Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034060.D
Acq On : 30 Jul 2019 11:25
Operator : SY/AP
Sample : K4033-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:11:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.72	49	1038998	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.25	114	3853614	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.19	117	3229920	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.52	95	2619240	10.26	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	20560	0.103	ppbv		96
3) Chlorodifluoromethane	2.99	51	166183	1.386	ppbv		98
4) Chloromethane	3.15	50	32126	0.457	ppbv		98
5) Vinyl Chloride	3.26	62	2439	0.031	ppbv	#	71
7) Chloroethane	3.57	64	2807	0.089	ppbv		97
9) Propene	3.01	41	765376	17.776	ppbv		92
10) Heptane	8.20	43	510672	4.349	ppbv		97
11) Trichlorofluoromethane	3.98	101	24404	0.110	ppbv		88
13) Ethanol	3.64	45	627703	36.628	ppbv		95
15) Acetone	3.87	43	1968080	12.459	ppbv		94
16) 1,3-Butadiene	3.36	39	232851	3.796	ppbv	#	52
19) Isopropyl Alcohol	4.02	45	61538	0.570	ppbv	#	1
20) Methylene Chloride	4.38	84	260717	4.315	ppbv		98
21) Allyl Chloride	4.40	41	19725	0.198	ppbv	#	18
23) Vinyl Acetate	5.10	43	422626	2.498	ppbv	#	1
25) Ethyl Acetate	5.74	43	568129	2.419	ppbv	#	77
26) Hexane	5.74	57	878400	8.270	ppbv	#	39
27) Carbon Disulfide	4.58	76	888433	5.371	ppbv		95
29) Chloroform	5.81	83	177670	0.916	ppbv		93
30) Cyclohexane	7.20	84	1633851	15.139	ppbv		98
32) 1,1,1-Trichloroethane	6.58	97	170785	0.839	ppbv		98
34) 2-Butanone	5.29	43	509599	3.213	ppbv		97
35) Carbon Tetrachloride	7.09	117	18137	0.067	ppbv	#	91
36) Benzene	6.96	78	1461373	5.697	ppbv		98
38) Trichloroethene	7.91	130	5984	0.056	ppbv	#	47
39) 1,2-Dichloropropane	7.25	63	964397	9.264	ppbv	#	23
41) Tetrahydrofuran	6.02	42	2951	0.037	ppbv	#	39
42) Bromodichloromethane	7.87	83	45161	0.185	ppbv	#	47
44) 2,2,4-Trimethylpentane	7.94	57	580048	1.362	ppbv	#	62
51) 2-Hexanone	10.24	43	10630	0.054	ppbv	#	1
52) Tetrachloroethene	11.32	164	191720	1.906	ppbv	#	84
53) Toluene	9.90	91	19550277	73.041	ppbv		92
57) Chlorobenzene	12.25	112	10094	0.040	ppbv	#	36
58) Ethyl Benzene	12.82	91	4829774	12.635	ppbv		99
59) m/p-Xylene	13.07	91	14619462	42.073	ppbv		96
60) o-Xylene	13.80	91	5820372	16.853	ppbv		99
61) Styrene	13.64	104	1041247	4.566	ppbv		100
62) Isopropylbenzene	14.78	105	1203140	2.600	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.87	83	19638	0.074	ppbv	#	52
64) n-propylbenzene	15.68	120	593691	4.955	ppbv		97
65) tert-Butylbenzene	16.88	119	1088813	2.553	ppbv	#	71

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034060.D
Acq On : 30 Jul 2019 11:25
Operator : SY/AP
Sample : K4033-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:11:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) Benzyl Chloride	17.32	91	48697	0.228	ppbv	#	95
67) sec-Butylbenzene	17.07	105	40592	0.067	ppbv		95
69) p-Isopropyltoluene	17.77	119	96112	0.194	ppbv	#	54
70) n-Butylbenzene	18.67	91	602050	1.151	ppbv	#	47
71) 2-Chlorotoluene	15.67	91	2862138	8.520	ppbv	#	46
72) 4-Ethyltoluene	15.95	105	3503079	8.970	ppbv		99
73) 1,3,5-Trimethylbenzene	16.11	105	2311624	5.816	ppbv		100
74) 1,2,4-Trimethylbenzene	16.88	105	9640535	22.080	ppbv	#	84
79) Naphthalene	22.34	128	342181	0.899	ppbv	#	95
80) Naphthalene,2-methyl-	25.07	142	19556	0.147	ppbv	#	92

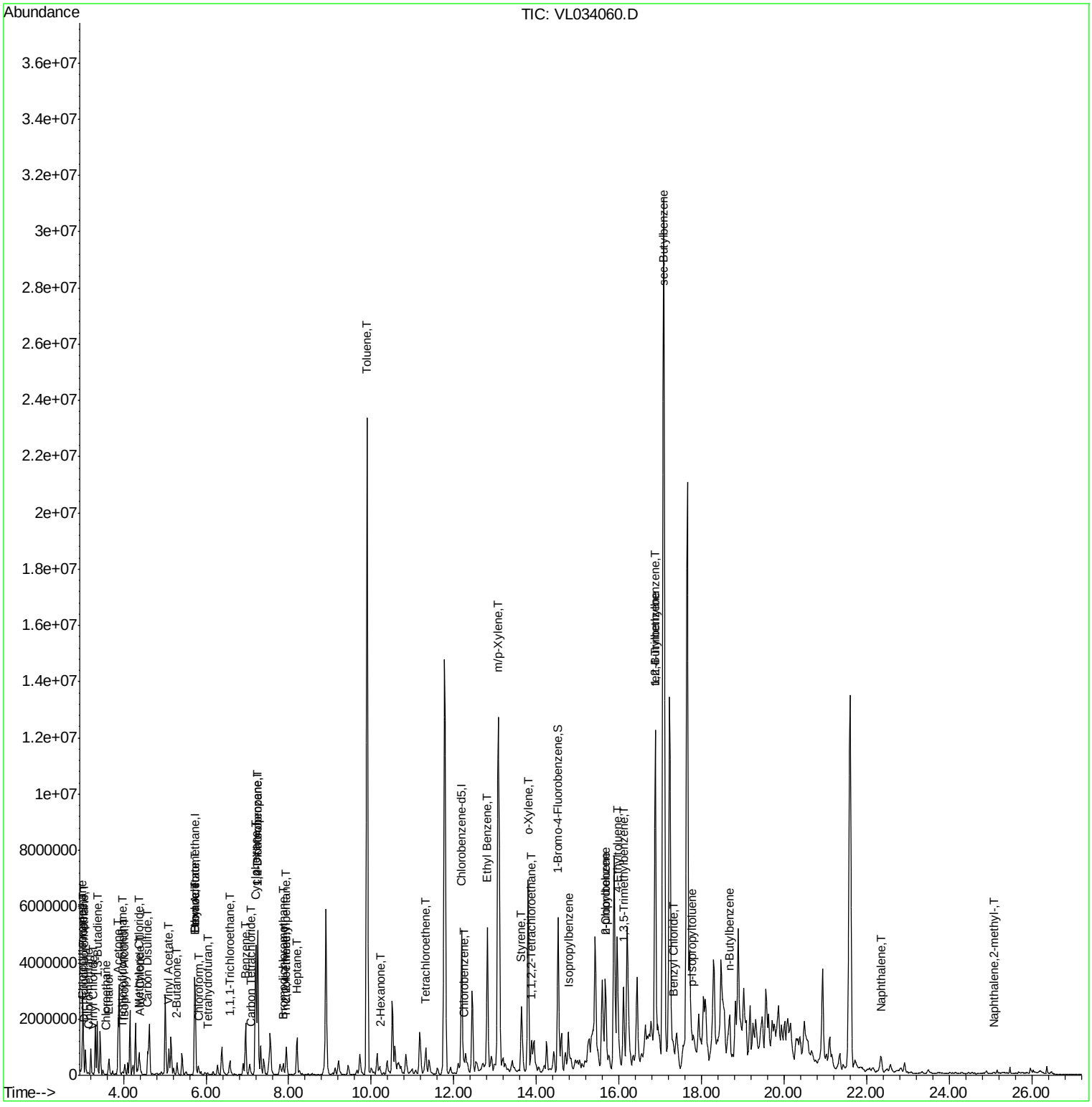
(#) = qualifier out of range (m) = manual integration (+) = signals summed

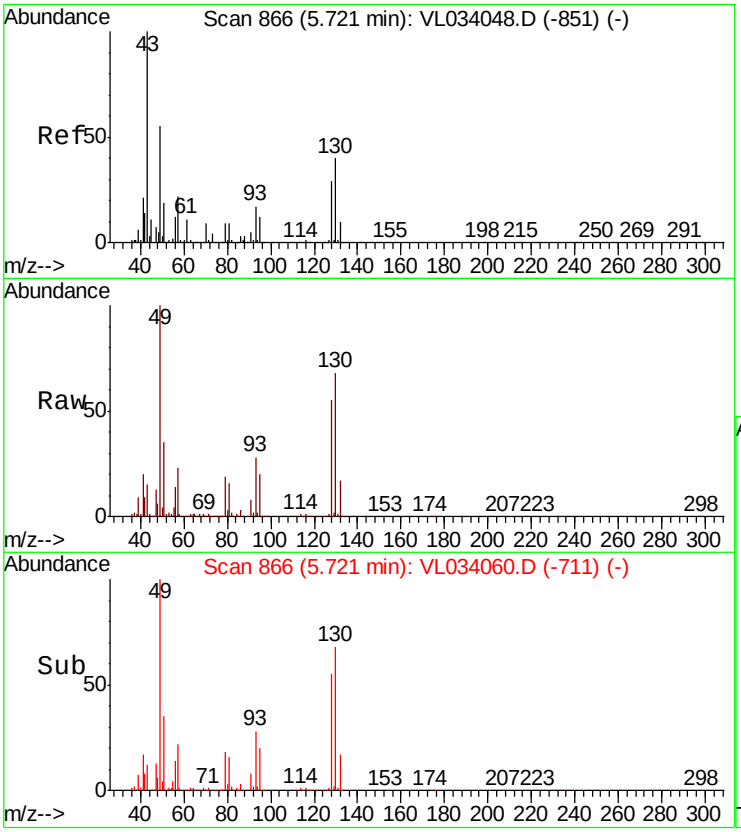
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034060.D
Acq On : 30 Jul 2019 11:25
Operator : SY/AP
Sample : K4033-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:11:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration



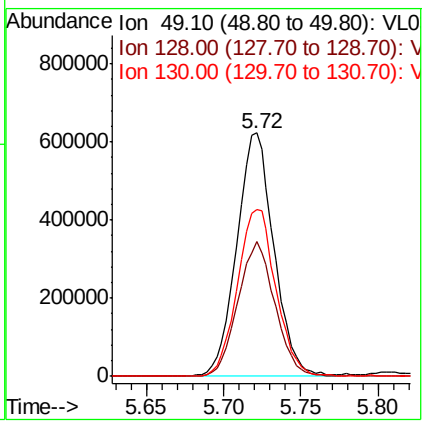


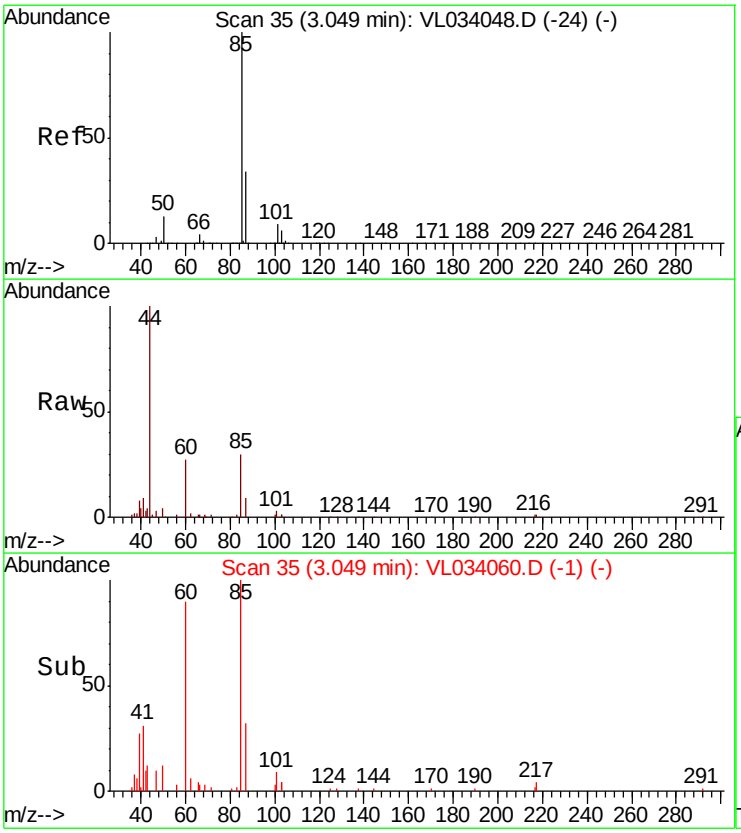
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.72 min Scan# 866
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1038998

Ion	Ratio	Lower	Upper
49	100		
128	55.3	27.0	81.0
130	71.3	35.0	105.0

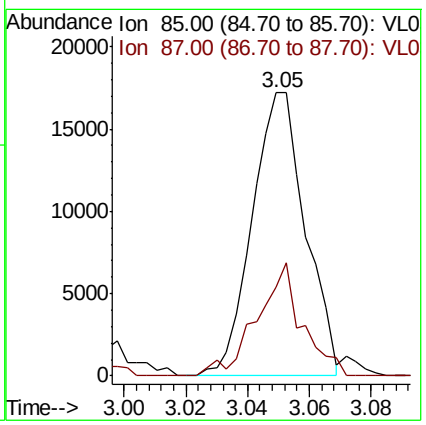


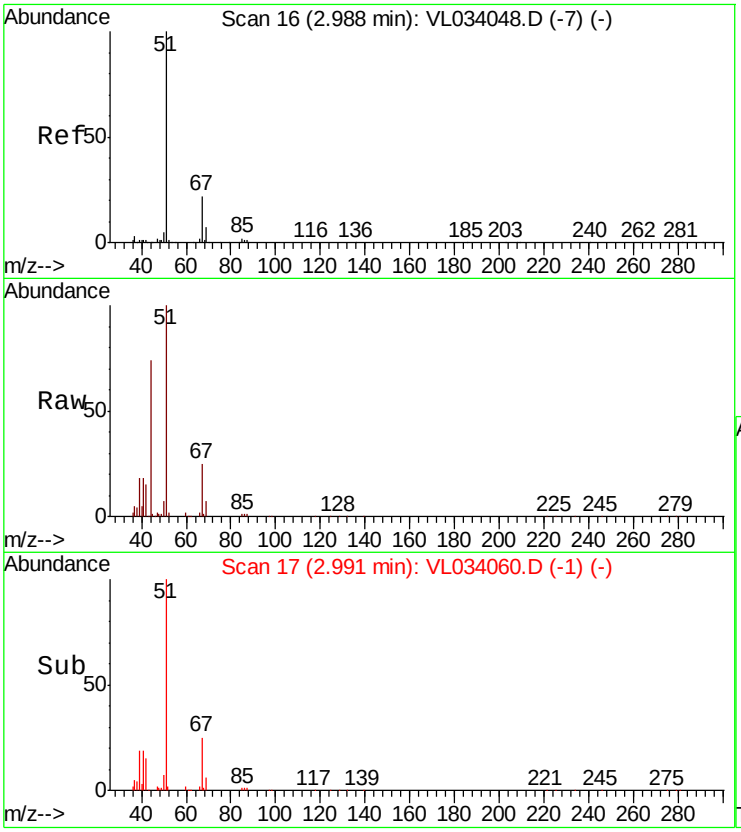


#2
Dichlorodifluoromethane
Concen: 0.103 ppbv
RT: 3.05 min Scan# 35
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 85 Resp: 20560

Ion	Ratio	Lower	Upper
85	100		
87	31.6	27.0	40.4



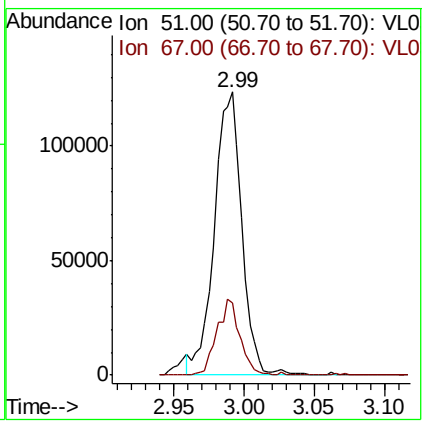


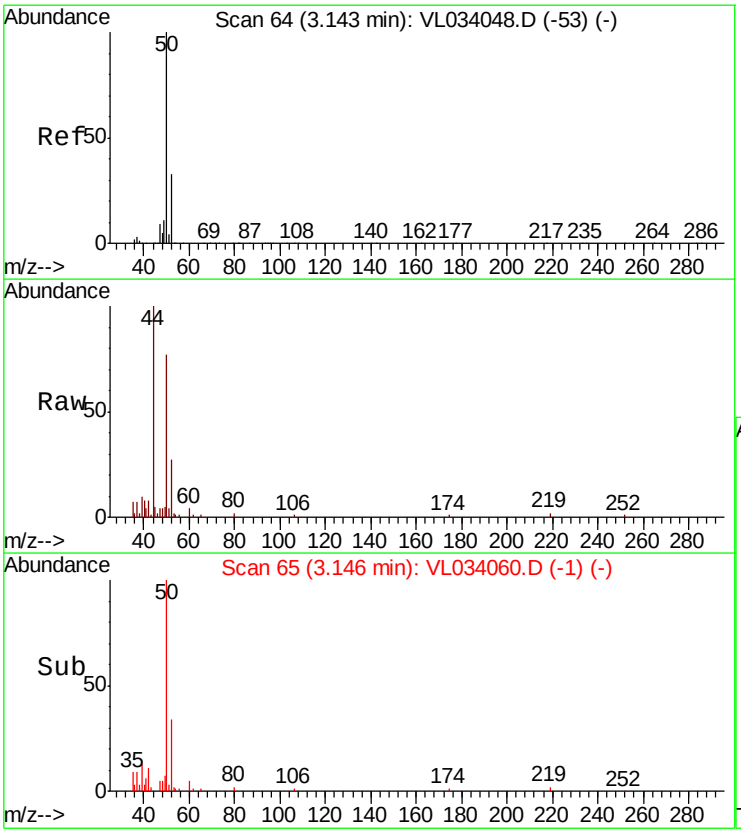
#3
Chlorodifluoromethane
Concen: 1.386 ppbv
RT: 2.99 min Scan# 17
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 166183

Ion	Ratio	Lower	Upper
51	100		
67	22.7	17.4	26.0

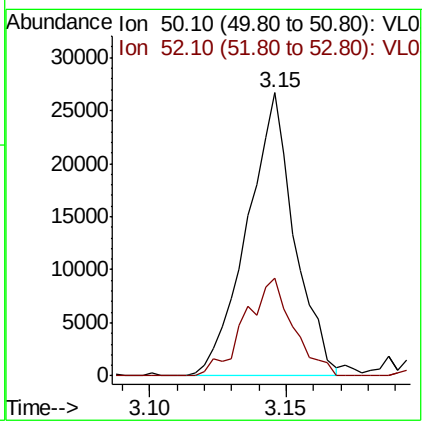


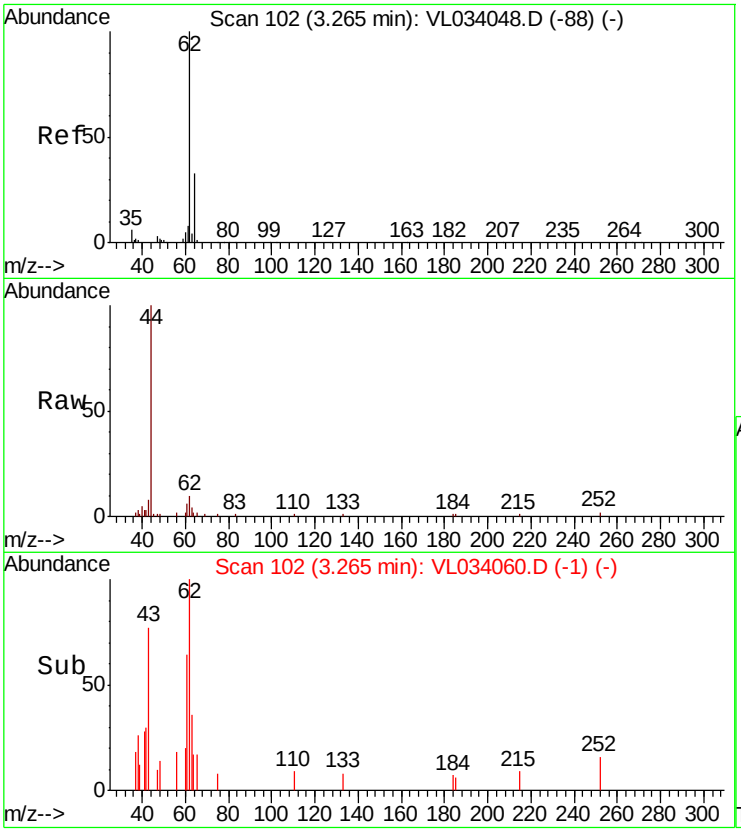


#4
Chloromethane
Concen: 0.457 ppbv
RT: 3.15 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 50 Resp: 32126

