Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120820\
Data File : VL036108.D
Acq On : 8 Dec 2020 23:46
Operator : SY/AP
Sample : L4949-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5

Quant Time: Dec 09 07:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1106921	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2558302	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	2323889	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	1946599	10.55	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	34009	0.264	ppbv		100
3) Chlorodifluoromethane	3.21	51	6826	0.054	ppbv		92
4) Chloromethane	3.14	50	29402	0.474	ppbv	#	84
9) Propene	3.20	41	299232	4.730	ppbv		100
10) Heptane	8.13	43	331398	2.051	ppbv		95
11) Trichlorofluoromethane	3.95	101	28668	0.189	ppbv		95
13) Ethanol	3.62	45	3528249	404.542	ppbv		84
15) Acetone	3.85	43	15491646	116.448	ppbv	#	85
16) 1,3-Butadiene	3.31	39	26435	0.395	ppbv	#	11
17) tert-Butyl alcohol	4.31	59	132868	1.031	ppbv	#	71
19) Isopropyl Alcohol	3.99	45	3477768	42.771	ppbv	#	100
20) Methylene Chloride	4.36	84	321748	5.902	ppbv		98
21) Allyl Chloride	4.37	41	12814	0.145	ppbv	#	1
23) Vinyl Acetate	5.11	43	174391	0.985	ppbv	#	41
25) Ethyl Acetate	5.68	43	3199725	12.039	ppbv	#	63
26) Hexane	5.69	57	552303	4.617	ppbv	#	1
29) Chloroform	5.76	83	13659	0.087	ppbv	#	66
30) Cyclohexane	7.14	84	25602	0.291	ppbv	#	1
31) cis-1,2-Dichloroethene	5.68	61	365118	3.358	ppbv	#	28
34) 2-Butanone	5.25	43	5042148	29.712	ppbv		99
36) Benzene	6.90	78	144872	0.668	ppbv	#	91
38) Trichloroethene	7.85	130	7784	0.096	ppbv	#	71
39) 1,2-Dichloropropane	7.19	63	741730	8.663	ppbv	#	24
41) Tetrahydrofuran	6.05	42	702501	6.968	ppbv		99
44) 2,2,4-Trimethylpentane	7.88	57	1082482	2.757	ppbv	#	71
50) 4-Methyl-2-Pentanone	8.75	43	1735777	6.859	ppbv		99
51) 2-Hexanone	10.07	43	92065	0.465	ppbv	#	39
52) Tetrachloroethene	11.23	164	42642	0.543	ppbv		90
53) Toluene	9.83	91	15704518	64.506	ppbv		84
58) Ethyl Benzene	12.73	91	1611958	5.062	ppbv		99
59) m/p-Xylene	12.98	91	4906348	18.291	ppbv		96
60) o-Xylene	13.71	91	1754941	6.944	ppbv		97
61) Styrene	13.54	104	78717	0.485	ppbv		92
62) Isopropylbenzene	14.68	105	69994	0.187	ppbv	#	82
64) n-propylbenzene	15.58	120	83190	0.923	ppbv		78
65) tert-Butylbenzene	16.78	119	70933	0.231	ppbv	#	1
70) n-Butylbenzene	18.56	91	10441	0.031	ppbv	#	33
71) 2-Chlorotoluene	15.58	91	450543	1.591	ppbv	#	48
72) 4-Ethyltoluene	15.85	105	473611	1.730	ppbv		98
73) 1,3,5-Trimethylbenzene	16.01	105	437032	1.672	ppbv		96
74) 1,2,4-Trimethylbenzene	16.78	105	1172890	4.469	ppbv	#	64

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120820\
Data File : VL036108.D
Acq On : 8 Dec 2020 23:46
Operator : SY/AP
Sample : L4949-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5

Quant Time: Dec 09 07:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.23	128	10288	0.077	ppbv #	72

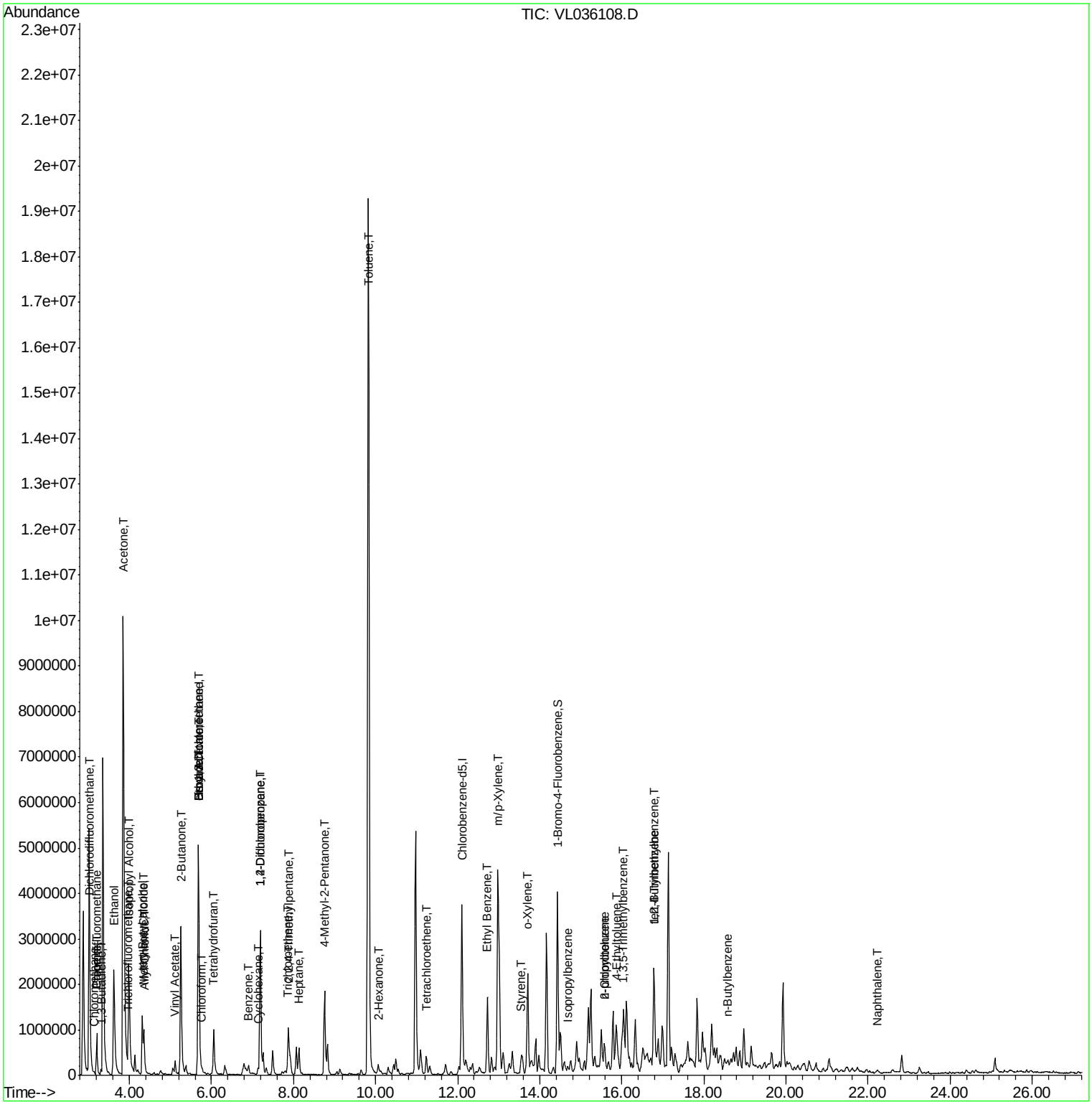
(#) = qualifier out of range (m) = manual integration (+) = signals summed

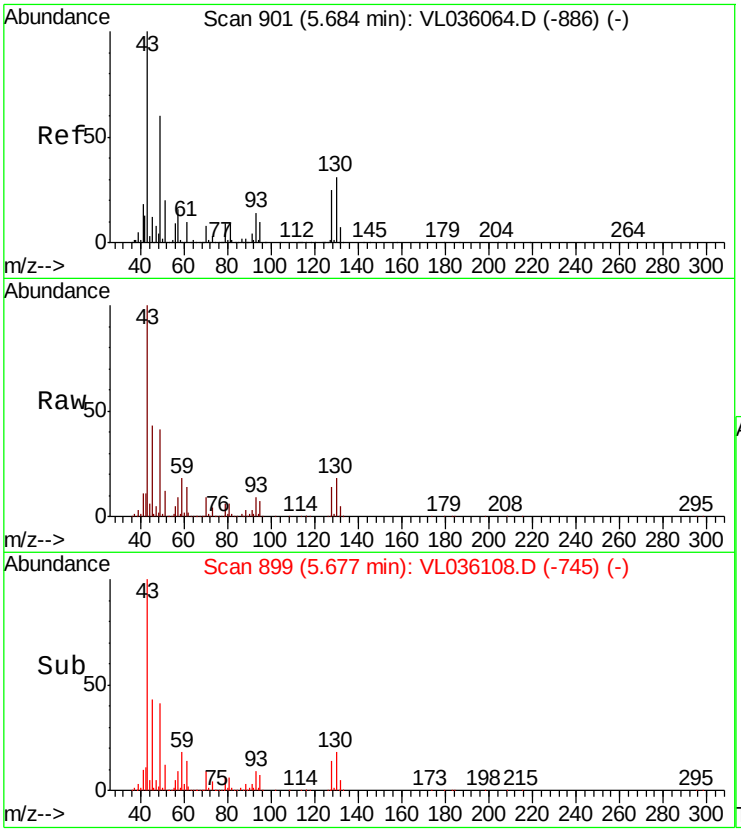
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120820\
Data File : VL036108.D
Acq On : 8 Dec 2020 23:46
Operator : SY/AP
Sample : L4949-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5

Quant Time: Dec 09 07:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



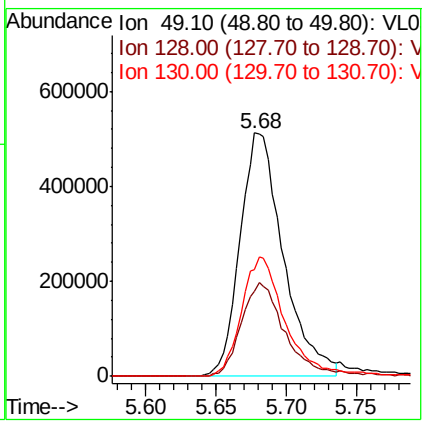


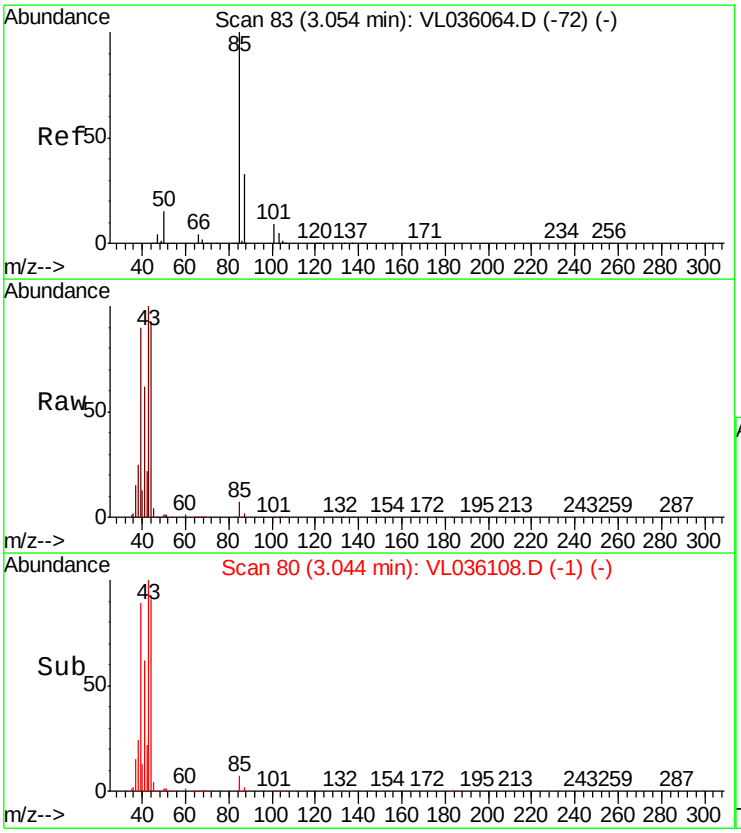
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 49 Resp: 1106921

Ion	Ratio	Lower	Upper
49	100		
128	39.6	21.1	63.1
130	50.2	27.1	81.3

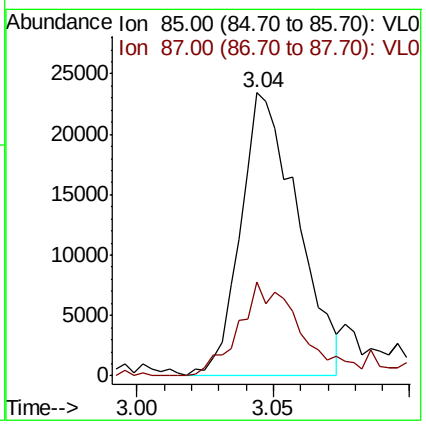


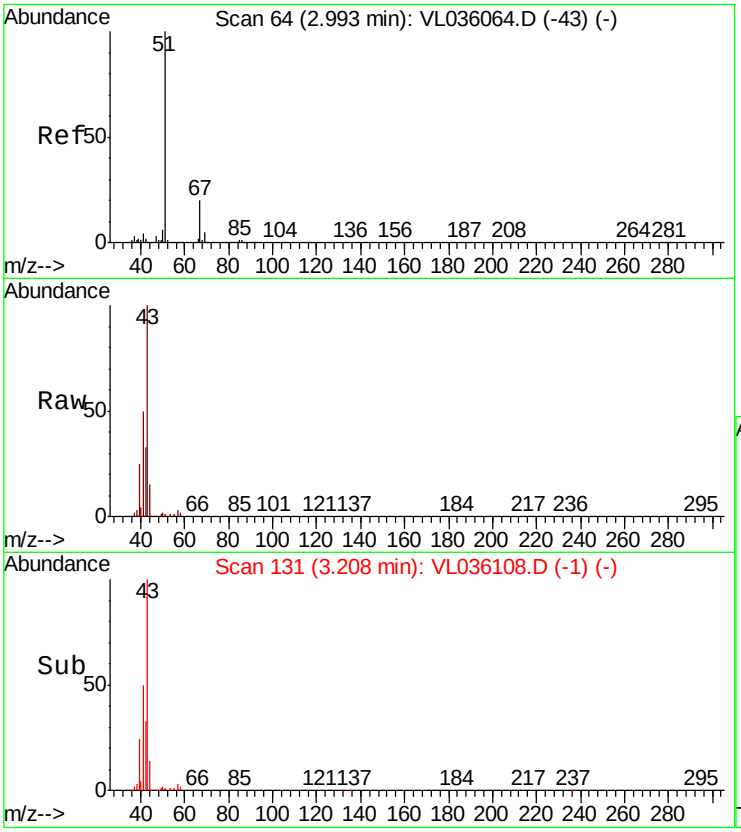


#2
Dichlorodifluoromethane
Concen: 0.264 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 85 Resp: 34009

