Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034770.D
Acq On : 3 Mar 2020 19:09
Operator : SY/AP
Sample : L1704-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 04 05:48:13 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	5.70	49	1069104	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.22	114	2204805	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.15	117	2272857	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1954879	10.49	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	43799	0.260	ppbv	#	83
3) Chlorodifluoromethane	2.94	51	105111	0.911	ppbv	#	76
4) Chloromethane	3.12	50	94856	1.469	ppbv		97
6) Bromomethane	3.47	94	922	0.025	ppbv		84
7) Chloroethane	3.54	64	1543	0.066	ppbv	#	87
9) Propene	3.19	41	166713	3.457	ppbv		84
10) Heptane	8.17	43	771620	6.216	ppbv		99
11) Trichlorofluoromethane	3.94	101	39441	0.267	ppbv		86
12) 1,1,2-Trichlorotrifluoroet	4.49	101	6761	0.065	ppbv		88
13) Ethanol	3.60	45	2435905	159.881	ppbv		98
15) Acetone	3.84	43	10619667	87.171	ppbv	#	68
16) 1,3-Butadiene	3.29	39	22285	0.395	ppbv	#	7
17) tert-Butyl alcohol	4.30	59	57951	0.621	ppbv	#	54
19) Isopropyl Alcohol	3.98	45	50775	0.700	ppbv	#	94
20) Methylene Chloride	4.35	84	210415	4.644	ppbv		93
21) Allyl Chloride	4.37	41	3444	0.043	ppbv	#	1
23) Vinyl Acetate	5.09	43	12615142	76.169	ppbv	#	54
25) Ethyl Acetate	5.70	43	388540	1.802	ppbv	#	91
26) Hexane	5.70	57	336236	3.383	ppbv	#	60
29) Chloroform	5.78	83	9040	0.057	ppbv		98
30) Cyclohexane	7.17	84	23124	0.300	ppbv	#	1
34) 2-Butanone	5.27	43	221646	1.597	ppbv		97
35) Carbon Tetrachloride	7.06	117	4397	0.030	ppbv	#	47
36) Benzene	6.93	78	81348	0.427	ppbv	#	90
37) 1,2-Dichloroethane	6.34	62	3085	0.026	ppbv	#	82
39) 1,2-Dichloropropane	7.22	63	636536	8.402	ppbv	#	22
41) Tetrahydrofuran	6.33	42	11508	0.157	ppbv	#	48
42) Bromodichloromethane	7.84	83	7127	0.045	ppbv	#	24
44) 2,2,4-Trimethylpentane	7.91	57	31736	0.095	ppbv	#	42
50) 4-Methyl-2-Pentanone	8.80	43	61922	0.315	ppbv		97
51) 2-Hexanone	10.16	43	11469	0.074	ppbv	#	76
53) Toluene	9.86	91	9920269	48.980	ppbv		85
58) Ethyl Benzene	12.78	91	801939	2.916	ppbv		96
59) m/p-Xylene	13.03	91	2690683	11.219	ppbv		99
60) o-Xylene	13.76	91	894414	3.758	ppbv		98
61) Styrene	13.61	104	11382	0.074	ppbv	#	27
62) Isopropylbenzene	14.74	105	89217	0.257	ppbv		99
64) n-propylbenzene	15.64	120	46511	0.520	ppbv	#	1
65) tert-Butylbenzene	16.83	119	193568	0.646	ppbv	#	63
66) Benzyl Chloride	16.94	91	2958	0.026	ppbv	#	1
67) sec-Butylbenzene	17.38	105	11214	0.026	ppbv	#	59

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034770.D
Acq On : 3 Mar 2020 19:09
Operator : SY/AP
Sample : L1704-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 04 05:48:13 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	18.64	91	21543	0.056	ppbv	#	33
71) 2-Chlorotoluene	15.91	91	33287	0.124	ppbv		76
72) 4-Ethyltoluene	15.91	105	703198	2.655	ppbv		98
73) 1,3,5-Trimethylbenzene	16.07	105	622960	2.445	ppbv		94
74) 1,2,4-Trimethylbenzene	16.83	105	1773455	6.302	ppbv	#	67
79) Naphthalene	22.32	128	16714	0.067	ppbv		97
80) Naphthalene,2-methyl-	25.04	142	12459	0.163	ppbv	#	83

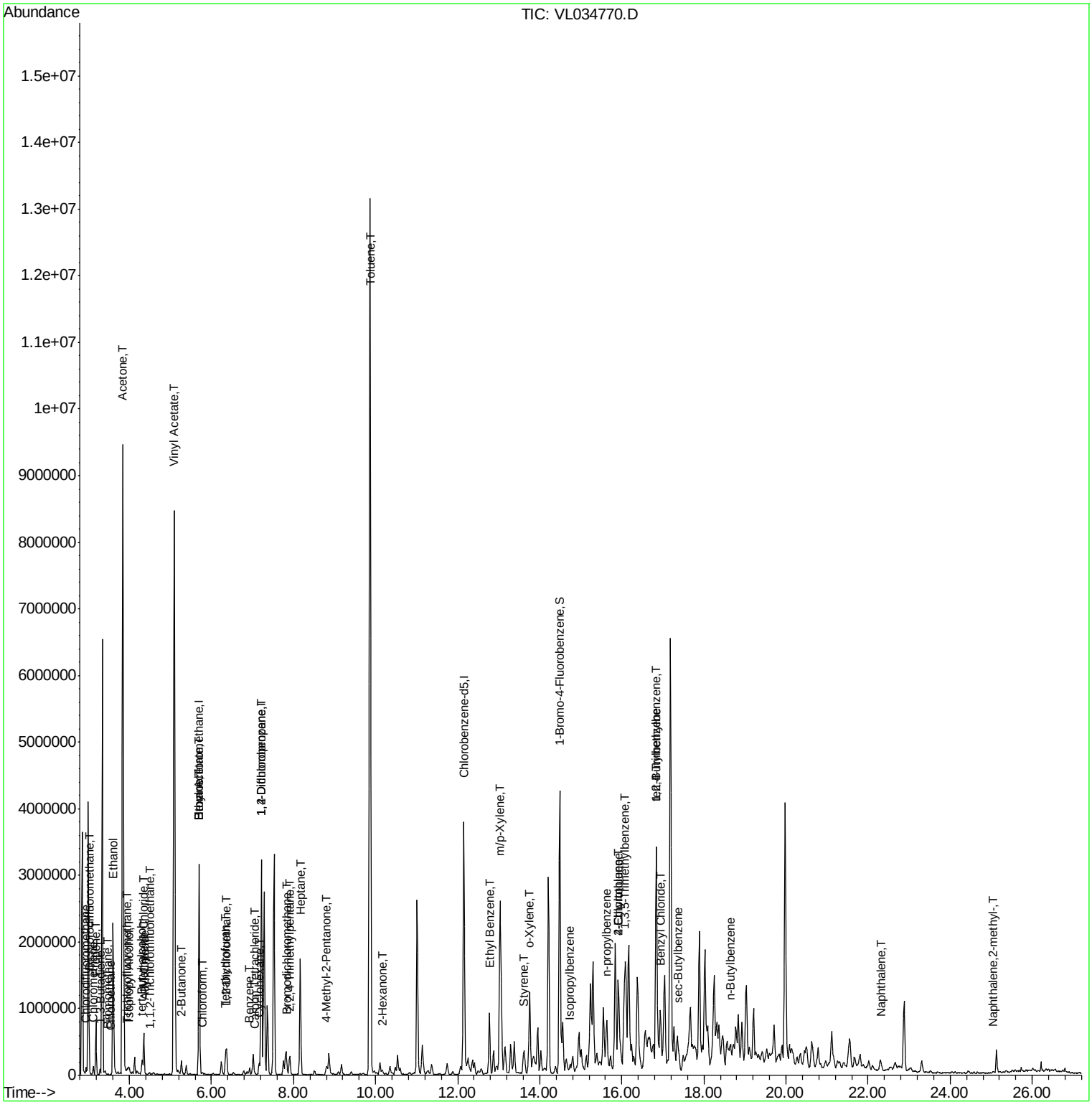
(#) = qualifier out of range (m) = manual integration (+) = signals summed

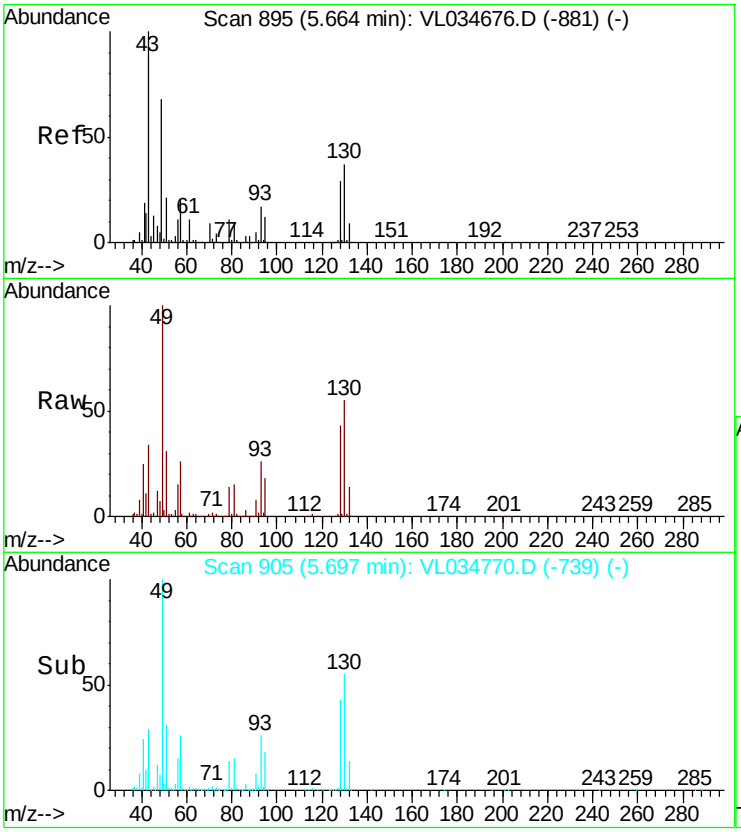
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030320\
Data File : VL034770.D
Acq On : 3 Mar 2020 19:09
Operator : SY/AP
Sample : L1704-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 04 05:48:13 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



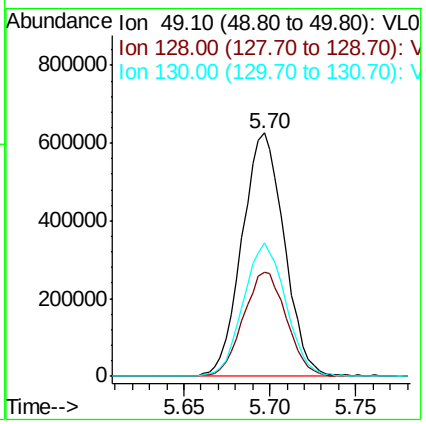


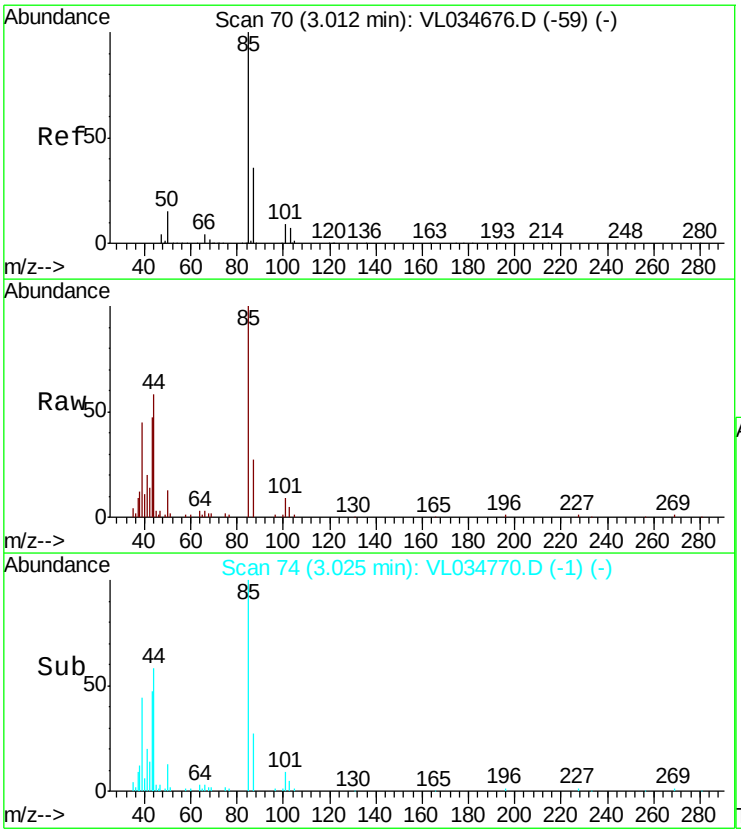
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1069104

Ion	Ratio	Lower	Upper
49	100		
128	43.5	21.6	65.0
130	55.2	27.7	83.1

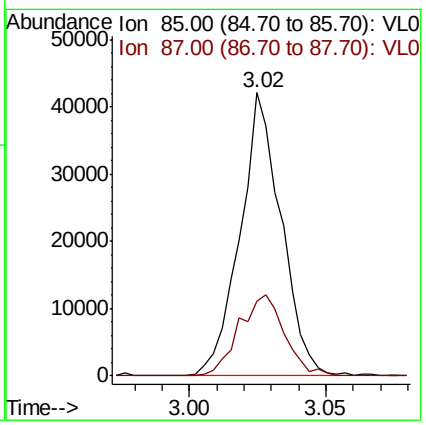


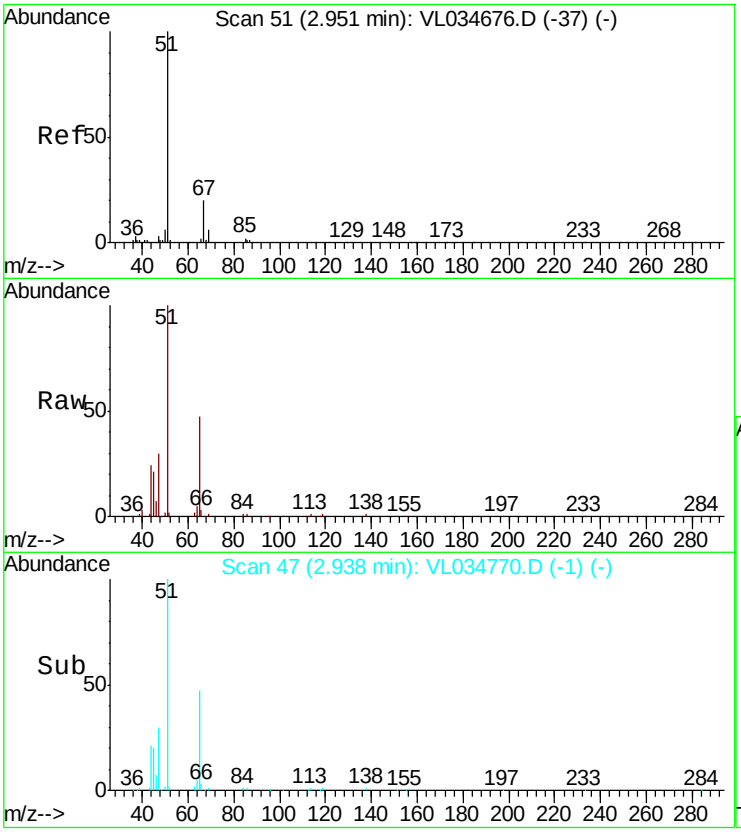


#2
Dichlorodifluoromethane
Concen: 0.260 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 85 Resp: 43799

Ion	Ratio	Lower	Upper
85	100		
87	26.5	29.2	43.8#



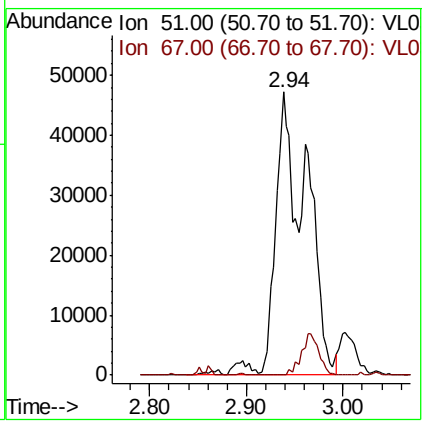


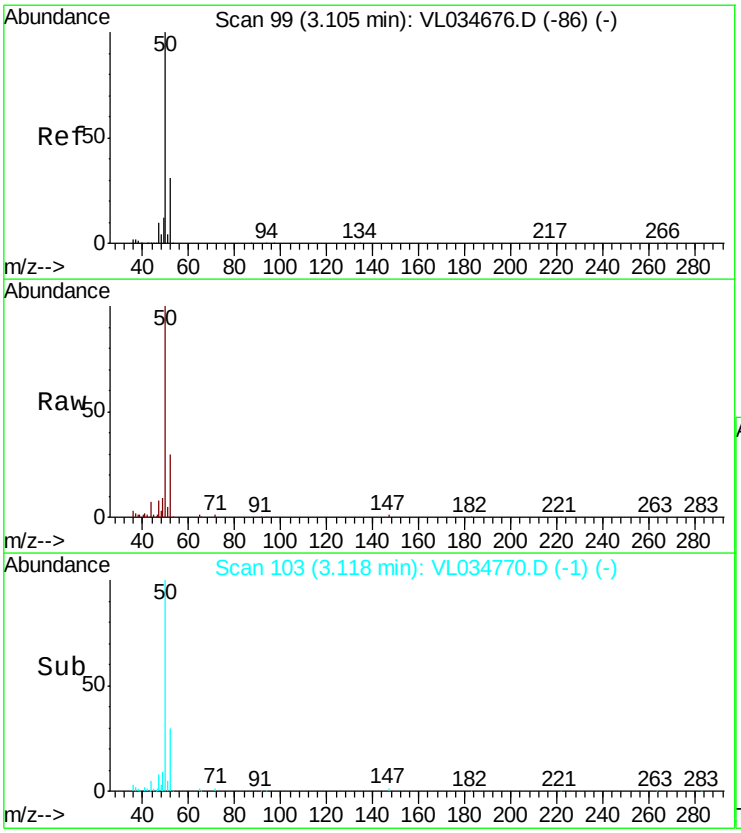
#3
Chlorodifluoromethane
Concen: 0.911 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.01 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 51 Resp: 105111

Ion	Ratio	Lower	Upper
51	100		
67	8.3	15.5	23.3#

Instrument :
MSVOA_L
ClientSampleId :