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.7	40.1



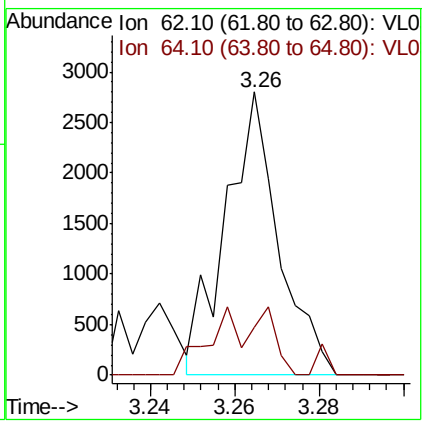


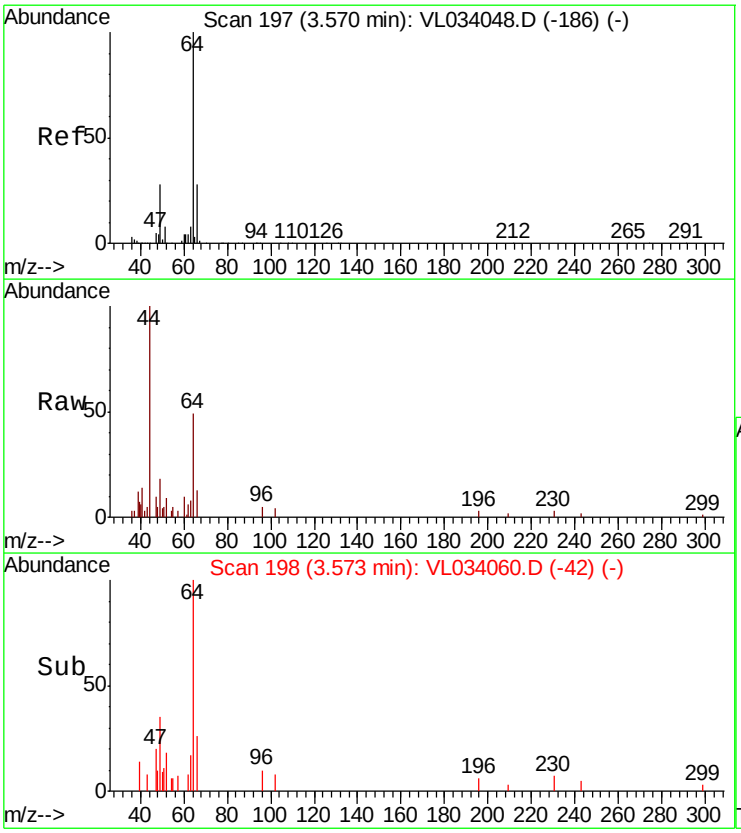
#5
Vinyl Chloride
Concen: 0.031 ppbv
RT: 3.26 min Scan# 102
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 2439

Ion	Ratio	Lower	Upper
62	100		
64	17.0	26.5	39.7#

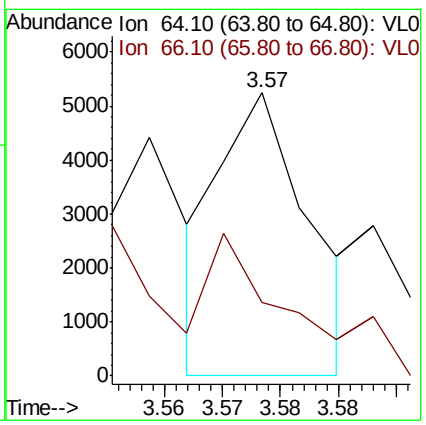


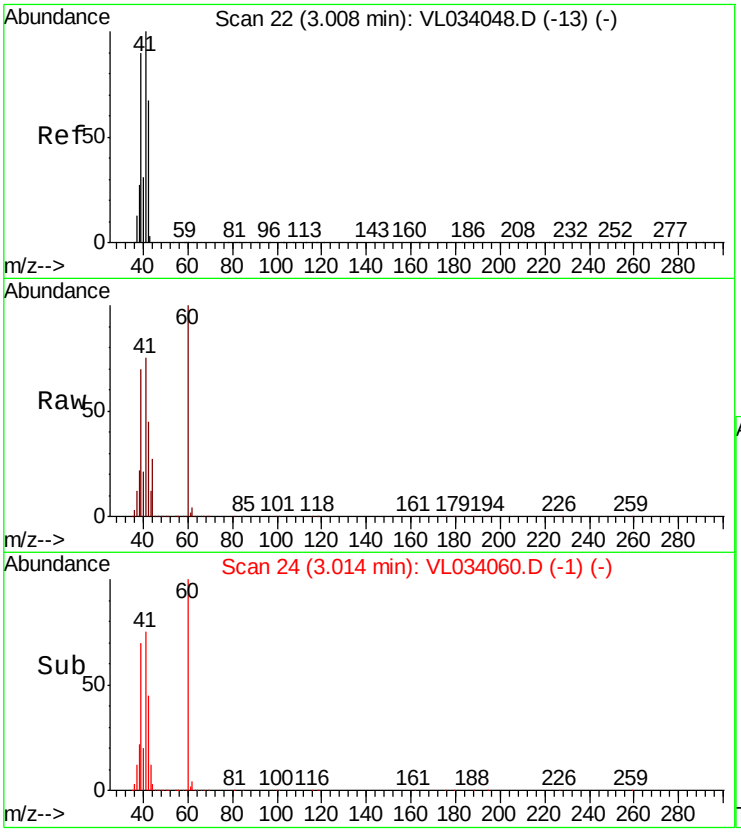


#7
Chloroethane
Concen: 0.089 ppbv
RT: 3.57 min Scan# 198
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 64 Resp: 2807

Ion	Ratio	Lower	Upper
64	100		
66	26.1	22.0	33.0



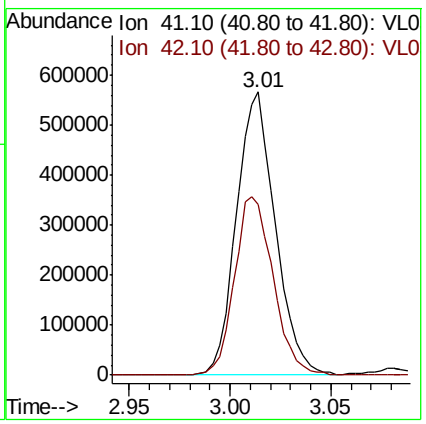


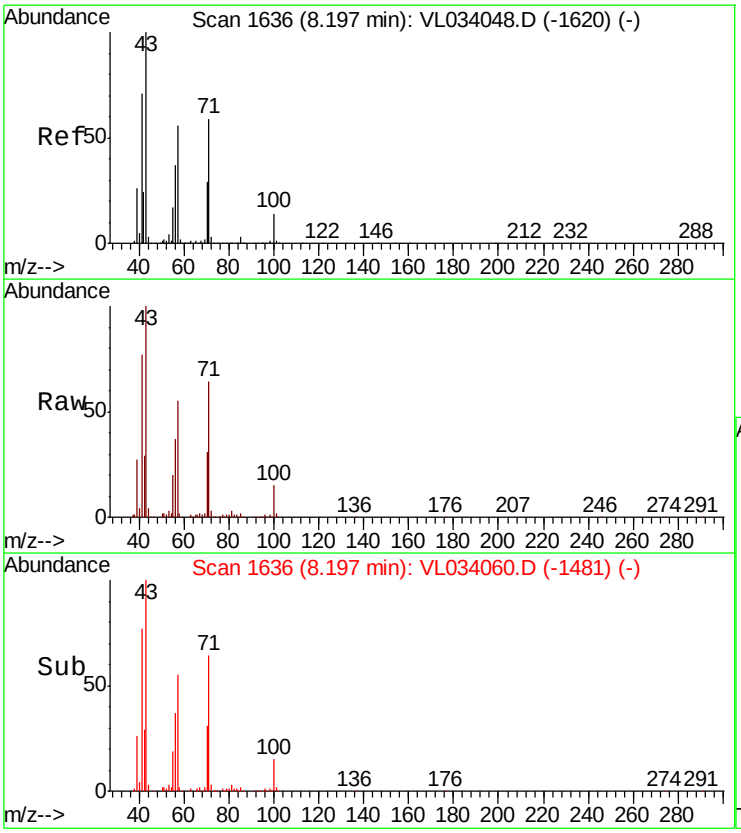
#9
Propene
Concen: 17.776 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 765376

Ion	Ratio	Lower	Upper
41	100		
42	63.0	55.4	83.2

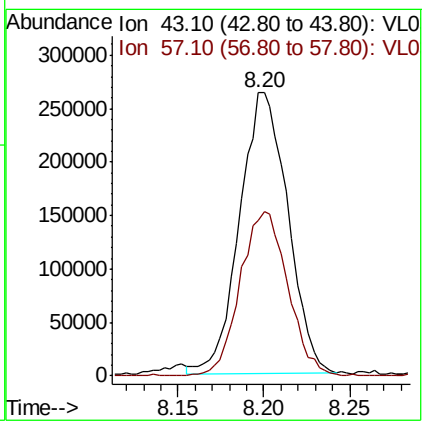


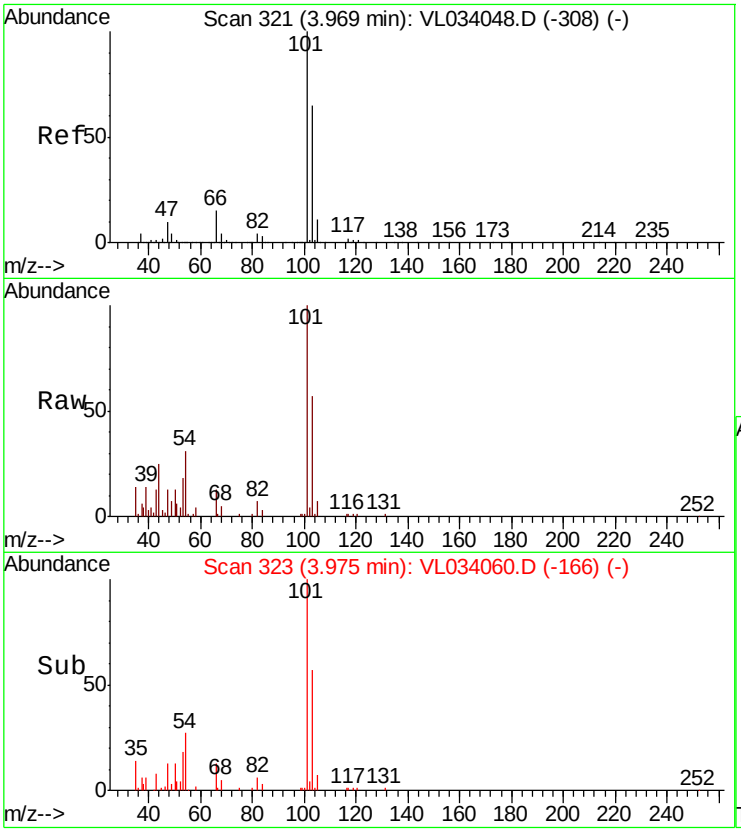


#10
Heptane
Concen: 4.349 ppbv
RT: 8.20 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 43 Resp: 510672

Ion	Ratio	Lower	Upper
43	100		
57	58.2	44.8	67.2



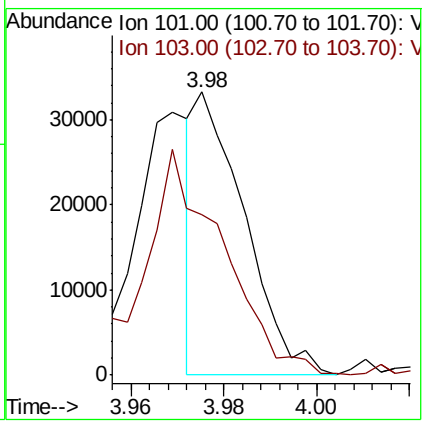


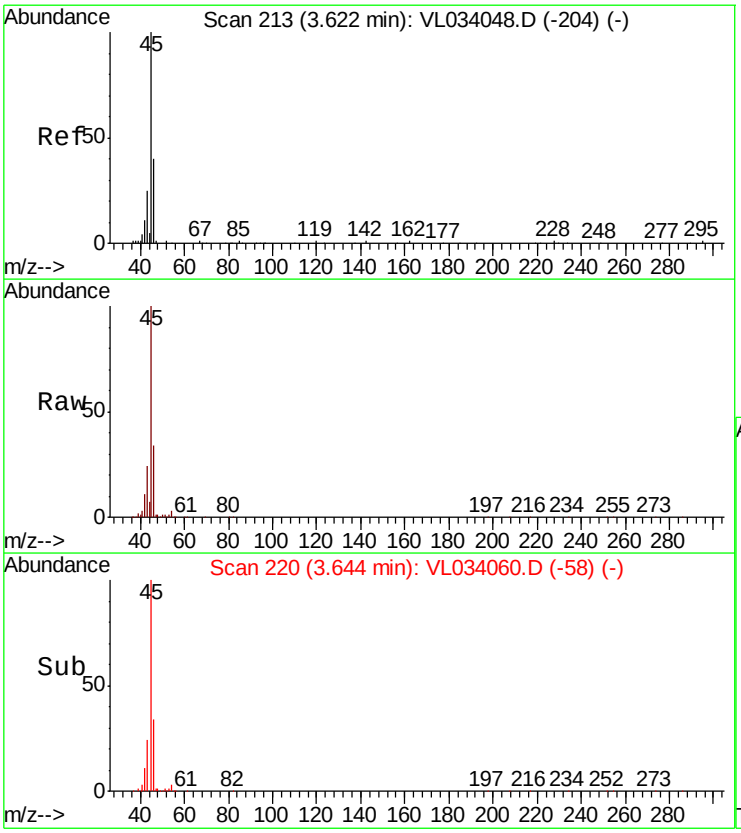
#11
Trichlorofluoromethane
Concen: 0.110 ppbv
RT: 3.98 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 24404

Ion	Ratio	Lower	Upper
101	100		
103	56.2	52.3	78.5

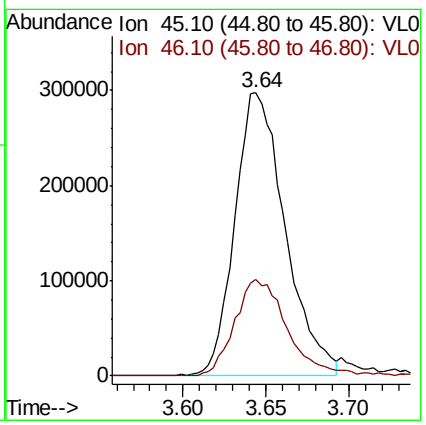


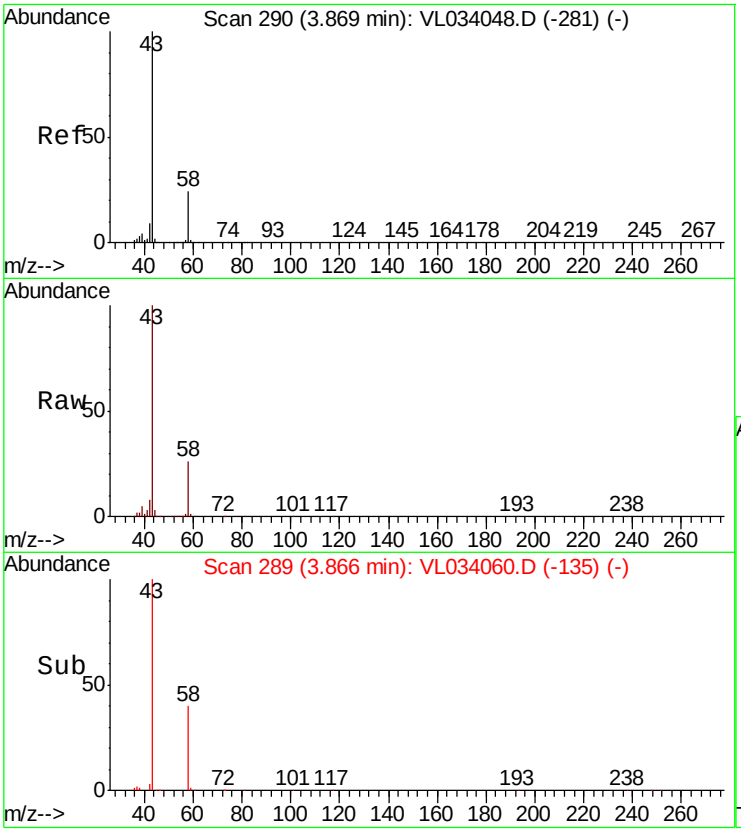


#13
Ethanol
Concen: 36.628 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.02 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 45 Resp: 627703

Ion	Ratio	Lower	Upper
45	100		
46	36.0	15.6	62.2



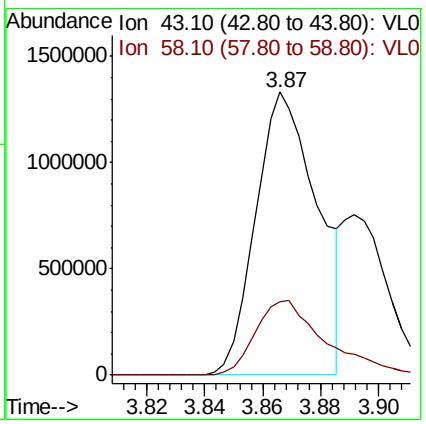


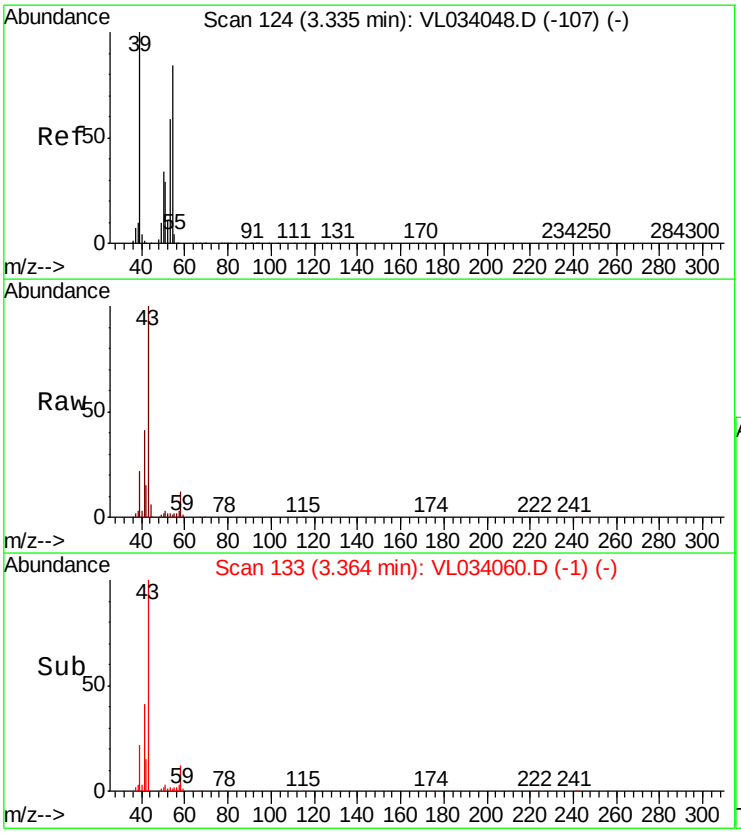
#15
Acetone
Concen: 12.459 ppbv
RT: 3.87 min Scan# 289
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1968080

Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.6	32.4

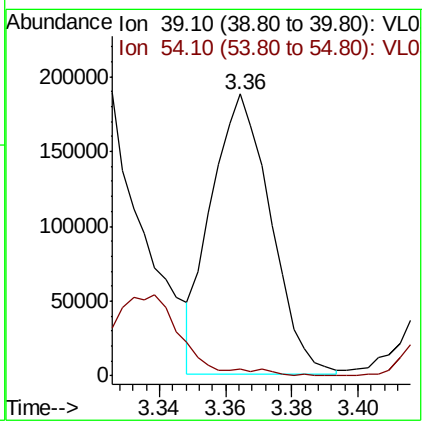


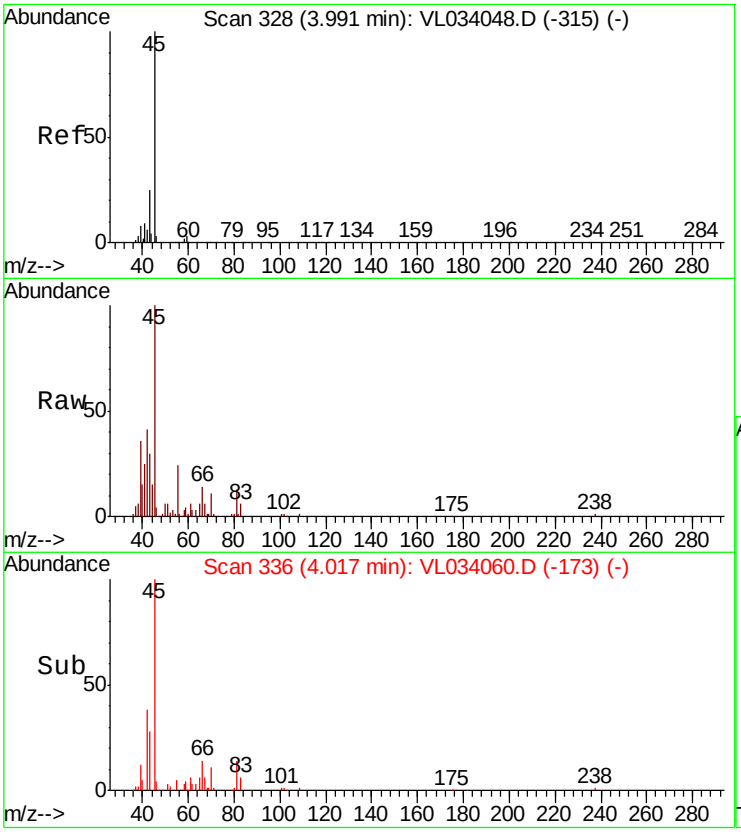


#16
1,3-Butadiene
Concen: 3.796 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.03 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 39 Resp: 232851

Ion	Ratio	Lower	Upper
39	100		
54	41.9	68.9	103.3#



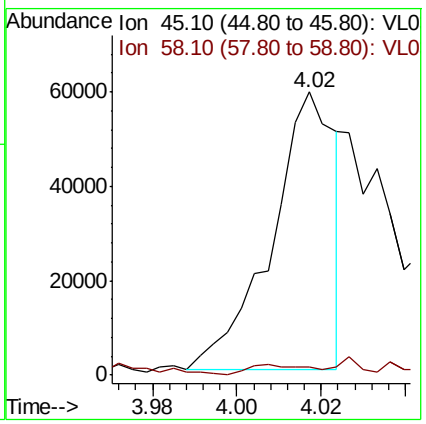


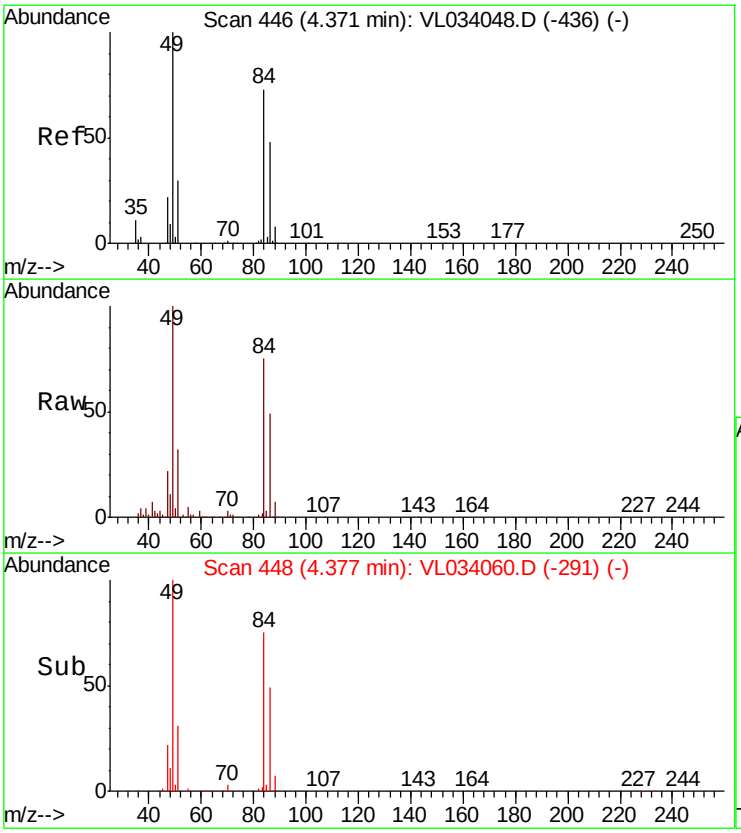
#19
Isopropyl Alcohol
Concen: 0.570 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 61538

Ion	Ratio	Lower	Upper
45	100		
58	967.5	1.8	2.6#

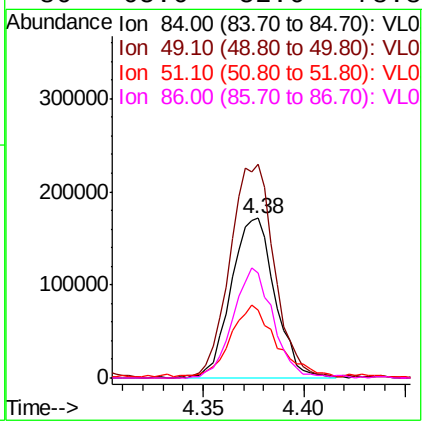


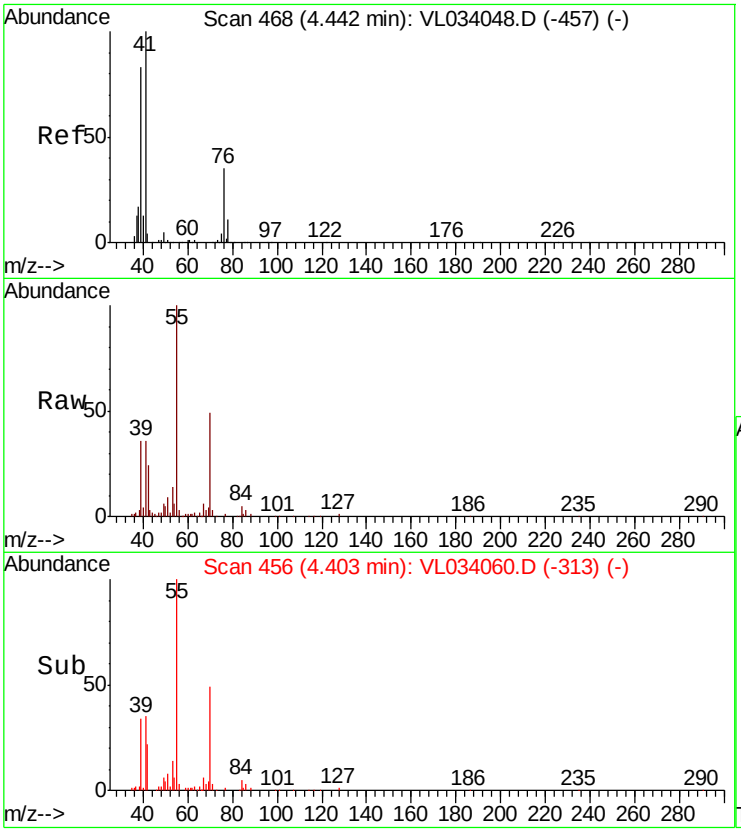


#20
Methylene Chloride
Concen: 4.315 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 84 Resp: 260717

Ion	Ratio	Lower	Upper
84	100		
49	133.1	109.6	164.4
51	41.4	33.4	50.2
86	65.6	52.6	78.8



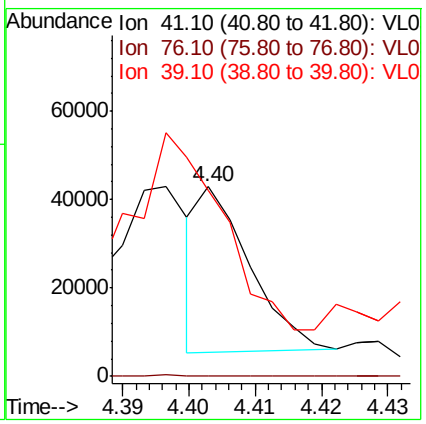


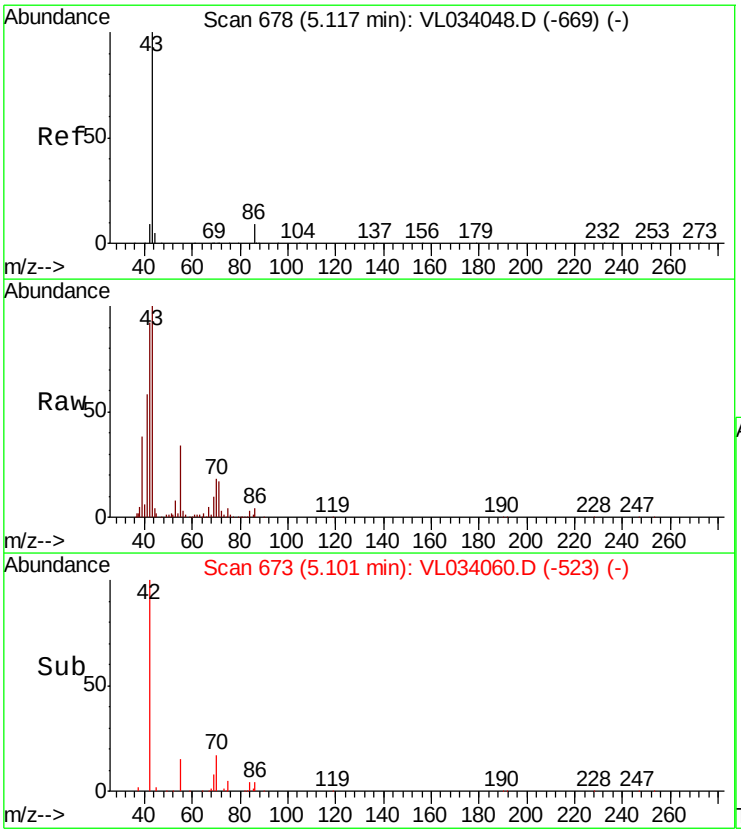
#21
Allyl Chloride
Concen: 0.198 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.04 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 19725

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.1	39.1#
39	0.0	65.0	97.6#

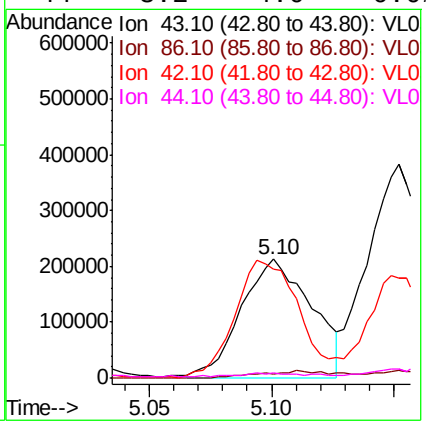


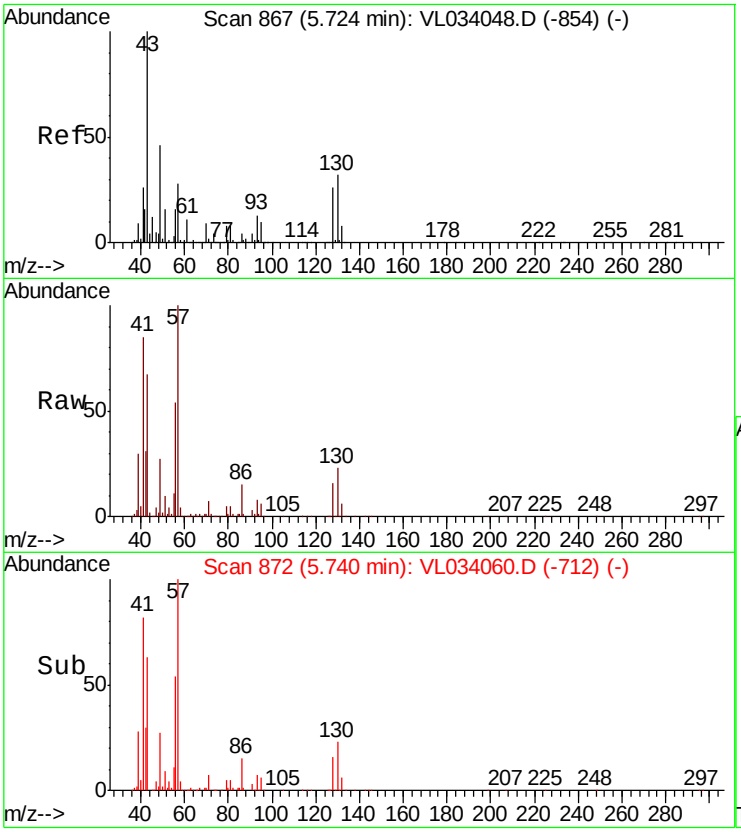


#23
Vinyl Acetate
Concen: 2.498 ppbv
RT: 5.10 min Scan# 673
Delta R.T. -0.02 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 43 Resp: 422626

Ion	Ratio	Lower	Upper
43	100		
86	3.8	6.5	9.7#
42	91.9	8.3	12.5#
44	3.2	4.0	6.0#



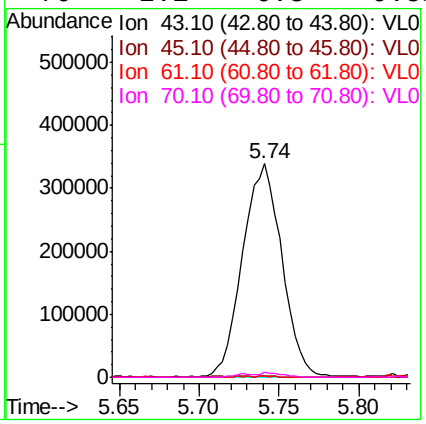


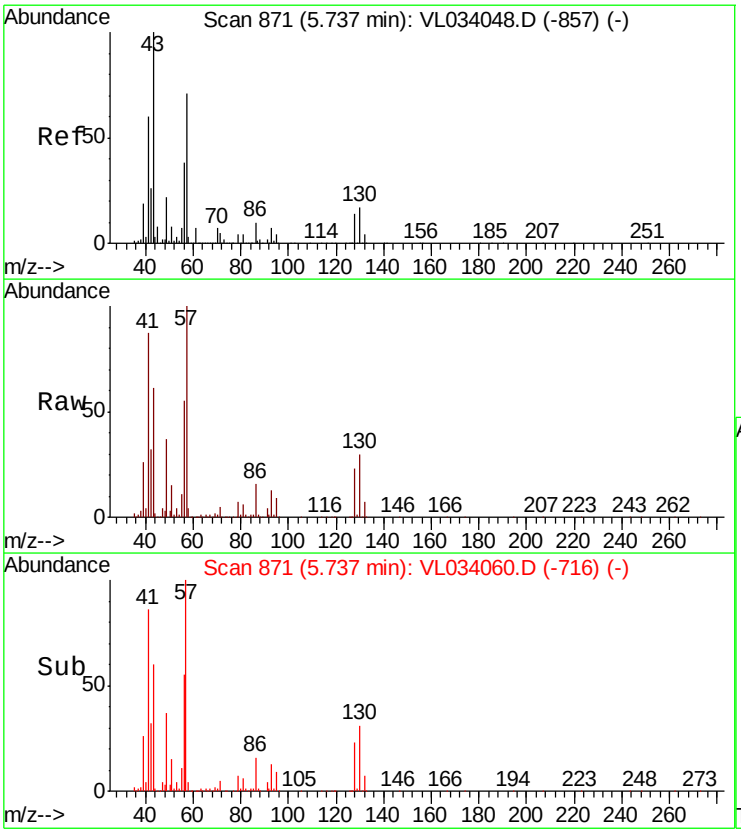
#25
Ethyl Acetate
Concen: 2.419 ppbv
RT: 5.74 min Scan# 872
Delta R.T. 0.02 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 568129

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.1	12.1#
61	0.5	8.1	12.1#
70	2.1	6.3	9.5#

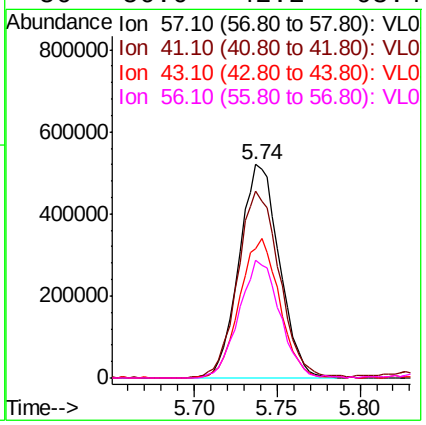


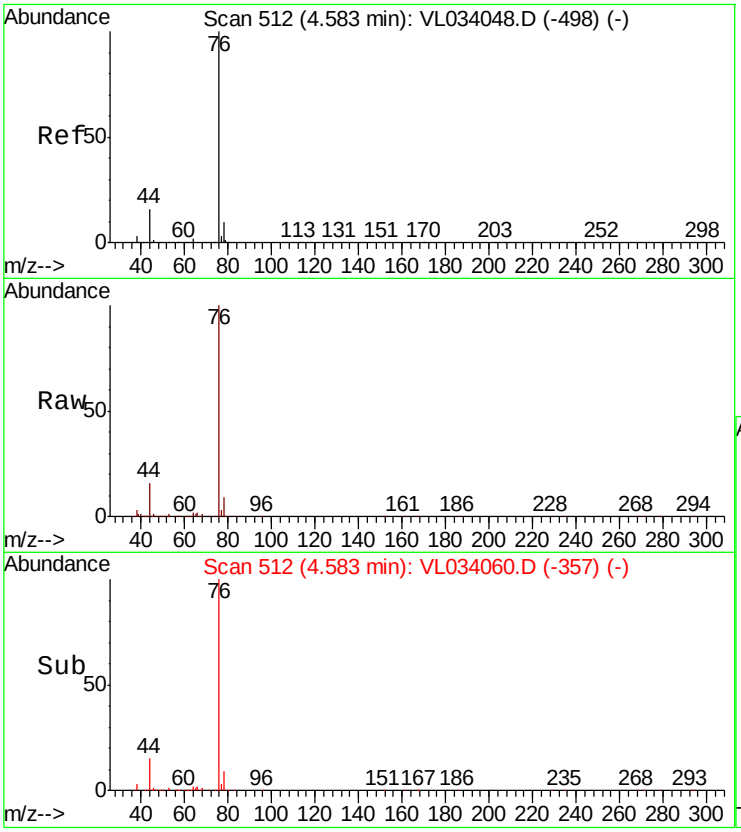


#26
Hexane
Concen: 8.270 ppbv
RT: 5.74 min Scan# 871
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 57 Resp: 878400

Ion	Ratio	Lower	Upper
57	100		
41	90.7	69.0	103.6
43	64.9	176.6	264.8#
56	56.0	42.2	63.4