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.5	39.7

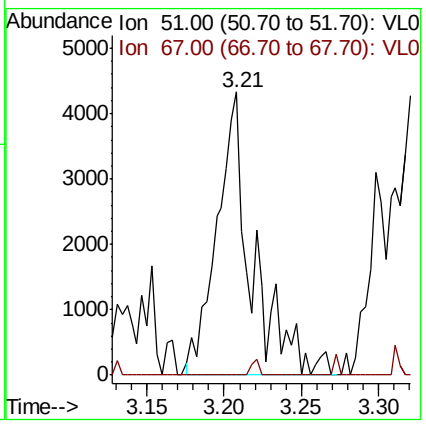




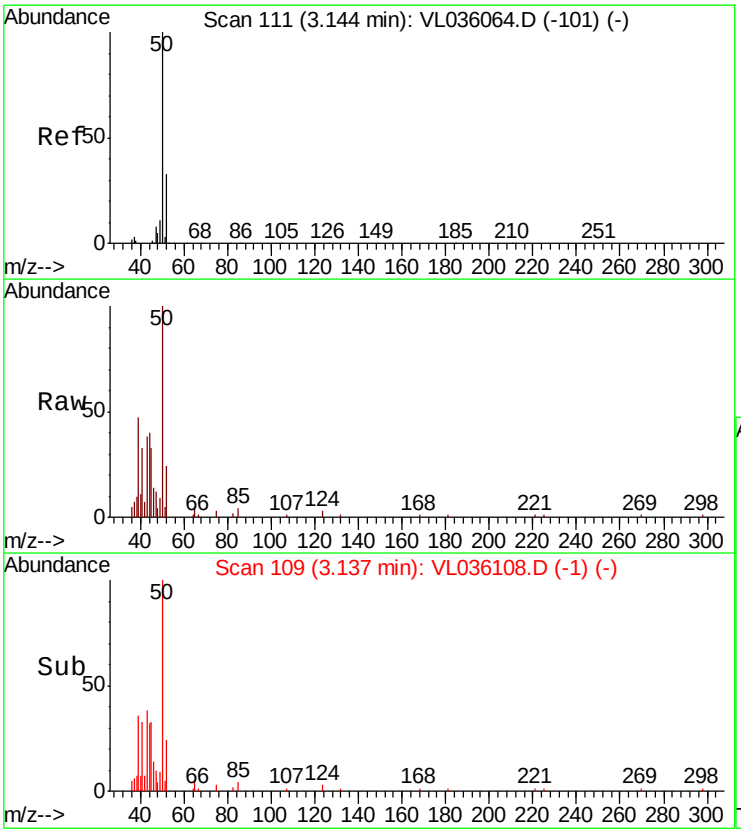
#3
Chlorodifluoromethane
Concen: 0.054 ppbv
RT: 3.21 min Scan# 131
Delta R.T. 0.22 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 51 Resp: 6826

Ion	Ratio	Lower	Upper
51	100		
67	14.4	14.3	21.5



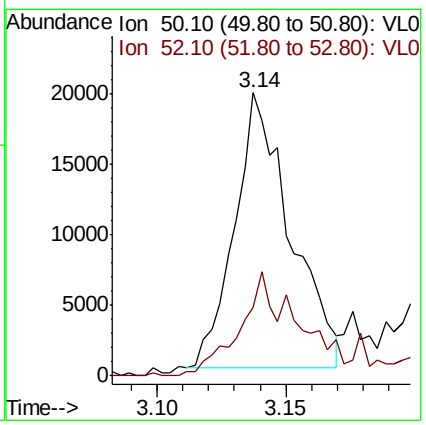
Instrument :
MSVOA_L
ClientSampleId :
IA-5

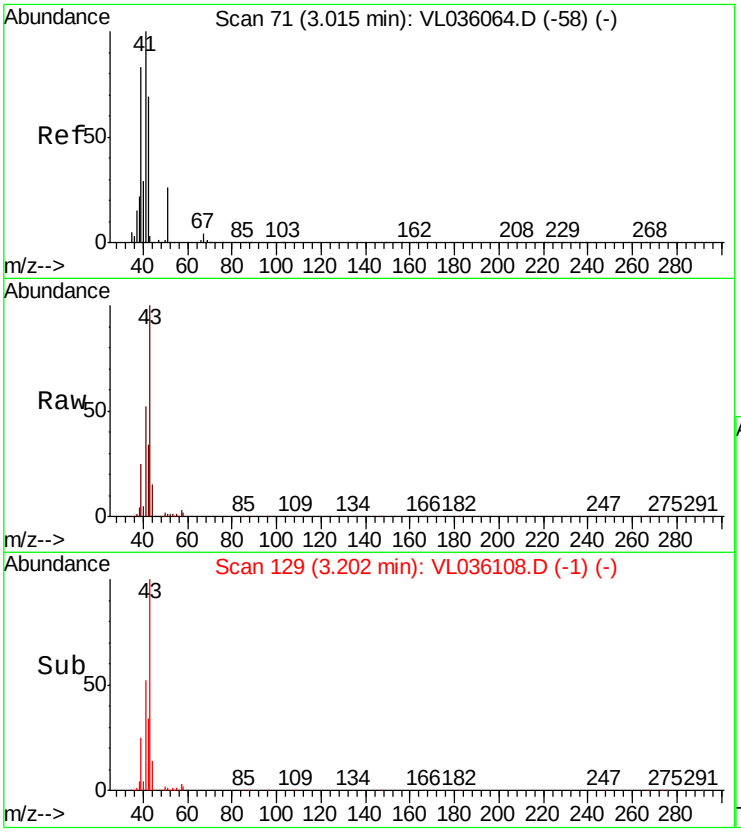


#4
Chloromethane
Concen: 0.474 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 50 Resp: 29402

Ion	Ratio	Lower	Upper
50	100		
52	23.4	26.1	39.1#



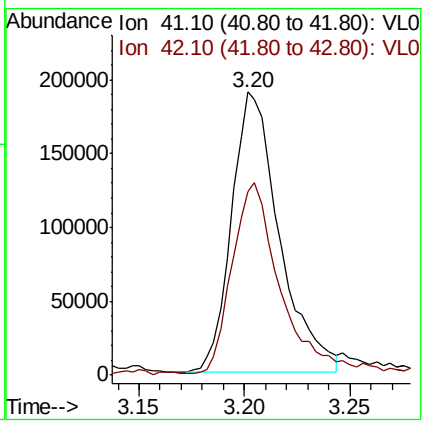


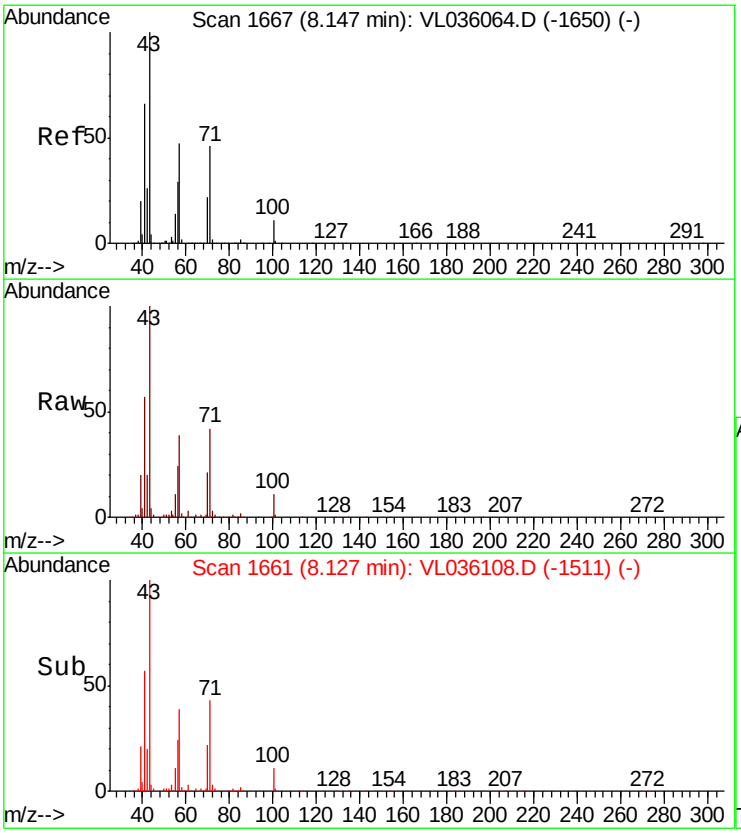
#9
Propene
Concen: 4.730 ppbv
RT: 3.20 min Scan# 129
Delta R.T. 0.19 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 41 Resp: 299232

Ion	Ratio	Lower	Upper
41	100		
42	71.0	57.0	85.6

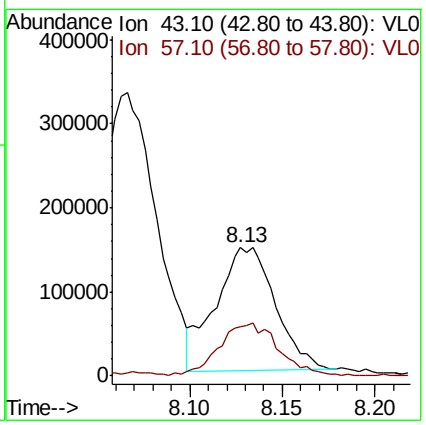


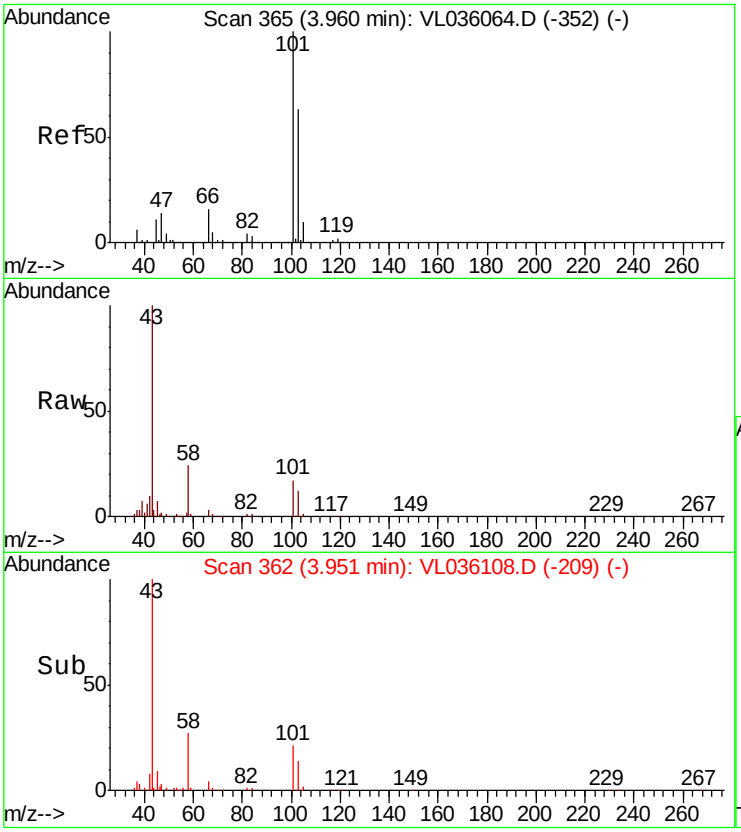


#10
Heptane
Concen: 2.051 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.02 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 43 Resp: 331398

Ion	Ratio	Lower	Upper
43	100		
57	44.0	37.9	56.9



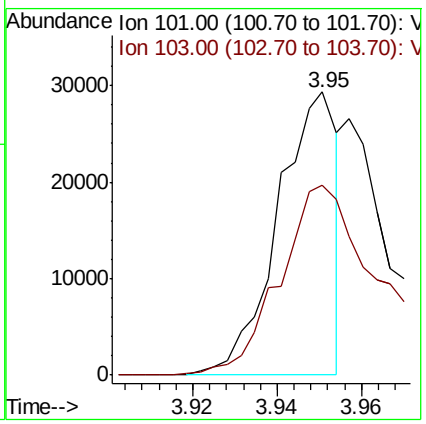


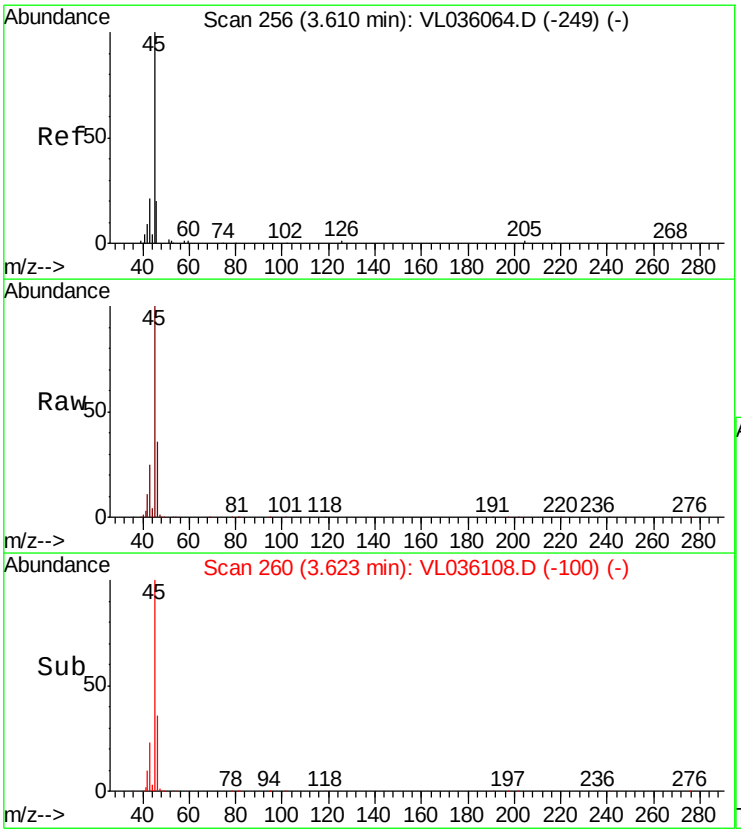
#11
Trichlorofluoromethane
Concen: 0.189 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tgt Ion:101 Resp: 28668

Ion	Ratio	Lower	Upper
101	100		
103	66.6	50.3	75.5

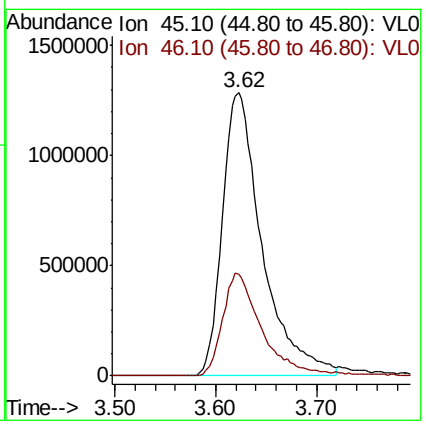


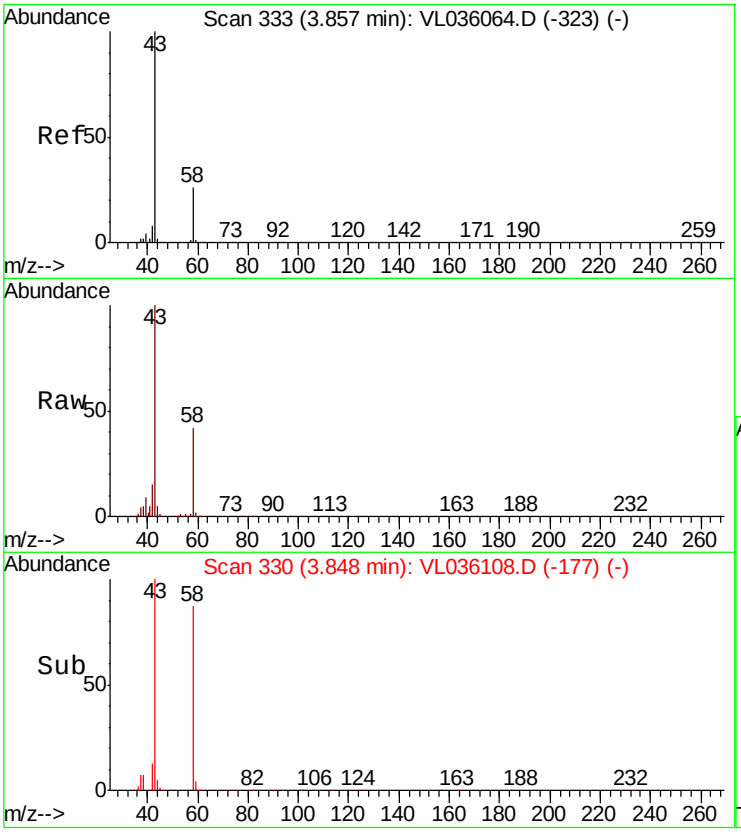


#13
Ethanol
Concen: 404.542 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 45 Resp: 3528249