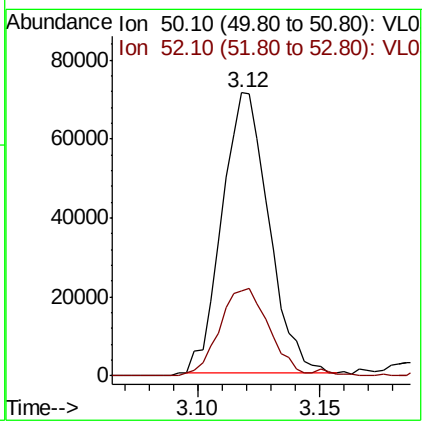


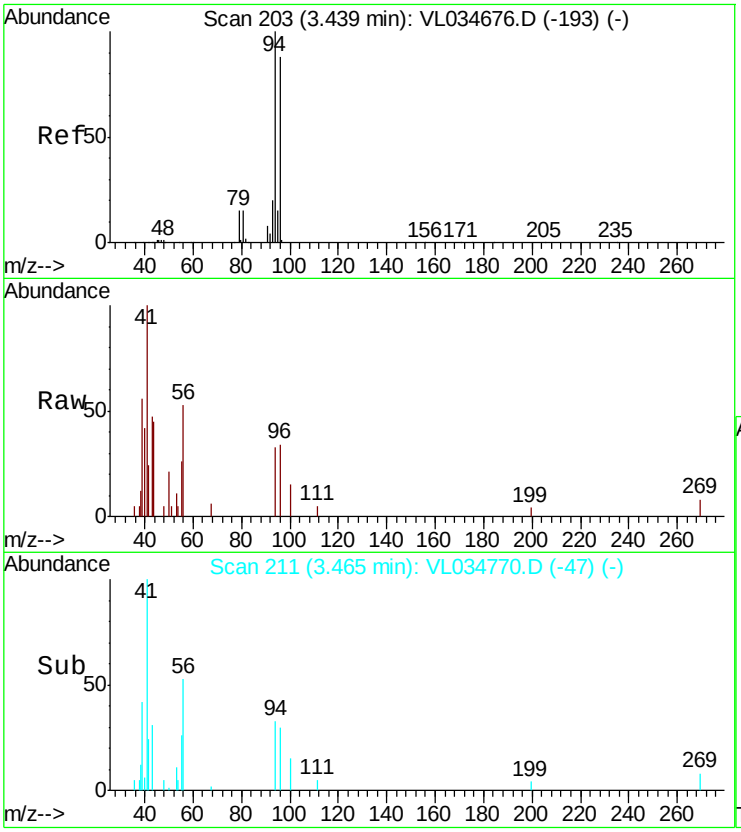


#4
Chloromethane
Concen: 1.469 ppbv
RT: 3.12 min Scan# 103
Delta R.T. 0.01 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 50 Resp: 94856

Ion	Ratio	Lower	Upper
50	100		
52	29.8	25.0	37.4



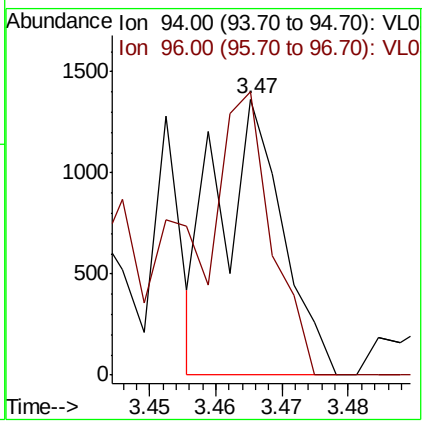


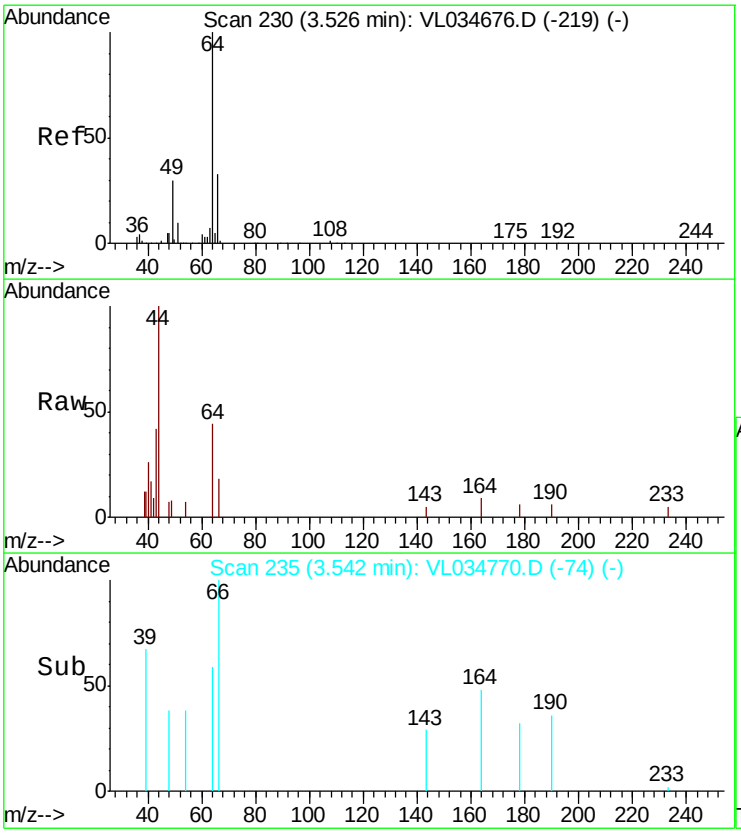
#6
Bromomethane
Concen: 0.025 ppbv
RT: 3.47 min Scan# 211
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 94 Resp: 922

Ion	Ratio	Lower	Upper
94	100		
96	102.6	70.5	105.7

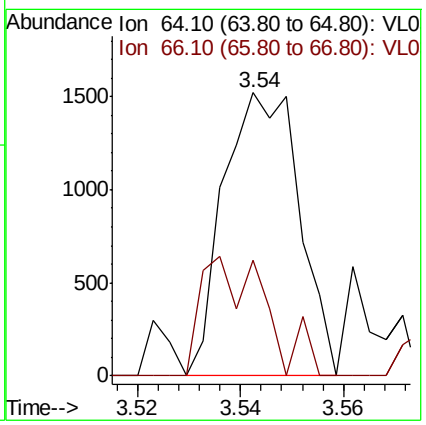


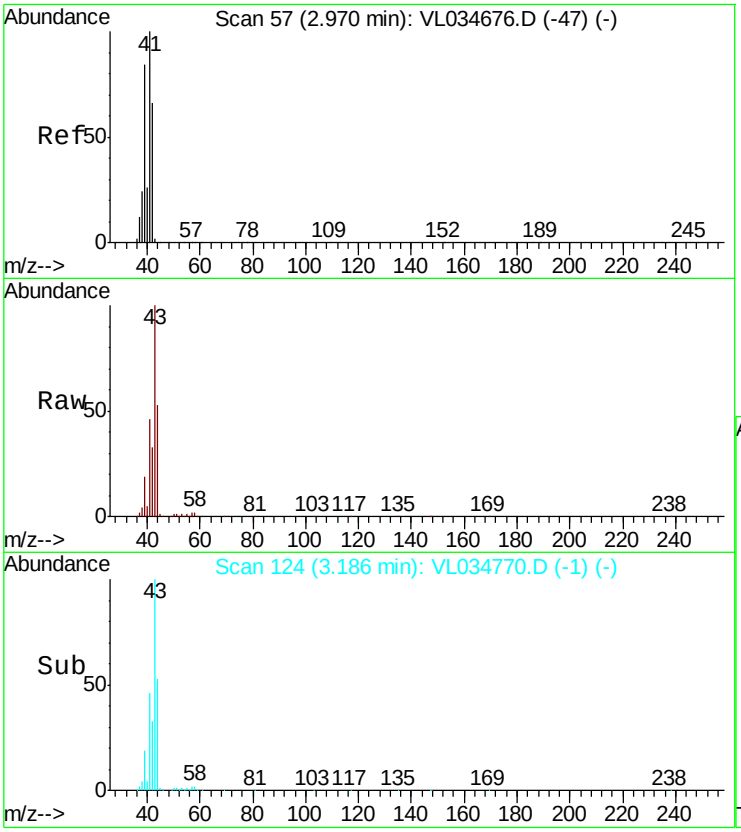


#7
Chloroethane
Concen: 0.066 ppbv
RT: 3.54 min Scan# 235
Delta R.T. 0.02 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 64 Resp: 1543

Ion	Ratio	Lower	Upper
64	100		
66	40.9	26.7	40.1#



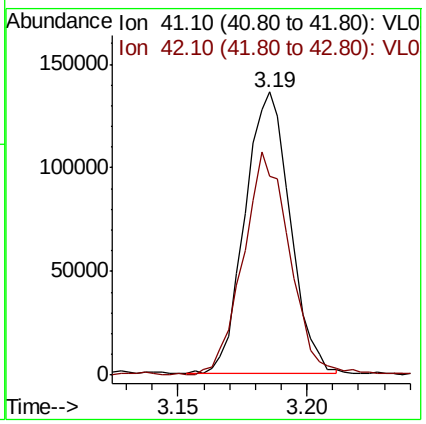


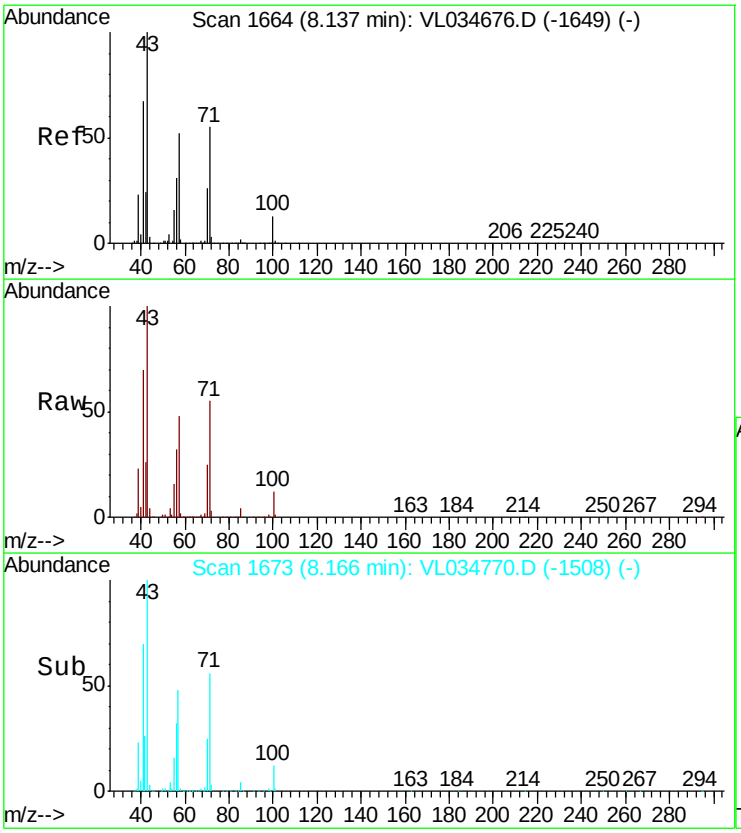
#9
Propene
Concen: 3.457 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.22 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 166713

Ion	Ratio	Lower	Upper
41	100		
42	81.7	54.9	82.3

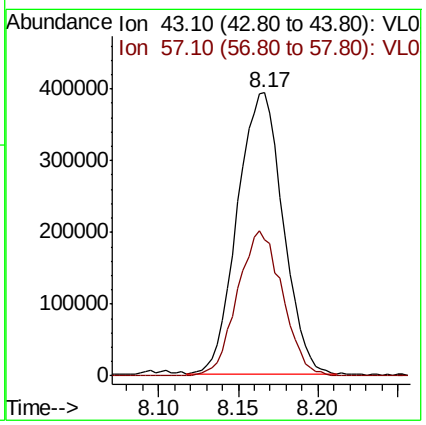


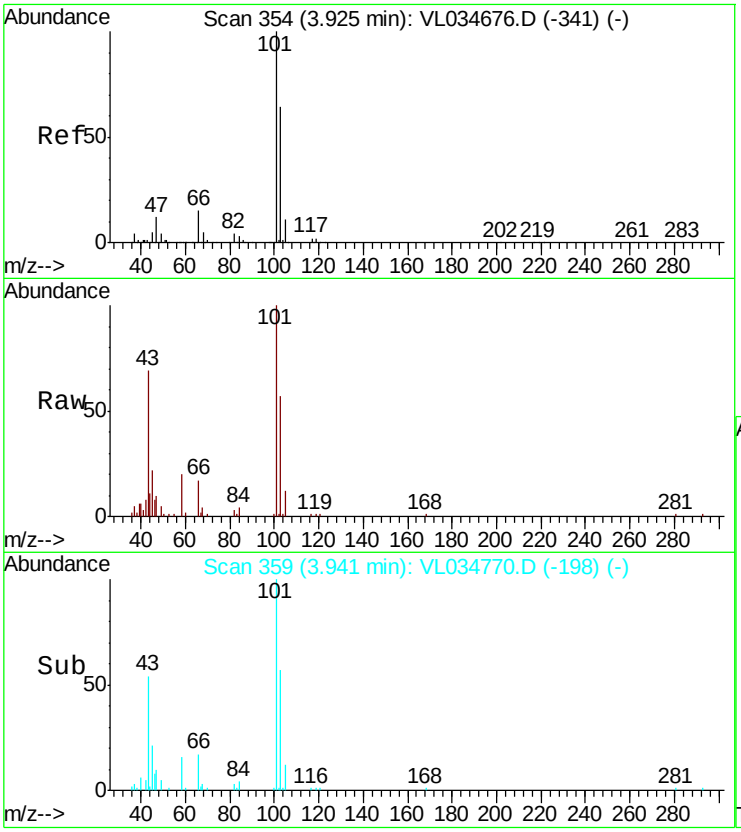


#10
Heptane
Concen: 6.216 ppbv
RT: 8.17 min Scan# 1673
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 43 Resp: 771620

Ion	Ratio	Lower	Upper
43	100		
57	50.5	41.0	61.6



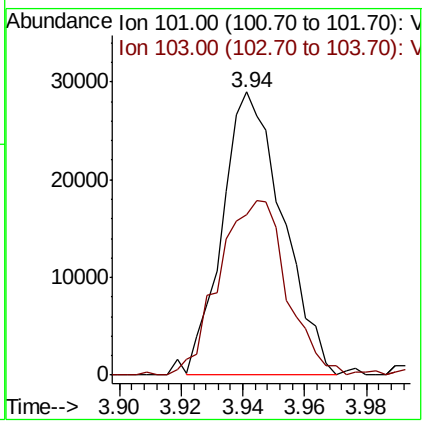


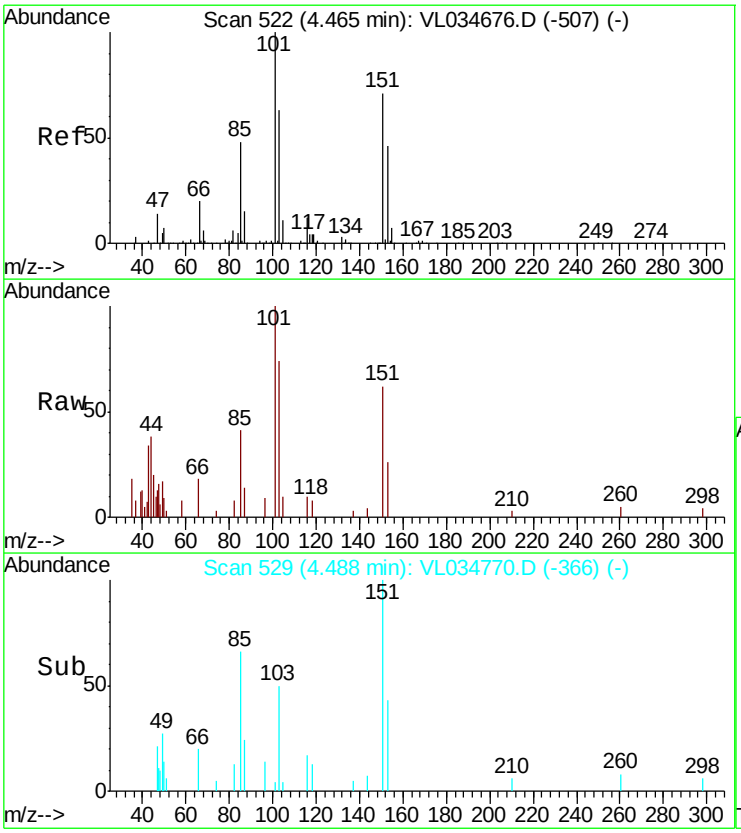
#11
Trichlorofluoromethane
Concen: 0.267 ppbv
RT: 3.94 min Scan# 359
Delta R.T. 0.02 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 39441

Ion	Ratio	Lower	Upper
101	100		
103	53.3	51.2	76.8

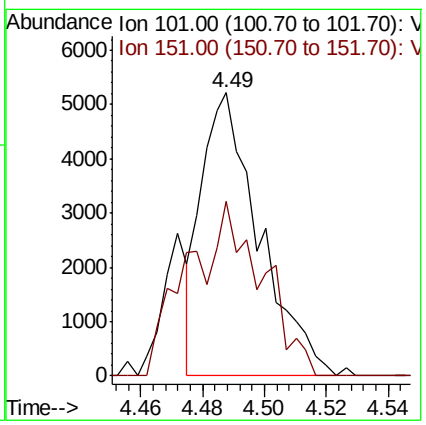


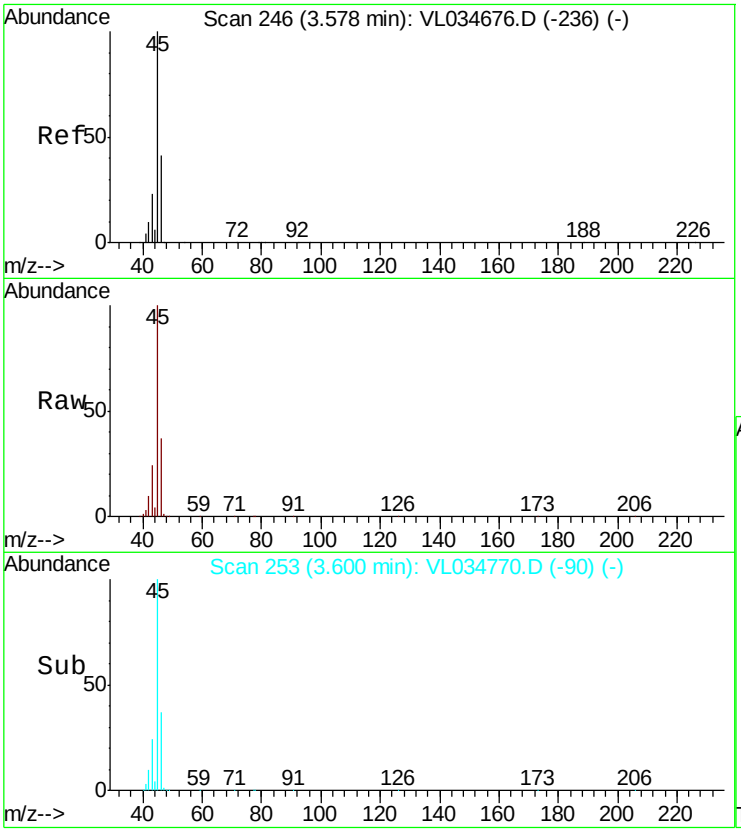


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.065 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.02 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:101 Resp: 6761