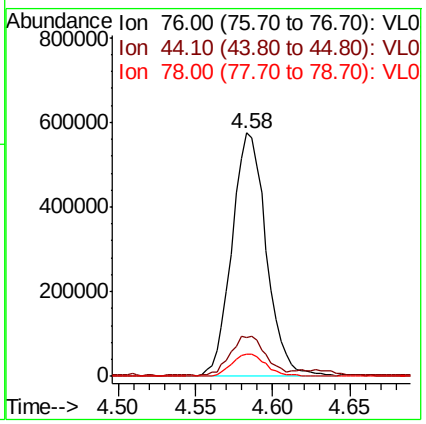


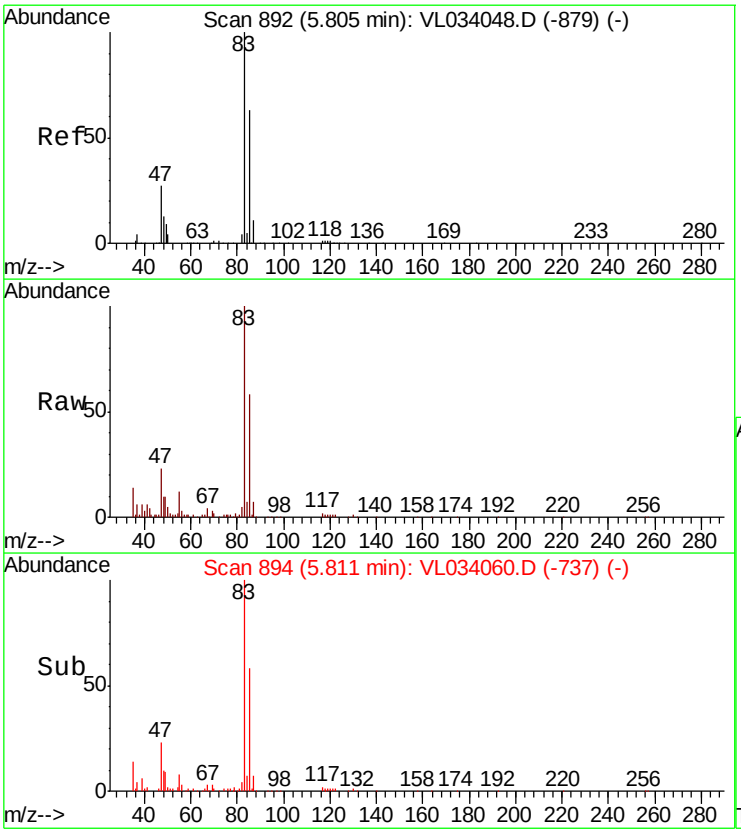
#27
Carbon Disulfide
Concen: 5.371 ppbv
RT: 4.58 min Scan# 512
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 888433

Ion	Ratio	Lower	Upper
76	100		
44	19.1	13.0	19.4
78	9.3	7.7	11.5

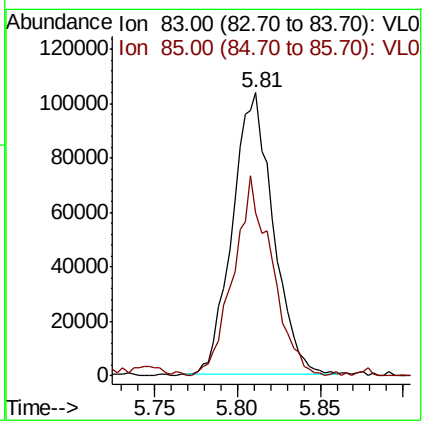


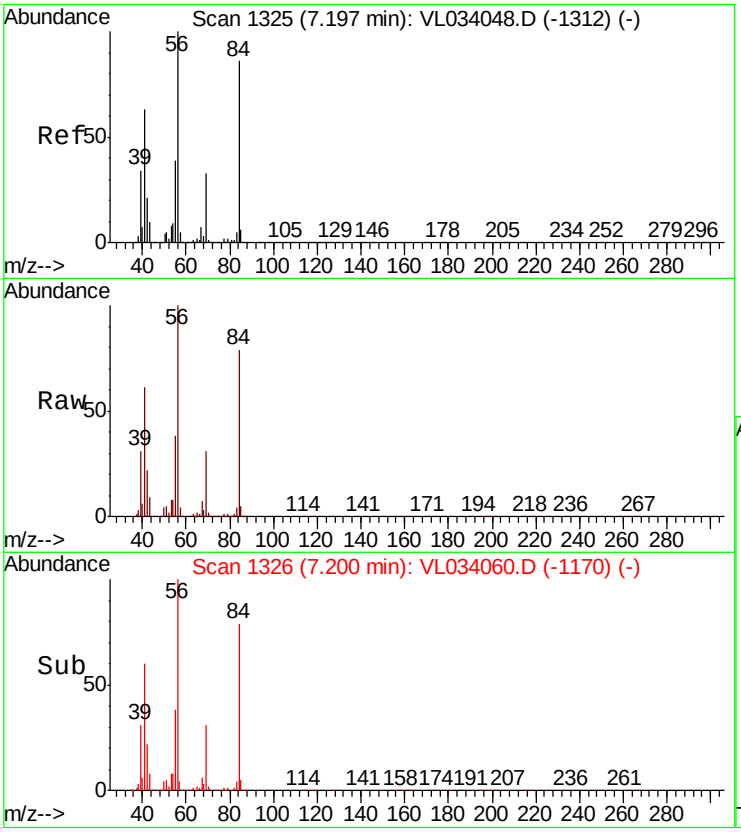


#29
Chloroform
Concen: 0.916 ppbv
RT: 5.81 min Scan# 894
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 83 Resp: 177670

Ion	Ratio	Lower	Upper
83	100		
85	57.6	50.2	75.4



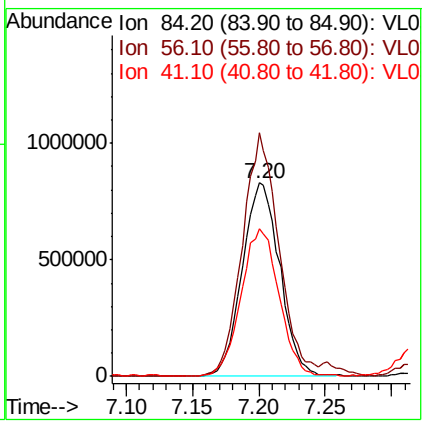


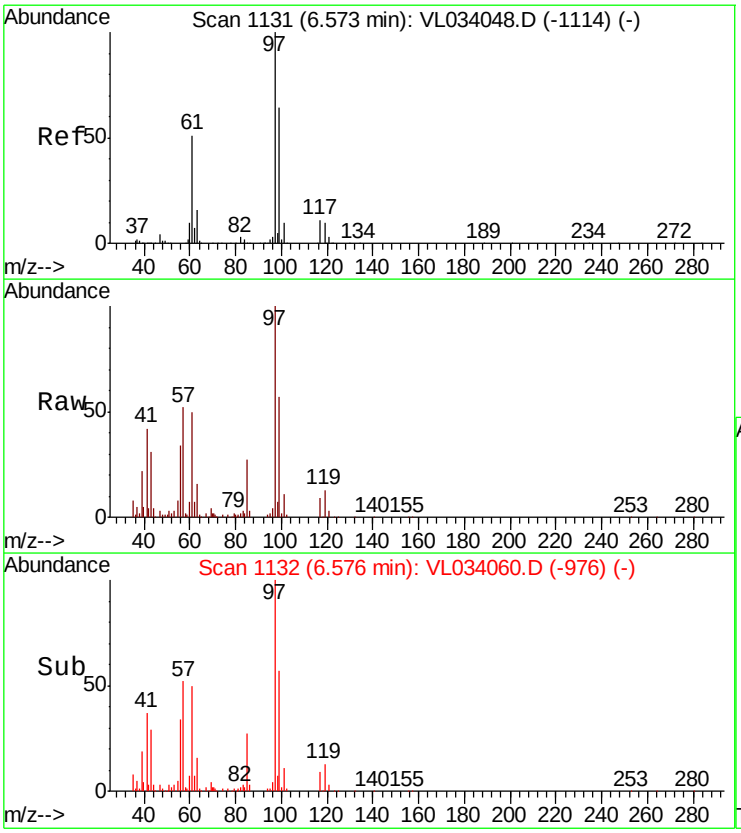
#30
Cyclohexane
Concen: 15.139 ppbv
RT: 7.20 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 1633851

Ion	Ratio	Lower	Upper
84	100		
56	126.6	101.7	152.5
41	77.4	59.4	89.0

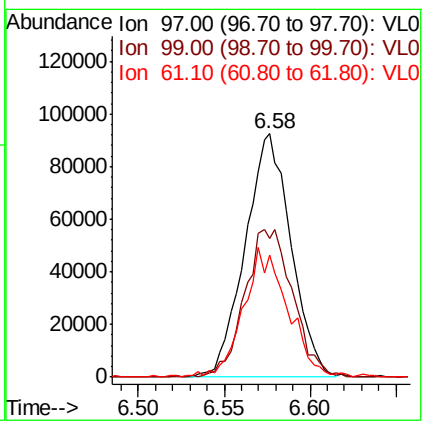


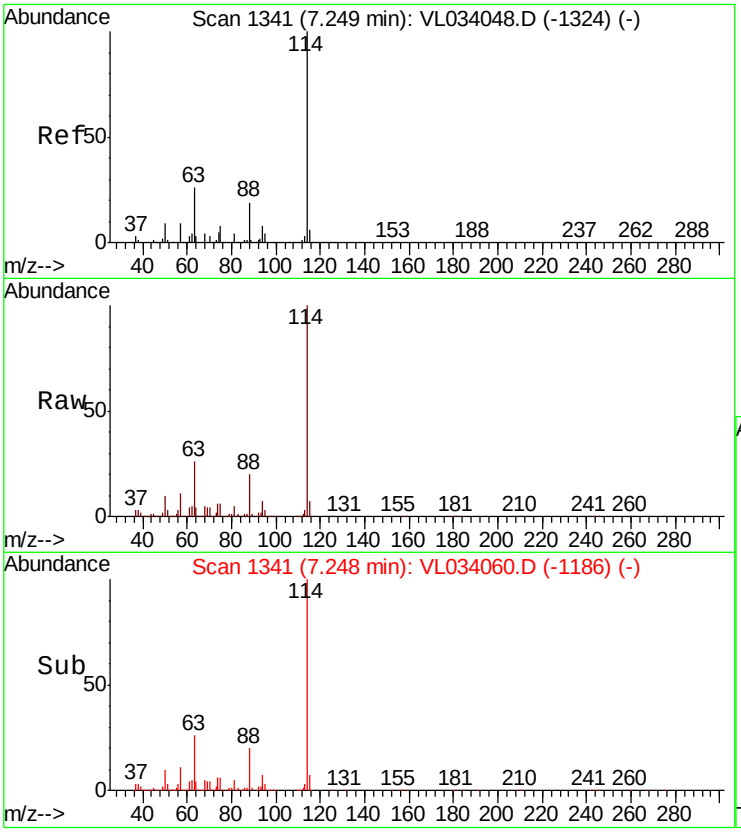


#32
1,1,1-Trichloroethane
Concen: 0.839 ppbv
RT: 6.58 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 97 Resp: 170785

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	51.8	39.5	59.3



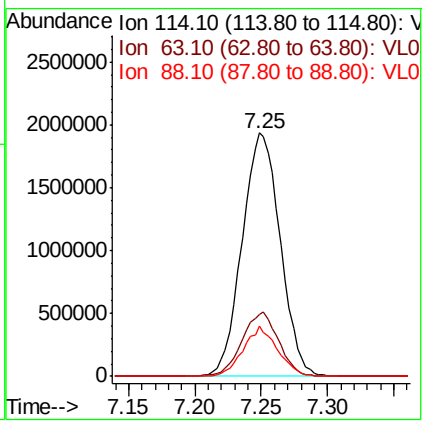


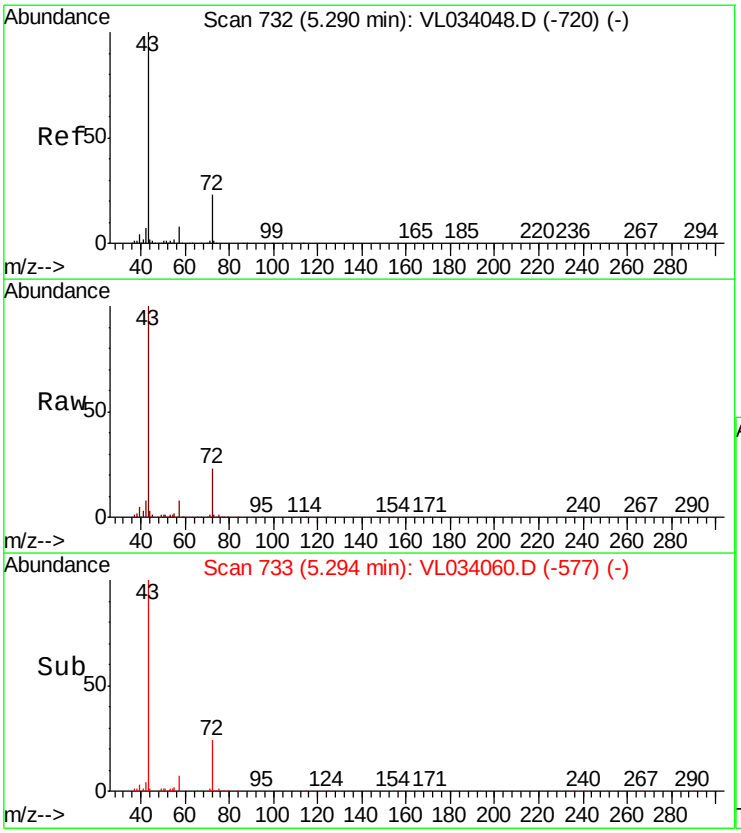
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3853614

Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.0	31.6
88	18.5	14.7	22.1

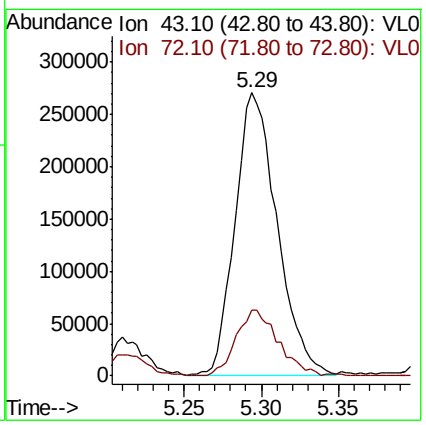


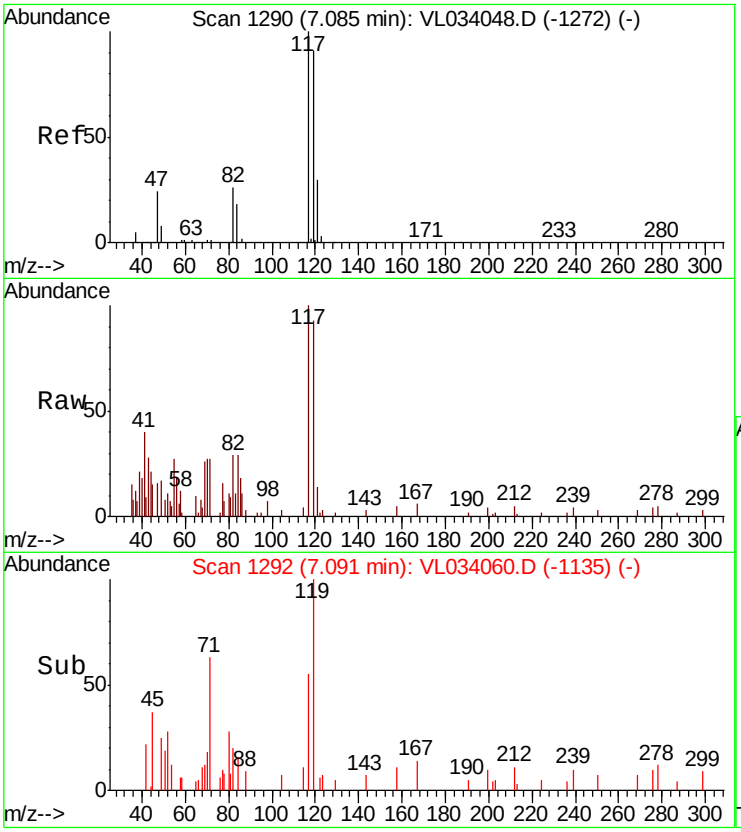


#34
2-Butanone
Concen: 3.213 ppbv
RT: 5.29 min Scan# 733
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 43 Resp: 509599

Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.2	30.4



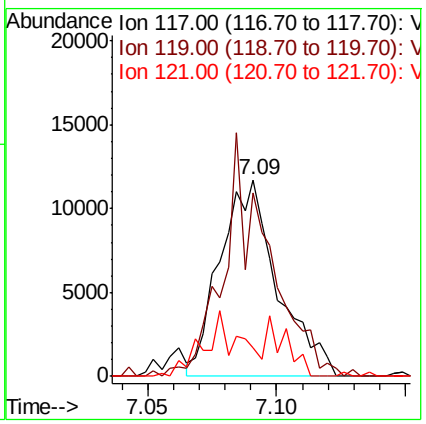


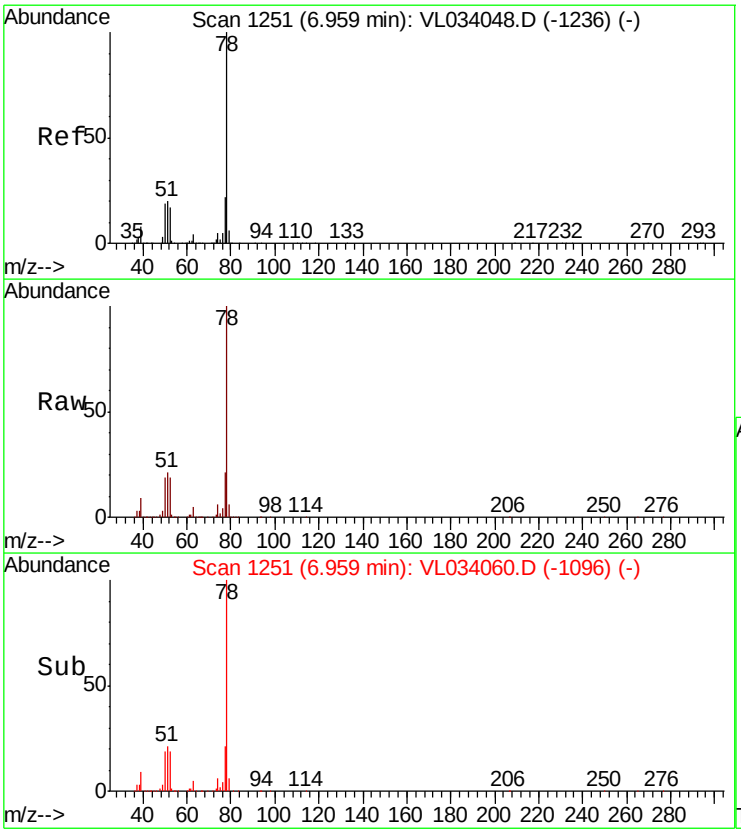
#35
Carbon Tetrachloride
Concen: 0.067 ppbv
RT: 7.09 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 18137