Ion	Ratio	Lower	Upper
45	100		
46	36.5	19.0	75.8



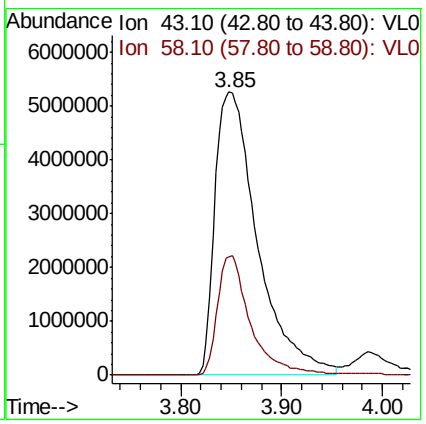


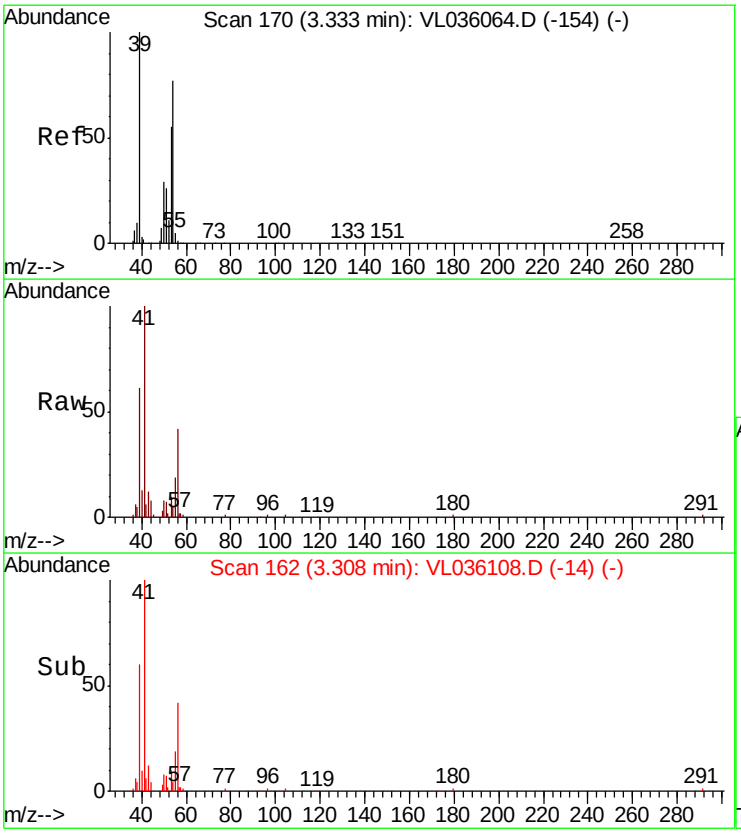
#15
Acetone
Concen: 116.448 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 43 Resp:15491646

Ion	Ratio	Lower	Upper
43	100		
58	33.5	20.9	31.3#

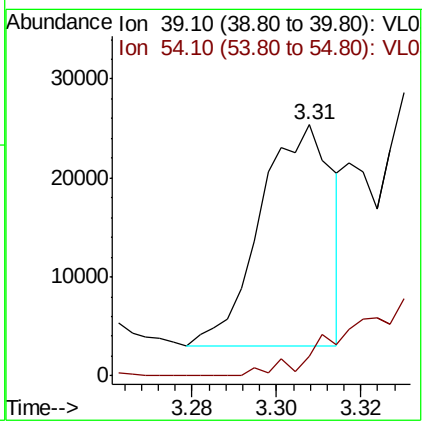


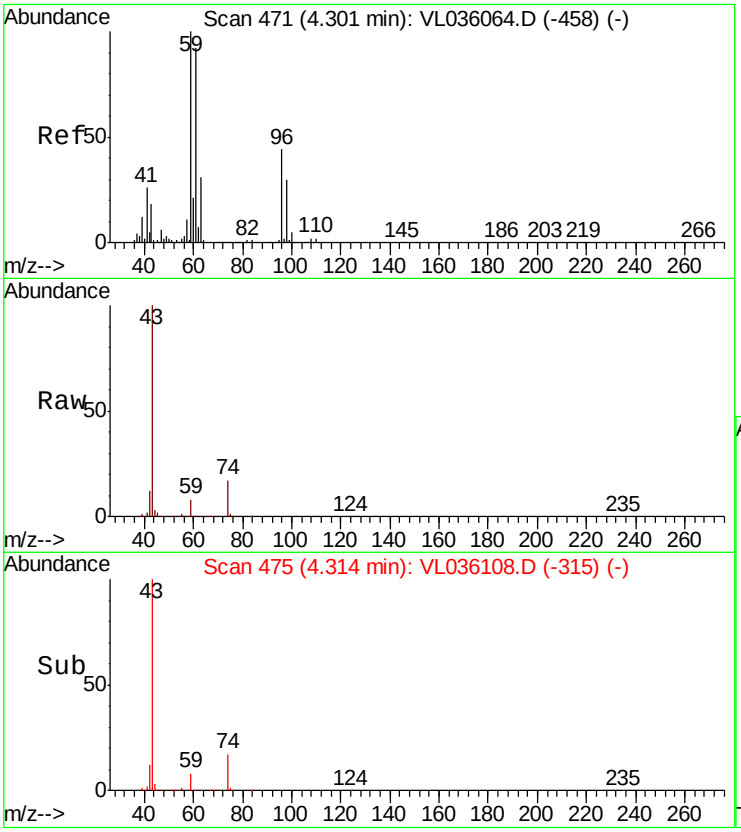


#16
1,3-Butadiene
Concen: 0.395 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.03 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 39 Resp: 26435

Ion	Ratio	Lower	Upper
39	100		
54	0.0	62.1	93.1#



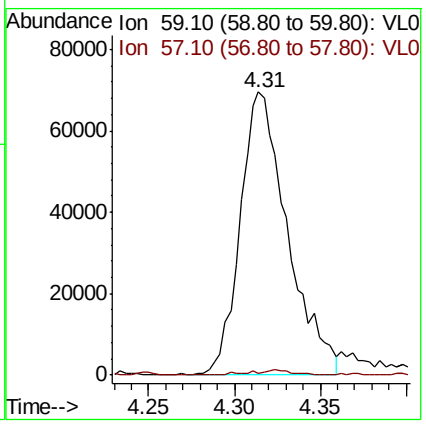


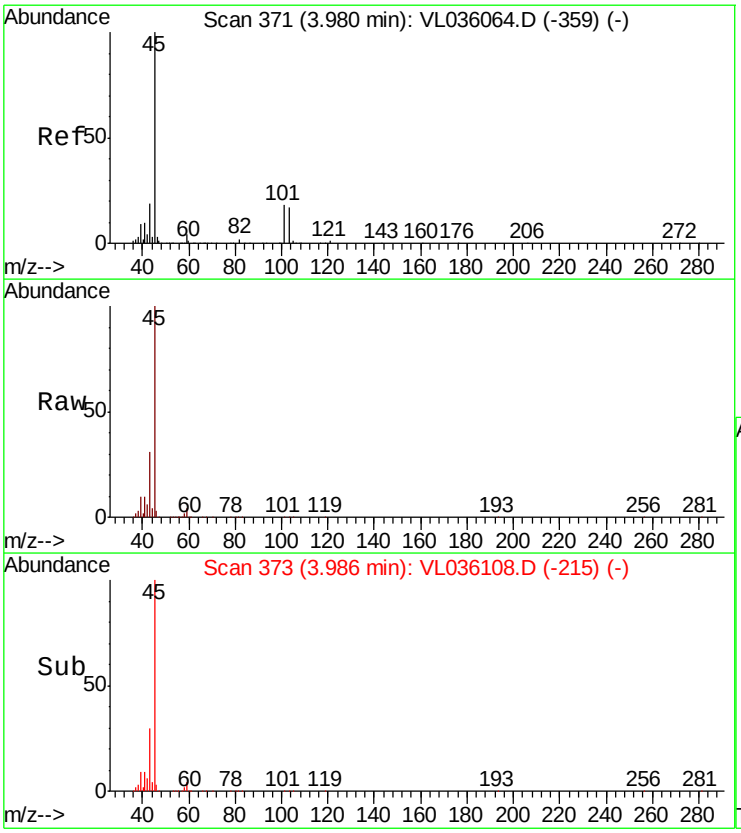
#17
tert-Butyl alcohol
Concen: 1.031 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 59 Resp: 132868

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

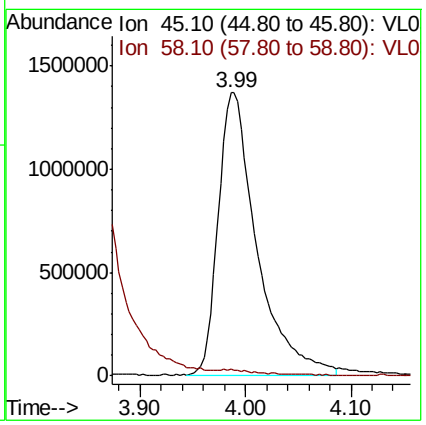


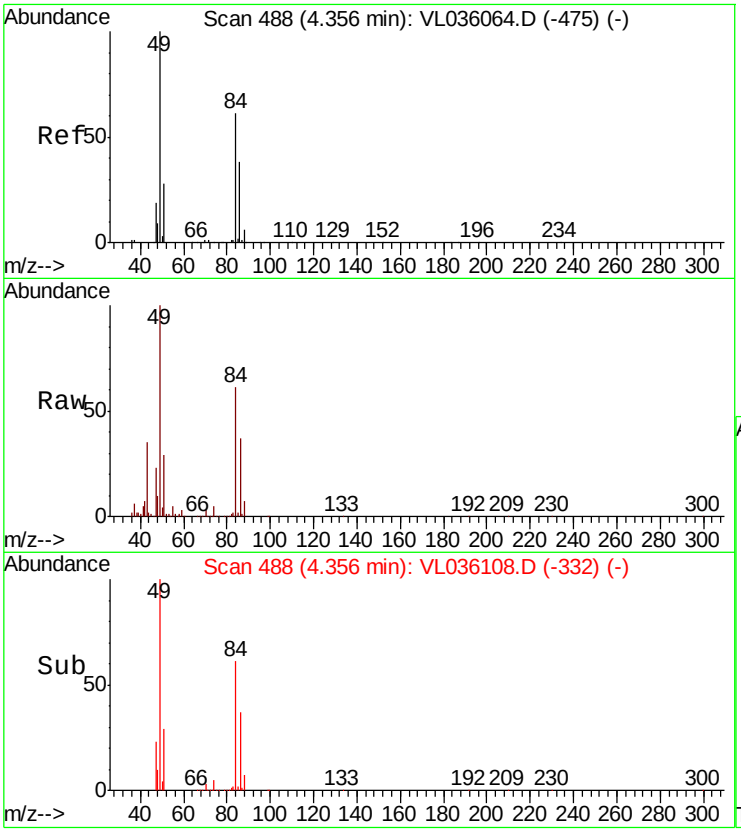


#19
Isopropyl Alcohol
Concen: 42.771 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 45 Resp: 3477768

Ion	Ratio	Lower	Upper
45	100		
58	149.9	0.0	0.0#



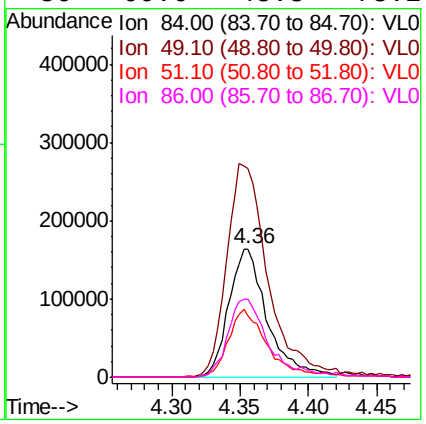


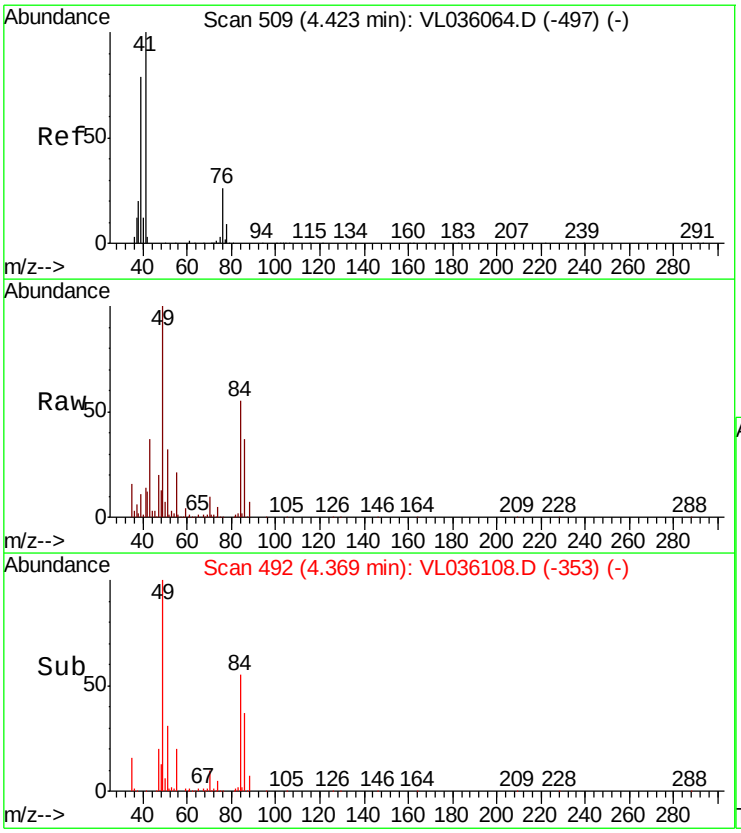
#20
Methylene Chloride
Concen: 5.902 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 84 Resp: 321748

Ion	Ratio	Lower	Upper
84	100		
49	162.9	133.0	199.4
51	46.9	38.9	58.3
86	60.6	48.8	73.2

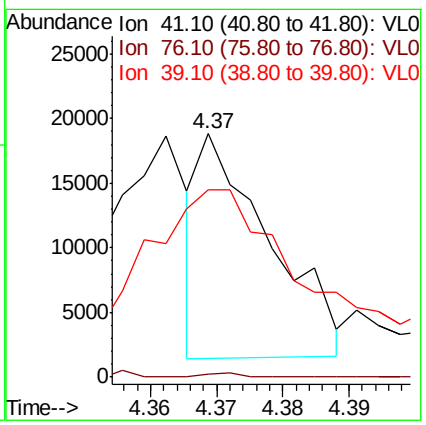


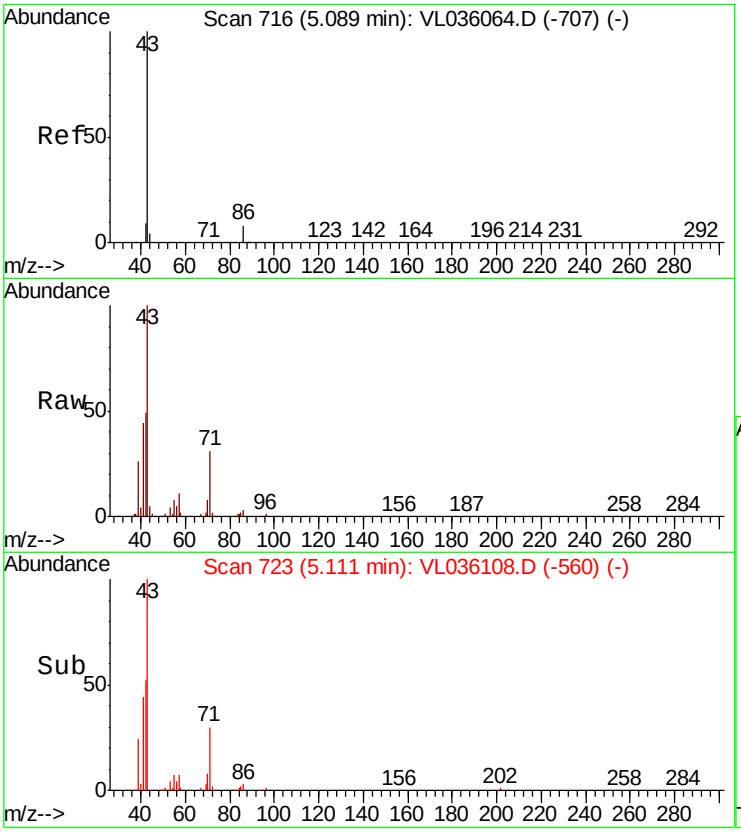


#21
Allyl Chloride
Concen: 0.145 ppbv
RT: 4.37 min Scan# 492
Delta R.T. -0.05 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 41 Resp: 12814