Ion	Ratio	Lower	Upper
101	100		
151	79.5	55.8	83.6



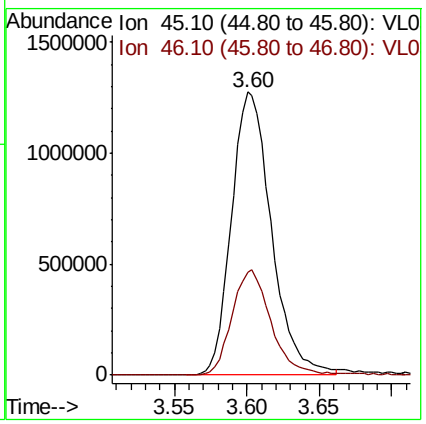


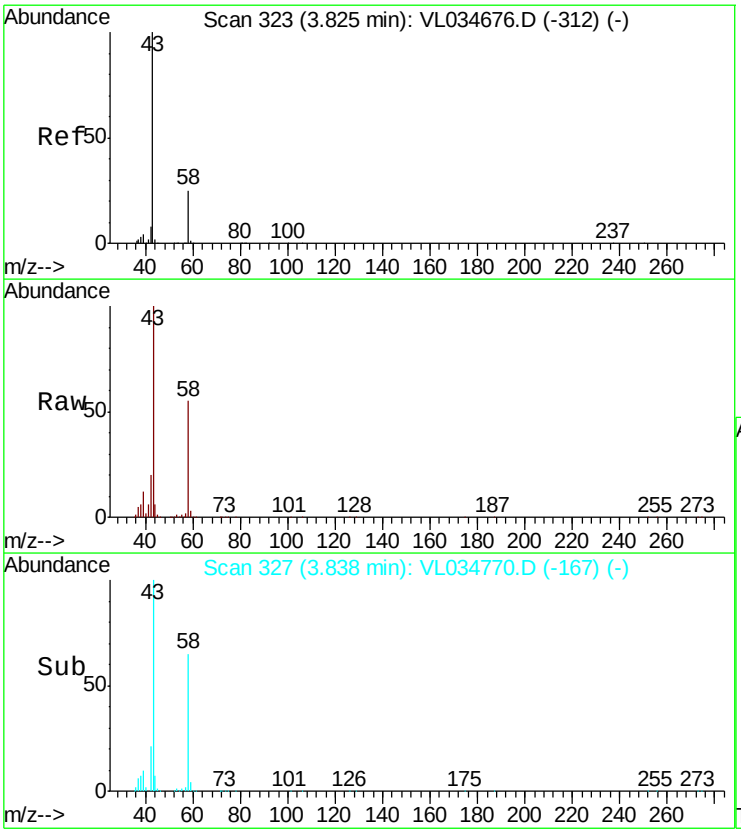
#13
Ethanol
Concen: 159.881 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.02 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2435905

Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.4	61.4

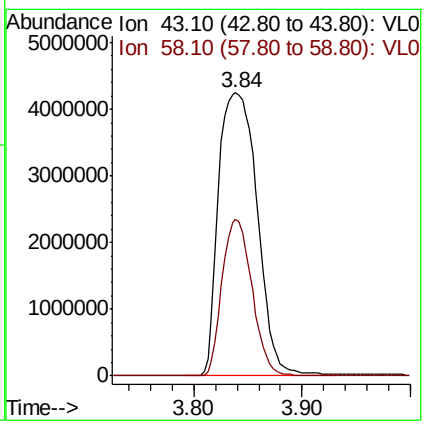


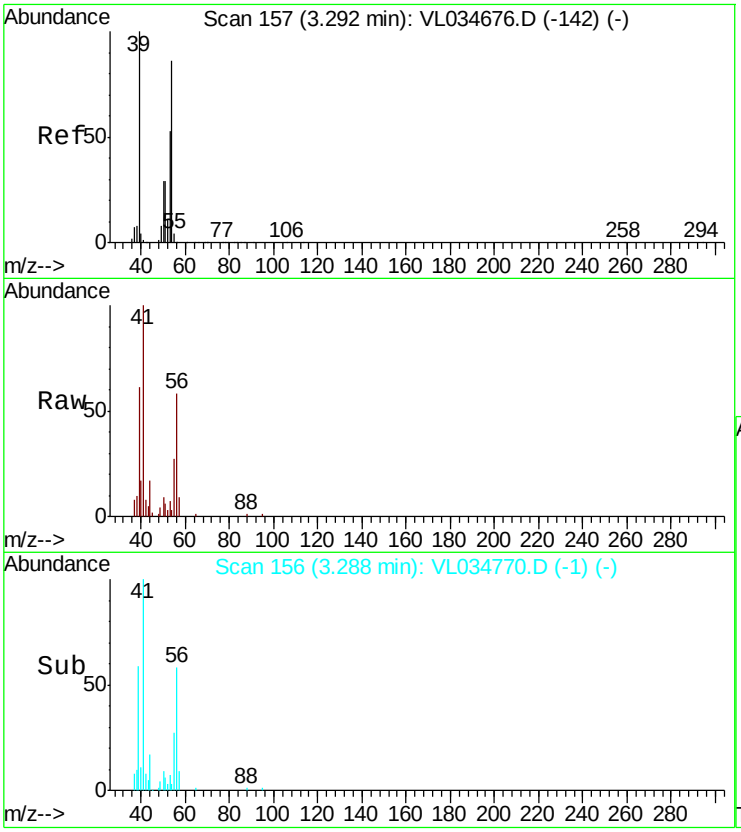


#15
Acetone
Concen: 87.171 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 43 Resp:10619667

Ion	Ratio	Lower	Upper
43	100		
58	43.1	21.4	32.0#



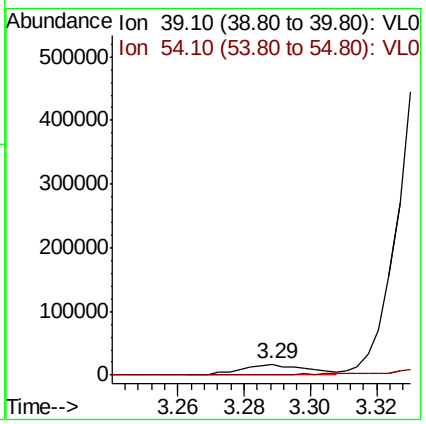


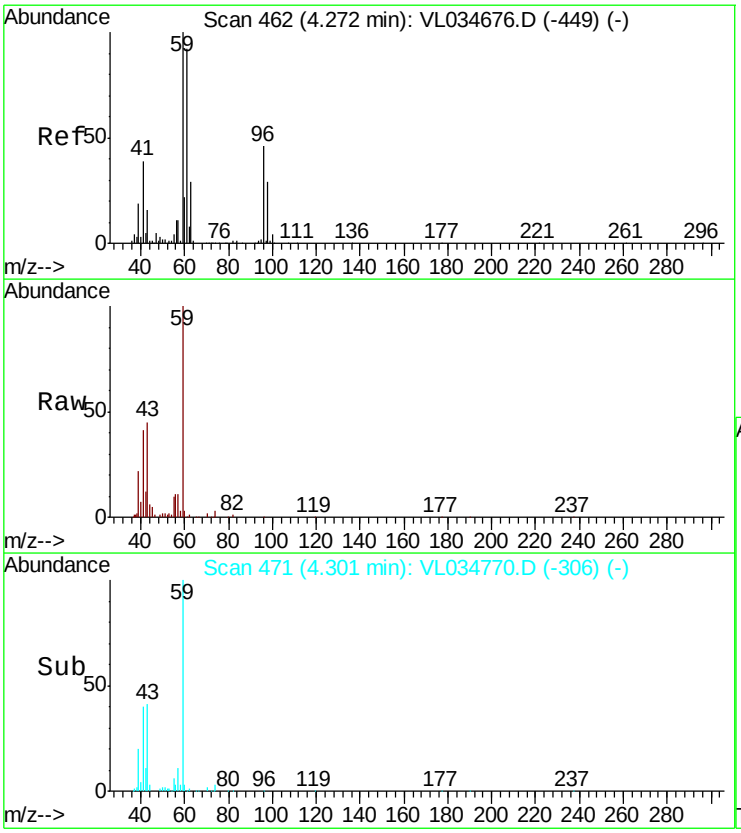
#16
1,3-Butadiene
Concen: 0.395 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.00 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 22285

Ion	Ratio	Lower	Upper
39	100		
54	0.0	67.0	100.6#

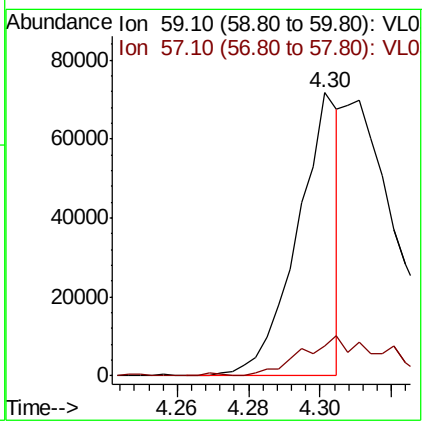


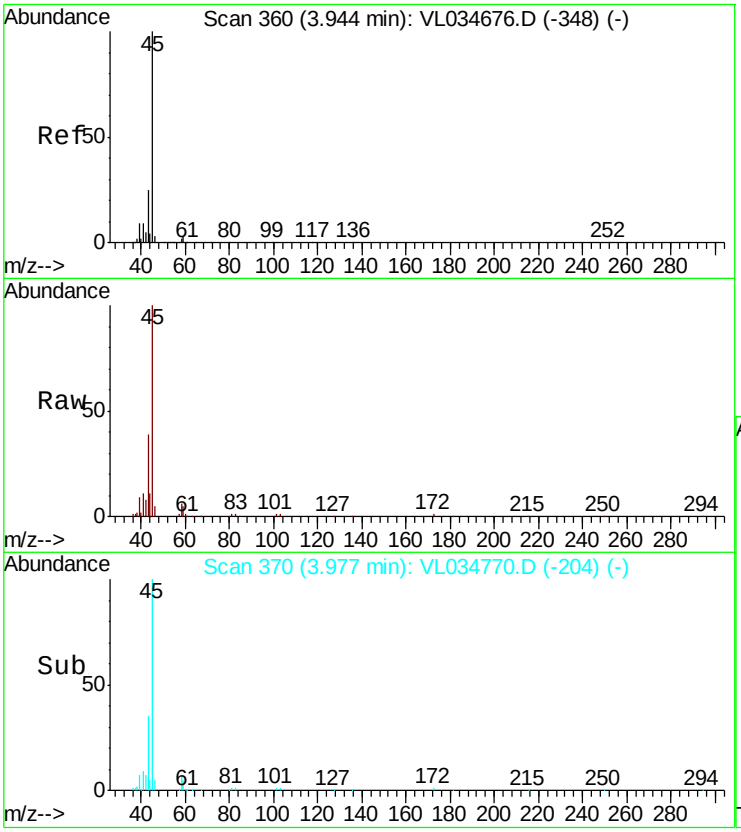


#17
tert-Butyl alcohol
Concen: 0.621 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 59 Resp: 57951

Ion	Ratio	Lower	Upper
59	100		
57	28.3	8.8	13.2#



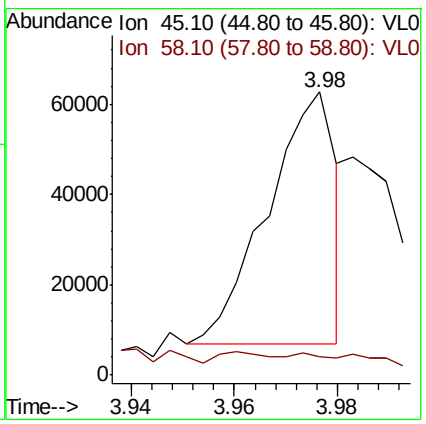


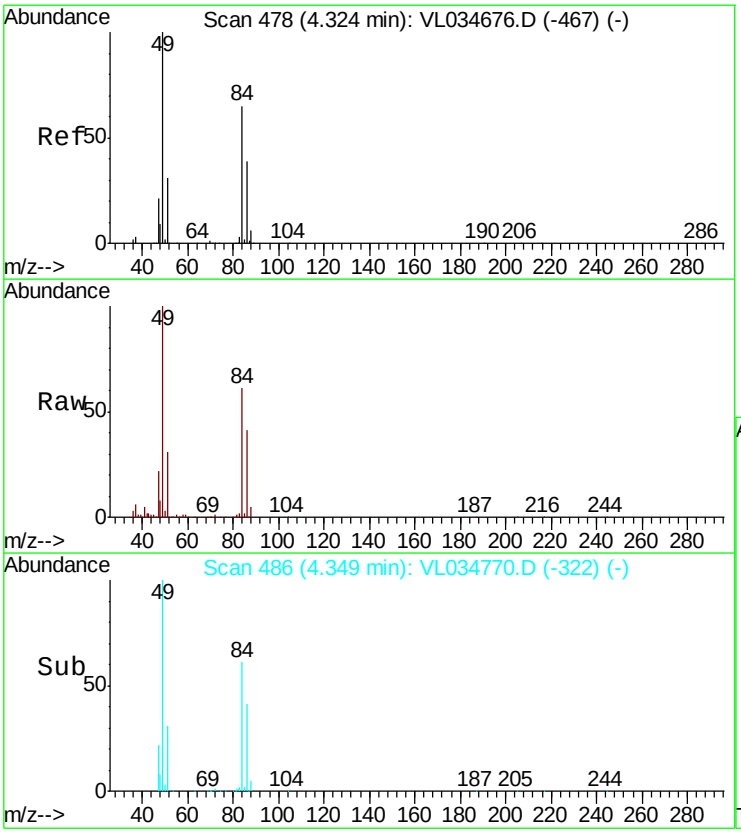
#19
Isopropyl Alcohol
Concen: 0.700 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 50775

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#

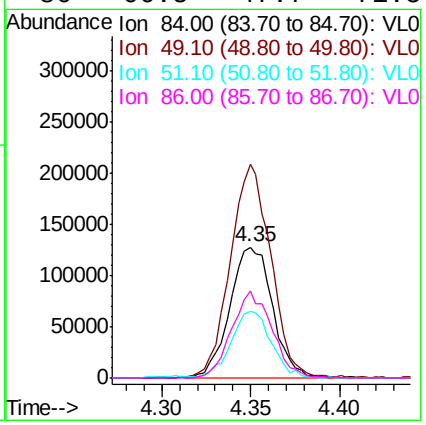


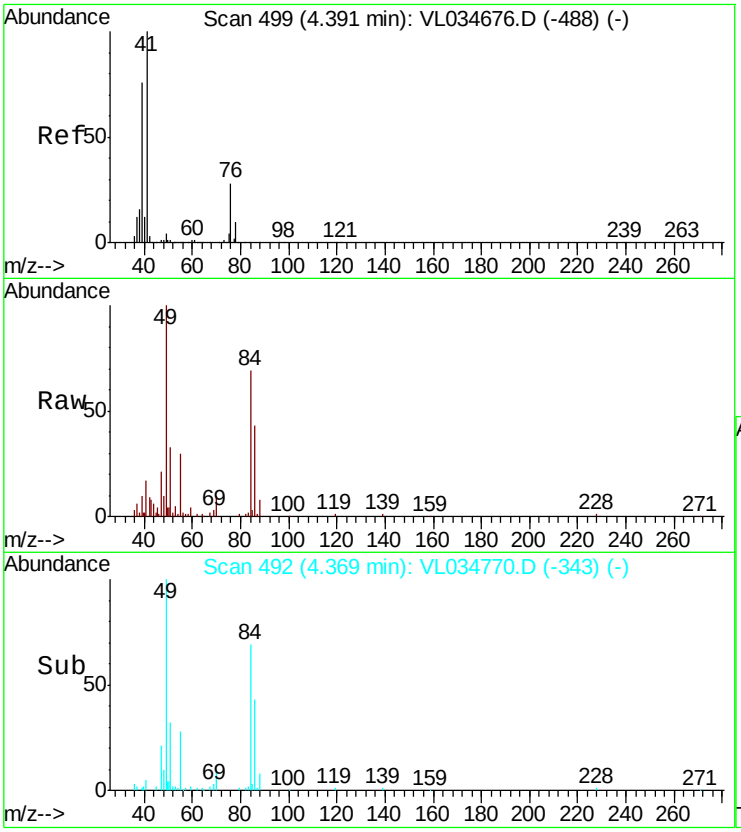


#20
Methylene Chloride
Concen: 4.644 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 84 Resp: 210415

Ion	Ratio	Lower	Upper
84	100		
49	162.6	122.8	184.2
51	51.0	38.6	58.0
86	66.5	47.7	71.5



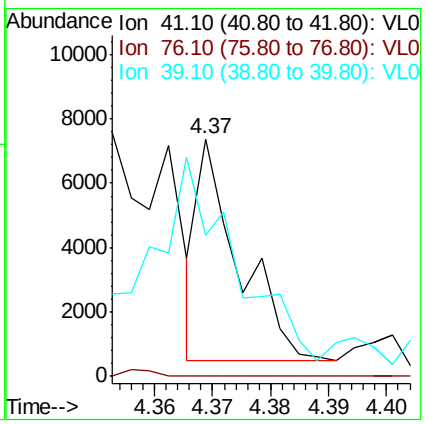


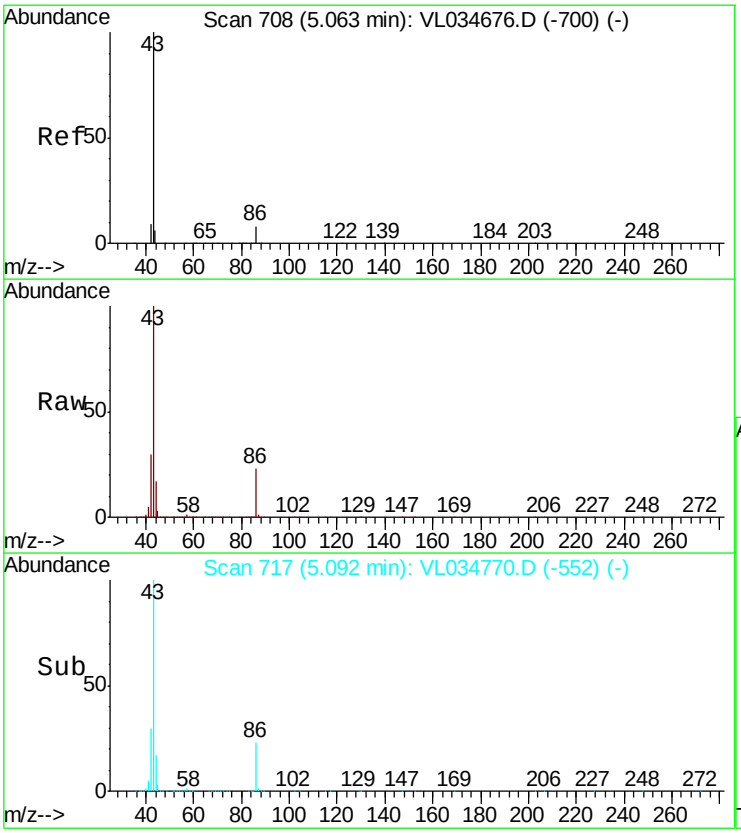
#21
Allvl Chloride
Concen: 0.043 ppbv
RT: 4.37 min Scan# 492
Delta R.T. -0.02 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 3444