Ion	Ratio	Lower	Upper
117	100		
119	88.8	73.2	109.8
121	14.3	24.0	36.0#

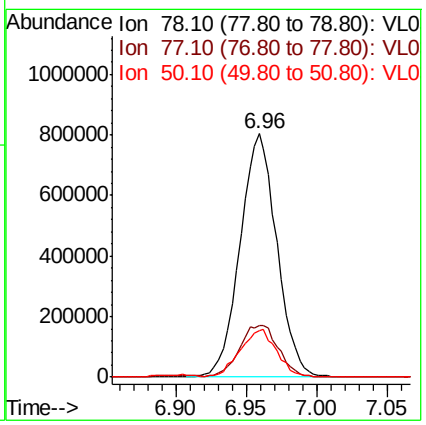


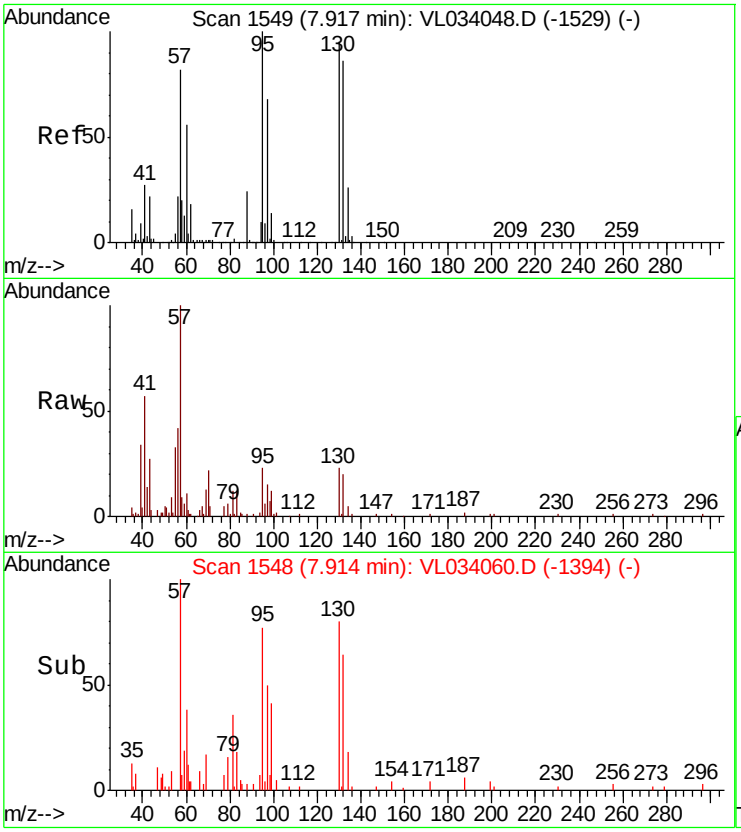


#36
Benzene
Concen: 5.697 ppbv
RT: 6.96 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 78 Resp: 1461373

Ion	Ratio	Lower	Upper
78	100		
77	21.2	17.9	26.9
50	19.0	14.9	22.3



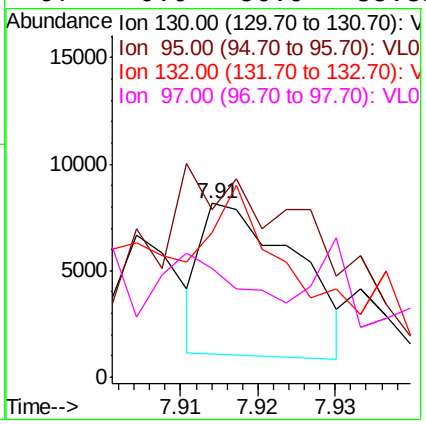


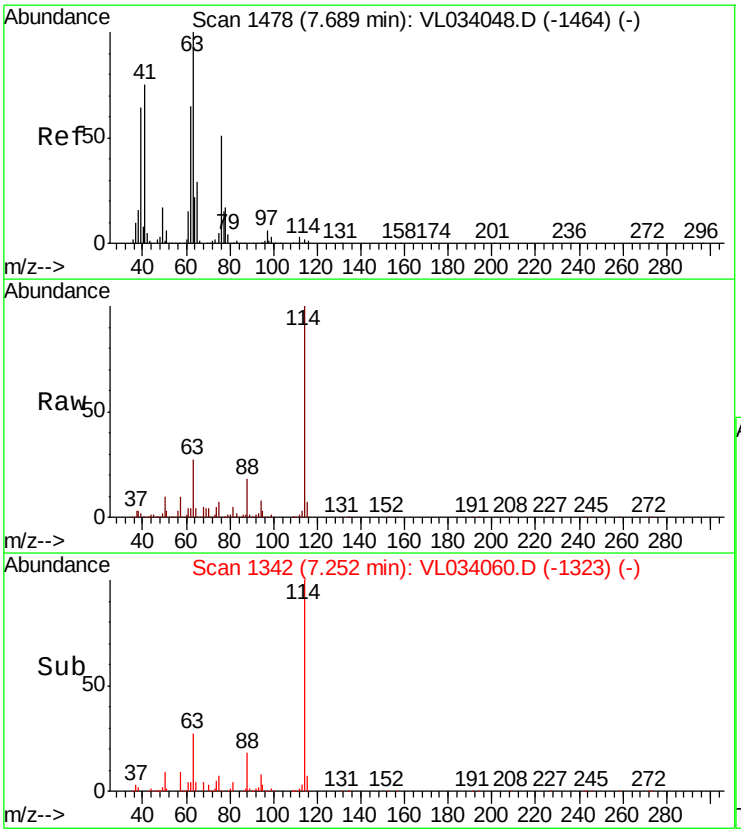
#38
Trichloroethene
Concen: 0.056 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 5984

Ion	Ratio	Lower	Upper
130	100		
95	62.0	84.1	126.1#
132	53.9	72.7	109.1#
97	0.0	56.9	85.3#

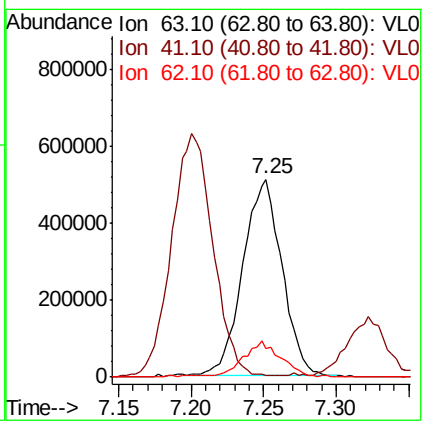


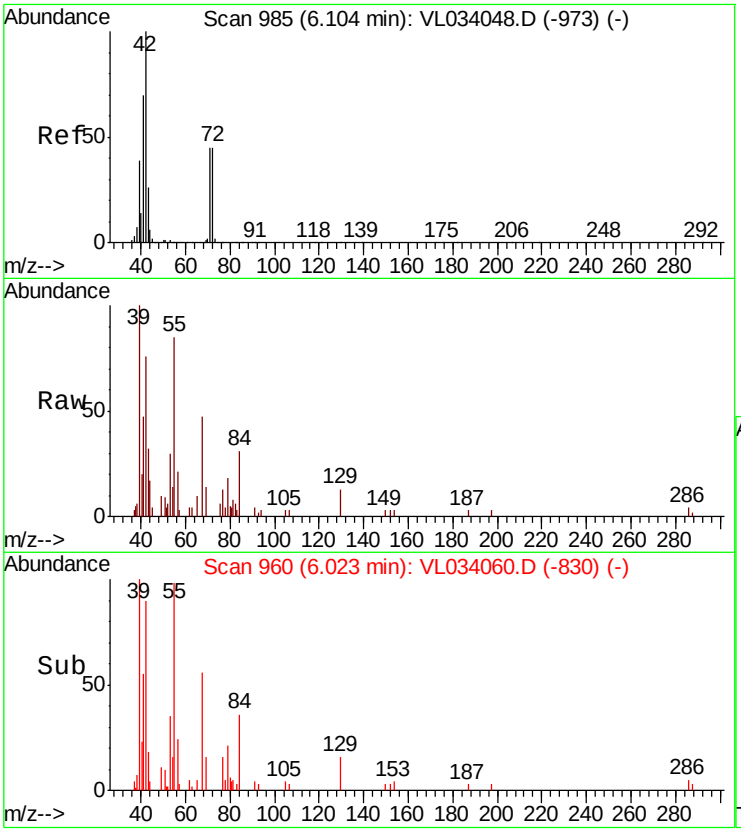


#39
1,2-Dichloropropane
Concen: 9.264 ppbv
RT: 7.25 min Scan# 1342
Delta R.T. -0.44 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 63 Resp: 964397

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	14.3	52.2	78.2#



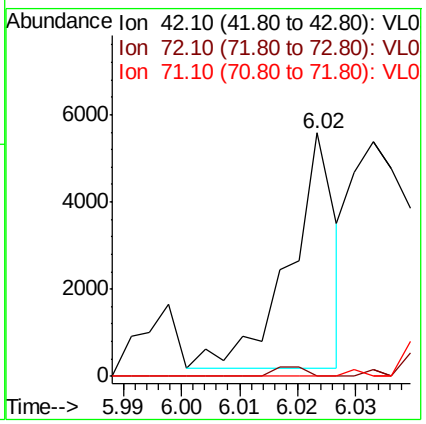


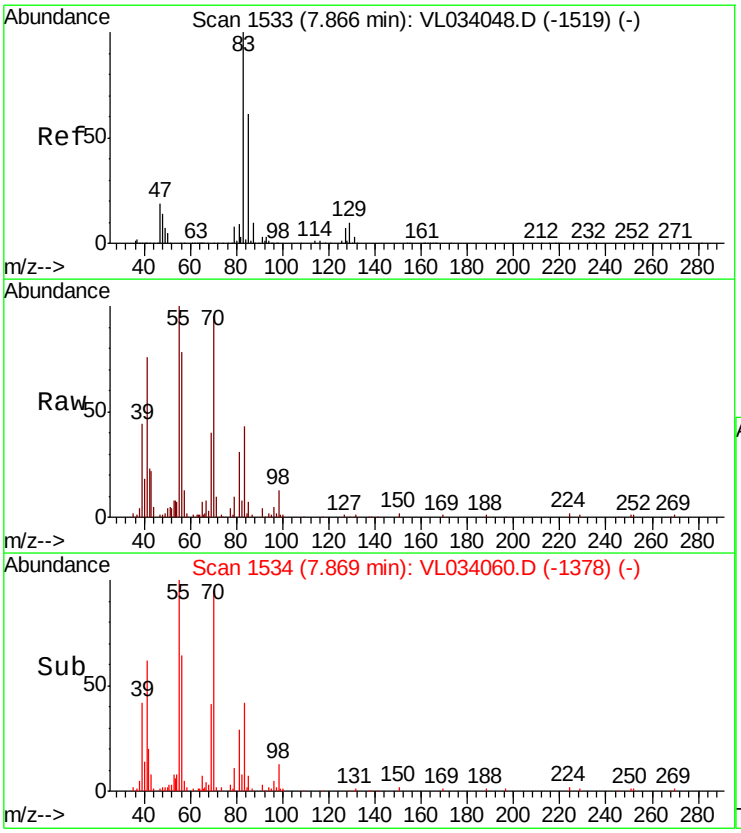
#41
Tetrahydrofuran
Concen: 0.037 ppbv
RT: 6.02 min Scan# 960
Delta R.T. -0.08 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 2951

Ion	Ratio	Lower	Upper
42	100		
72	11.7	36.9	55.3#
71	0.0	36.6	54.8#

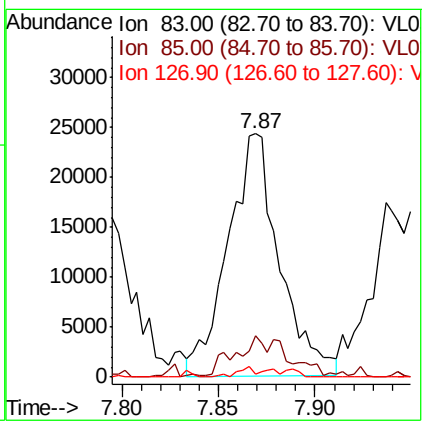


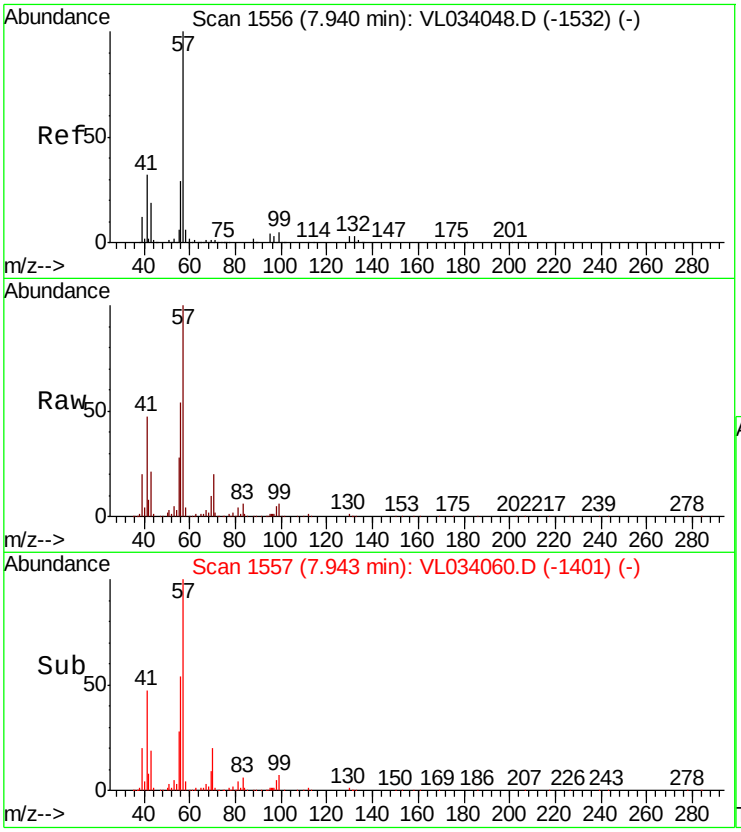


#42
Bromodichloromethane
Concen: 0.185 ppbv
RT: 7.87 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 83 Resp: 45161

Ion	Ratio	Lower	Upper
83	100		
85	17.2	48.6	73.0#
127	1.5	5.5	8.3#



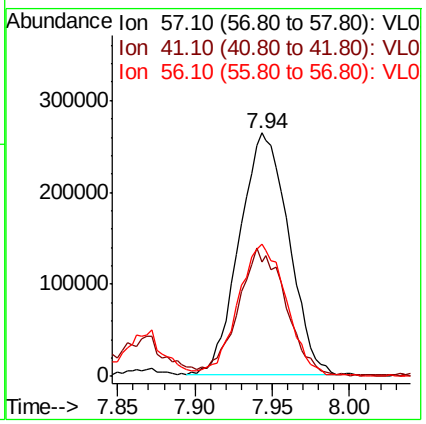


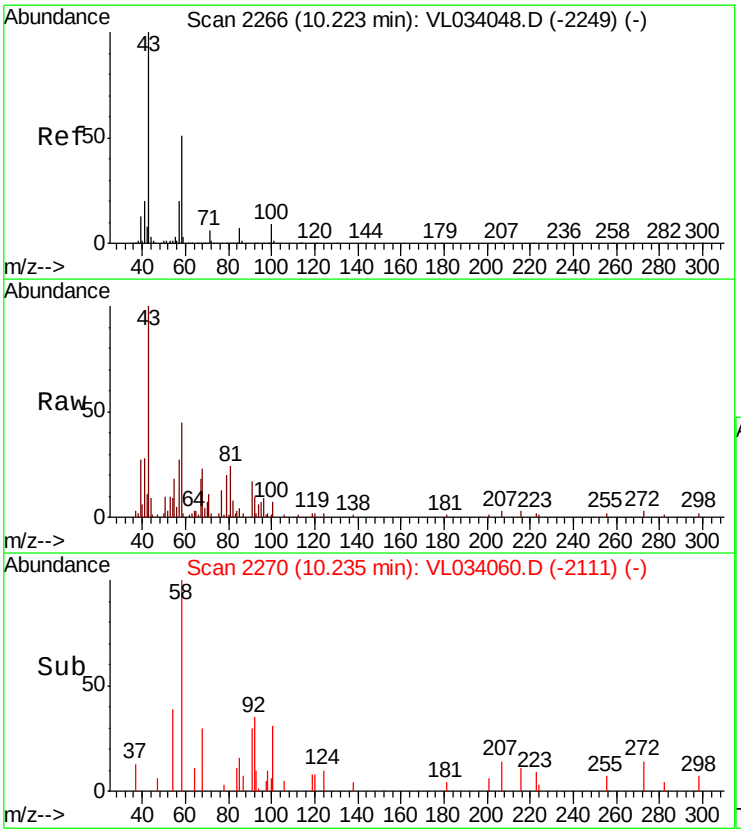
#44
2,2,4-Trimethylpentane
Concen: 1.362 ppbv
RT: 7.94 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 580048

Ion	Ratio	Lower	Upper
57	100		
41	51.2	26.2	39.2#
56	54.3	24.2	36.2#

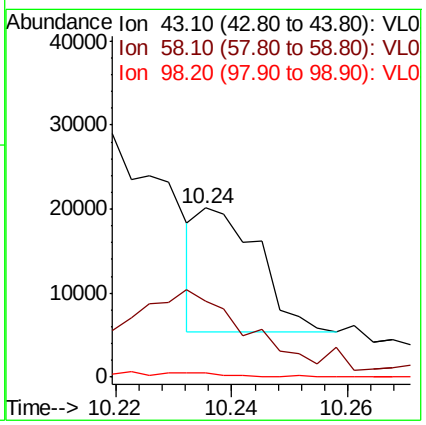


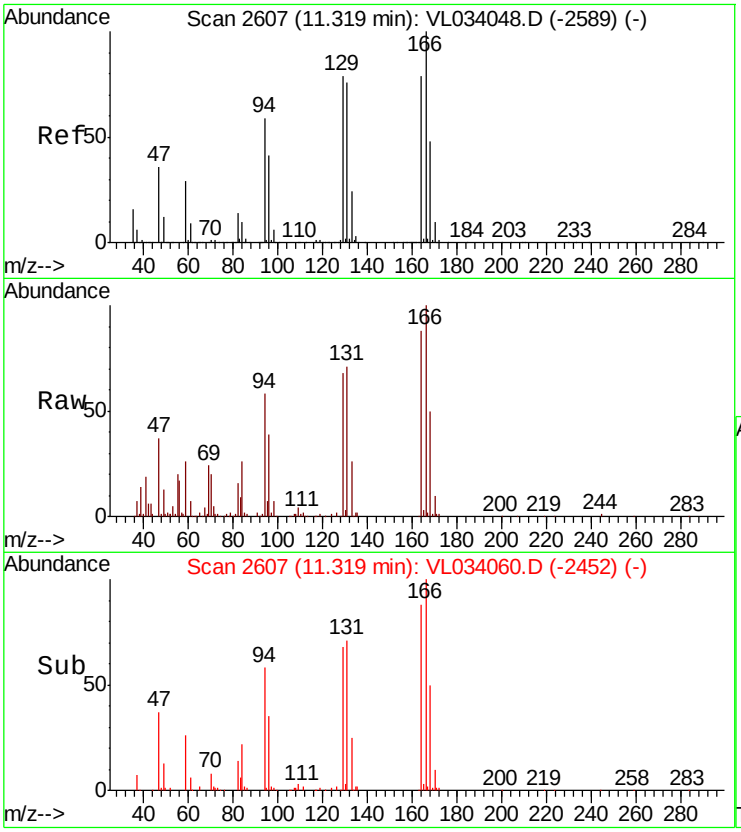


#51
2-Hexanone
Concen: 0.054 ppbv
RT: 10.24 min Scan# 2270
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 43 Resp: 10630

Ion	Ratio	Lower	Upper
43	100		
58	186.2	40.2	60.2#
98	0.0	0.4	0.6#



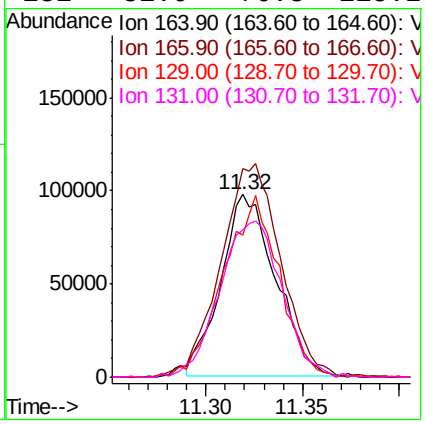


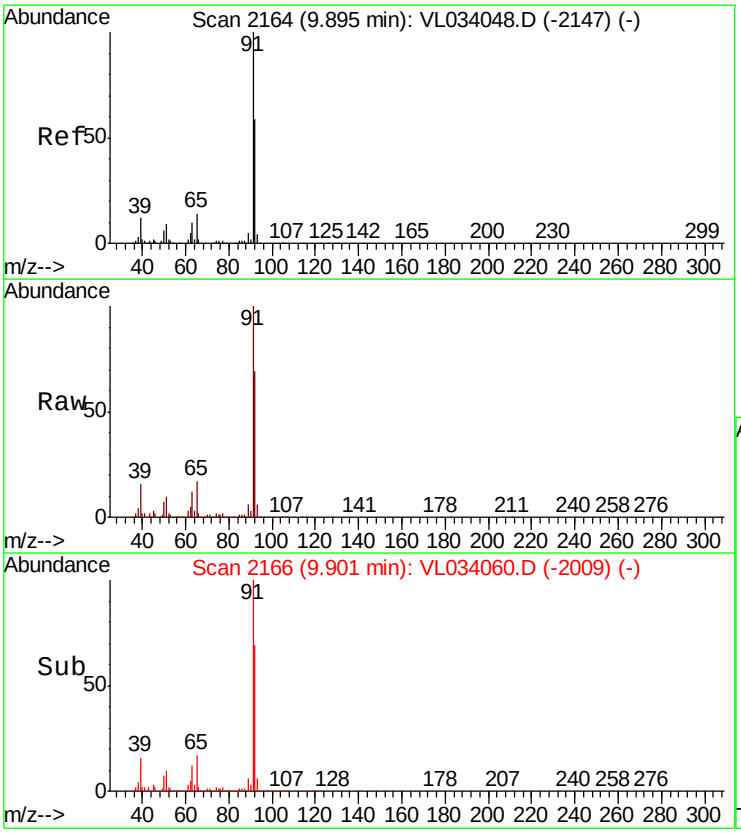
#52
Tetrachloroethene
Concen: 1.906 ppbv
RT: 11.32 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 191720