Ion	Ratio	Lower	Upper
41	100		
76	0.9	21.0	31.4#
39	221.2	66.0	99.0#



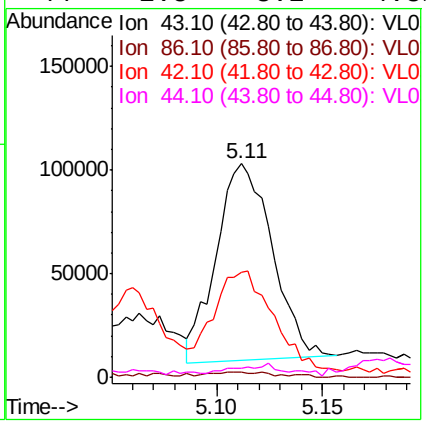


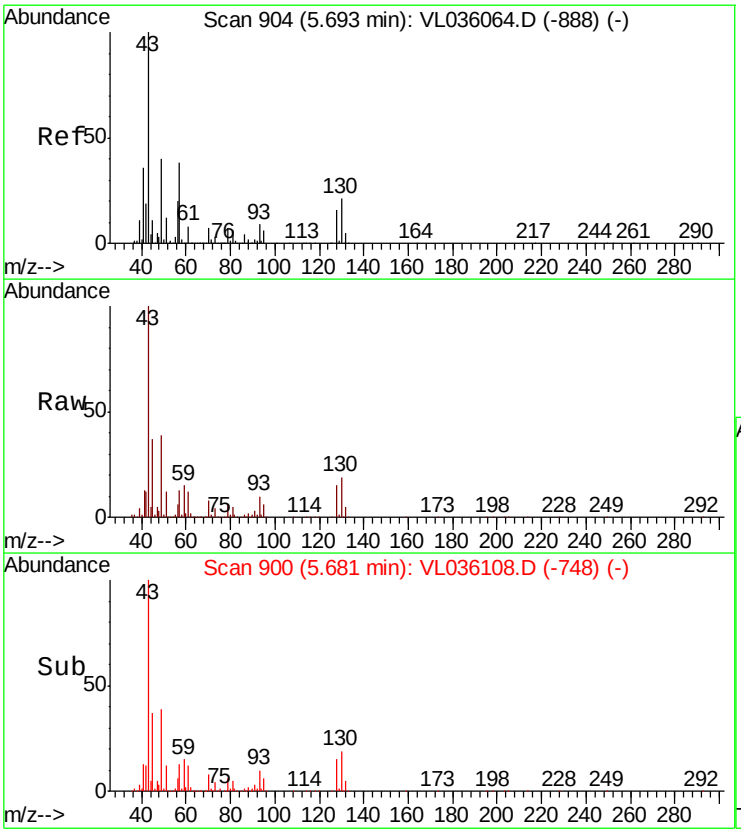
#23
Vinyl Acetate
Concen: 0.985 ppbv
RT: 5.11 min Scan# 723
Delta R.T. 0.02 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 43 Resp: 174391

Ion	Ratio	Lower	Upper
43	100		
86	2.4	5.0	7.4#
42	50.6	7.8	11.6#
44	2.5	3.2	4.8#

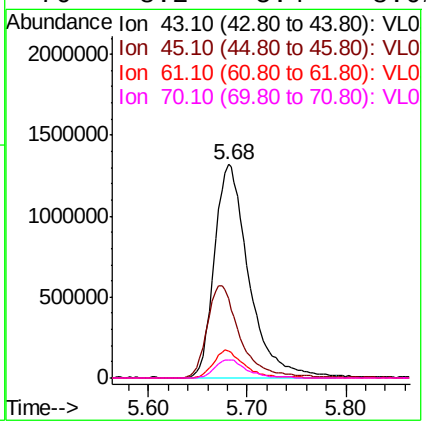


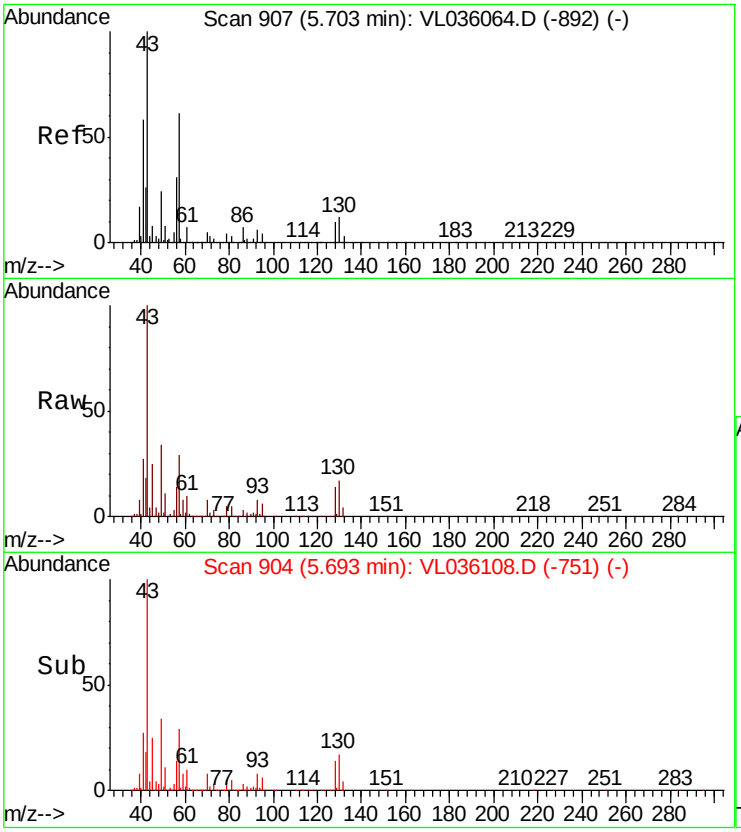


#25
Ethyl Acetate
Concen: 12.039 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 43 Resp: 3199725

Ion	Ratio	Lower	Upper
43	100		
45	42.3	8.2	12.4#
61	12.0	7.4	11.2#
70	8.2	5.4	8.0#



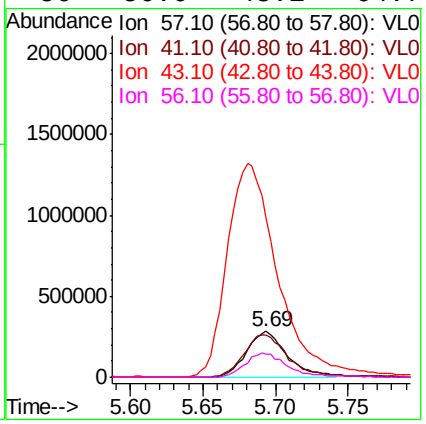


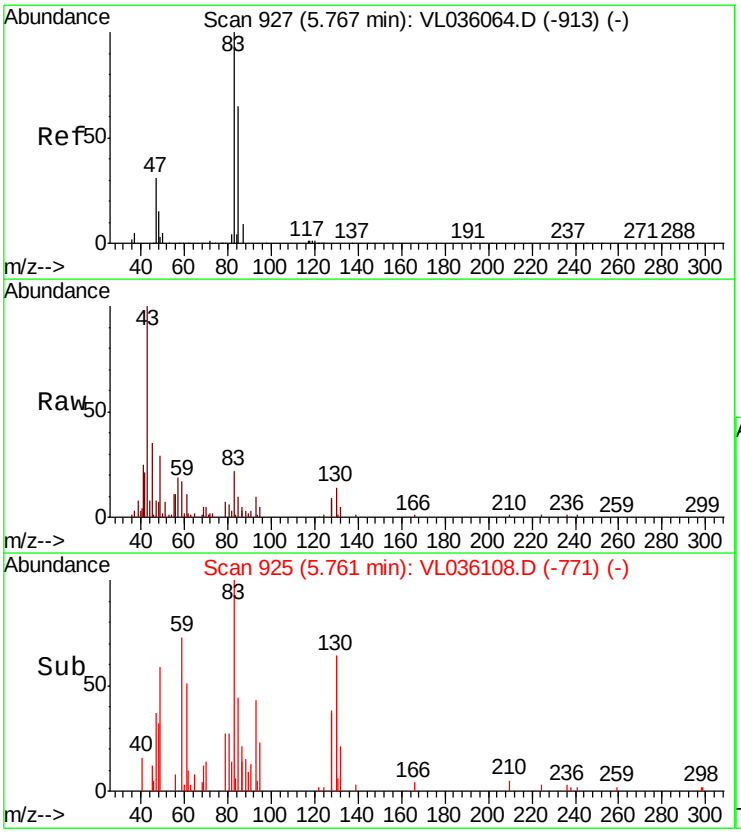
#26
Hexane
Concen: 4.617 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 57 Resp: 552303

Ion	Ratio	Lower	Upper
57	100		
41	104.8	82.9	124.3
43	587.6	199.9	299.9#
56	56.0	43.1	64.7

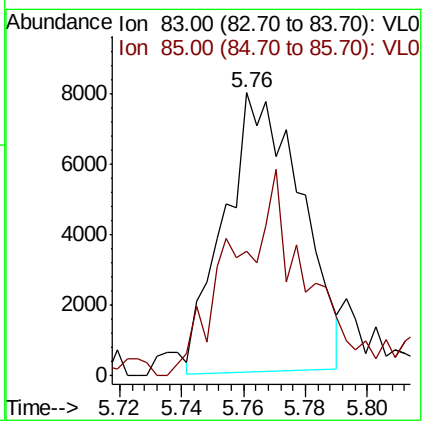


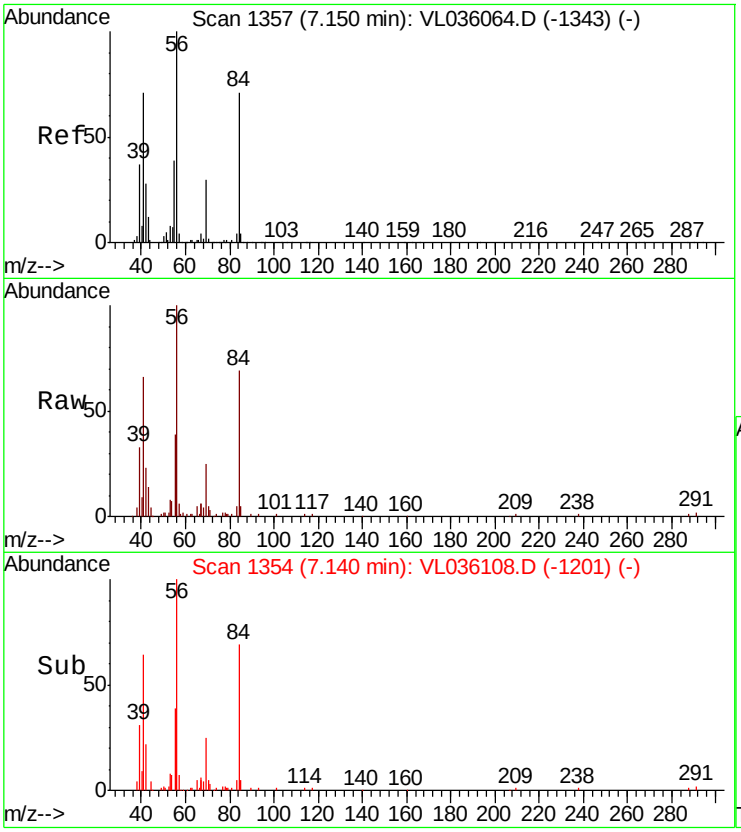


#29
Chloroform
Concen: 0.087 ppbv
RT: 5.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 83 Resp: 13659

Ion	Ratio	Lower	Upper
83	100		
85	37.9	51.8	77.6#



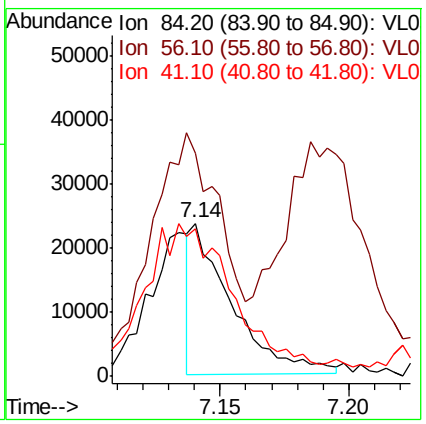


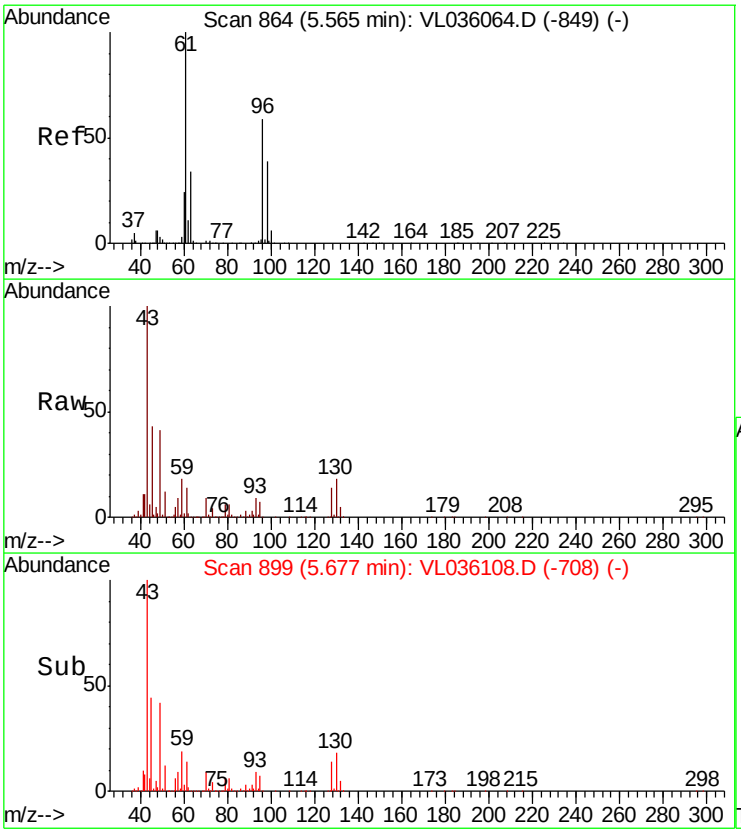
#30
Cyclohexane
Concen: 0.291 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 84 Resp: 25602