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	187.8	61.7	92.5#

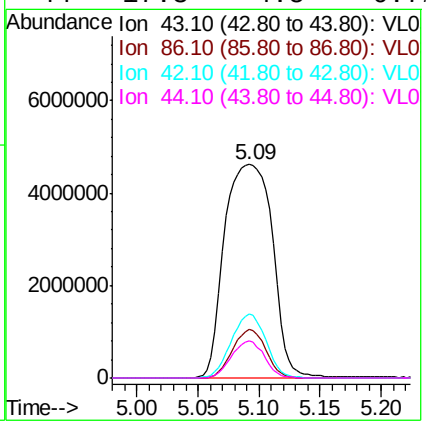


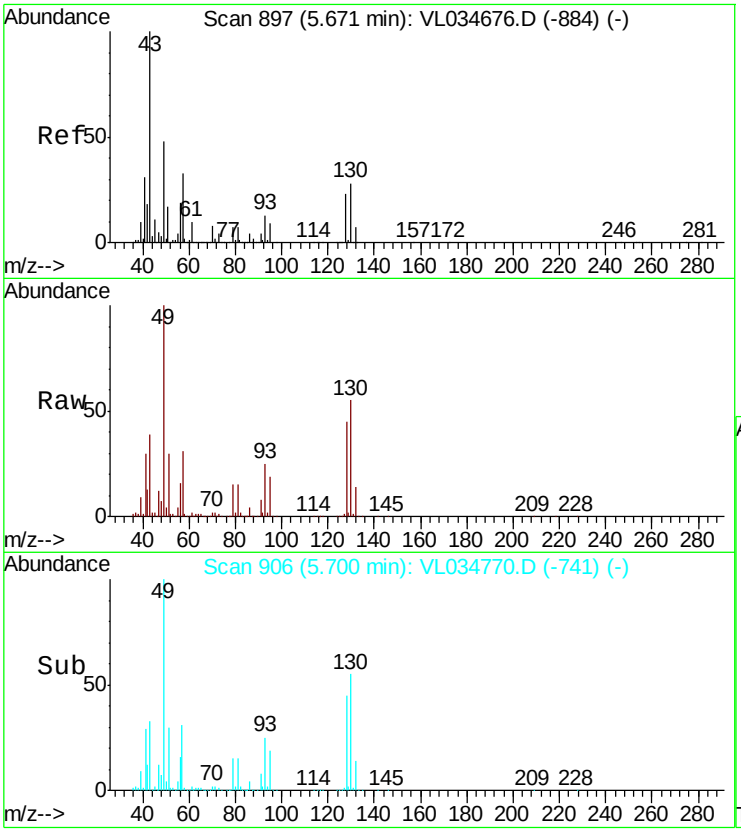


#23
Vinyl Acetate
Concen: 76.169 ppbv
RT: 5.09 min Scan# 717
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 43 Resp:12615142

Ion	Ratio	Lower	Upper
43	100		
86	22.9	6.0	9.0#
42	30.1	8.0	12.0#
44	17.3	4.5	6.7#



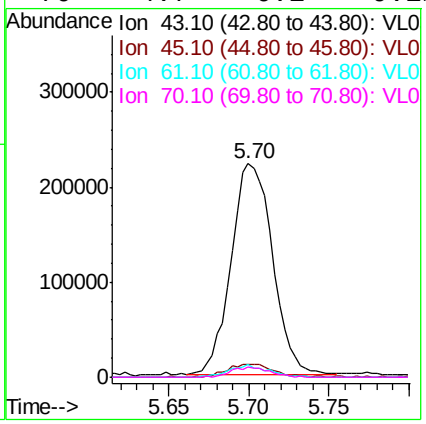


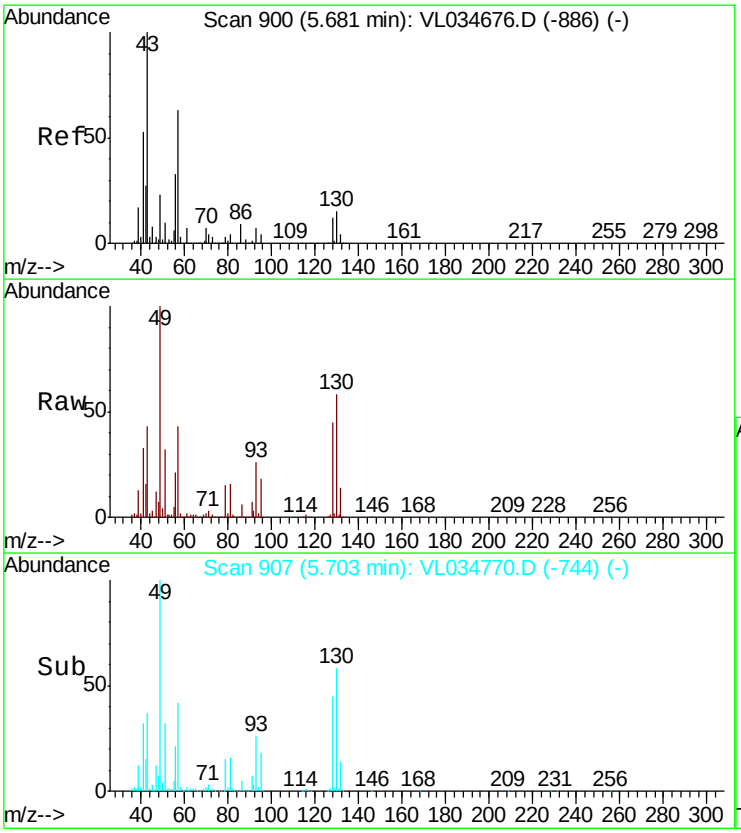
#25
Ethyl Acetate
Concen: 1.802 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 388540

Ion	Ratio	Lower	Upper
43	100		
45	7.6	8.2	12.4#
61	5.8	7.8	11.6#
70	4.7	6.1	9.1#

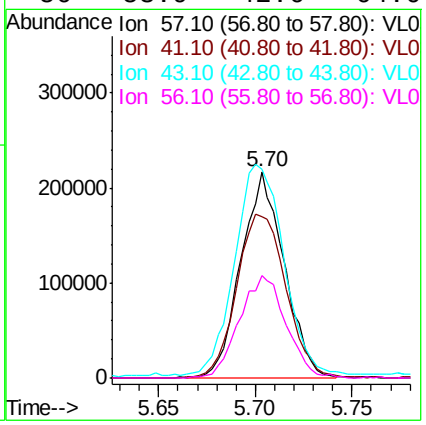


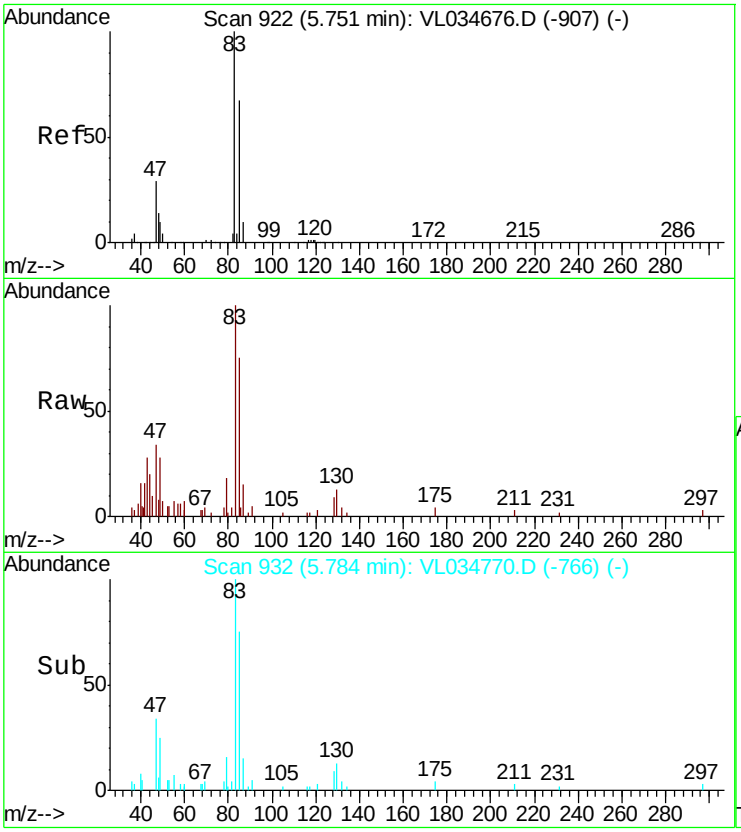


#26
Hexane
Concen: 3.383 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 57 Resp: 336236

Ion	Ratio	Lower	Upper
57	100		
41	90.3	70.3	105.5
43	117.9	177.0	265.4#
56	53.9	42.6	64.0



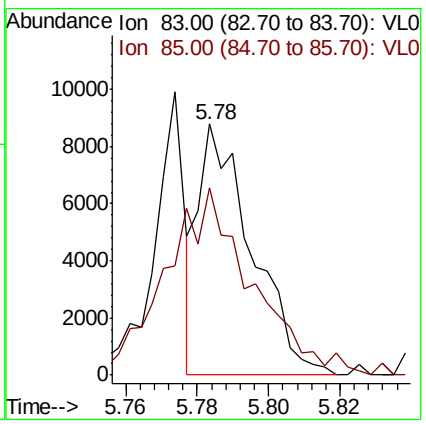


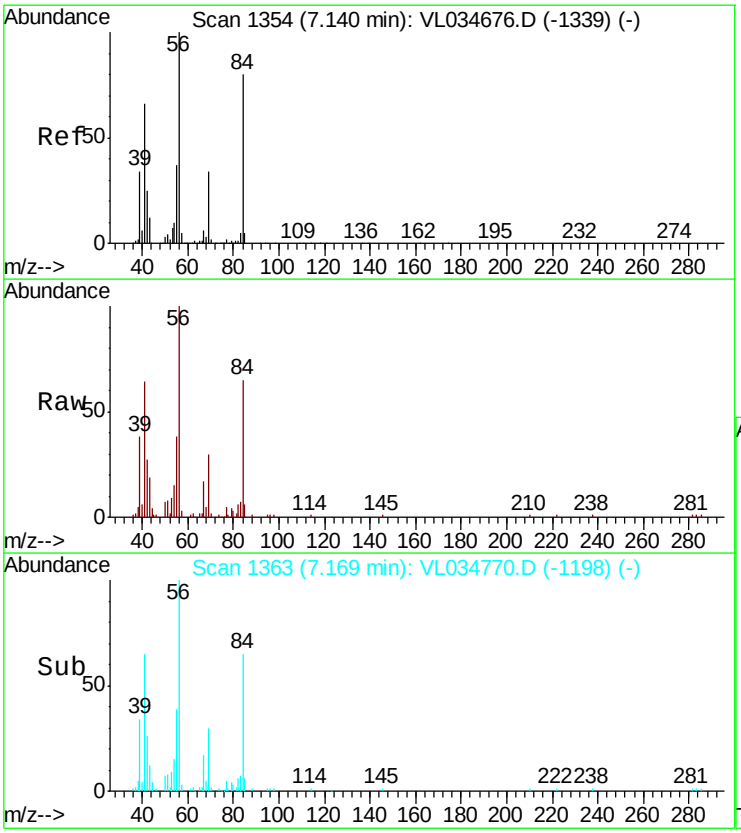
#29
Chloroform
Concen: 0.057 ppbv
RT: 5.78 min Scan# 932
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 9040

Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.9	80.9

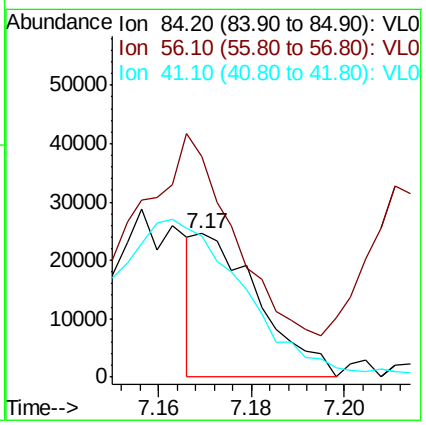


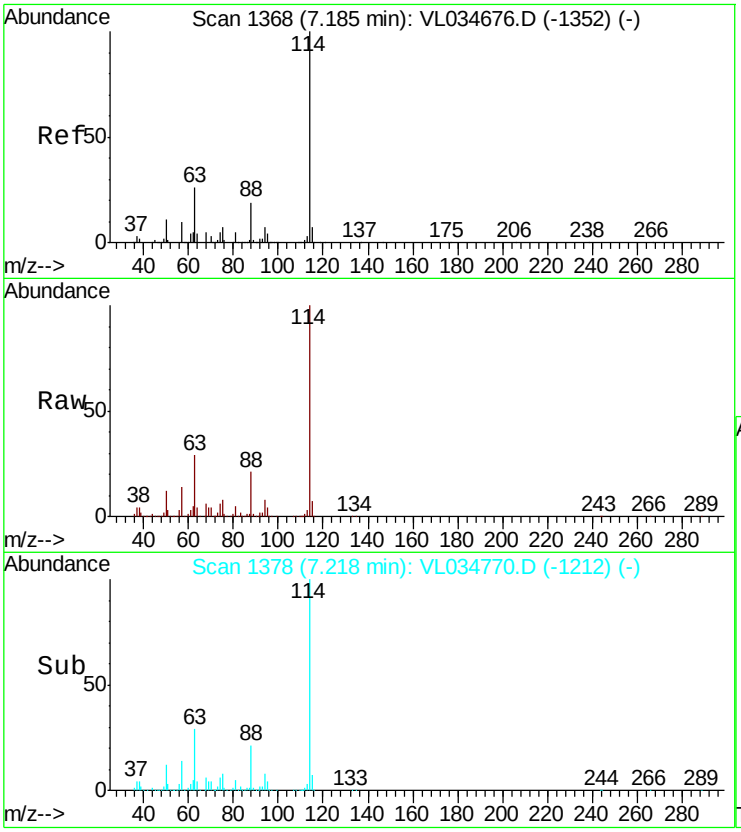


#30
Cyclohexane
Concen: 0.300 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 84 Resp: 23124

Ion	Ratio	Lower	Upper
84	100		
56	317.8	113.4	170.2#
41	0.0	68.2	102.4#



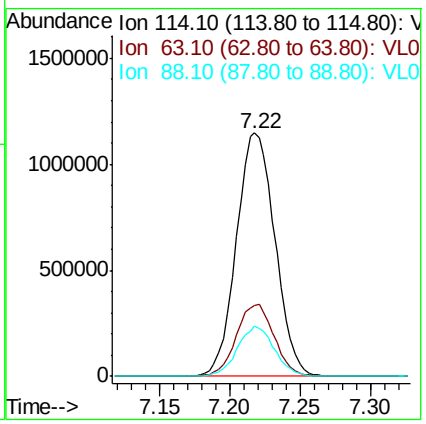


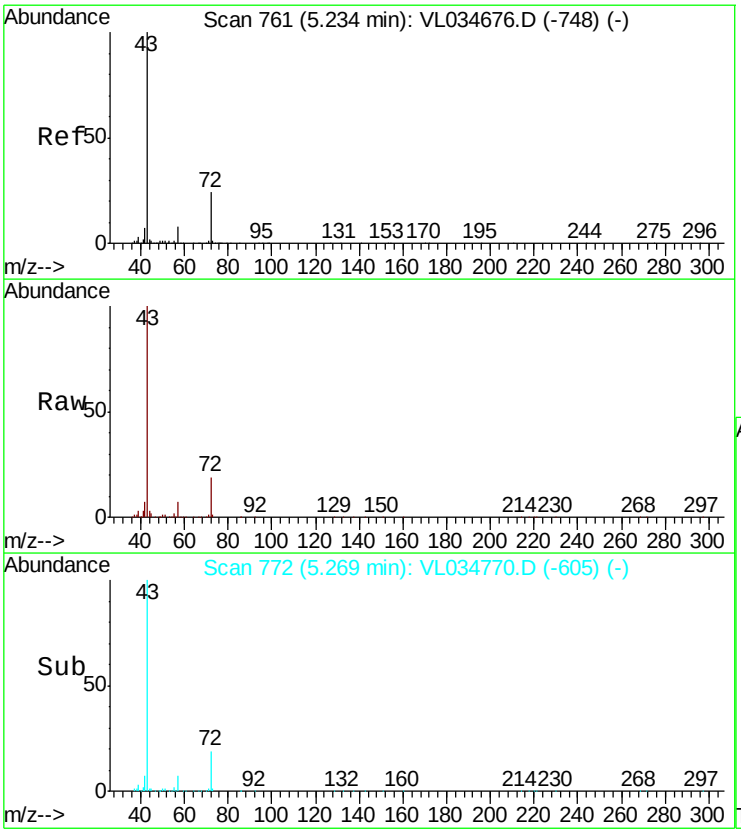
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2204805

Ion	Ratio	Lower	Upper
114	100		
63	29.3	22.9	34.3
88	19.7	15.8	23.6

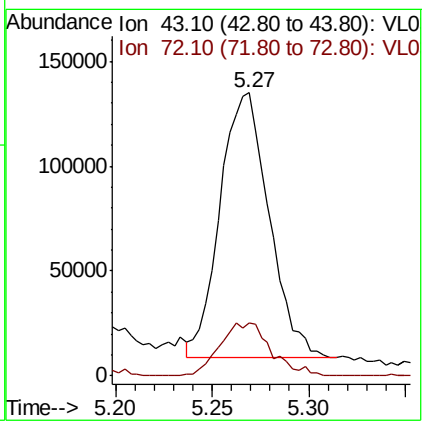


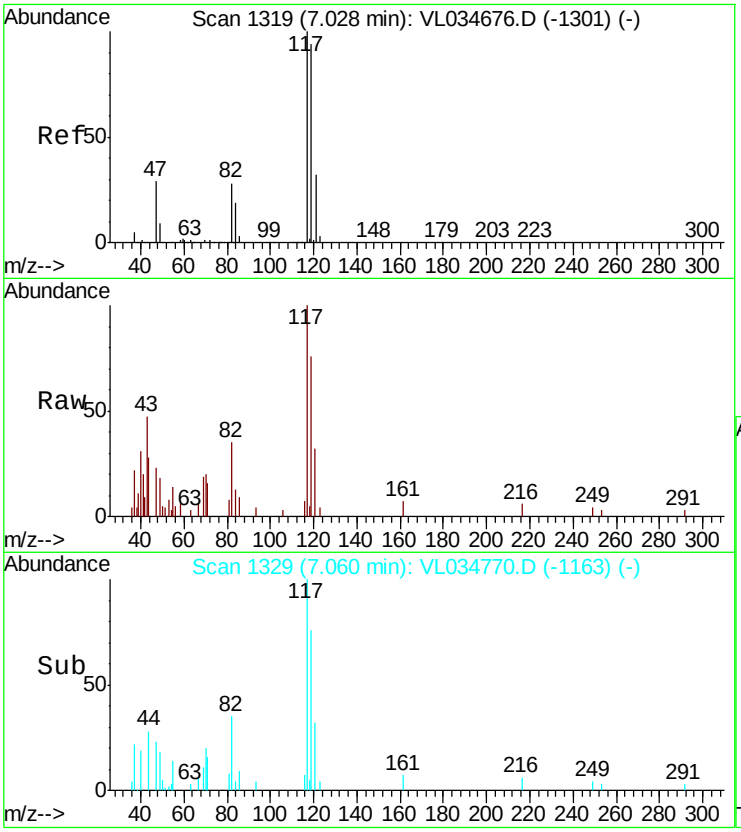


#34
2-Butanone
Concen: 1.597 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 43 Resp: 221646