Ion	Ratio	Lower	Upper
164	100		
166	113.3	101.6	152.4
129	78.4	80.7	121.1#
131	81.0	76.8	115.2

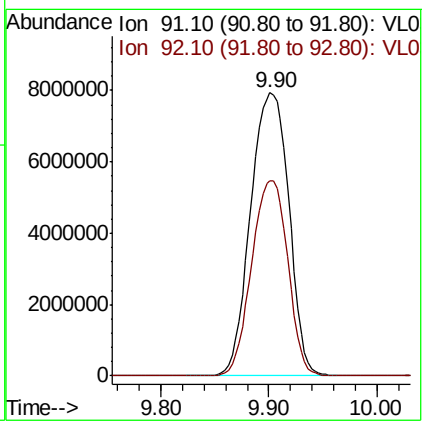


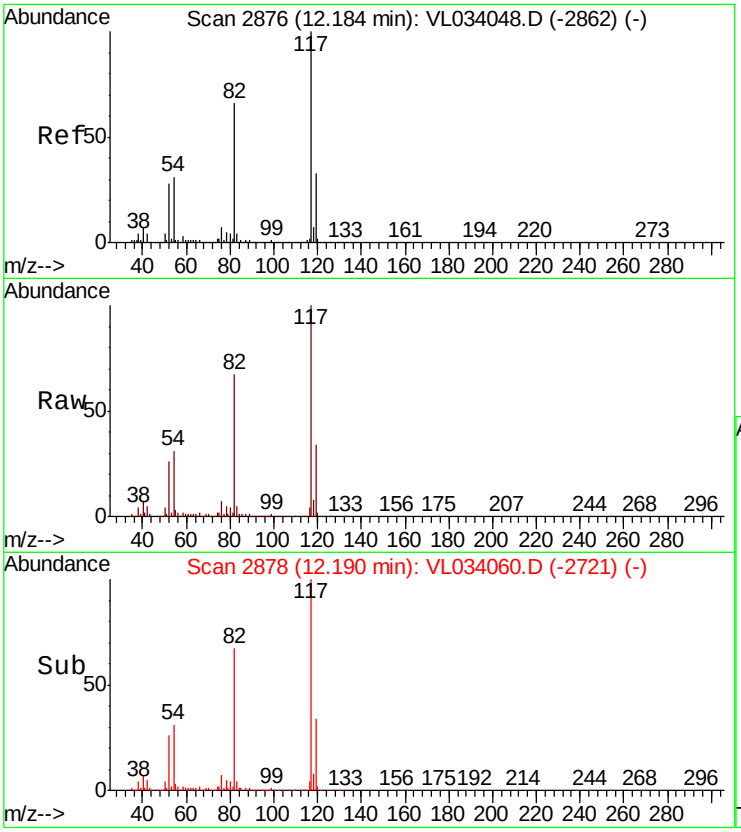


#53
Toluene
Concen: 73.041 ppbv
RT: 9.90 min Scan# 2166
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 91 Resp:19550277

Ion	Ratio	Lower	Upper
91	100		
92	65.4	47.4	71.2



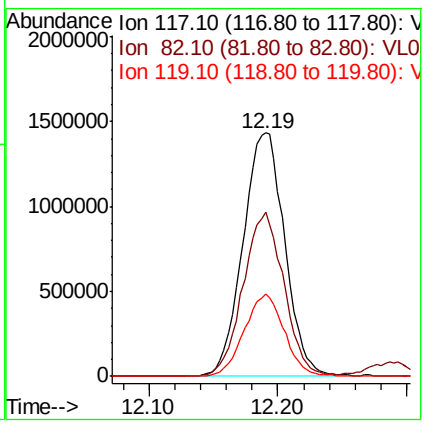


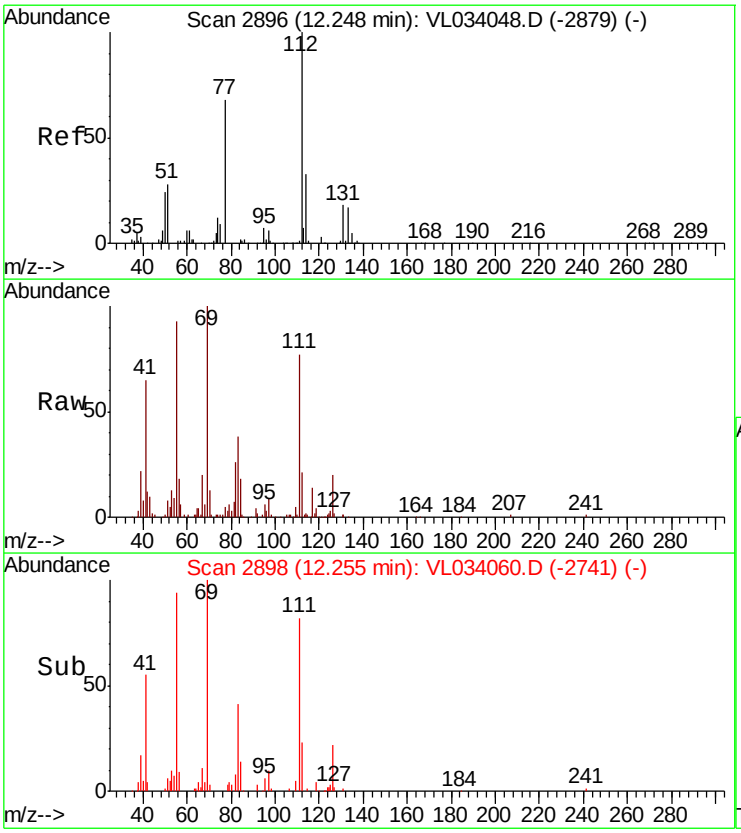
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2878
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3229920

Ion	Ratio	Lower	Upper
117	100		
82	65.9	49.8	74.8
119	32.7	43.0	64.6#

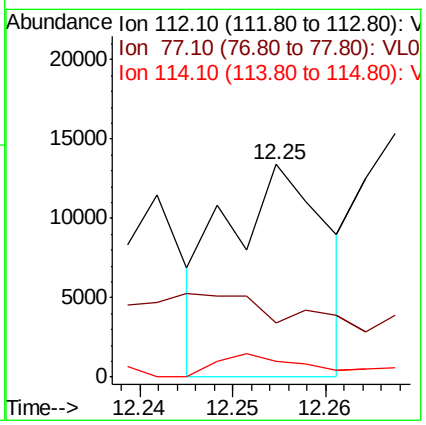


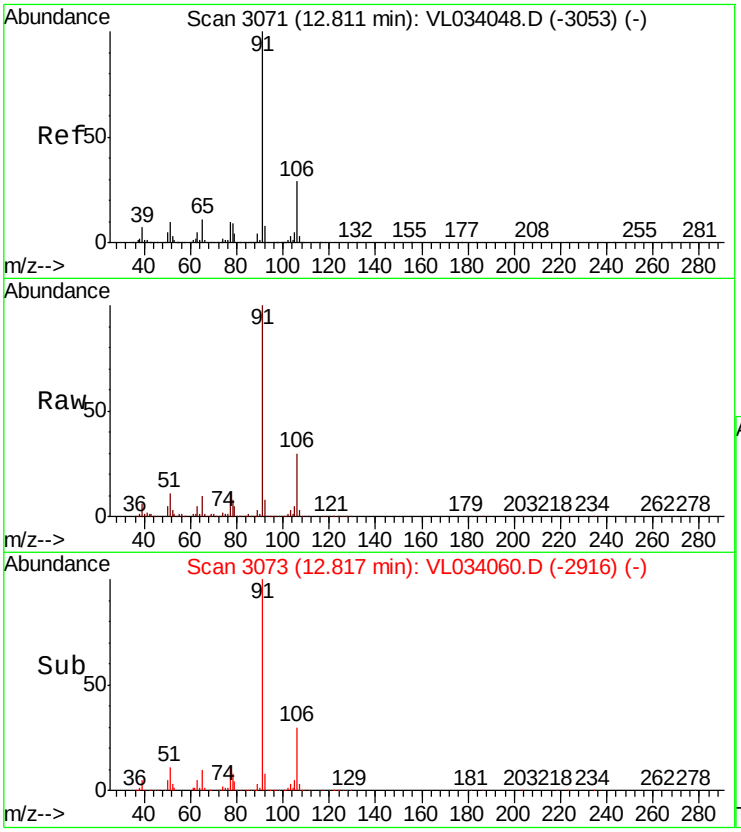


#57
Chlorobenzene
Concen: 0.040 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:112 Resp: 10094

Ion	Ratio	Lower	Upper
112	100		
77	0.0	55.1	82.7#
114	21.1	29.5	36.1#



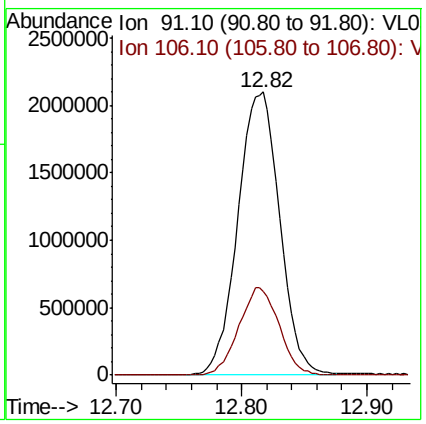


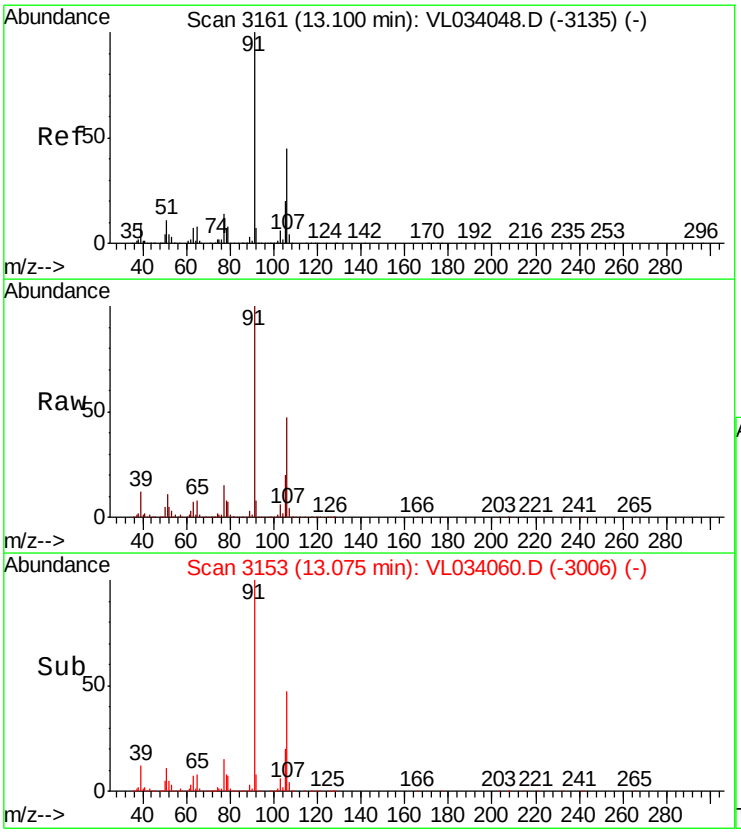
#58
Ethyl Benzene
Concen: 12.635 ppbv
RT: 12.82 min Scan# 3073
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4829774

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.5	35.3

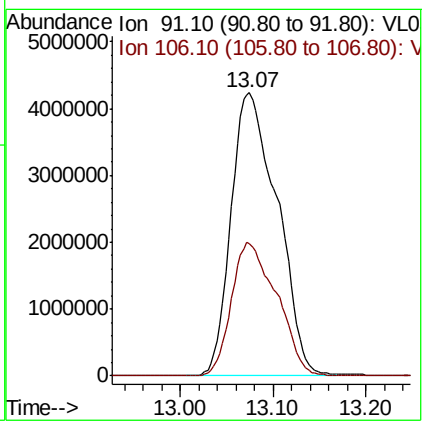


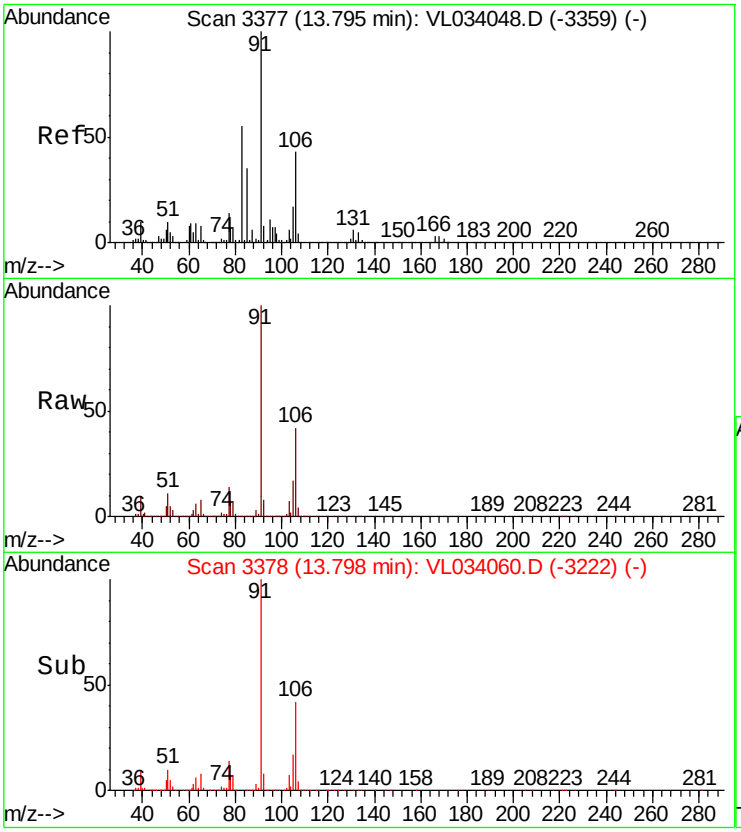


#59
m/p-Xylene
Concen: 42.073 ppbv
RT: 13.07 min Scan# 3153
Delta R.T. -0.03 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 91 Resp:14619462

Ion	Ratio	Lower	Upper
91	100		
106	46.5	35.1	52.7



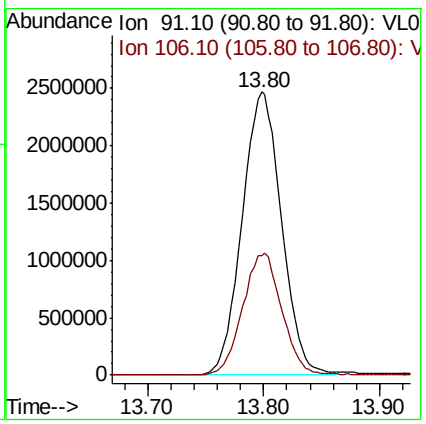


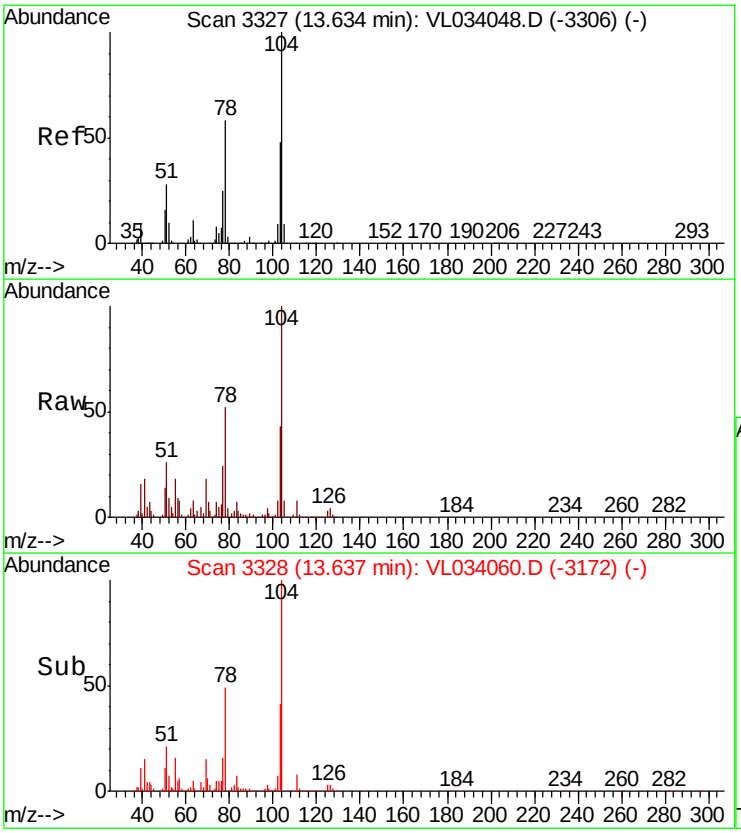
#60
o-Xylene
Concen: 16.853 ppbv
RT: 13.80 min Scan# 3378
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5820372

Ion	Ratio	Lower	Upper
91	100		
106	43.3	21.2	63.6

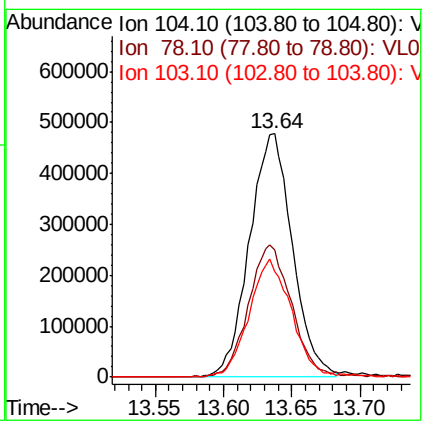


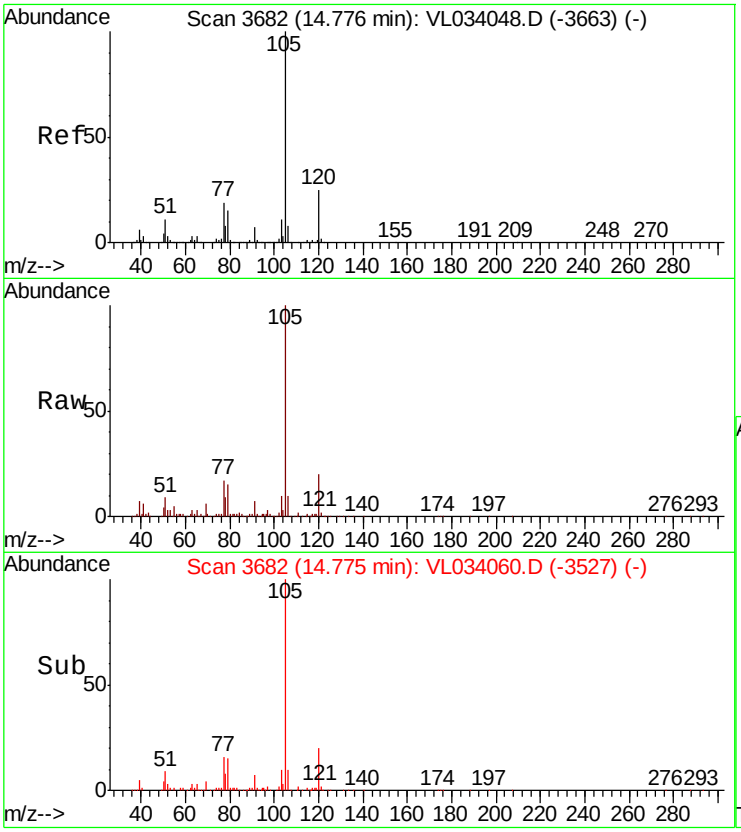


#61
Styrene
Concen: 4.566 ppbv
RT: 13.64 min Scan# 3328
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:104 Resp: 1041247