Ion	Ratio	Lower	Upper
84	100		
56	293.5	128.0	192.0#
41	0.0	81.3	121.9#

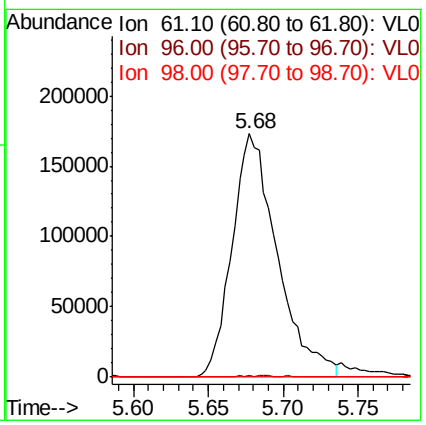


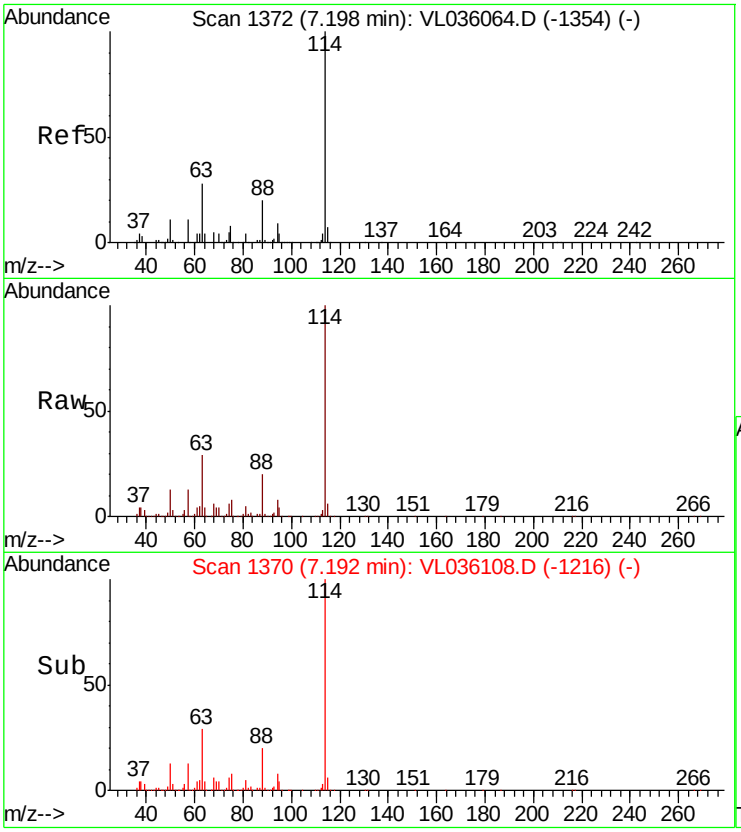


#31
cis-1,2-Dichloroethene
Concen: 3.358 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.11 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 61 Resp: 365118

Ion	Ratio	Lower	Upper
61	100		
96	0.7	47.3	70.9#
98	0.0	31.4	47.0#



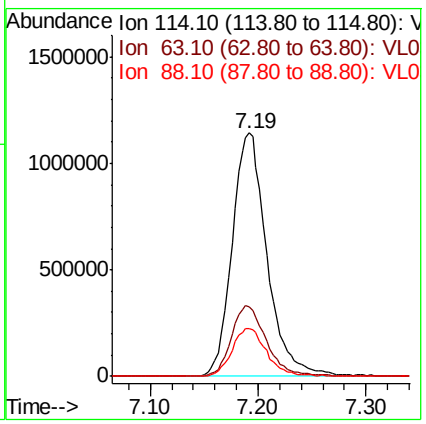


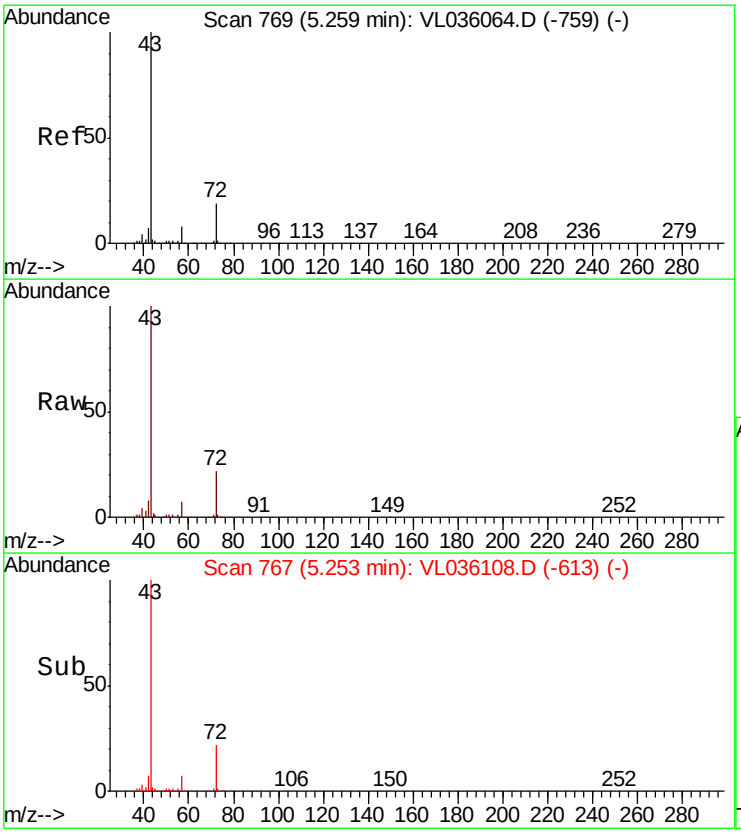
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tgt Ion:114 Resp: 2558302

Ion	Ratio	Lower	Upper
114	100		
63	29.5	23.6	35.4
88	20.1	15.8	23.6

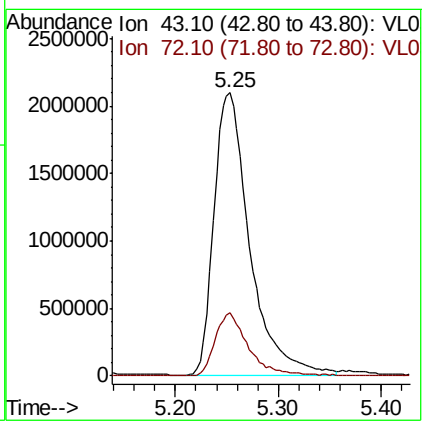


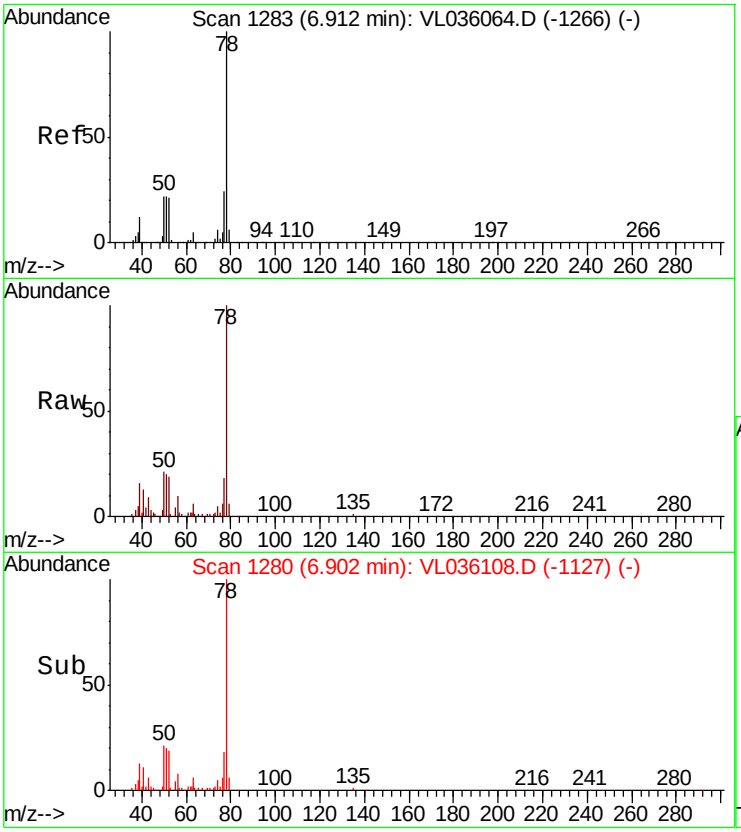


#34
2-Butanone
Concen: 29.712 ppbv
RT: 5.25 min Scan# 767
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 43 Resp: 5042148

Ion	Ratio	Lower	Upper
43	100		
72	21.0	16.5	24.7



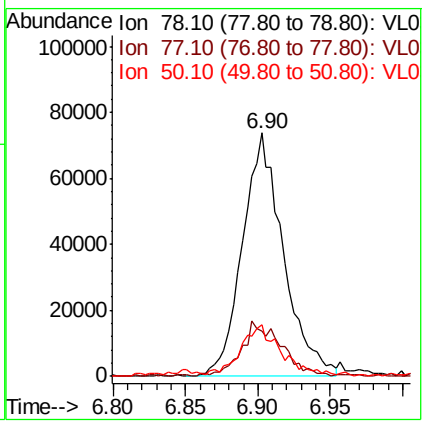


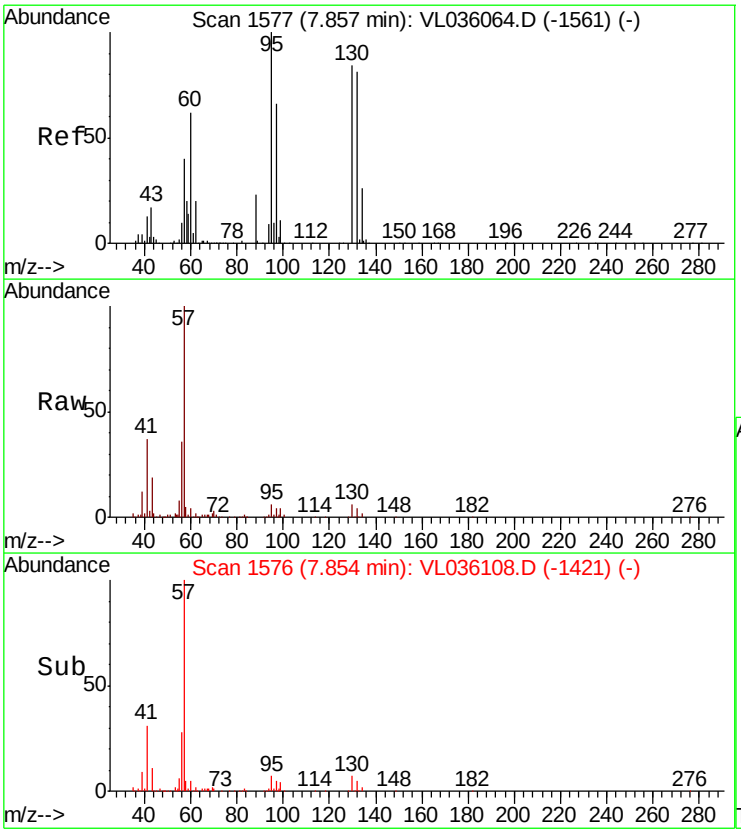
#36
Benzene
Concen: 0.668 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tgt Ion: 78 Resp: 144872

Ion	Ratio	Lower	Upper
78	100		
77	17.8	19.4	29.2#
50	20.4	17.8	26.8

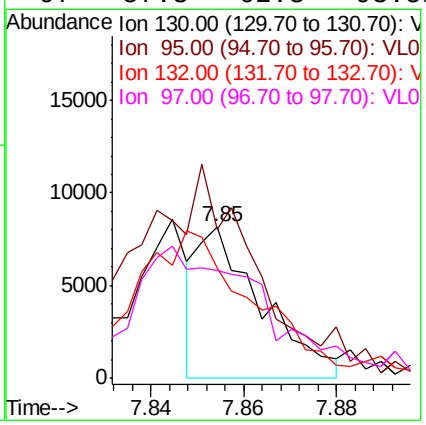


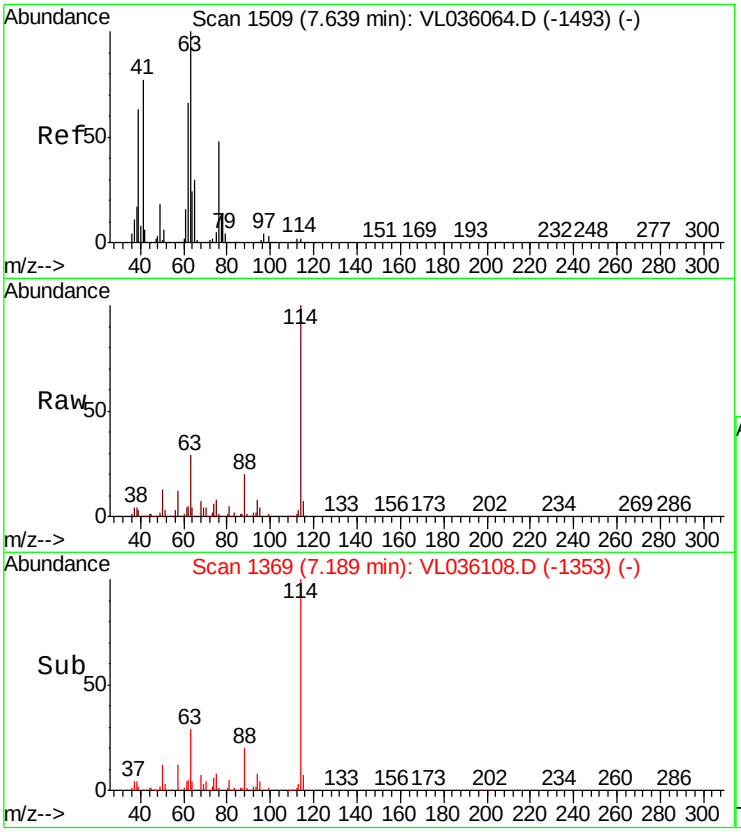


#38
Trichloroethene
Concen: 0.096 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:130 Resp: 7784

Ion	Ratio	Lower	Upper
130	100		
95	74.0	95.2	142.8#
132	77.0	76.9	115.3
97	57.3	62.3	93.5#



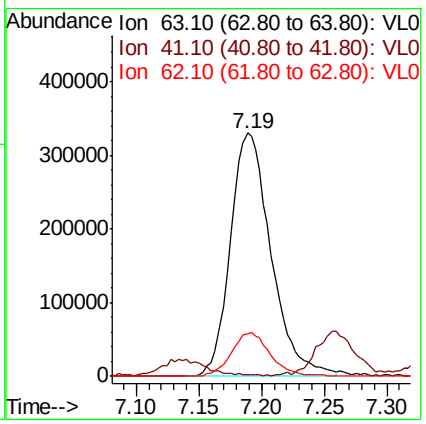


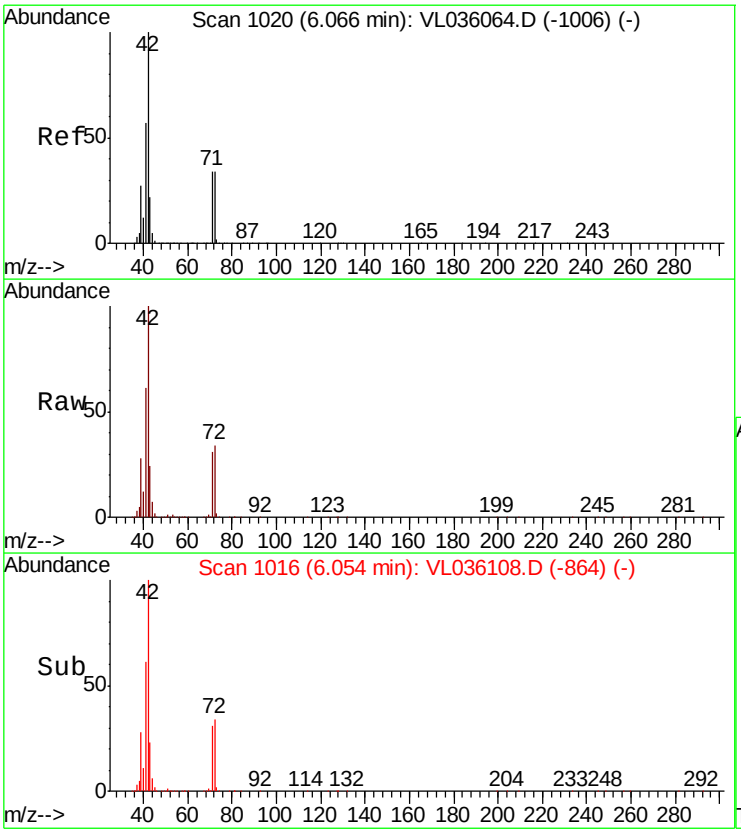
#39
1,2-Dichloropropane
Concen: 8.663 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.45 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 63 Resp: 741730