Ion	Ratio	Lower	Upper
43	100		
72	21.2	18.2	27.2



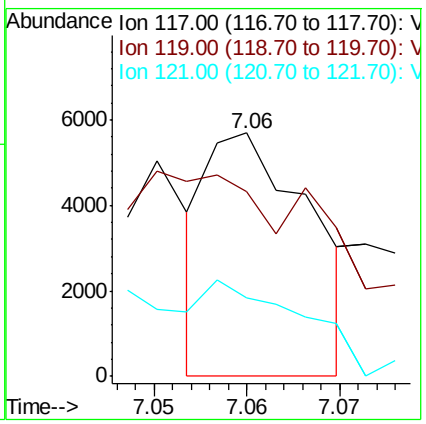


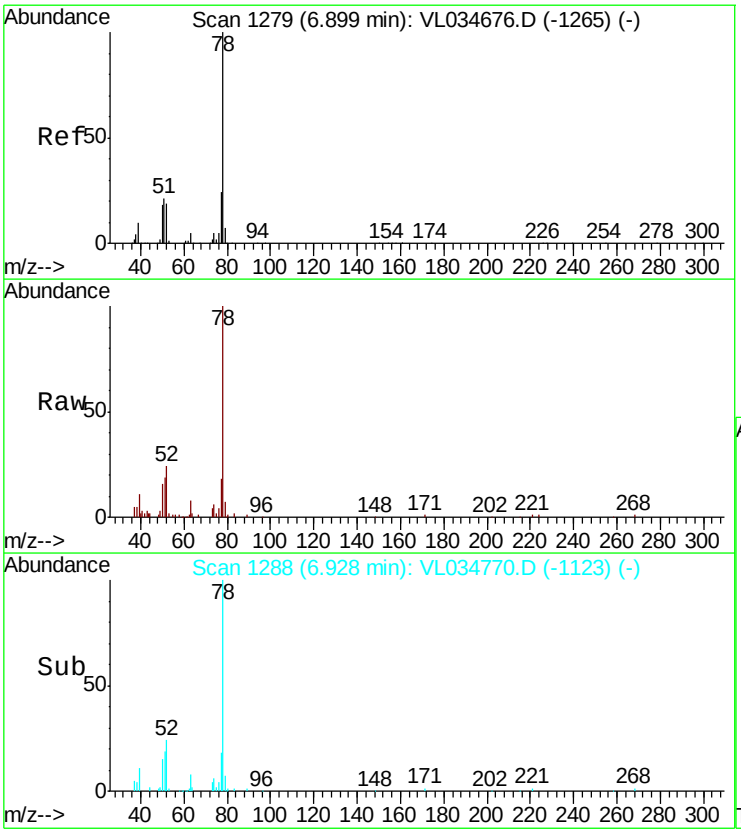
#35
Carbon Tetrachloride
Concen: 0.030 ppbv
RT: 7.06 min Scan# 1329
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4397

Ion	Ratio	Lower	Upper
117	100		
119	32.1	75.5	113.3#
121	22.1	25.4	38.0#

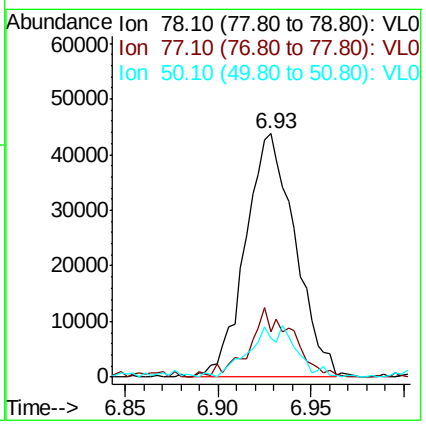


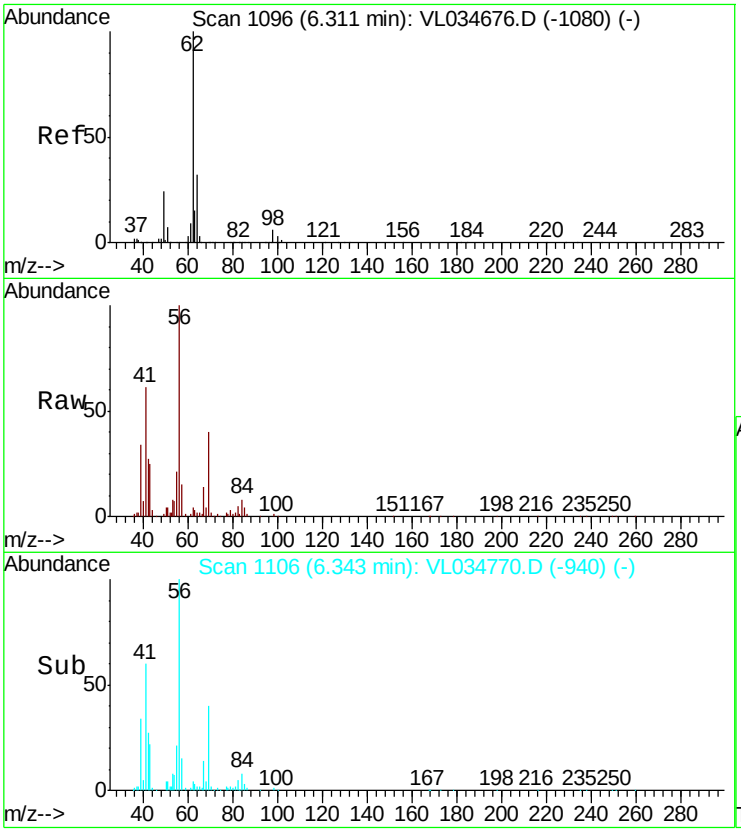


#36
Benzene
Concen: 0.427 ppbv
RT: 6.93 min Scan# 1288
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 78 Resp: 81348

Ion	Ratio	Lower	Upper
78	100		
77	18.5	19.5	29.3#
50	14.6	14.6	21.8



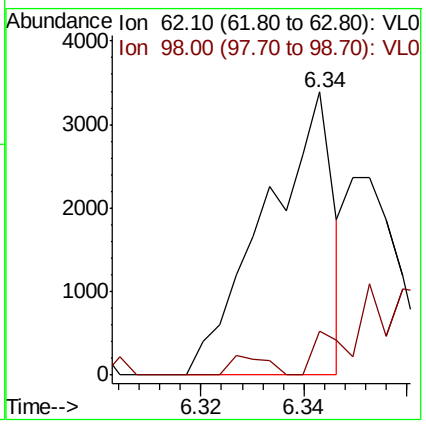


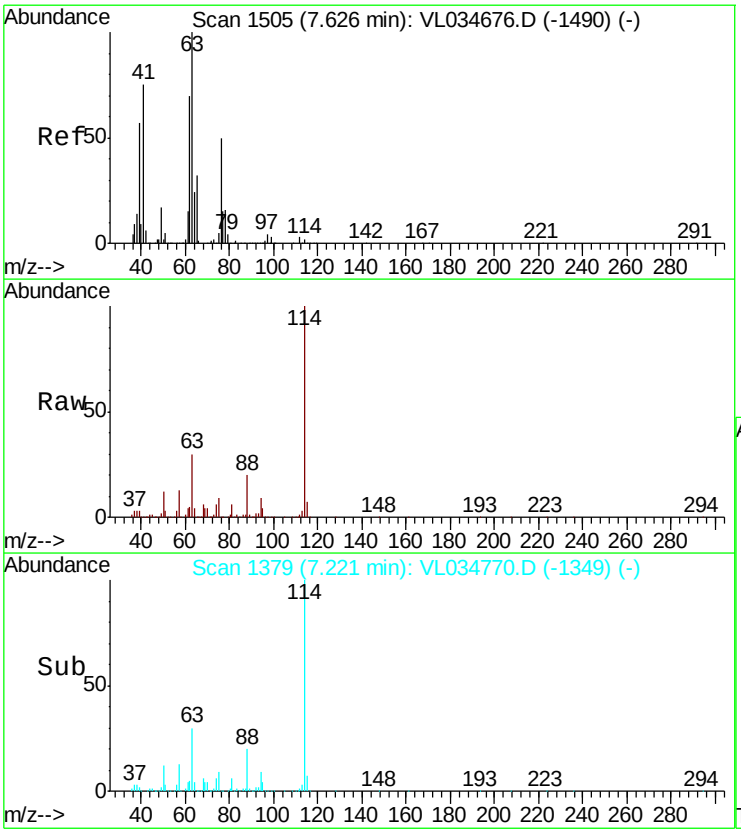
#37
1,2-Dichloroethane
Concen: 0.026 ppbv
RT: 6.34 min Scan# 1106
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 3085

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.7	7.1#

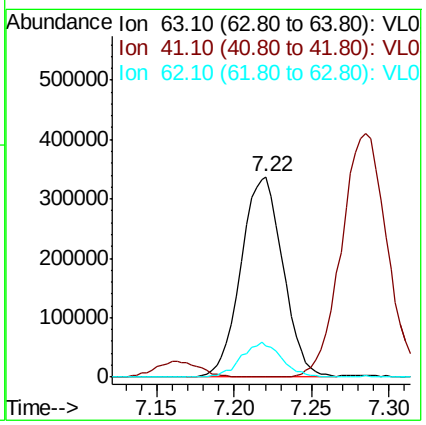


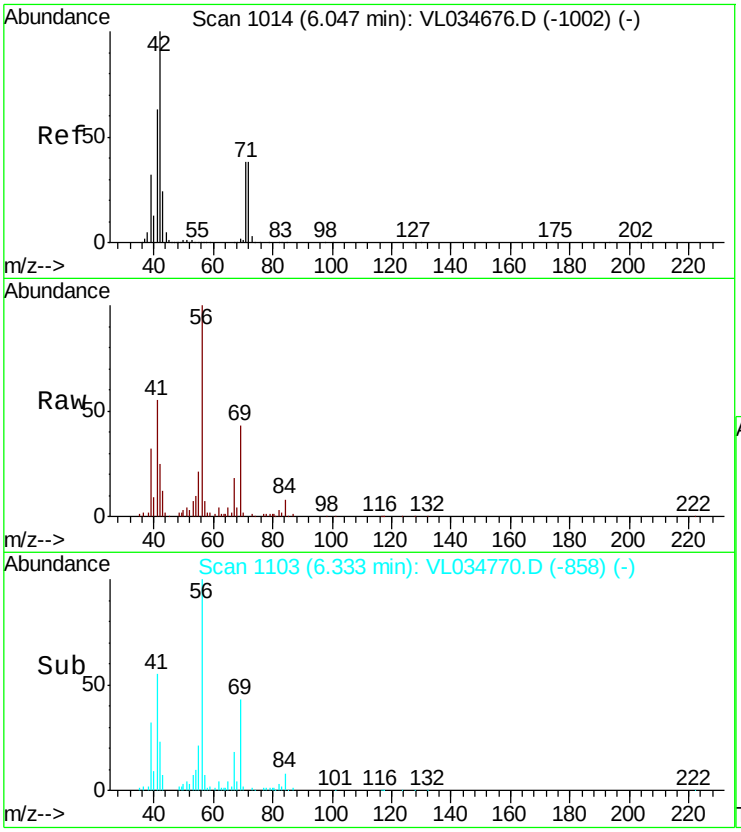


#39
1,2-Dichloropropane
Concen: 8.402 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.41 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 63 Resp: 636536

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.2	90.4#
62	15.7	56.3	84.5#



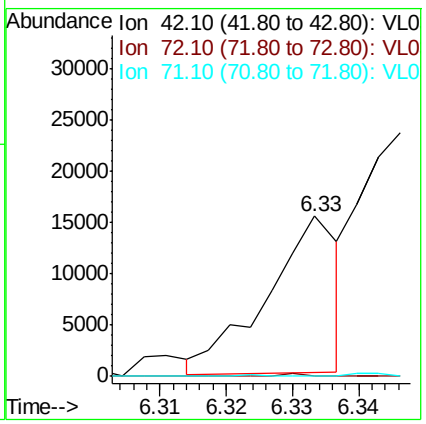


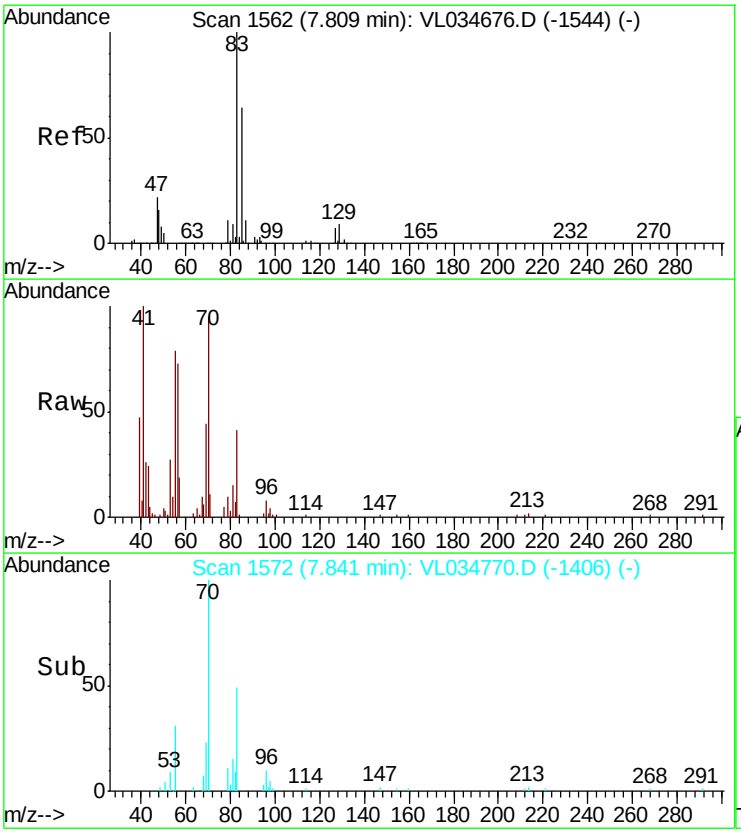
#41
Tetrahydrofuran
Concen: 0.157 ppbv
RT: 6.33 min Scan# 1103
Delta R.T. 0.29 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 11508

Ion	Ratio	Lower	Upper
42	100		
72	1.6	31.7	47.5#
71	13.1	30.7	46.1#

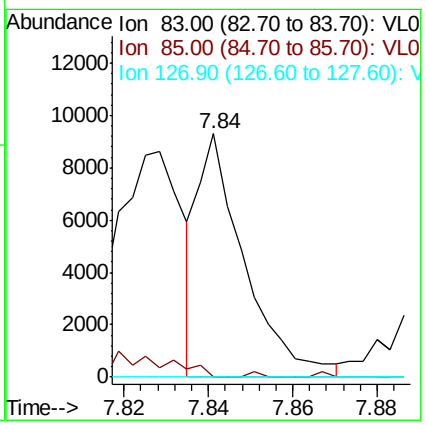


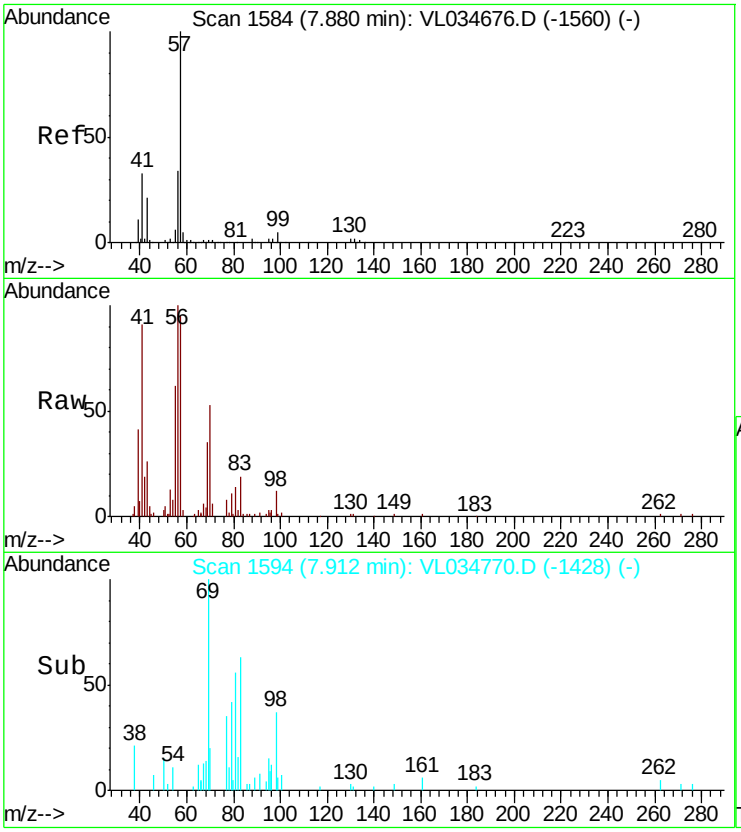


#42
Bromodichloromethane
Concen: 0.045 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 83 Resp: 7127

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



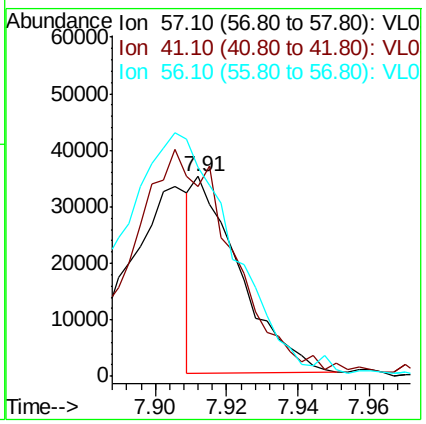


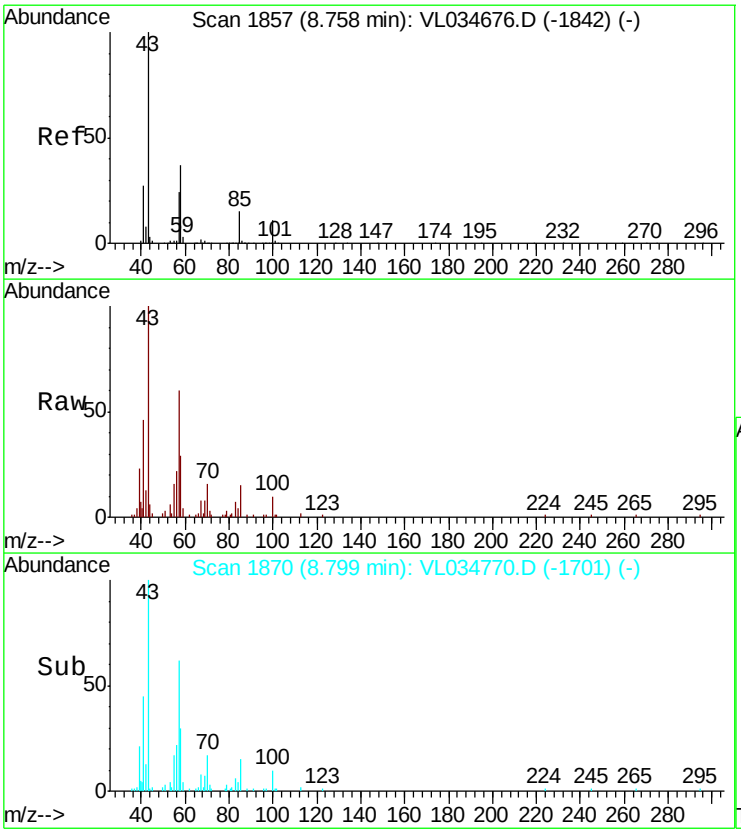
#44
2,2,4-Trimethylpentane
Concen: 0.095 ppbv
RT: 7.91 min Scan# 1594
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 31736