Ion	Ratio	Lower	Upper
104	100		
78	55.0	44.3	66.5
103	48.3	38.8	58.2



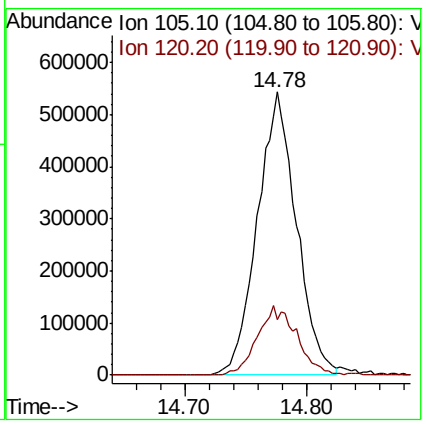


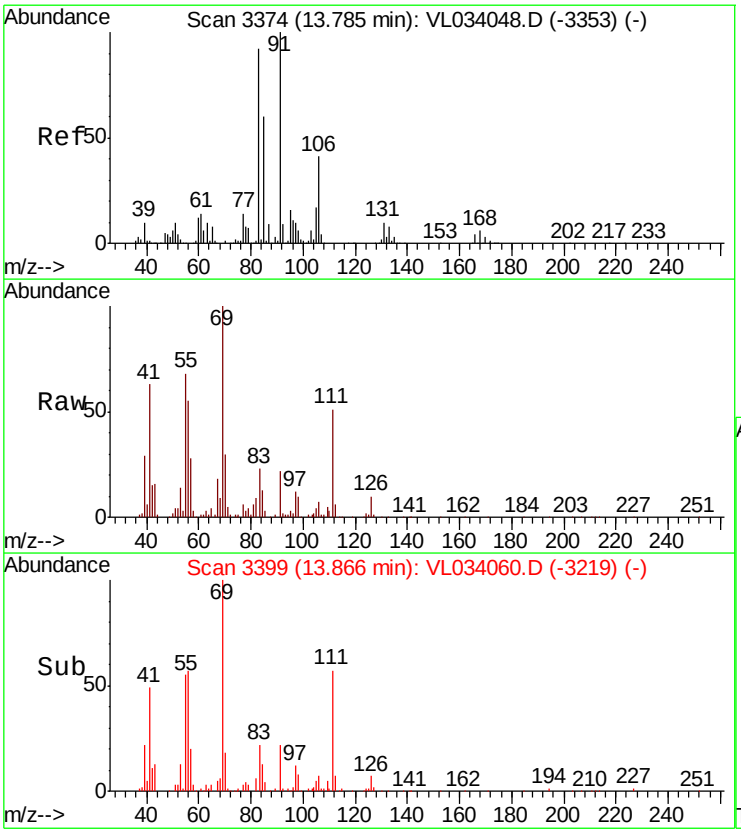
#62
Isopropylbenzene
Concen: 2.600 ppbv
RT: 14.78 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1203140

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.2	30.2

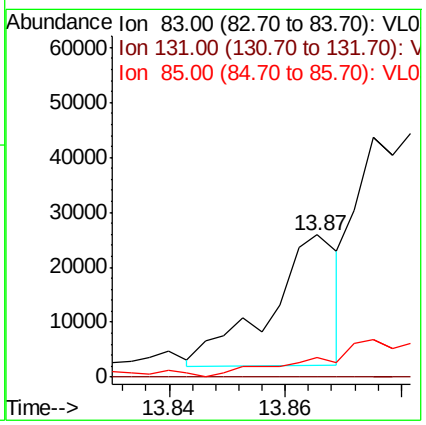


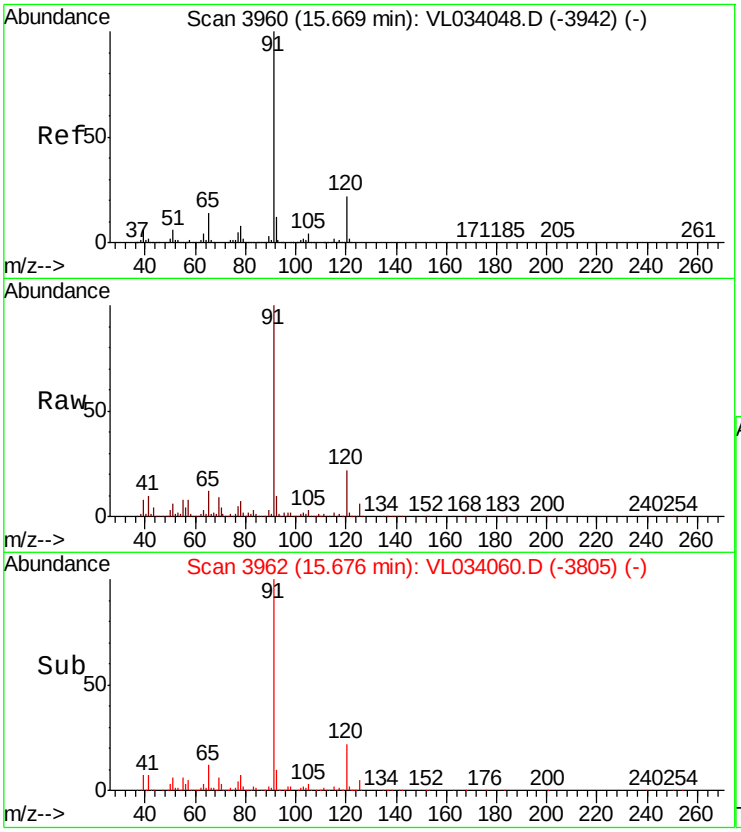


#63
1,1,2,2-Tetrachloroethane
Concen: 0.074 ppbv
RT: 13.87 min Scan# 3399
Delta R.T. 0.08 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 83 Resp: 19638

Ion	Ratio	Lower	Upper
83	100		
131	4.5	4.8	14.4#
85	106.3	32.4	97.0#



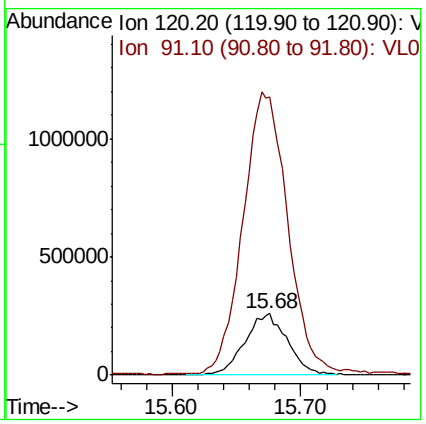


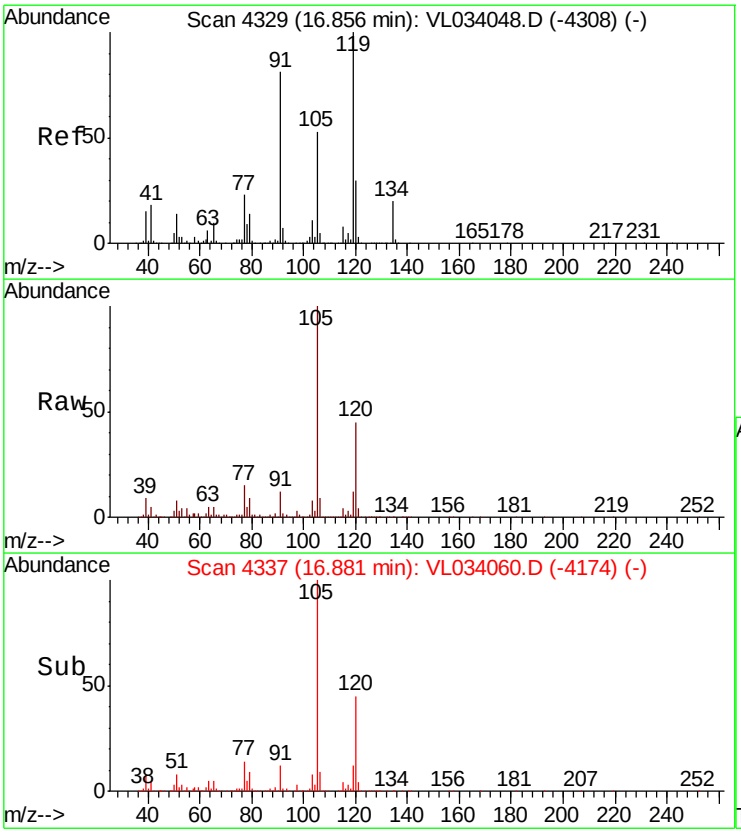
#64
n-propylbenzene
Concen: 4.955 ppbv
RT: 15.68 min Scan# 3962
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 593691

Ion	Ratio	Lower	Upper
120	100		
91	491.9	386.2	579.2

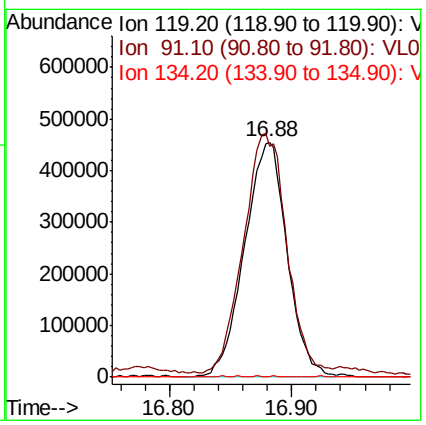


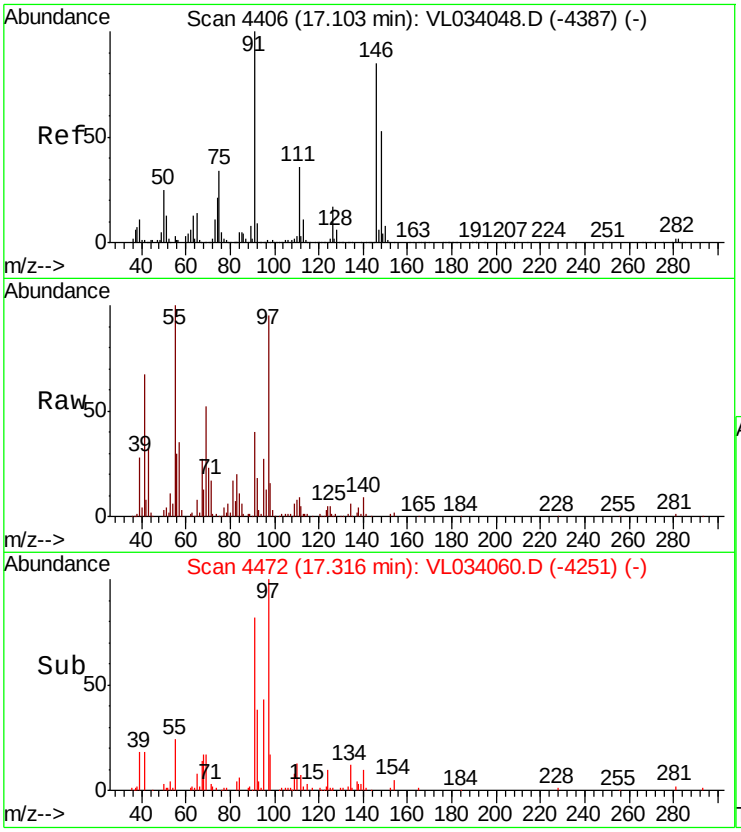


#65
tert-Butylbenzene
Concen: 2.553 ppbv
RT: 16.88 min Scan# 4337
Delta R.T. 0.03 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:119 Resp: 1088813

Ion	Ratio	Lower	Upper
119	100		
91	107.7	66.9	100.3#
134	0.7	15.5	23.3#



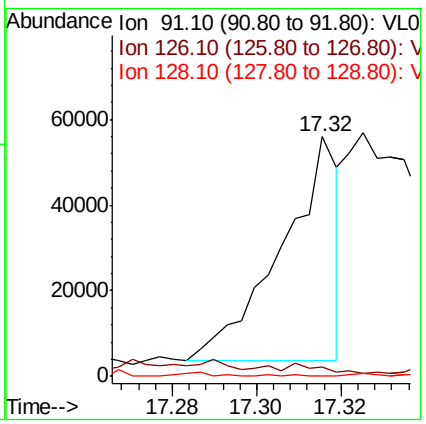


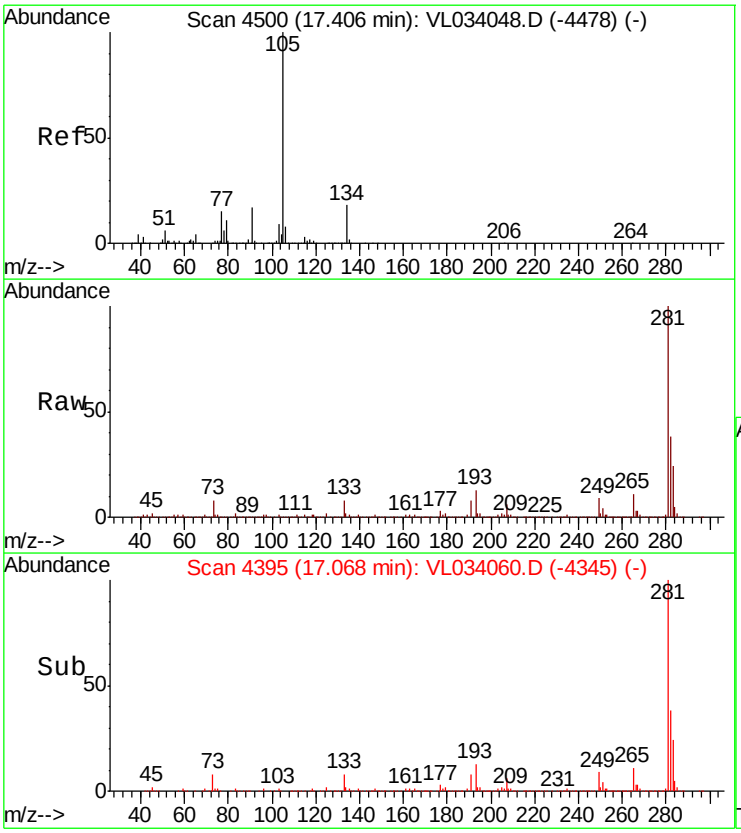
#66
Benzyl Chloride
Concen: 0.228 ppbv
RT: 17.32 min Scan# 4472
Delta R.T. 0.21 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 48697

Ion	Ratio	Lower	Upper
91	100		
126	18.1	13.5	20.3
128	2.0	4.5	6.7#

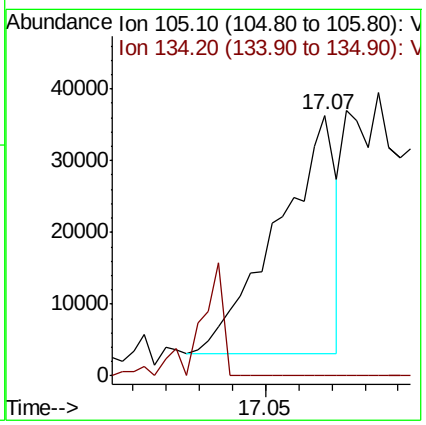


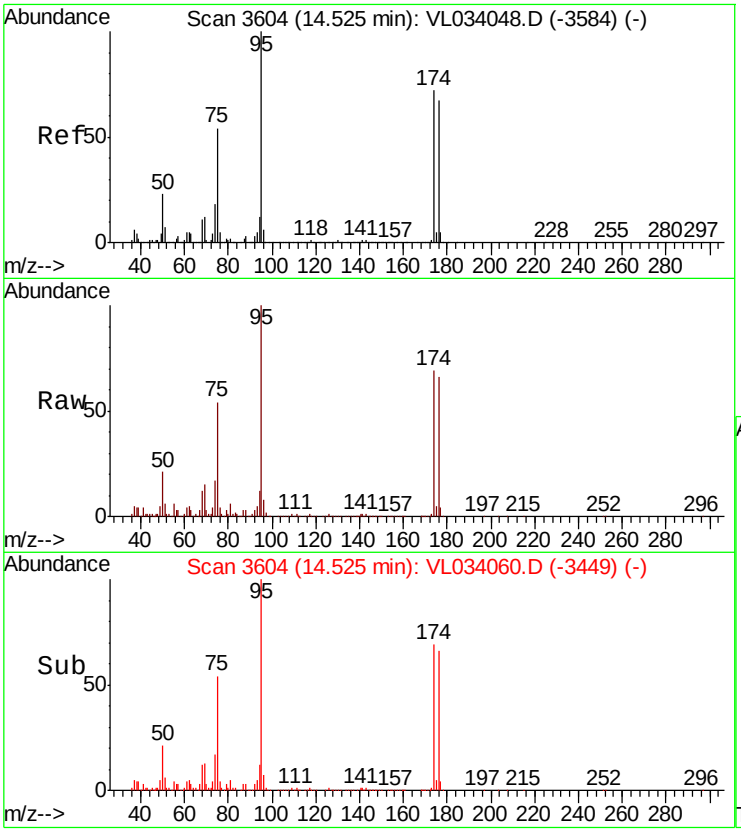


#67
sec-Butylbenzene
Concen: 0.067 ppbv
RT: 17.07 min Scan# 4395
Delta R.T. -0.34 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:105 Resp: 40592

Ion	Ratio	Lower	Upper
105	100		
134	20.1	14.3	21.5



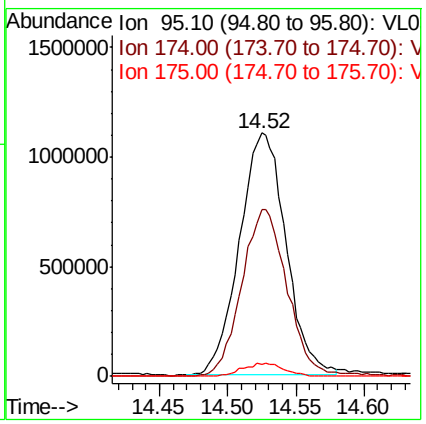


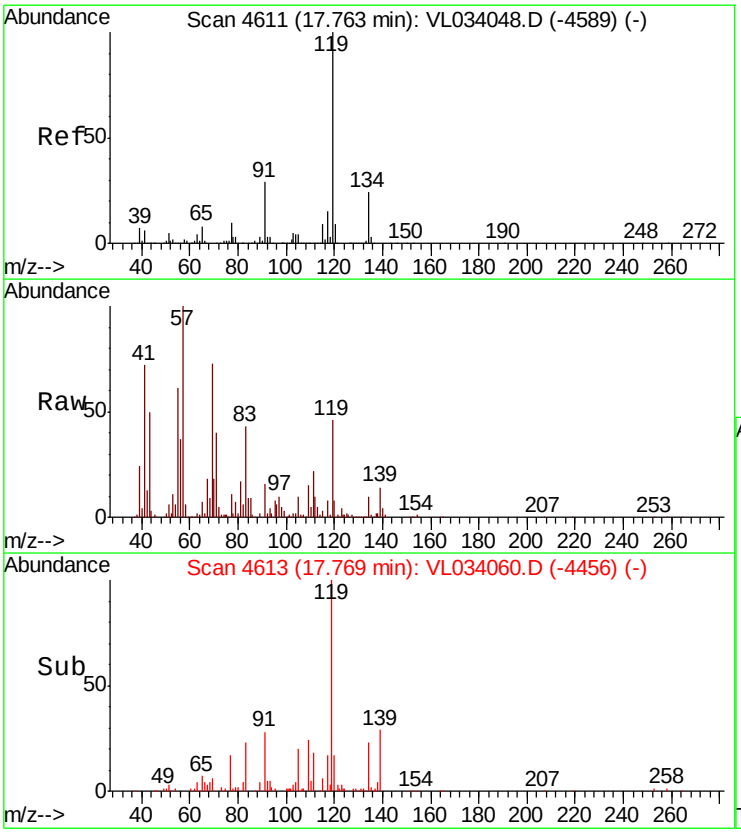
#68
1-Bromo-4-Fluorobenzene
Concen: 10.259 ppbv
RT: 14.52 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2619240