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	17.2	52.5	78.7#

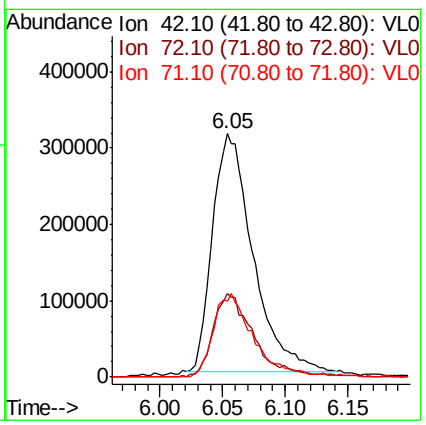


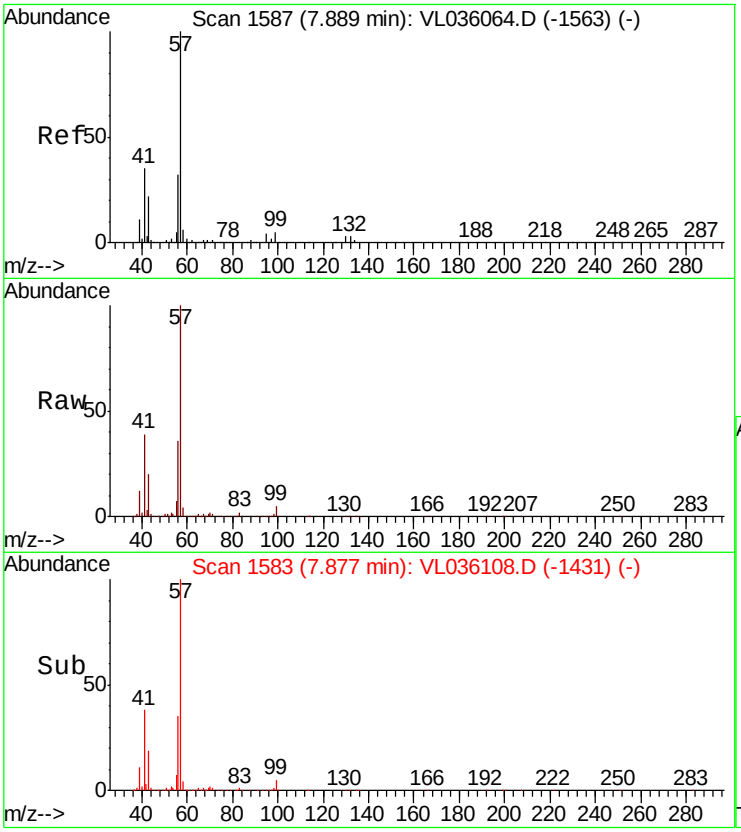


#41
Tetrahydrofuran
Concen: 6.968 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 42 Resp: 702501

Ion	Ratio	Lower	Upper
42	100		
72	35.7	28.3	42.5
71	34.8	27.3	40.9



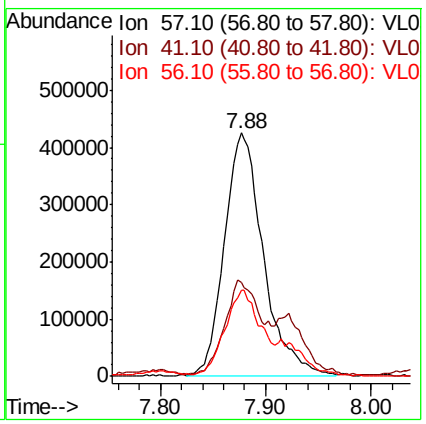


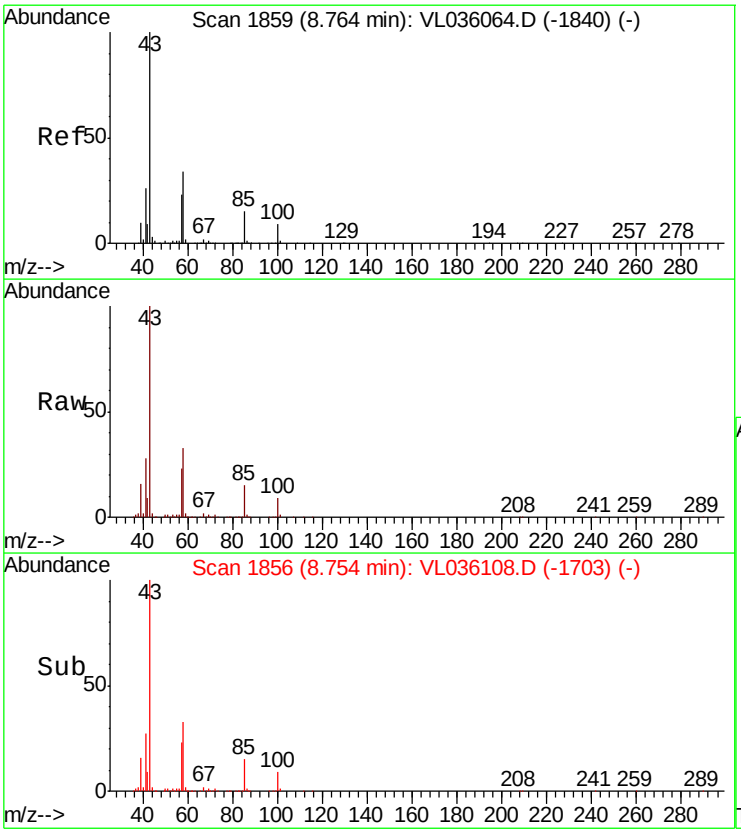
#44
2,2,4-Trimethylpentane
Concen: 2.757 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 57 Resp: 1082482

Ion	Ratio	Lower	Upper
57	100		
41	56.5	28.9	43.3#
56	43.6	25.3	37.9#

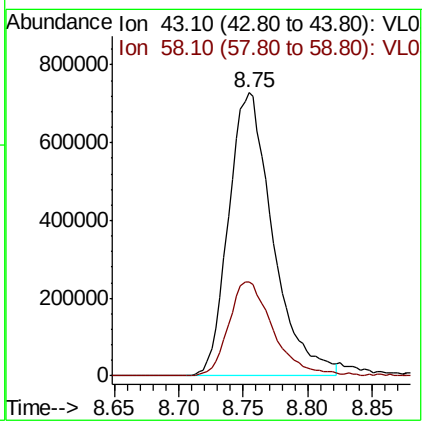


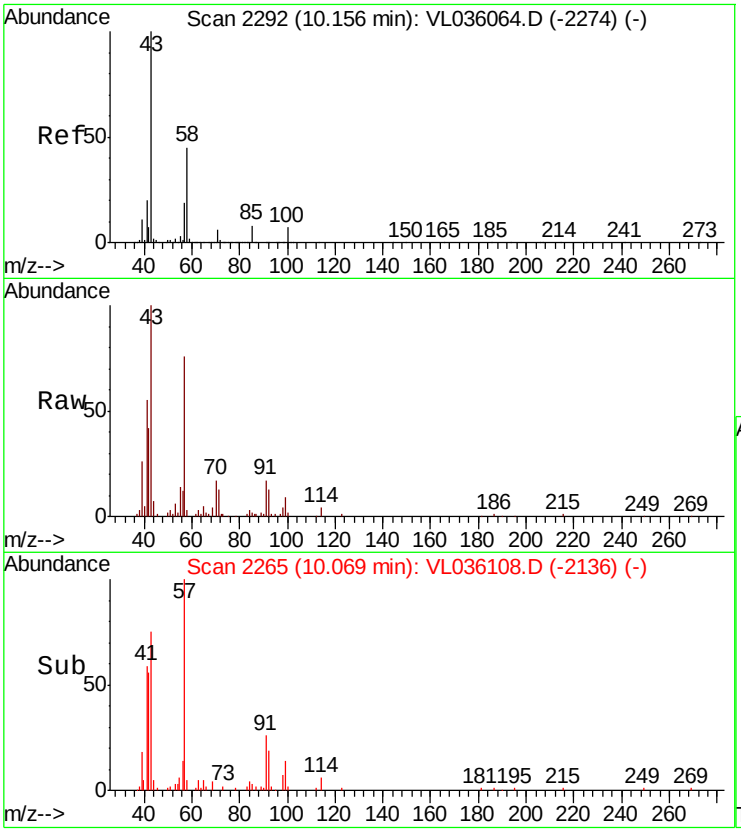


#50
4-Methyl-2-Pentanone
Concen: 6.859 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 43 Resp: 1735777

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.4	41.2



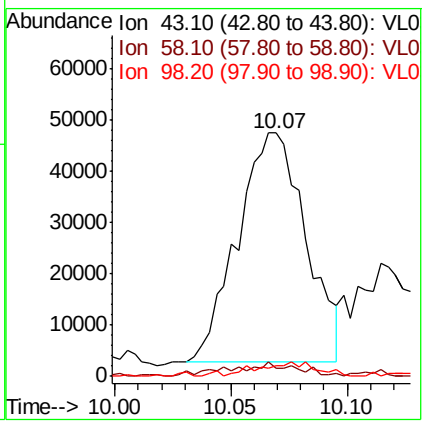


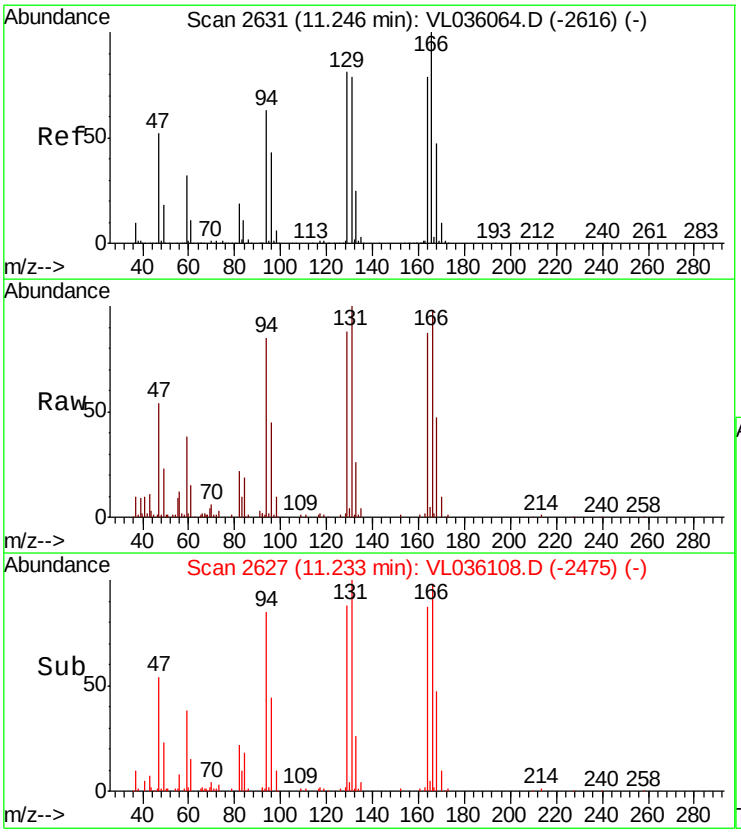
#51
2-Hexanone
Concen: 0.465 ppbv
RT: 10.07 min Scan# 2265
Delta R.T. -0.09 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 43 Resp: 92065

Ion	Ratio	Lower	Upper
43	100		
58	6.7	38.7	58.1#
98	5.8	0.1	0.1#

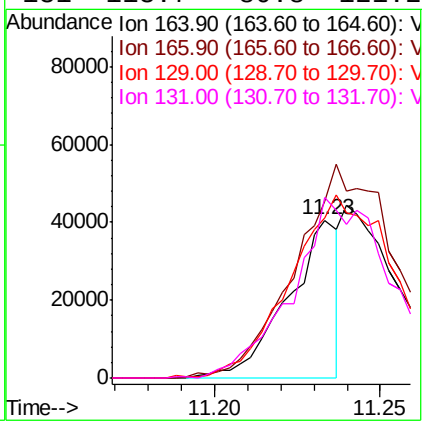


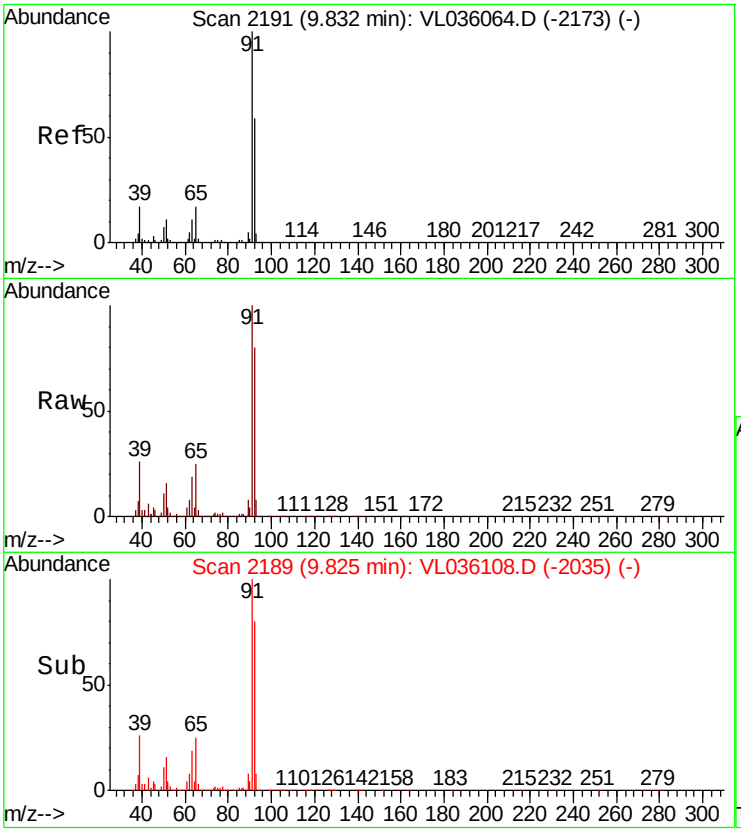


#52
Tetrachloroethene
Concen: 0.543 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:164 Resp: 42642

Ion	Ratio	Lower	Upper
164	100		
166	111.0	101.9	152.9
129	100.2	82.1	123.1
131	113.7	80.8	121.2



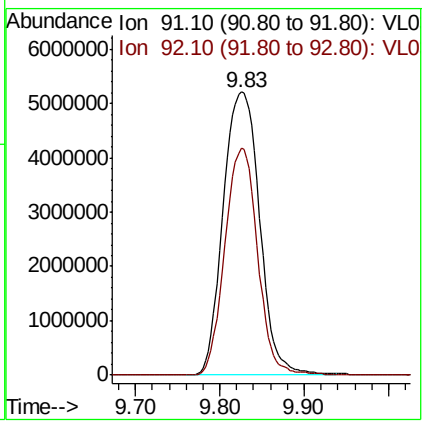


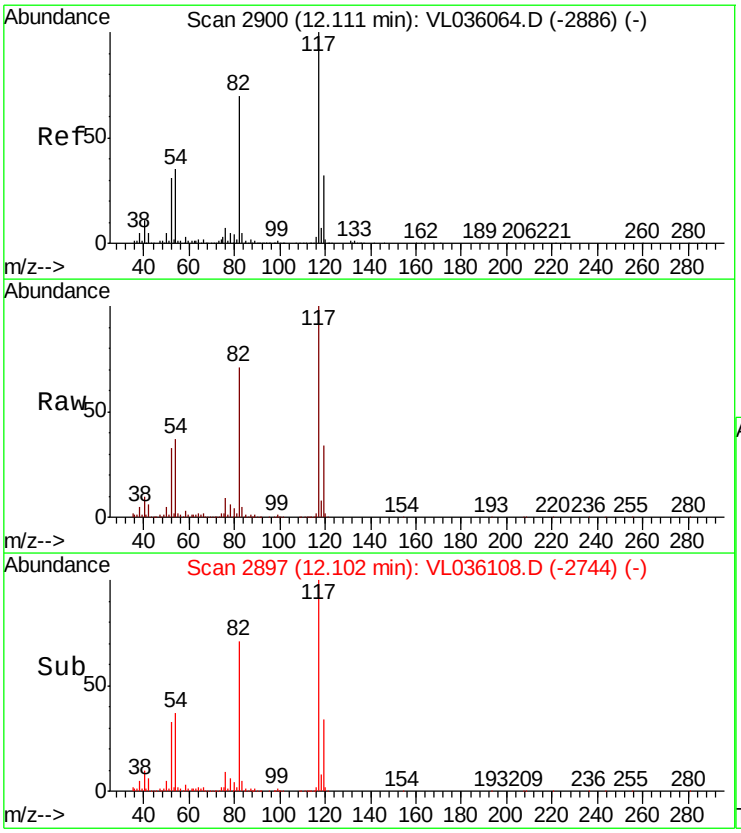
#53
Toluene
Concen: 64.506 ppbv
RT: 9.83 min Scan# 2189
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tgt Ion: 91 Resp:15704518