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.0	39.0#
56	0.0	25.6	38.4#

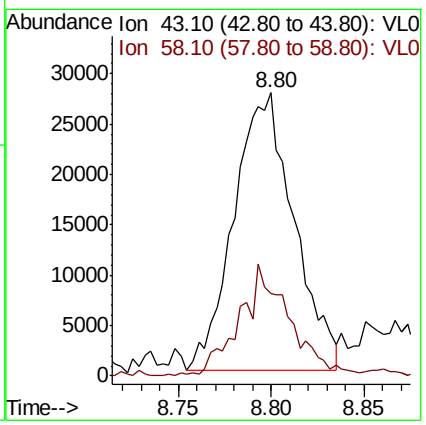


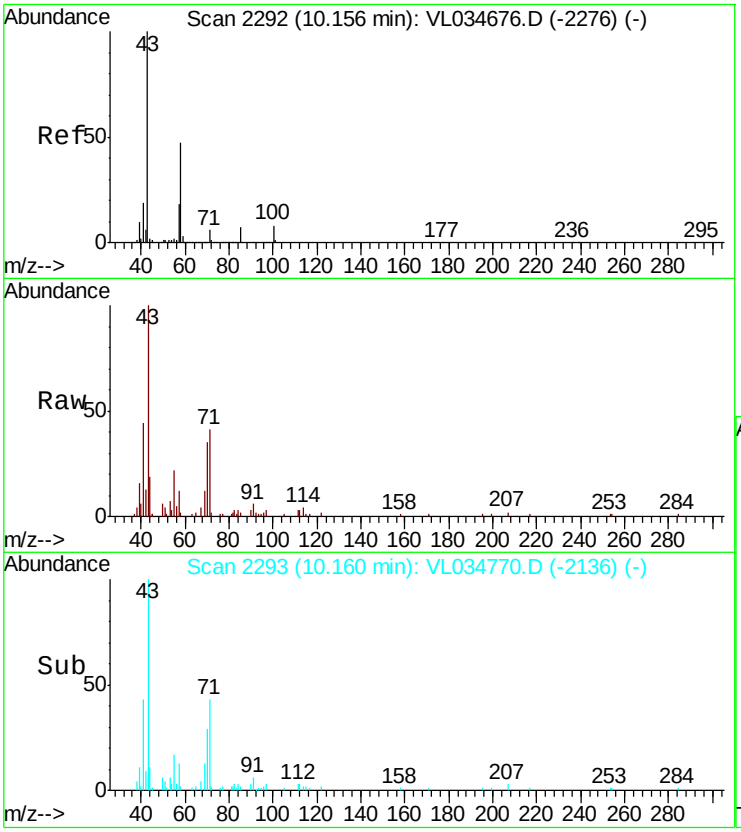


#50
4-Methyl-2-Pentanone
Concen: 0.315 ppbv
RT: 8.80 min Scan# 1870
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 43 Resp: 61922

Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.0	43.6



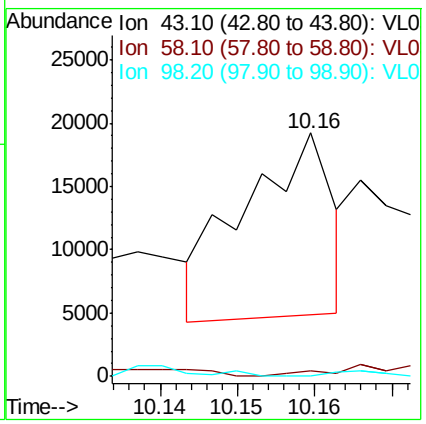


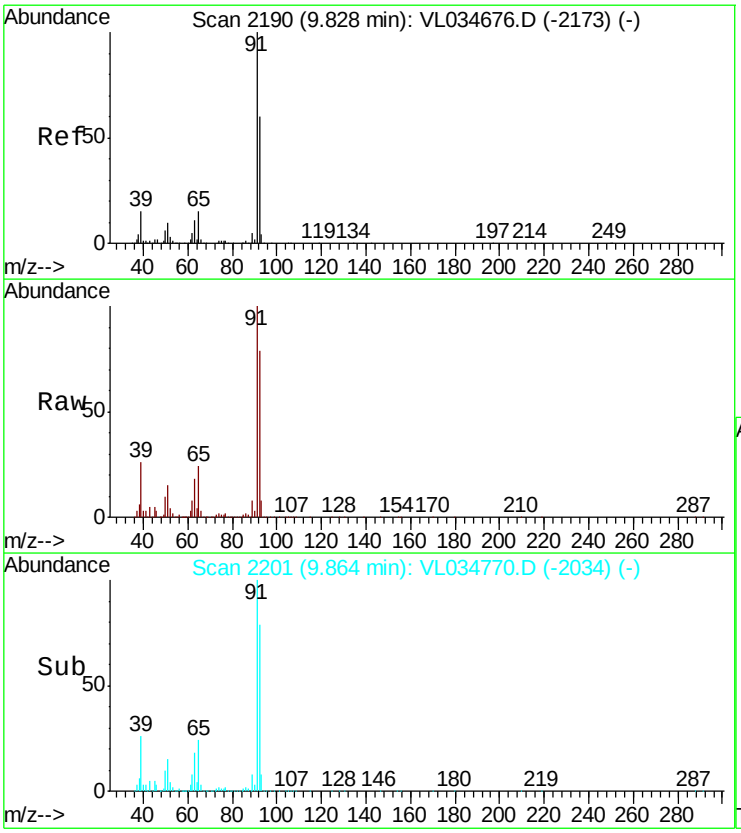
#51
2-Hexanone
Concen: 0.074 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 11469

Ion	Ratio	Lower	Upper
43	100		
58	33.0	39.4	59.0#
98	3.1	0.2	0.2#

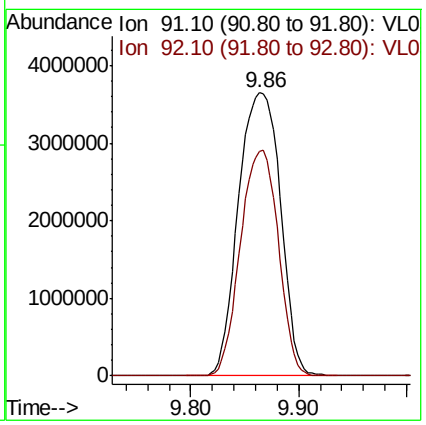


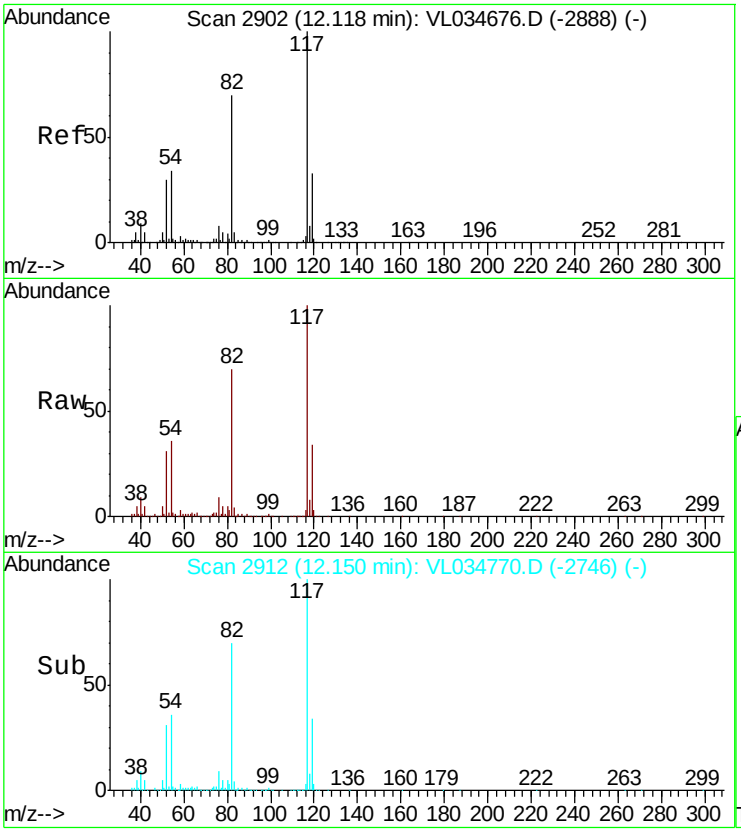


#53
Toluene
Concen: 48.980 ppbv
RT: 9.86 min Scan# 2201
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 91 Resp: 9920269

Ion	Ratio	Lower	Upper
91	100		
92	72.1	48.5	72.7



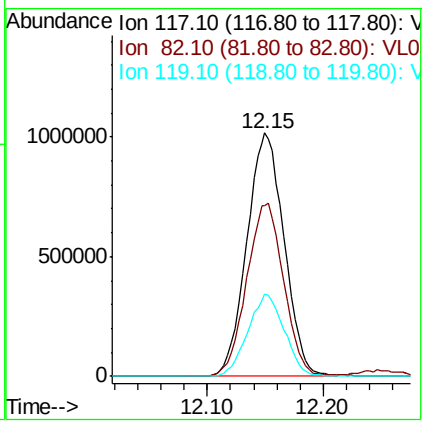


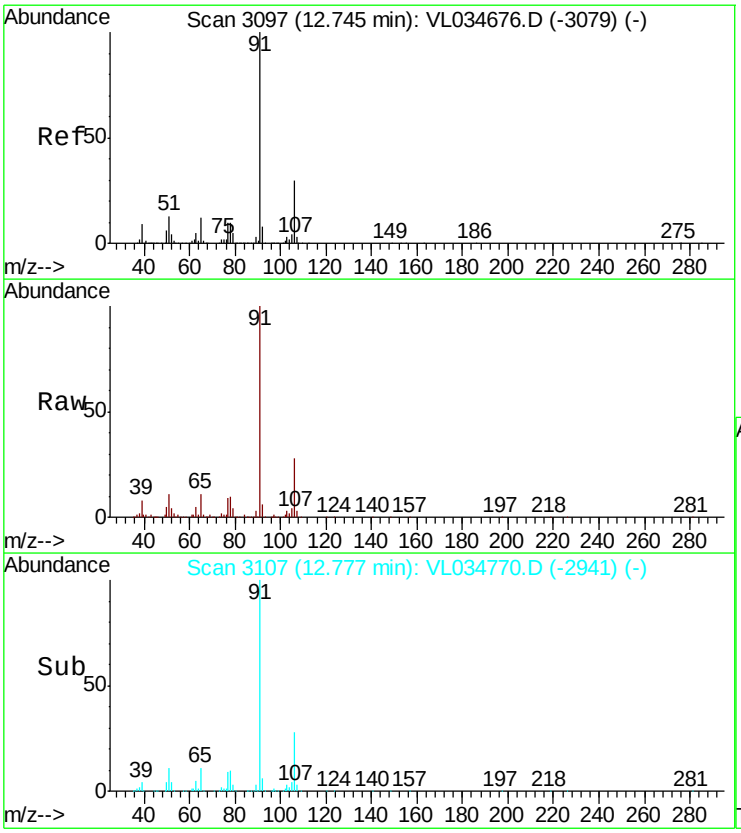
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2272857

Ion	Ratio	Lower	Upper
117	100		
82	70.8	54.1	81.1
119	33.0	27.6	41.4

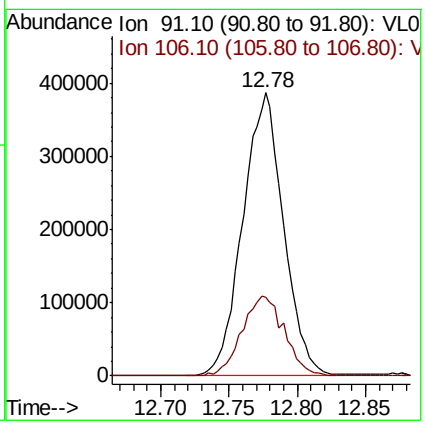


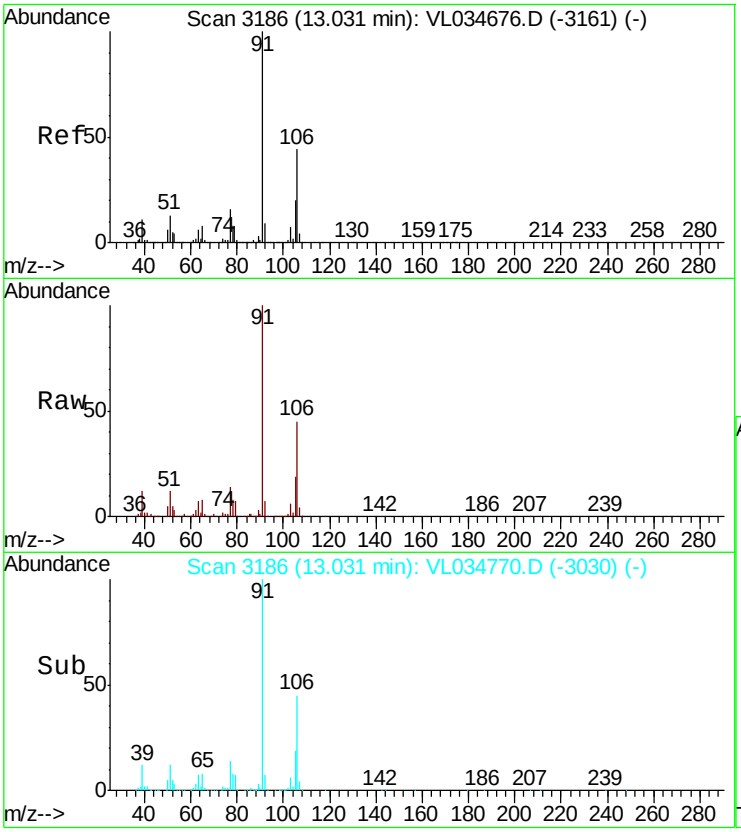


#58
Ethyl Benzene
Concen: 2.916 ppbv
RT: 12.78 min Scan# 3107
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 91 Resp: 801939

Ion	Ratio	Lower	Upper
91	100		
106	27.7	24.0	36.0



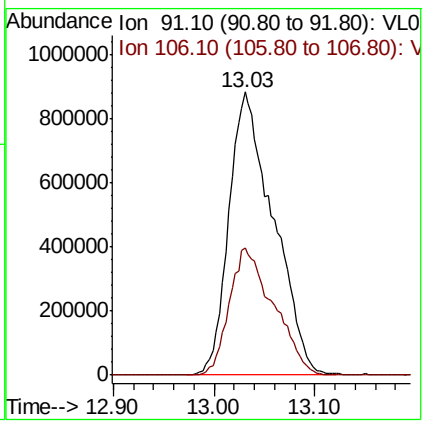


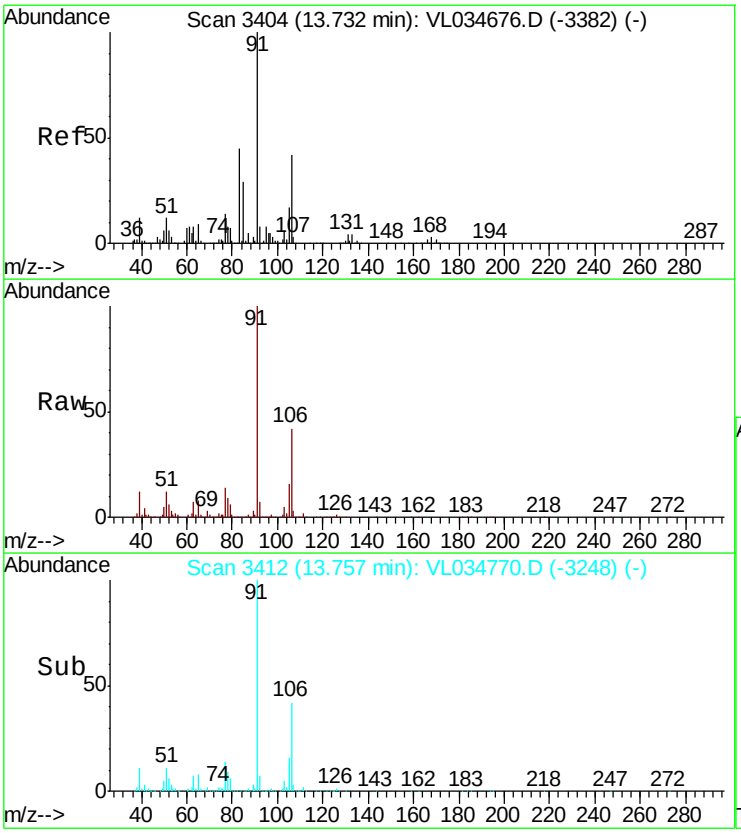
#59
m/p-Xylene
Concen: 11.219 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2690683

Ion	Ratio	Lower	Upper
91	100		
106	44.9	35.6	53.4

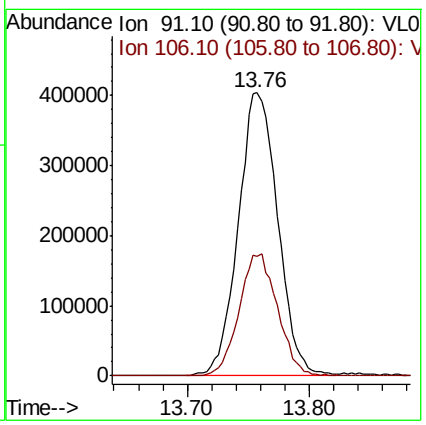


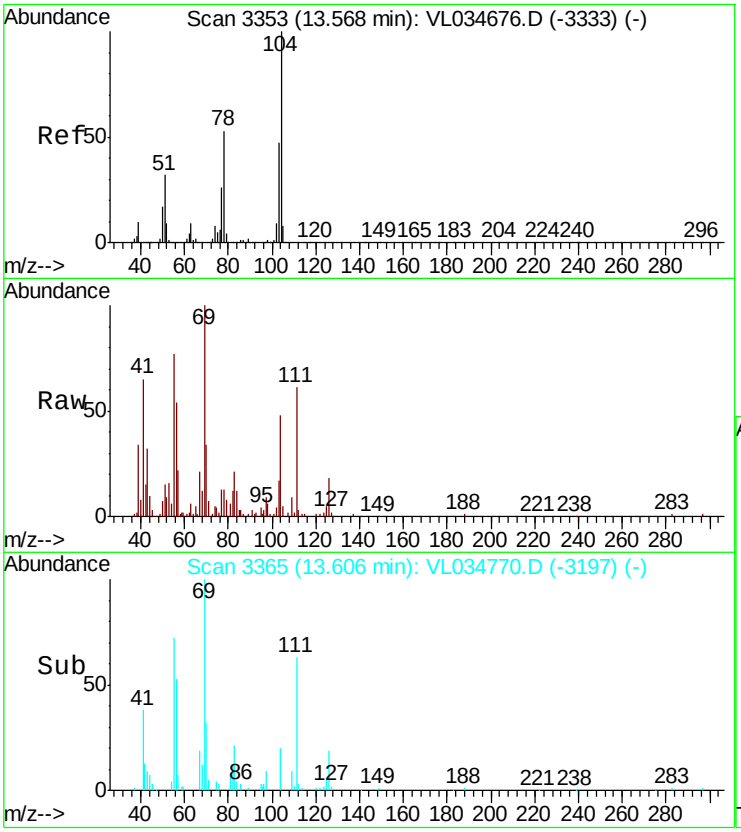


#60
o-Xylene
Concen: 3.758 ppbv
RT: 13.76 min Scan# 3412
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 91 Resp: 894414

