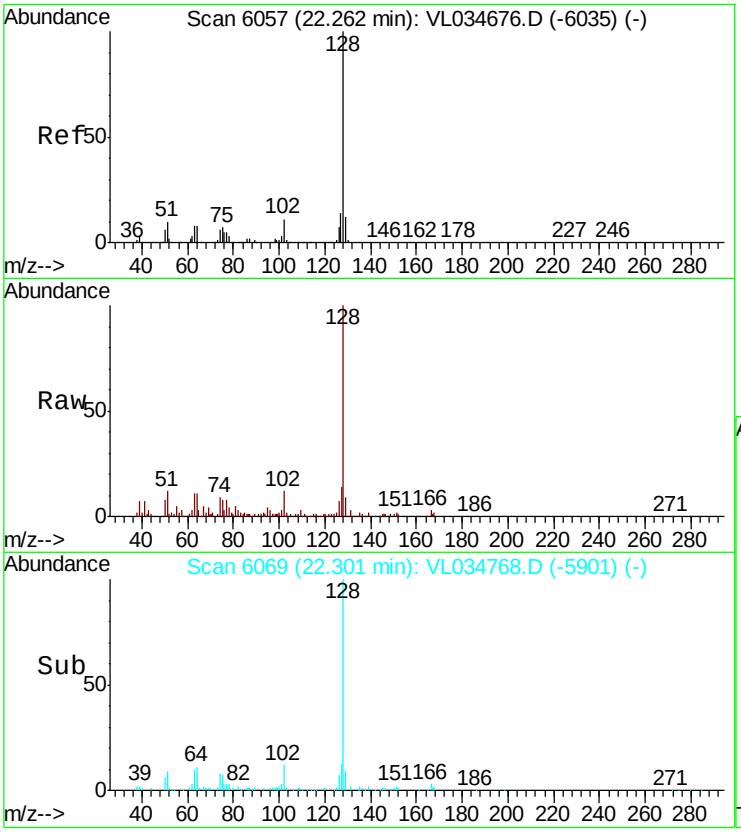


#74
1,2,4-Trimethylbenzene
Concen: 16.624 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:105 Resp: 4658493

Ion	Ratio	Lower	Upper
105	100		
120	43.9	37.9	56.9
91	12.7	43.9	65.9#
77	17.9	20.3	30.5#



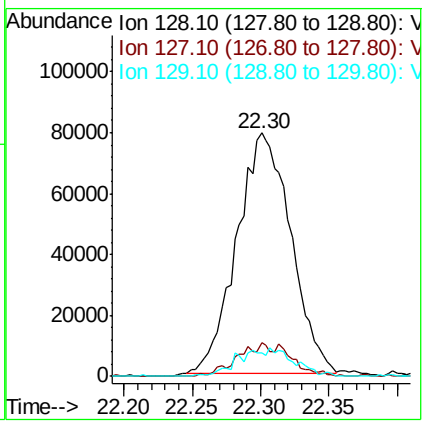


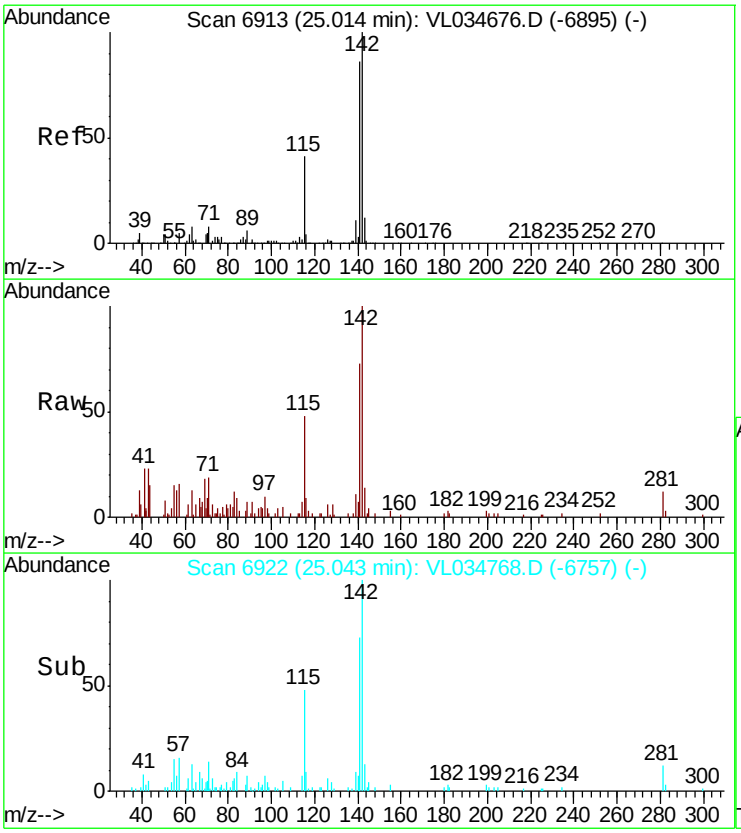
#79
Naphthalene
Concen: 0.881 ppbv
RT: 22.30 min Scan# 6069
Delta R.T. 0.04 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Instrument : MSVOA_L
ClientSampleId : IA-5-4

Tgt Ion:128 Resp: 217310

Ion	Ratio	Lower	Upper
128	100		
127	14.0	11.0	16.6
129	9.3	9.4	14.2#





#80
Naphthalene,2-methyl-
Concen: 0.379 ppbv
RT: 25.04 min Scan# 6922
Delta R.T. 0.03 min
Lab File: VL034768.D
Acq: 3 Mar 2020 17:49

Tgt Ion:142 Resp: 28850

Ion	Ratio	Lower	Upper
142	100		
141	84.5	66.5	99.7
115	55.1	30.6	46.0#