Ion	Ratio	Lower	Upper
91	100		
92	72.2	48.2	72.2

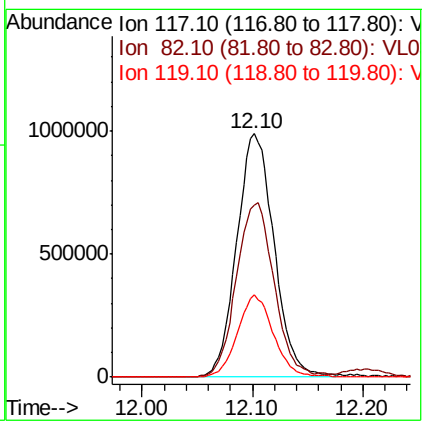


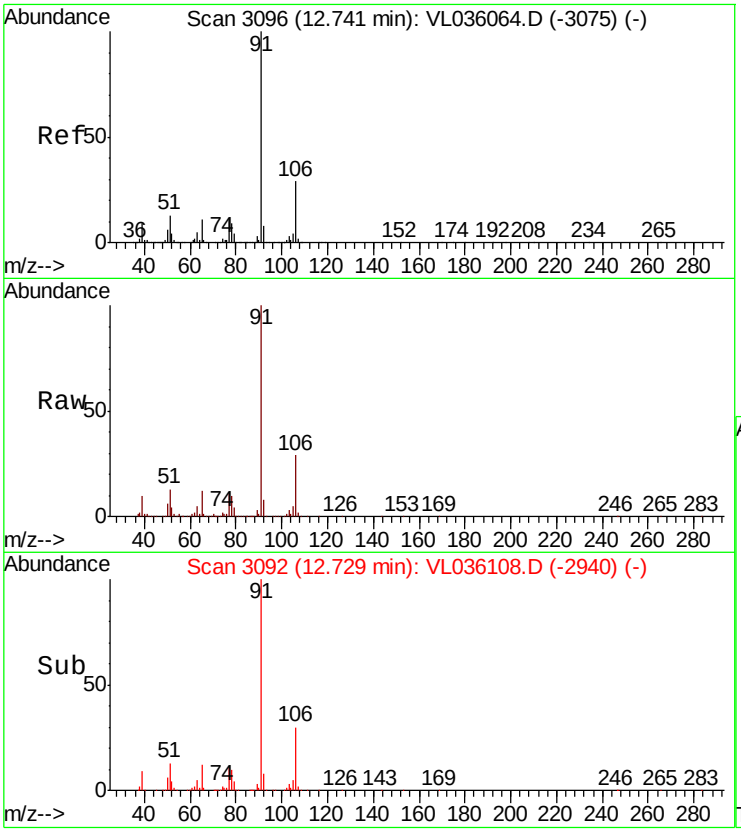


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:117 Resp: 2323889

Ion	Ratio	Lower	Upper
117	100		
82	72.7	0.0	0.0#
119	32.6	0.0	0.0#



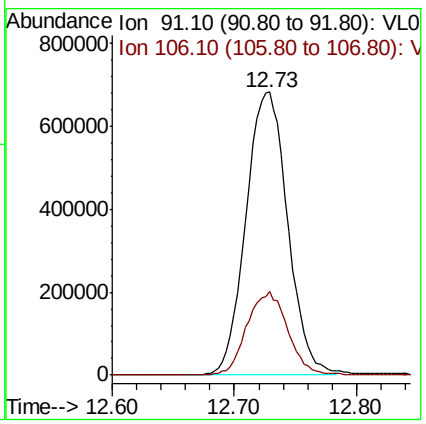


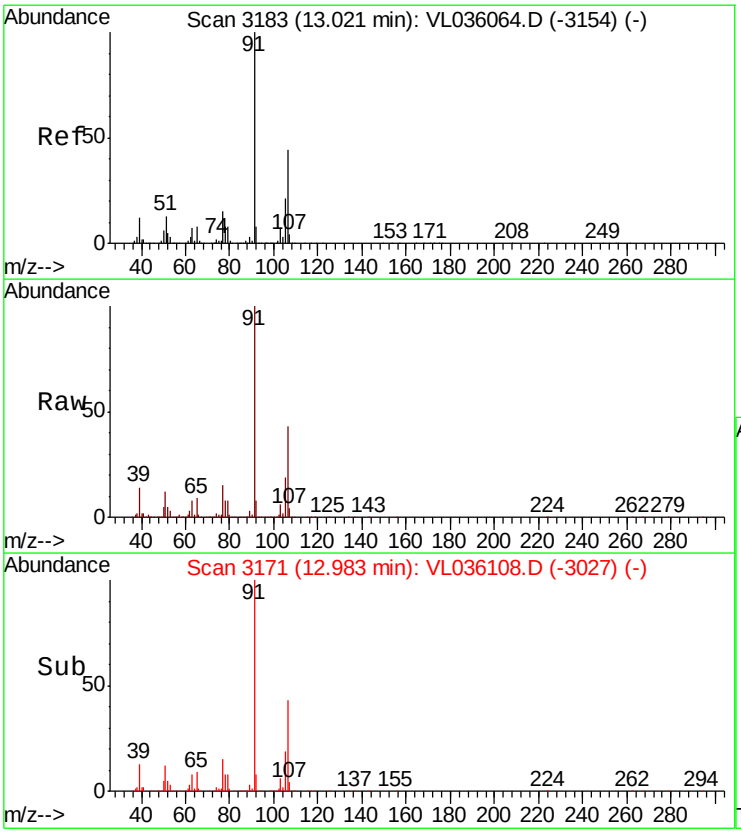
#58
Ethyl Benzene
Concen: 5.062 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 91 Resp: 1611958

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.0	34.4

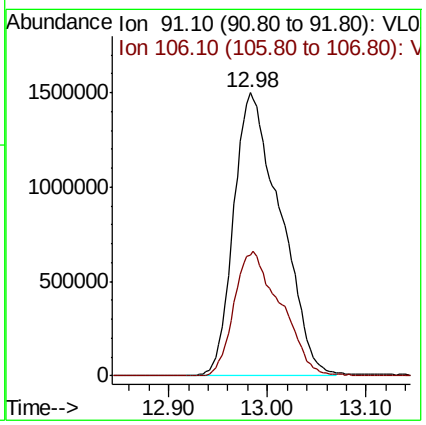


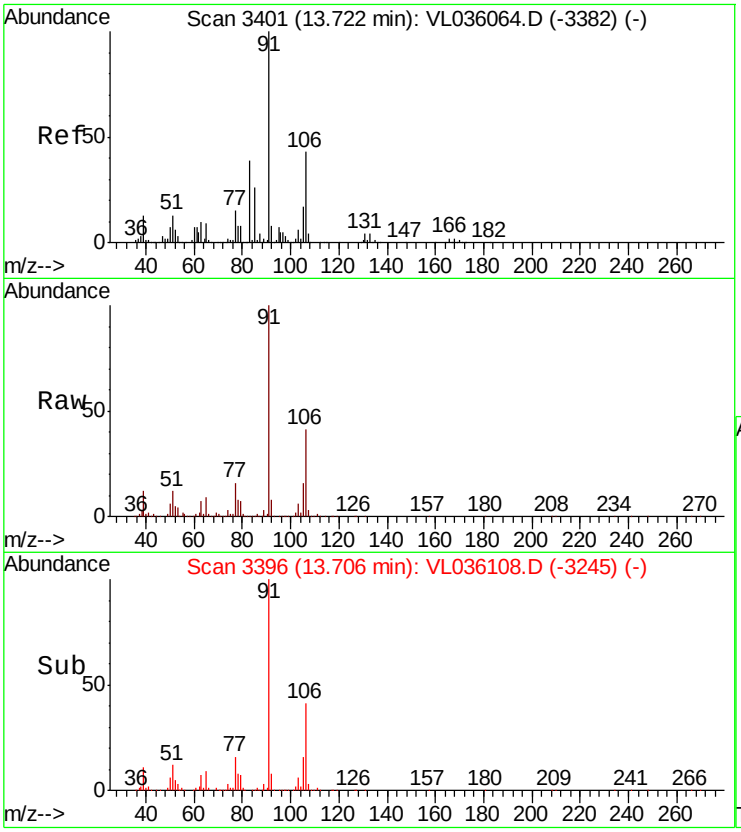


#59
m/p-Xylene
Concen: 18.291 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 91 Resp: 4906348

Ion	Ratio	Lower	Upper
91	100		
106	44.4	33.6	50.4



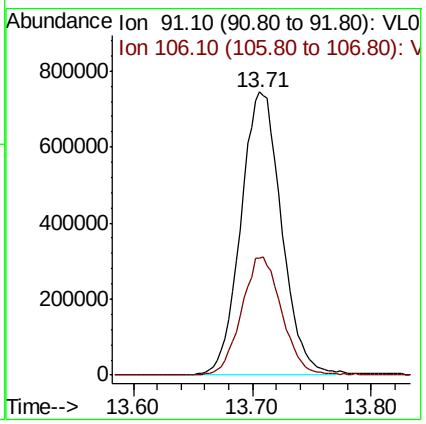


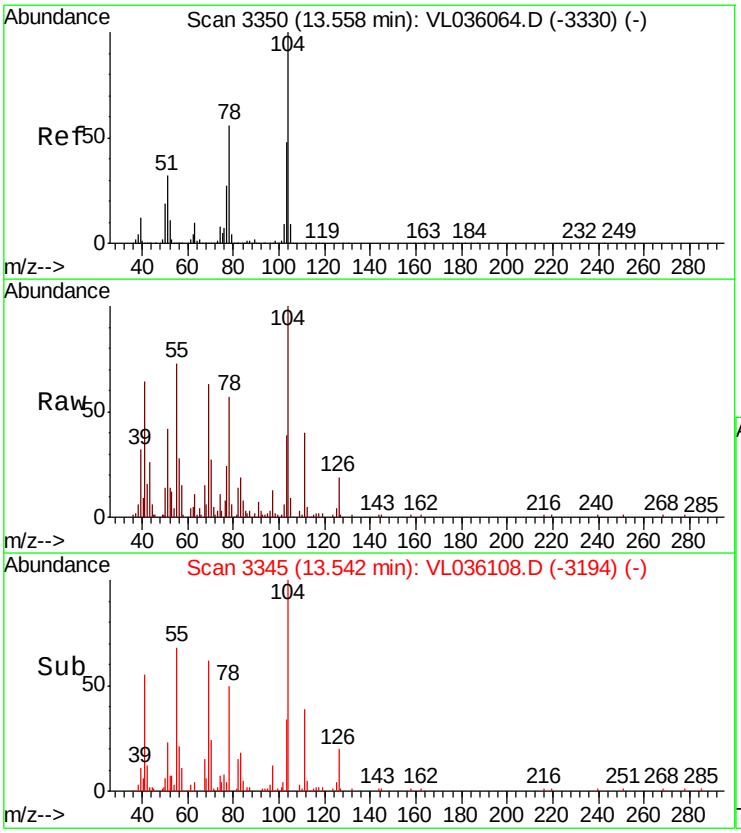
#60
o-Xylene
Concen: 6.944 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.02 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 91 Resp: 1754941

Ion	Ratio	Lower	Upper
91	100		
106	41.3	21.6	64.6

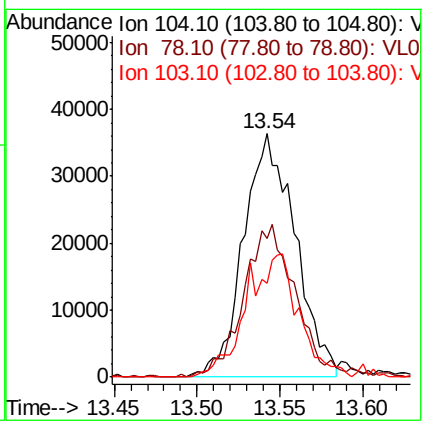


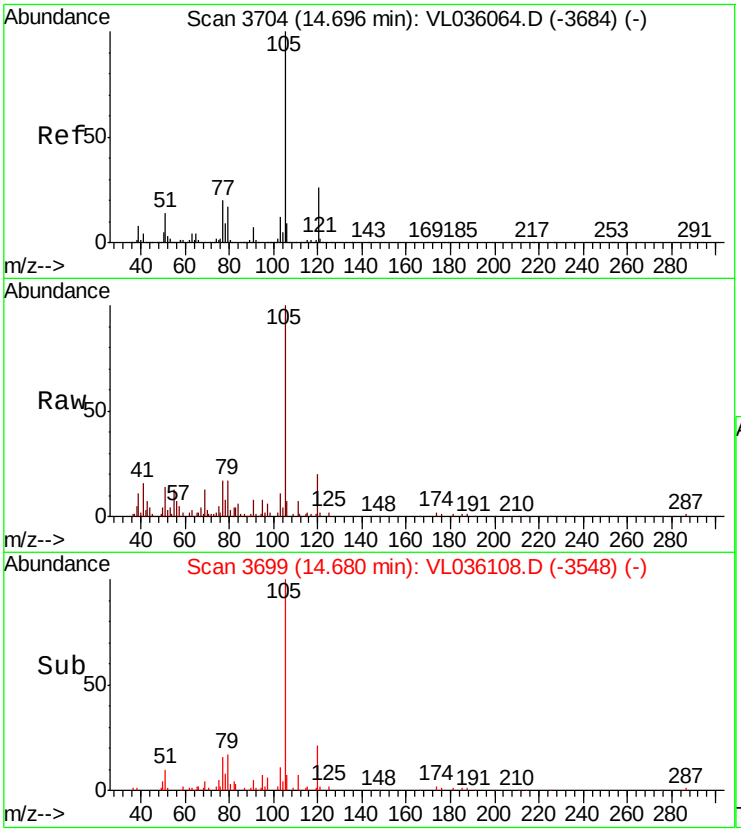


#61
Styrene
Concen: 0.485 ppbv
RT: 13.54 min Scan# 3345
Delta R.T. -0.02 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:104 Resp: 78717

Ion	Ratio	Lower	Upper
104	100		
78	64.3	45.8	68.8
103	52.7	38.6	57.8



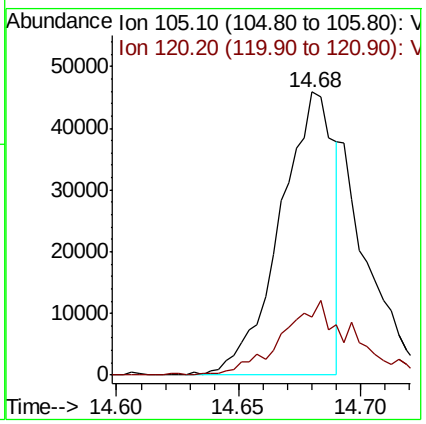


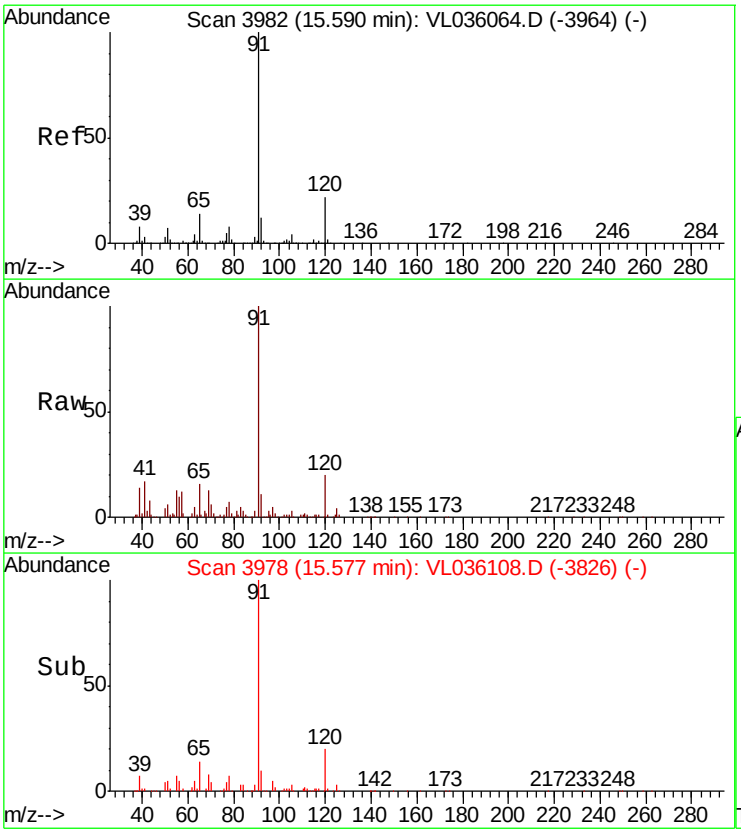
#62
Isopropylbenzene
Concen: 0.187 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.02 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument :
MSVOA_L
ClientSampleId :
IA-5