Ion	Ratio	Lower	Upper
91	100		
106	42.3	21.9	65.5



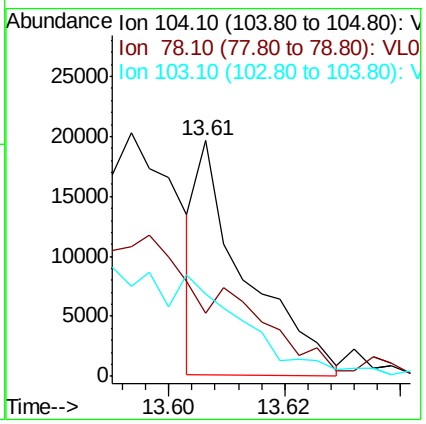


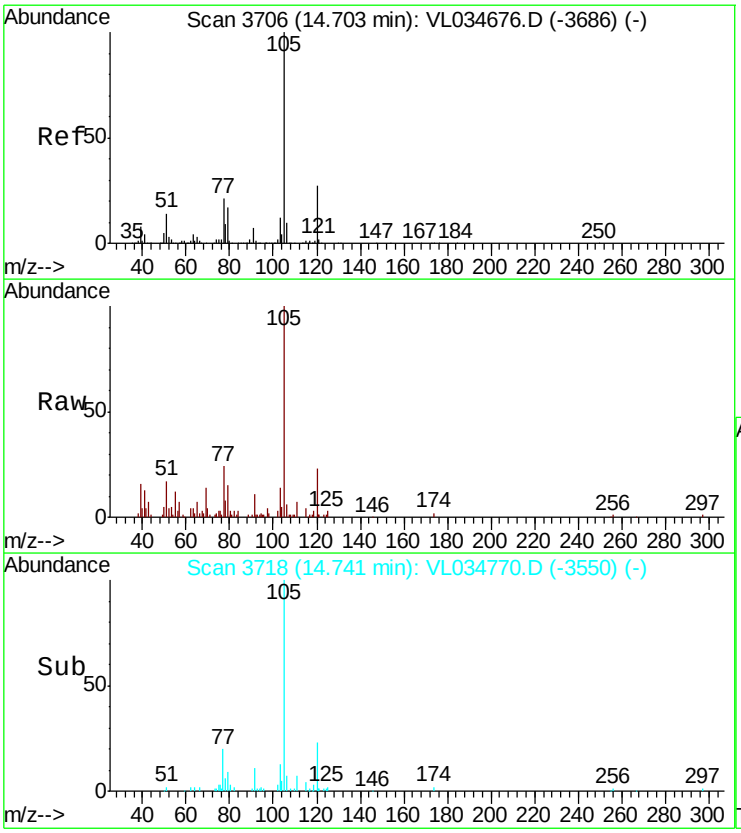
#61
Stvrene
Concen: 0.074 ppbv
RT: 13.61 min Scan# 3365
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 11382

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

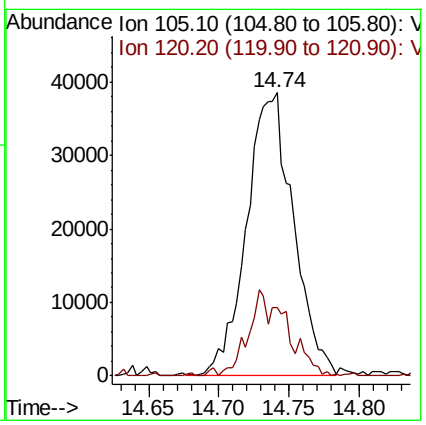


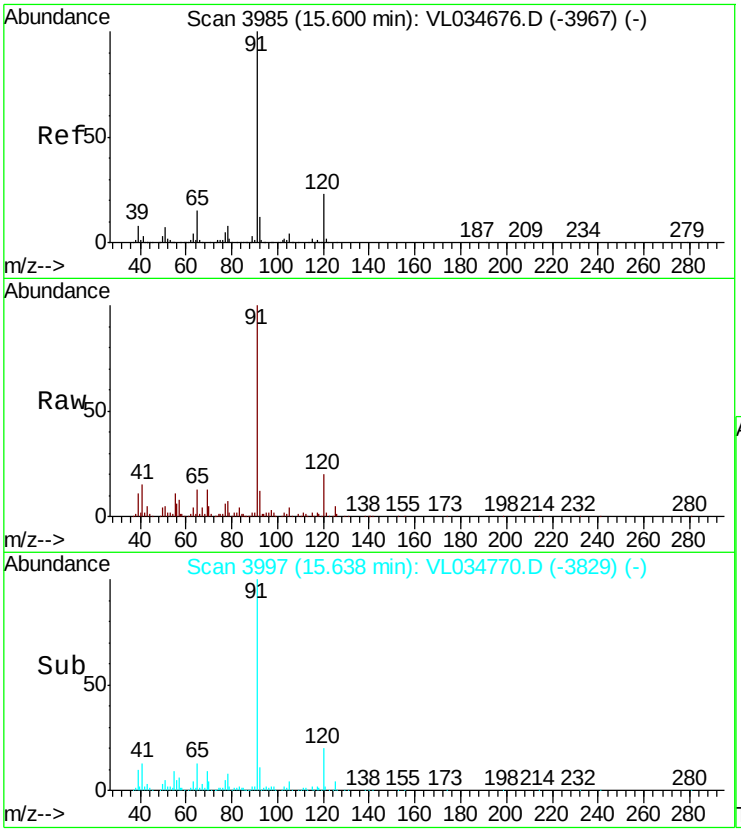


#62
Isopropylbenzene
Concen: 0.257 ppbv
RT: 14.74 min Scan# 3718
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:105 Resp: 89217

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.2	30.4



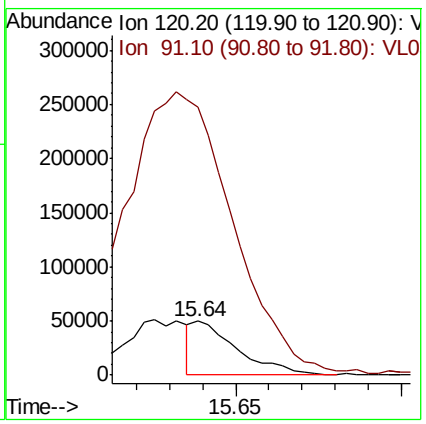


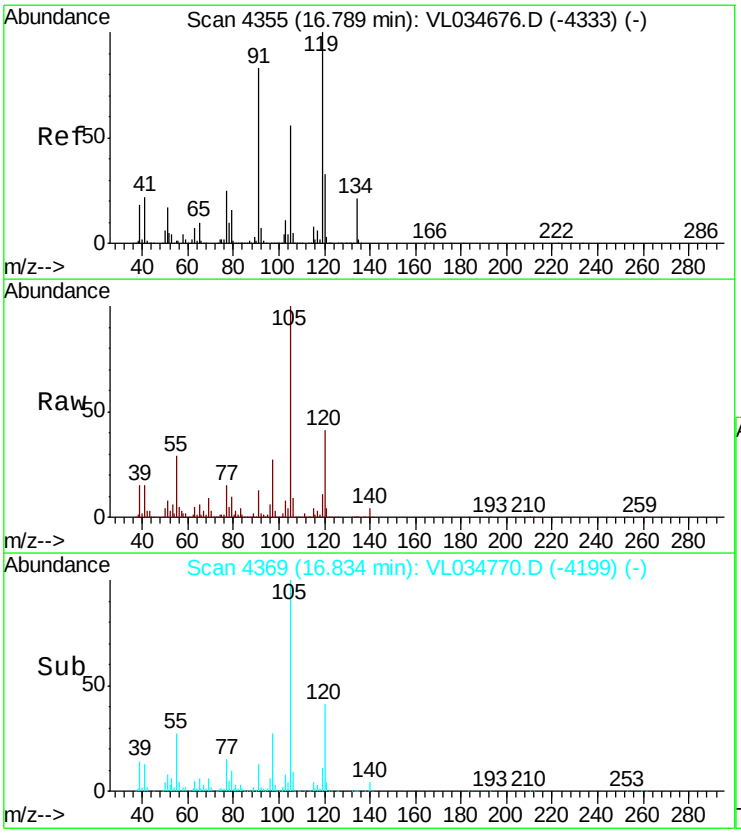
#64
n-propylbenzene
Concen: 0.520 ppbv
RT: 15.64 min Scan# 3997
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 46511

Ion	Ratio	Lower	Upper
120	100		
91	1288.6	369.8	554.8#

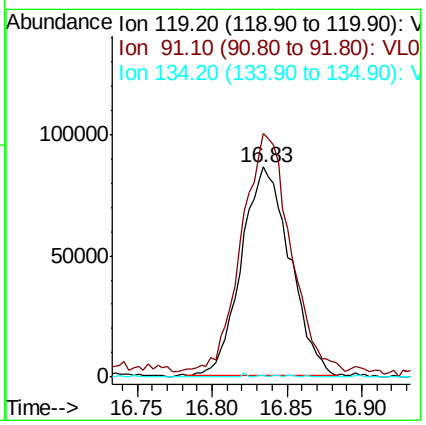


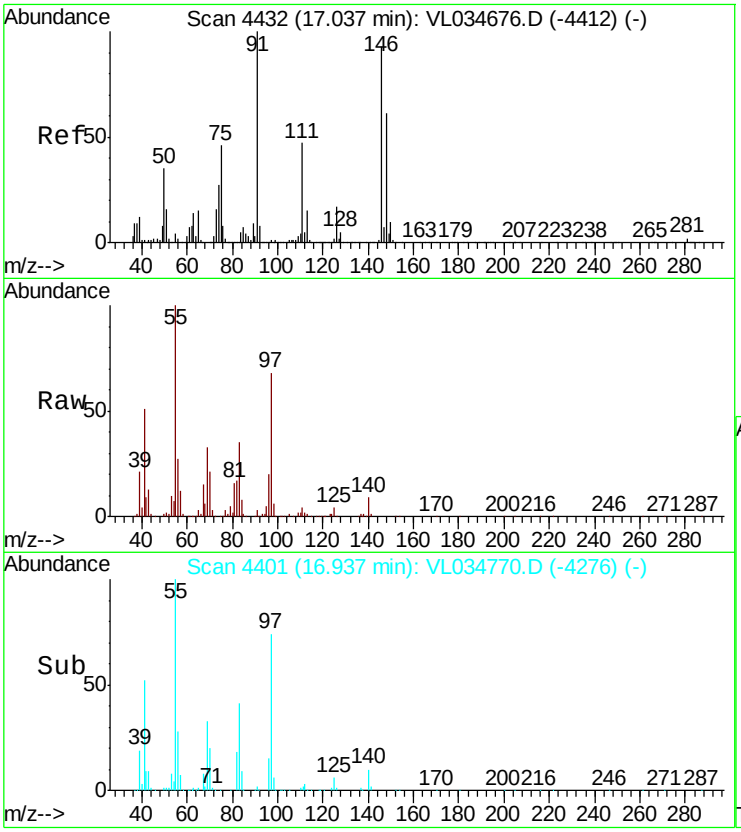


#65
tert-Butylbenzene
Concen: 0.646 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. 0.05 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:119 Resp: 193568

Ion	Ratio	Lower	Upper
119	100		
91	119.2	69.1	103.7#
134	0.8	15.8	23.8#



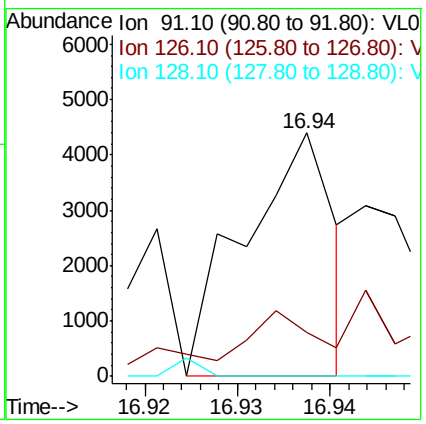


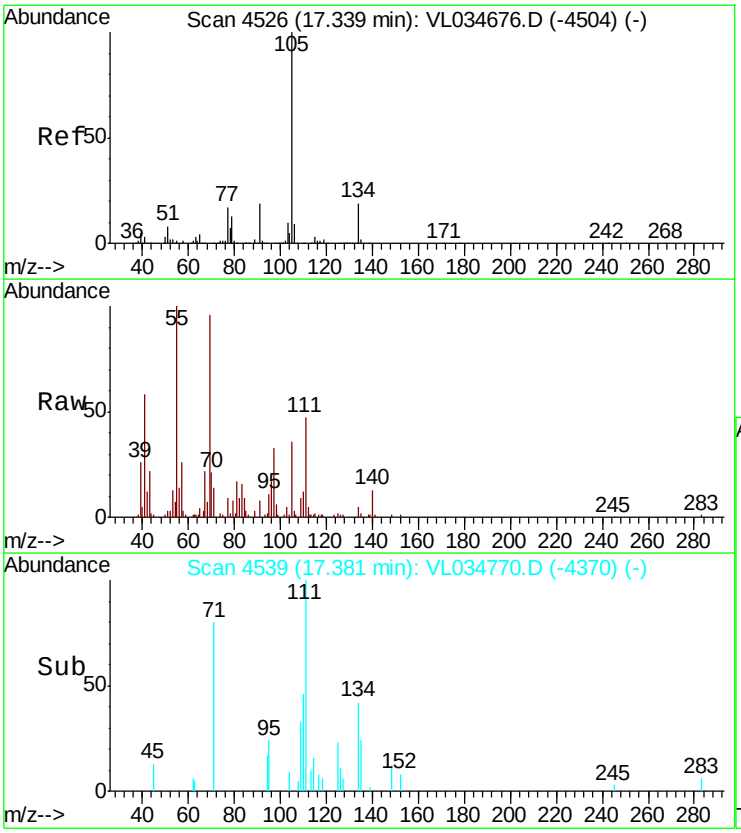
#66
Benzyl Chloride
Concen: 0.026 ppbv
RT: 16.94 min Scan# 4401
Delta R.T. -0.10 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2958

Ion	Ratio	Lower	Upper
91	100		
126	124.5	13.5	20.3#
128	2.1	4.2	6.4#

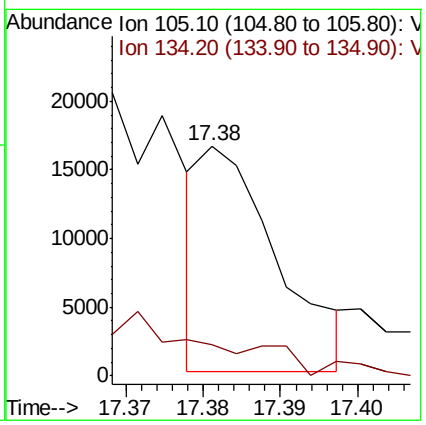


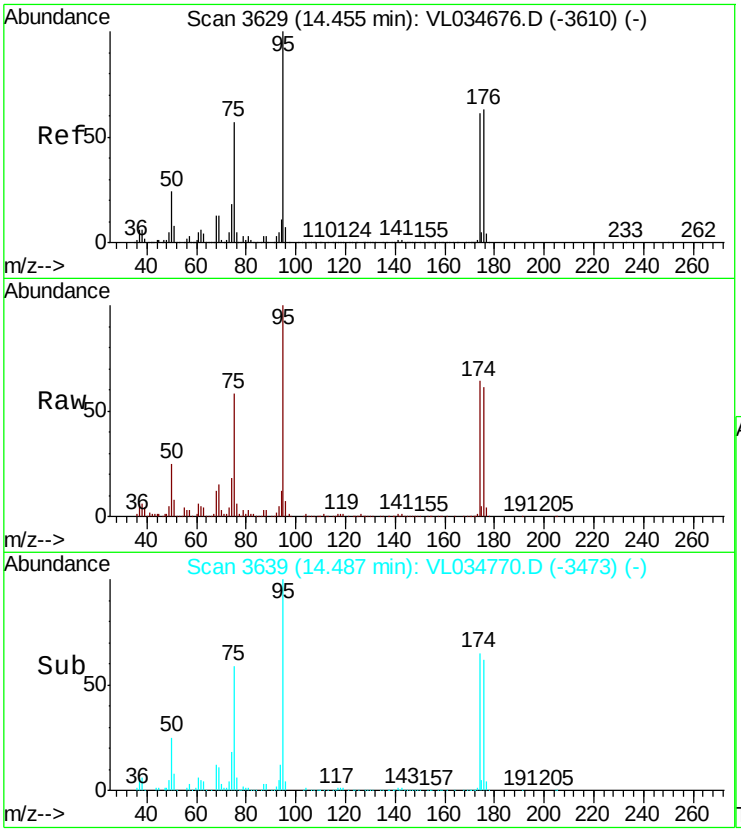


#67
sec-Butylbenzene
Concen: 0.026 ppbv
RT: 17.38 min Scan# 4539
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:105 Resp: 11214