Ion	Ratio	Lower	Upper
95	100		
174	68.2	57.6	86.4
175	4.8	4.1	6.1

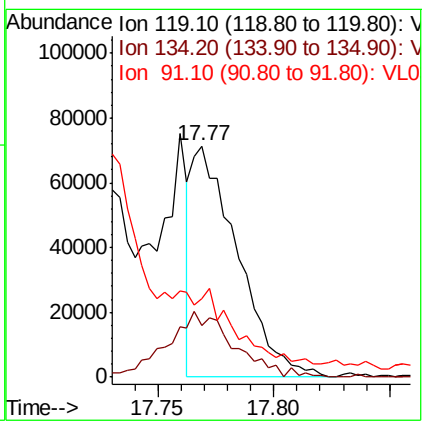


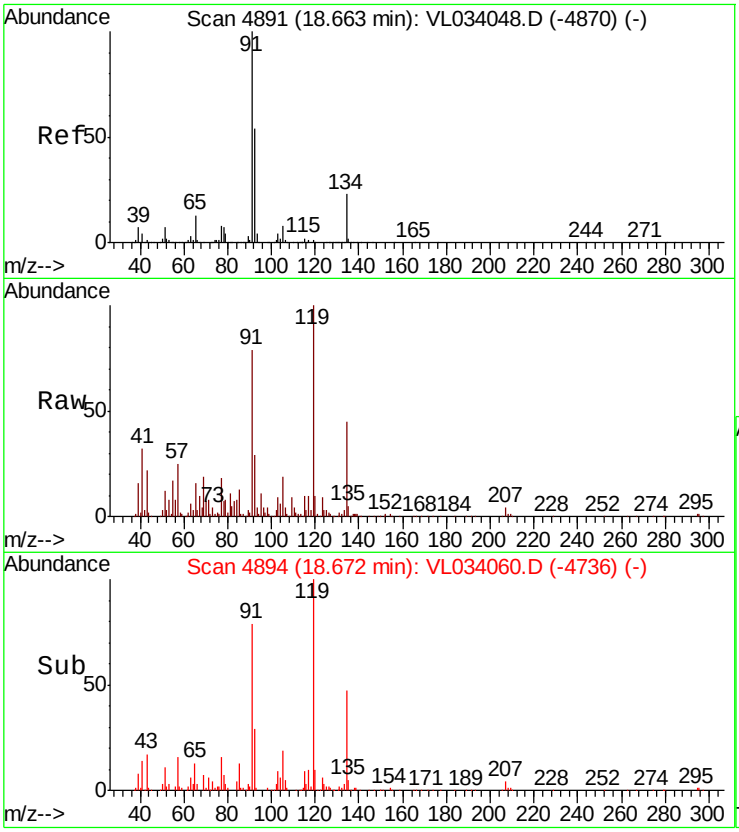


#69
p-Isopropyltoluene
Concen: 0.194 ppbv
RT: 17.77 min Scan# 4613
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:119 Resp: 96112

Ion	Ratio	Lower	Upper
119	100		
134	43.1	20.1	30.1#
91	0.0	23.6	35.4#



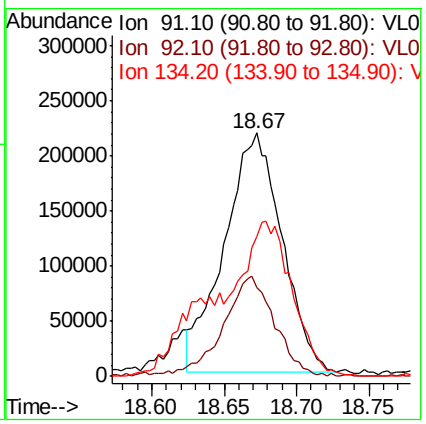


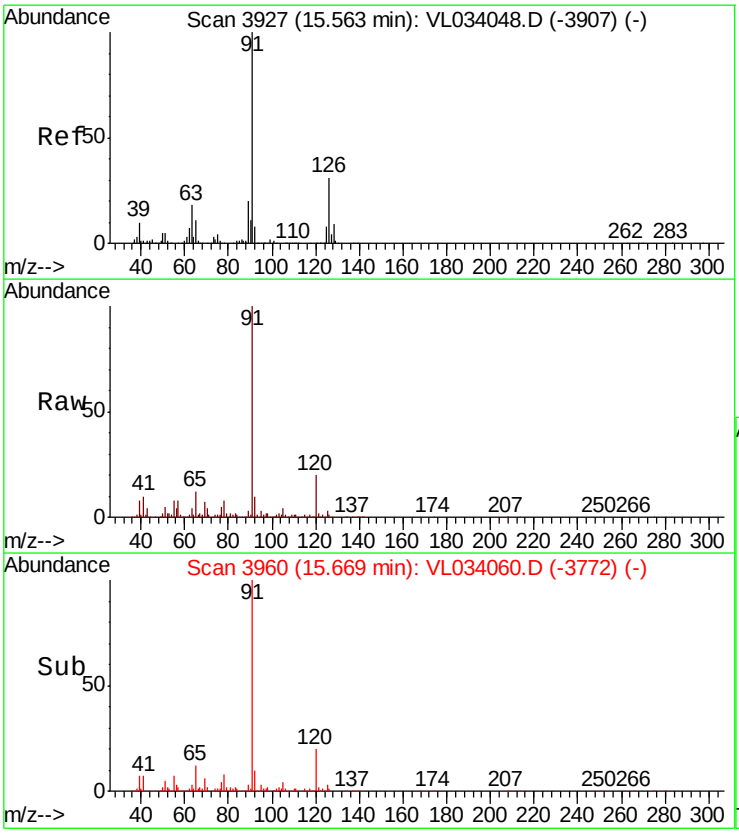
#70
n-Butylbenzene
Concen: 1.151 ppbv
RT: 18.67 min Scan# 4894
Delta R.T. 0.01 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 602050

Ion	Ratio	Lower	Upper
91	100		
92	38.2	42.6	64.0#
134	84.5	17.7	26.5#

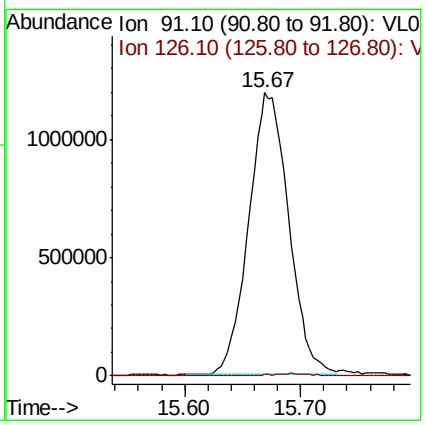


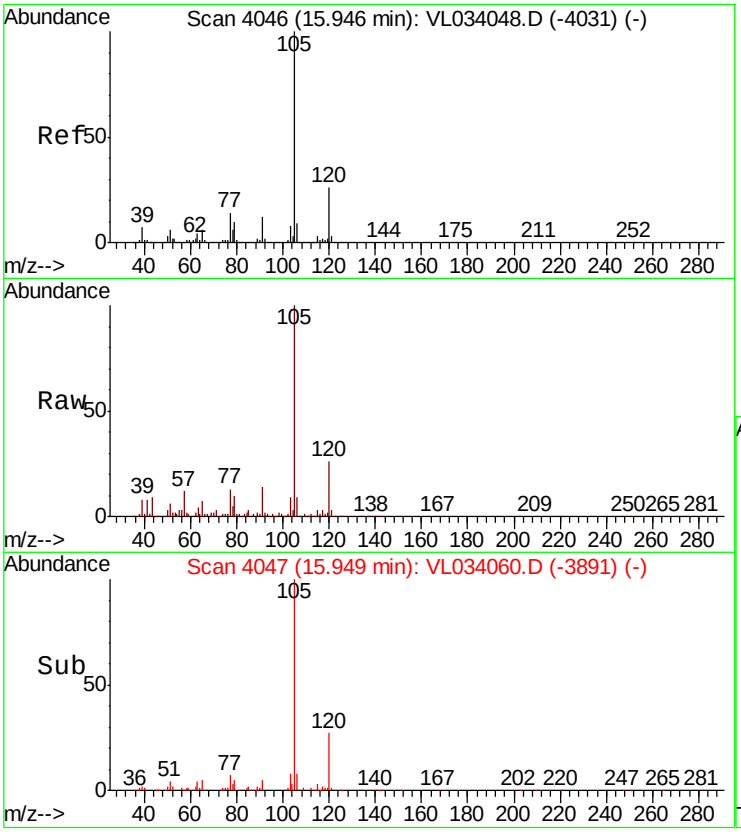


#71
2-Chlorotoluene
Concen: 8.520 ppbv
RT: 15.67 min Scan# 3960
Delta R.T. 0.11 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion: 91 Resp: 2862138

Ion	Ratio	Lower	Upper
91	100		
126	1.0	12.0	48.2#



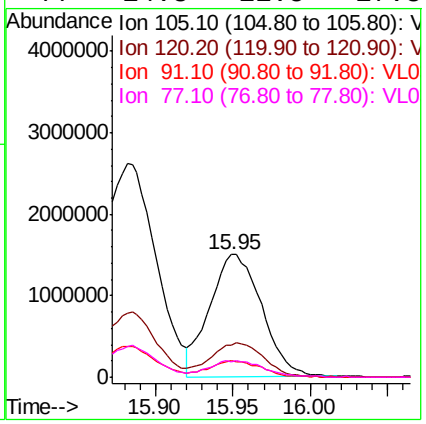


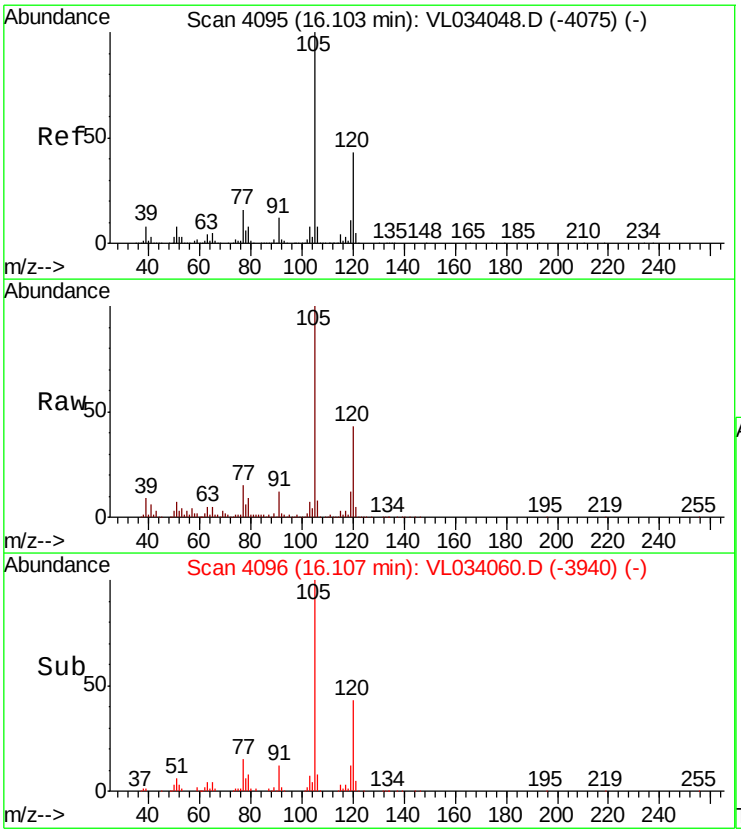
#72
4-Ethyltoluene
Concen: 8.970 ppbv
RT: 15.95 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 3503079

Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.0	34.4
91	13.6	10.6	16.0
77	14.8	11.5	17.3

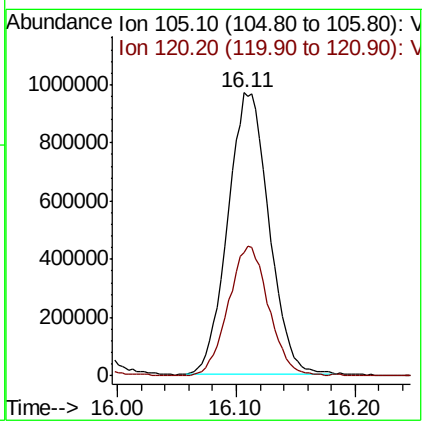


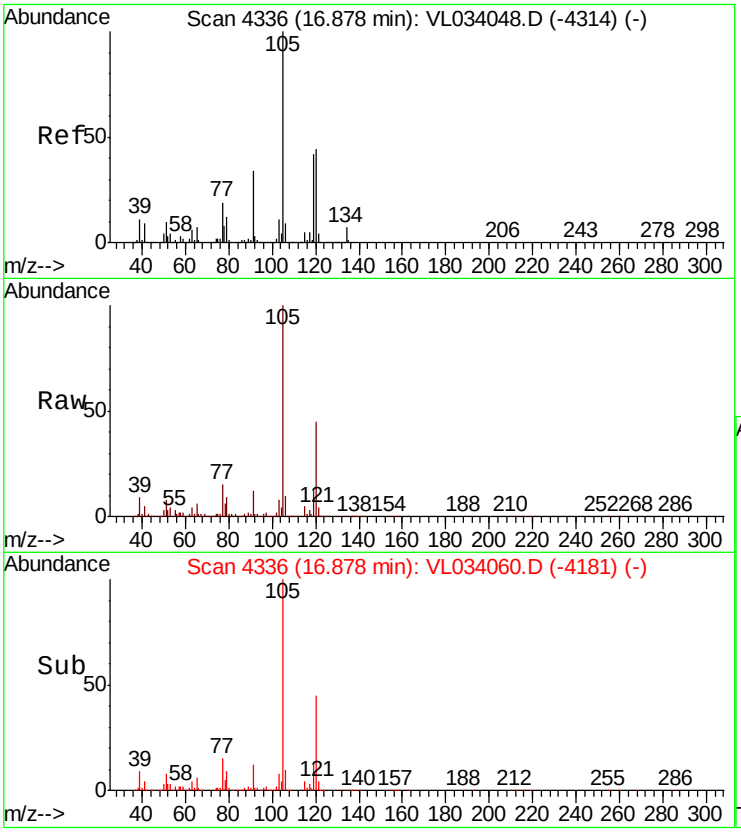


#73
1,3,5-Trimethylbenzene
Concen: 5.816 ppbv
RT: 16.11 min Scan# 4096
Delta R.T. 0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:105 Resp: 2311624

Ion	Ratio	Lower	Upper
105	100		
120	43.5	34.7	52.1



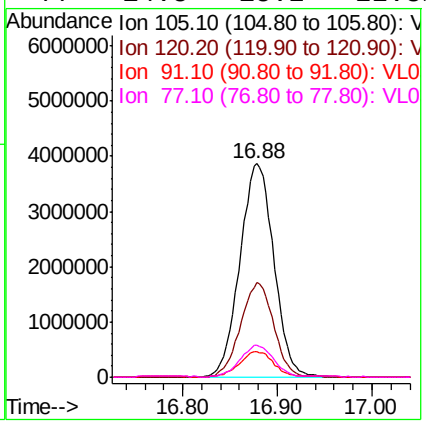


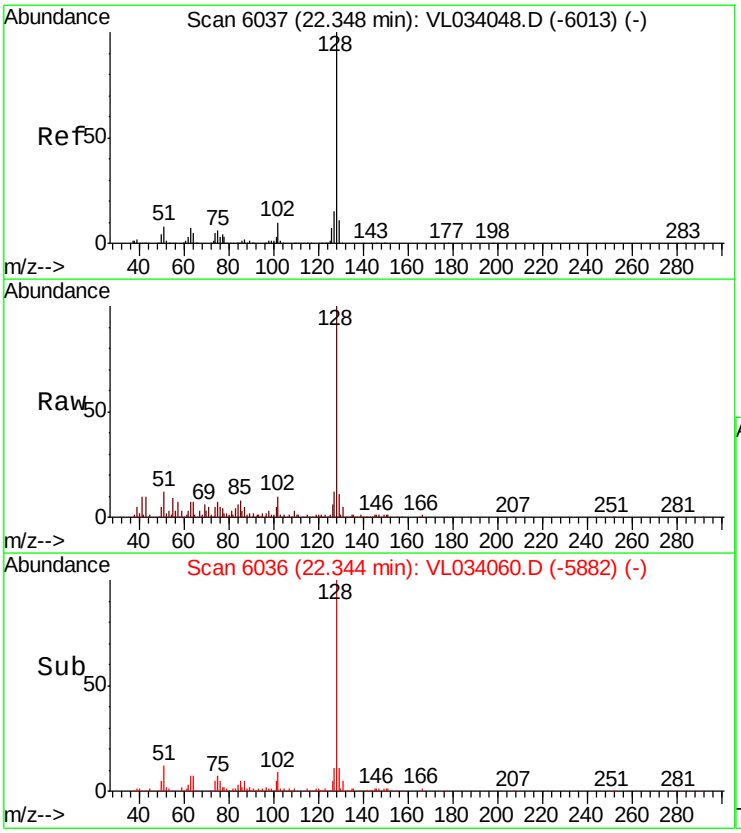
#74
1,2,4-Trimethylbenzene
Concen: 22.080 ppbv
RT: 16.88 min Scan# 4336
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 9640535

Ion	Ratio	Lower	Upper
105	100		
120	44.6	35.6	53.4
91	11.9	28.0	42.0#
77	14.5	15.2	22.8#

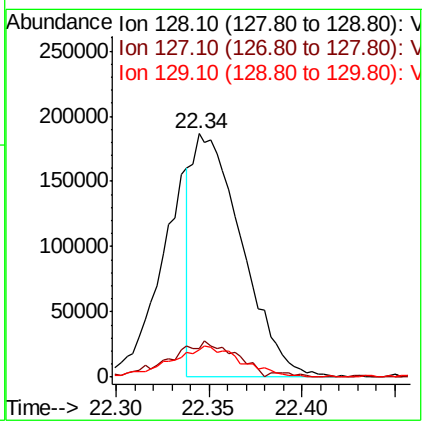


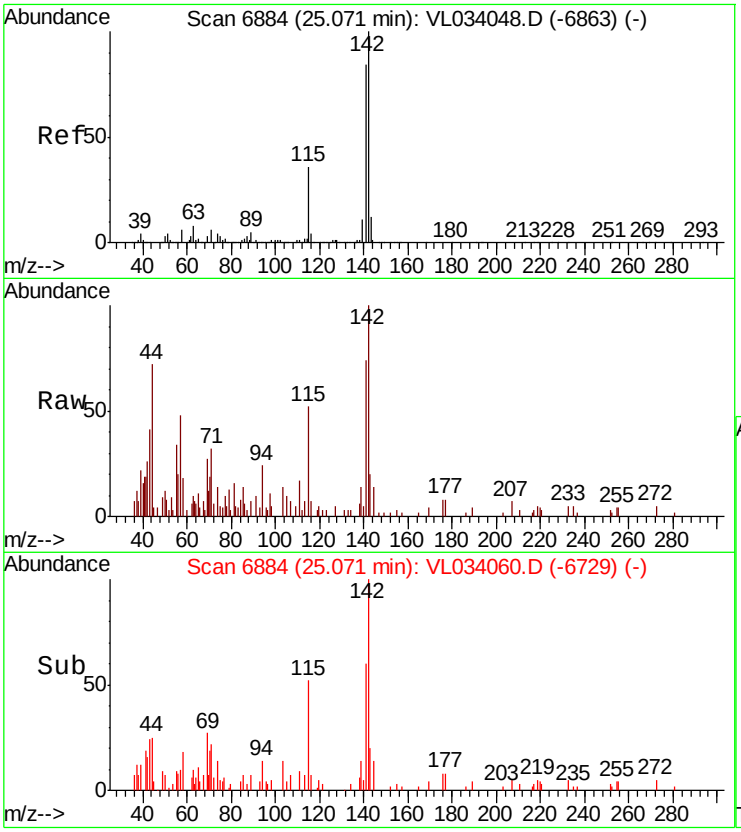


#79
Naphthalene
Concen: 0.899 ppbv
RT: 22.34 min Scan# 6036
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Tgt Ion:128 Resp: 342181

Ion	Ratio	Lower	Upper
128	100		
127	11.5	11.8	17.6#
129	11.1	9.1	13.7





#80
Naphthalene,2-methyl-
Concen: 0.147 ppbv
RT: 25.07 min Scan# 6884
Delta R.T. -0.00 min
Lab File: VL034060.D
Acq: 30 Jul 2019 11:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 19556

Ion	Ratio	Lower	Upper
142	100		
141	80.3	67.6	101.4
115	45.8	29.8	44.6#