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.8	22.2#



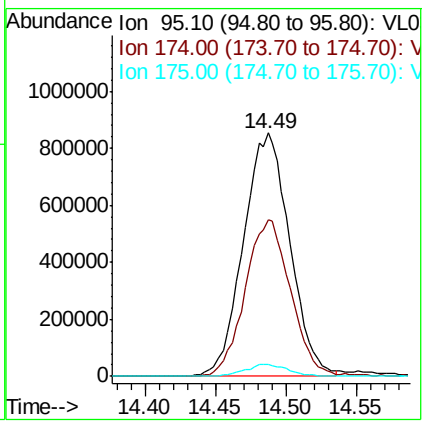


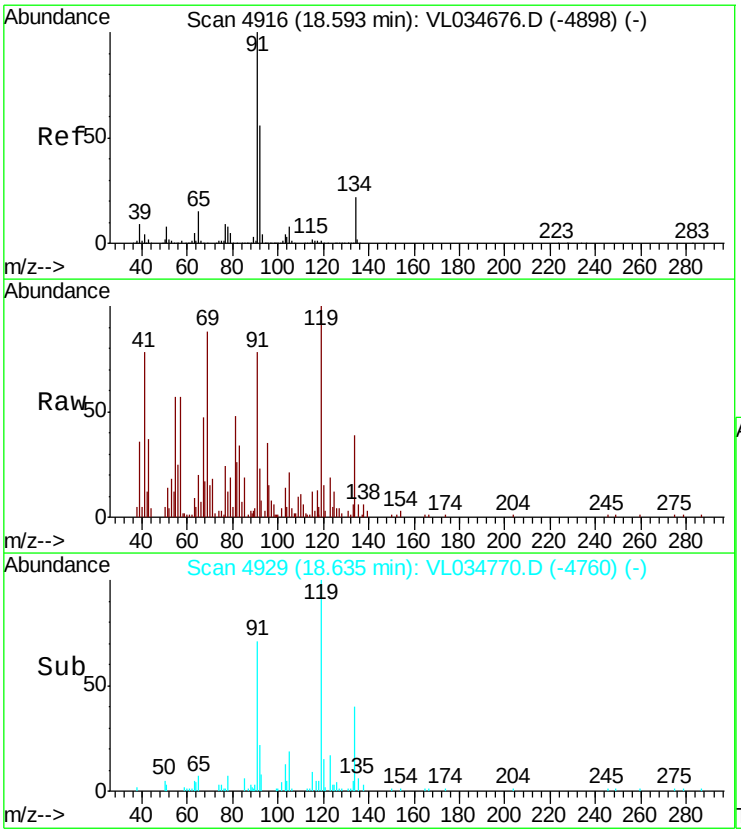
#68
1-Bromo-4-Fluorobenzene
Concen: 10.489 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1954879

Ion	Ratio	Lower	Upper
95	100		
174	63.7	50.7	76.1
175	4.6	3.9	5.9

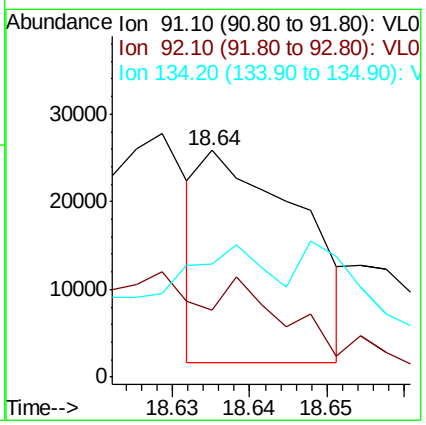


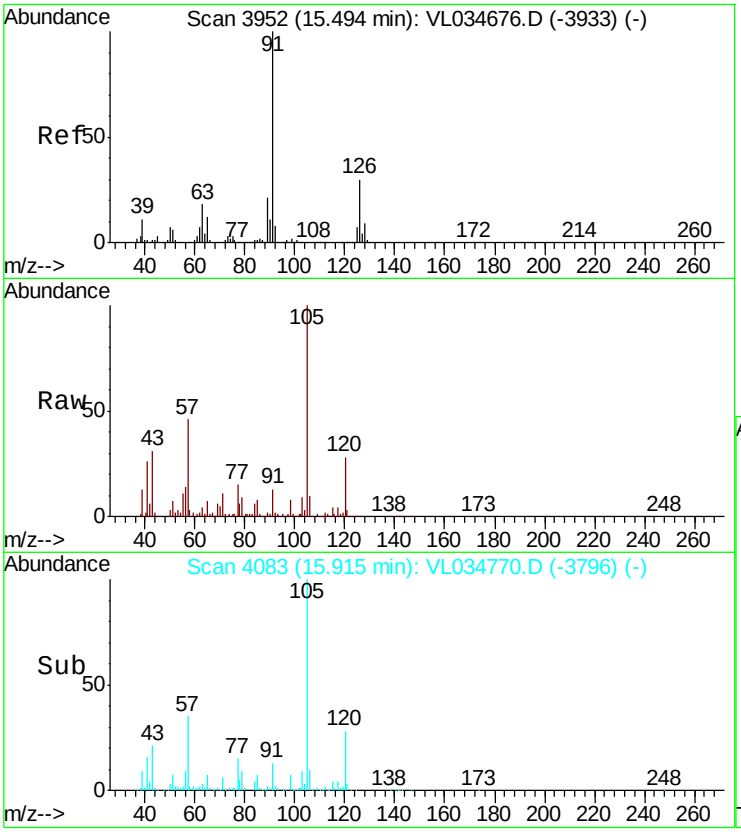


#70
n-Butylbenzene
Concen: 0.056 ppbv
RT: 18.64 min Scan# 4929
Delta R.T. 0.04 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion: 91 Resp: 21543

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.6#
134	0.0	17.6	26.4#



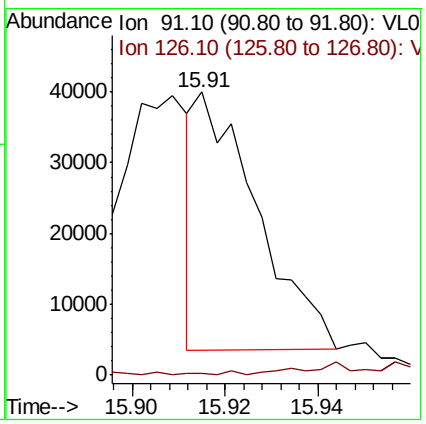


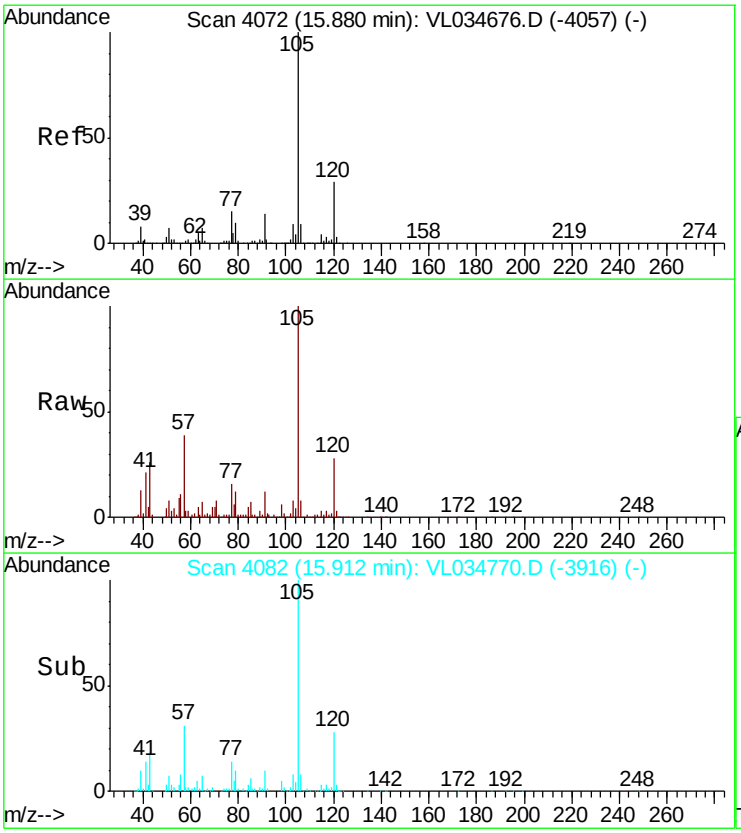
#71
2-Chlorotoluene
Concen: 0.124 ppbv
RT: 15.91 min Scan# 4083
Delta R.T. 0.42 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 33287

Ion	Ratio	Lower	Upper
91	100		
126	16.7	11.8	47.2

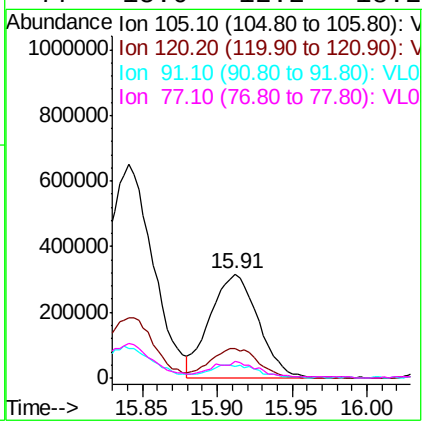


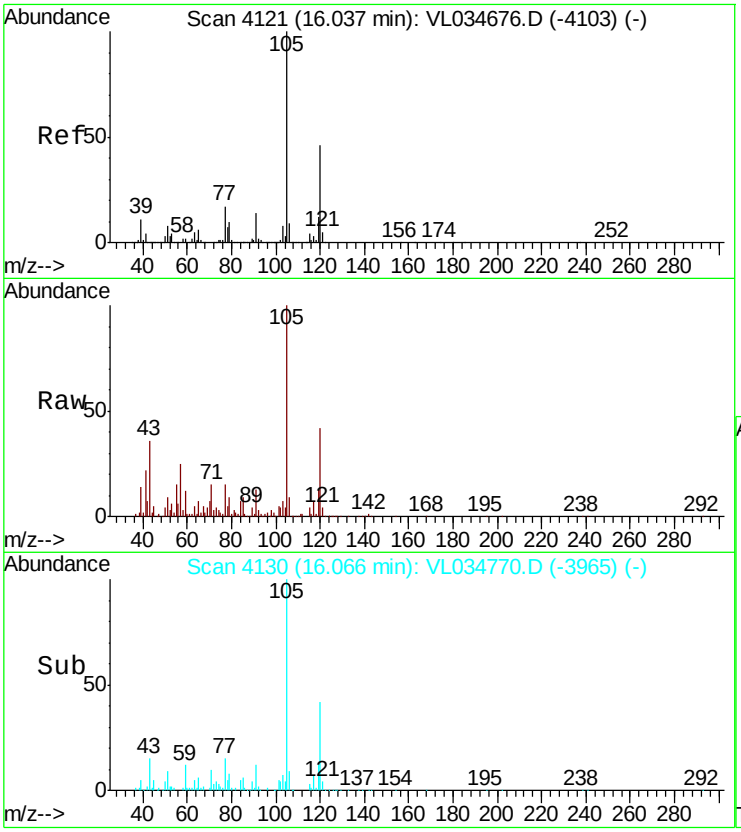


#72
4-Ethyltoluene
Concen: 2.655 ppbv
RT: 15.91 min Scan# 4082
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:105 Resp: 703198

Ion	Ratio	Lower	Upper
105	100		
120	28.1	23.7	35.5
91	12.9	10.9	16.3
77	15.0	12.2	18.2



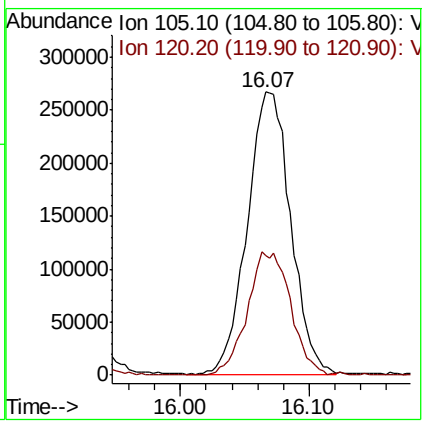


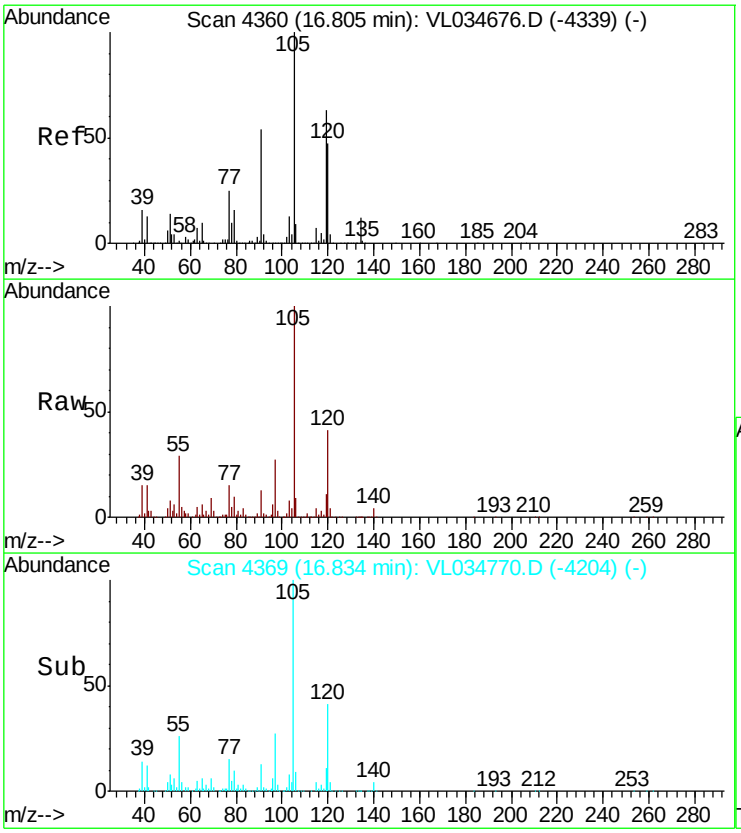
#73
1,3,5-Trimethylbenzene
Concen: 2.445 ppbv
RT: 16.07 min Scan# 4130
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 622960

Ion	Ratio	Lower	Upper
105	100		
120	42.5	37.1	55.7

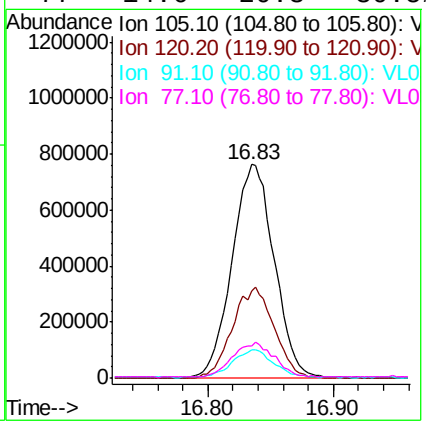


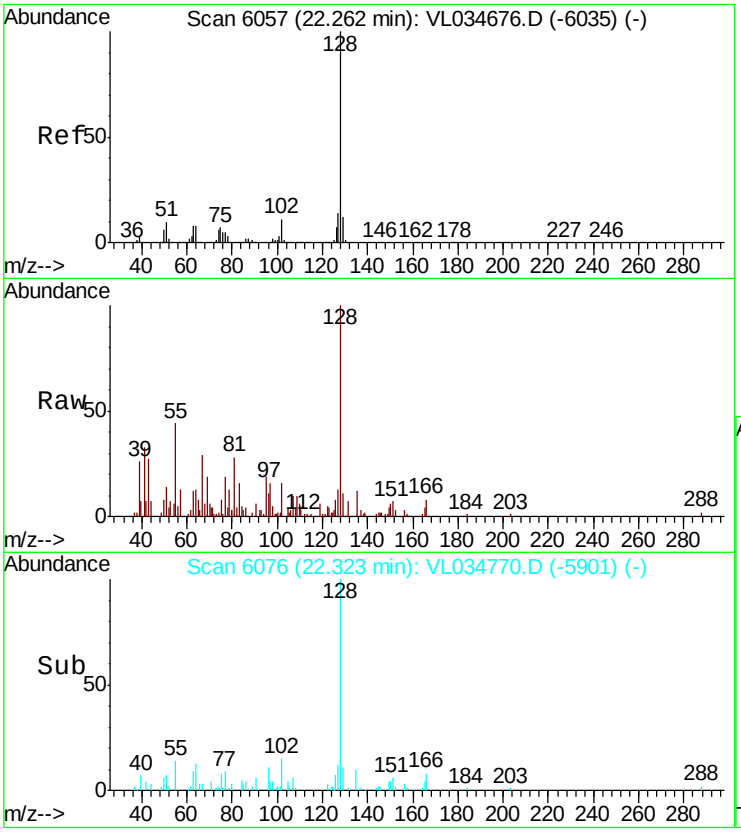


#74
1,2,4-Trimethylbenzene
Concen: 6.302 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:105 Resp: 1773455

Ion	Ratio	Lower	Upper
105	100		
120	40.5	37.9	56.9
91	12.7	43.9	65.9#
77	14.6	20.3	30.5#



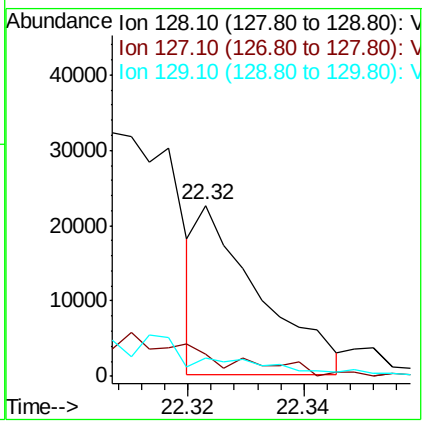


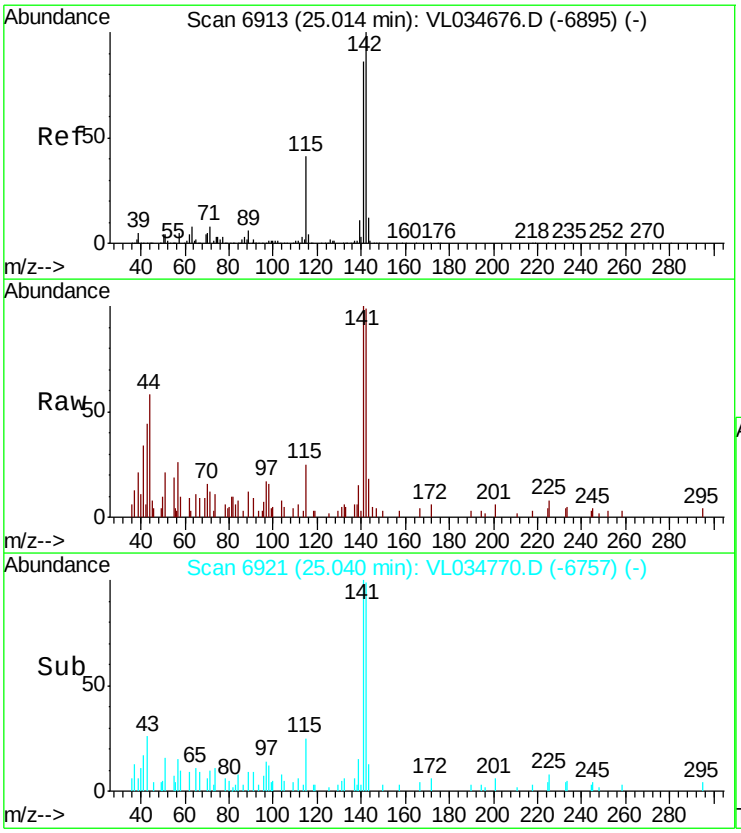
#79
Naphthalene
Concen: 0.067 ppbv
RT: 22.32 min Scan# 6076
Delta R.T. 0.06 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 16714

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.6
129	9.8	9.4	14.2





#80
Naphthalene,2-methyl-
Concen: 0.163 ppbv
RT: 25.04 min Scan# 6921
Delta R.T. 0.03 min
Lab File: VL034770.D
Acq: 3 Mar 2020 19:09

Tgt Ion:142 Resp: 12459

Ion	Ratio	Lower	Upper
142	100		
141	92.2	66.5	99.7
115	57.9	30.6	46.0#