Tgt Ion:105 Resp: 69994

Ion	Ratio	Lower	Upper
105	100		
120	34.4	20.1	30.1#

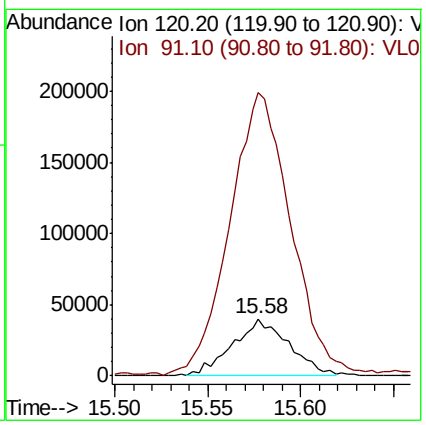


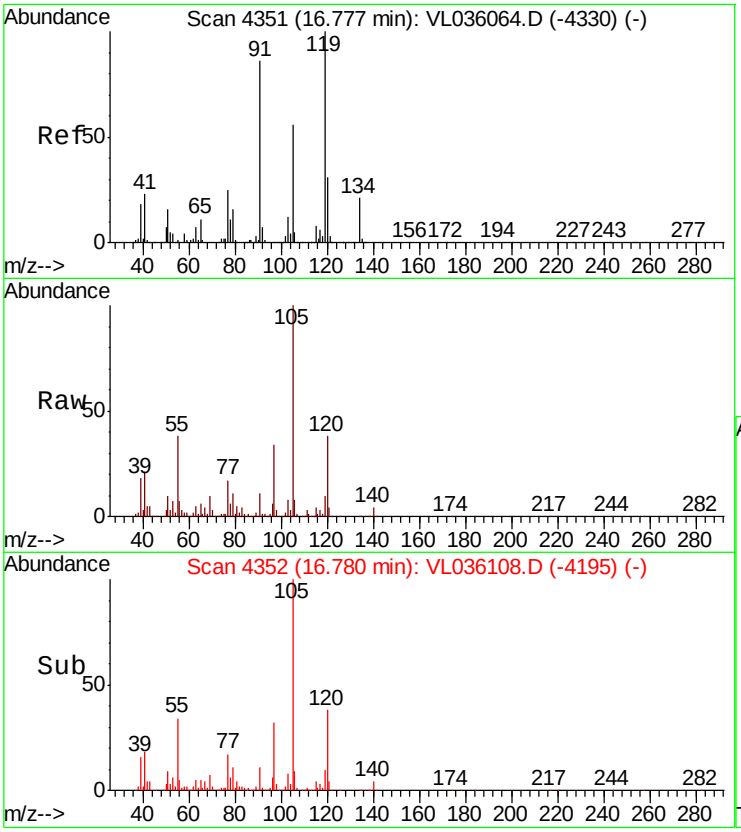


#64
n-propylbenzene
Concen: 0.923 ppbv
RT: 15.58 min Scan# 3978
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:120 Resp: 83190

Ion	Ratio	Lower	Upper
120	100		
91	545.3	388.9	583.3



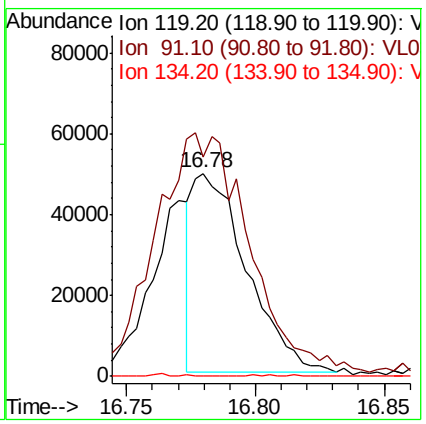


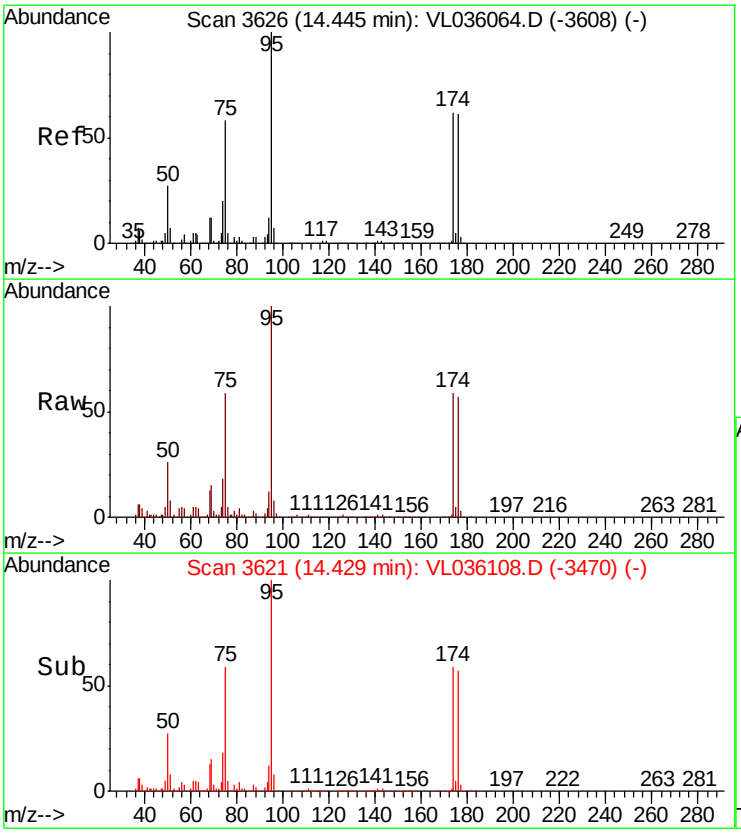
#65
tert-Butylbenzene
Concen: 0.231 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion:119 Resp: 70933

Ion	Ratio	Lower	Upper
119	100		
91	216.9	70.2	105.2#
134	0.0	15.8	23.6#

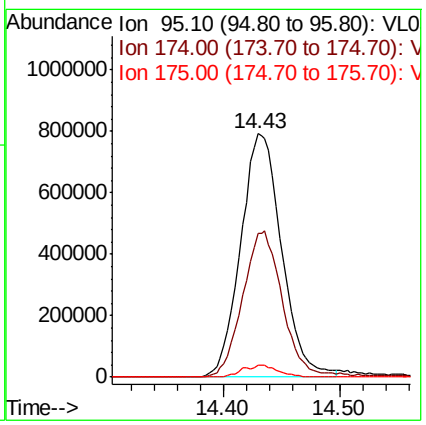


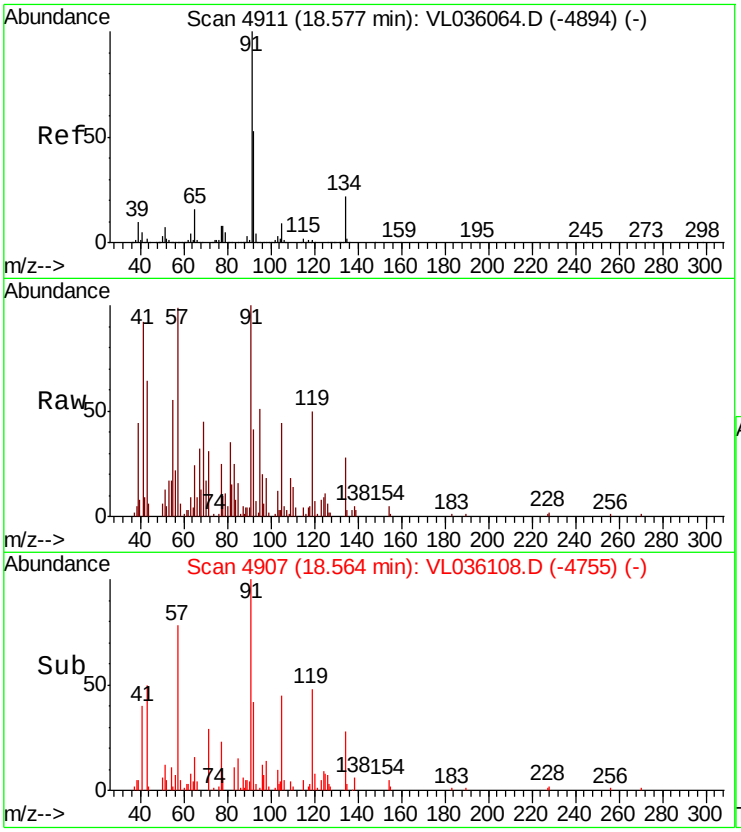


#68
1-Bromo-4-Fluorobenzene
Concen: 10.549 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.02 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 95 Resp: 1946599

Ion	Ratio	Lower	Upper
95	100		
174	59.0	50.7	76.1
175	4.4	4.0	6.0



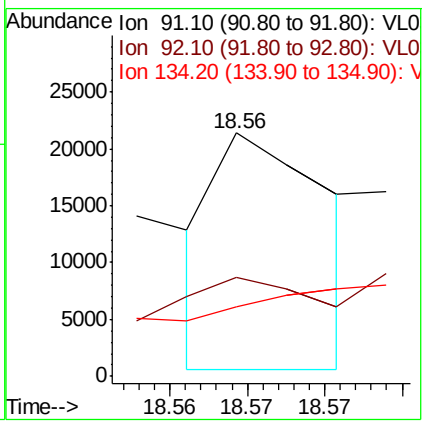


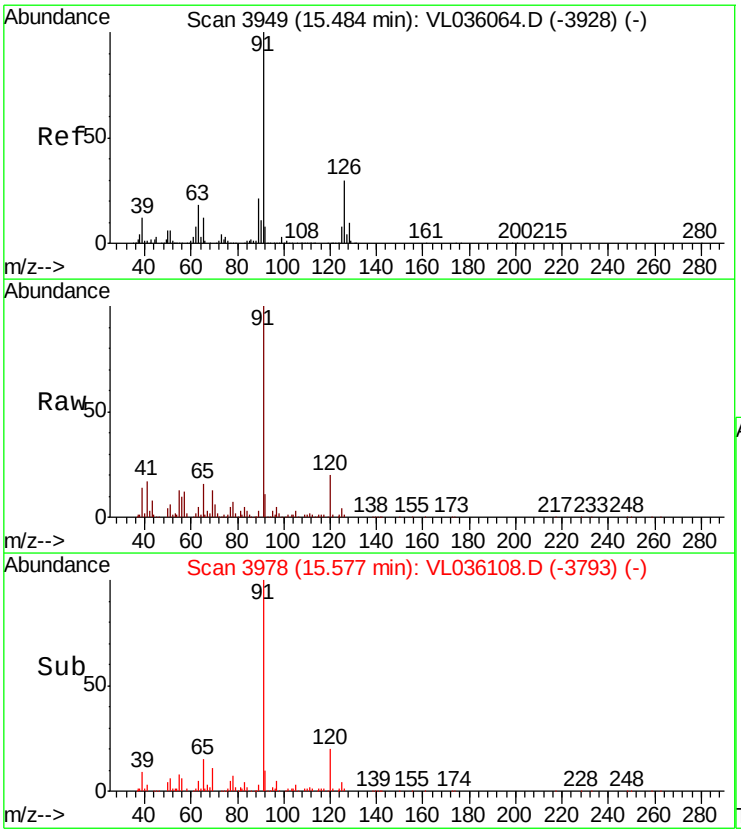
#70
n-Butylbenzene
Concen: 0.031 ppbv
RT: 18.56 min Scan# 4907
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion: 91 Resp: 10441

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.3	64.9#
134	0.0	17.1	25.7#

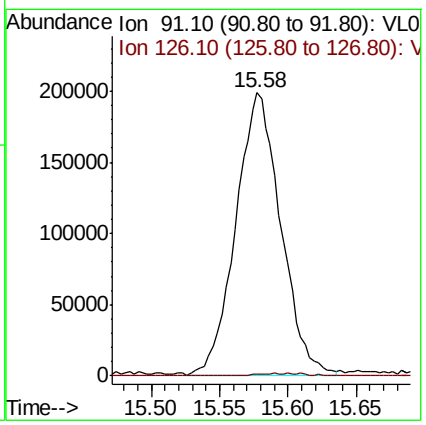


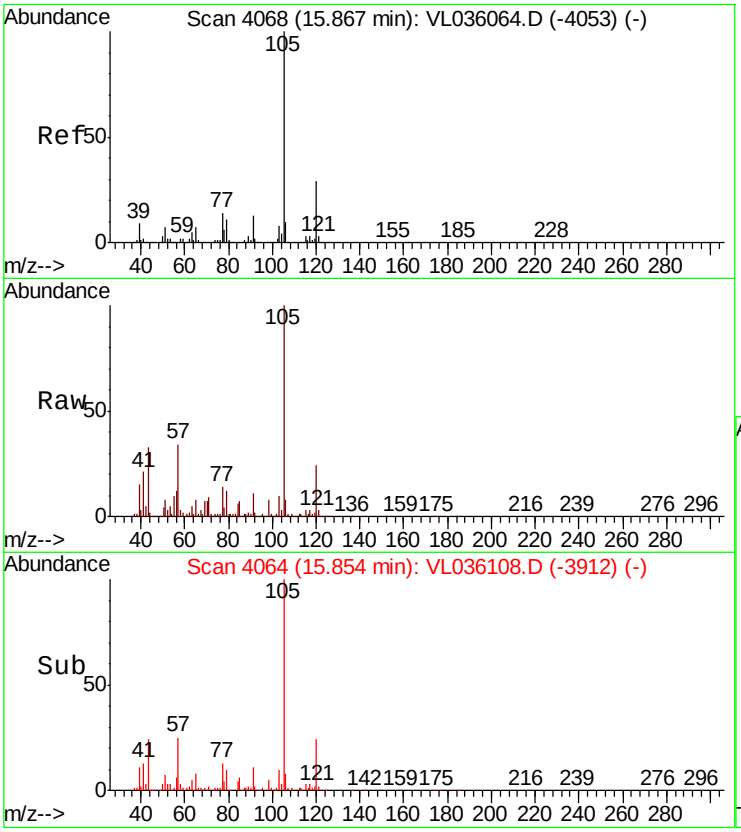


#71
2-Chlorotoluene
Concen: 1.591 ppbv
RT: 15.58 min Scan# 3978
Delta R.T. 0.09 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion: 91 Resp: 450543

Ion	Ratio	Lower	Upper
91	100		
126	1.1	11.6	46.4#



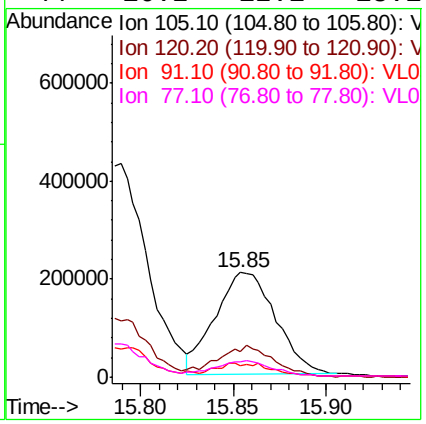


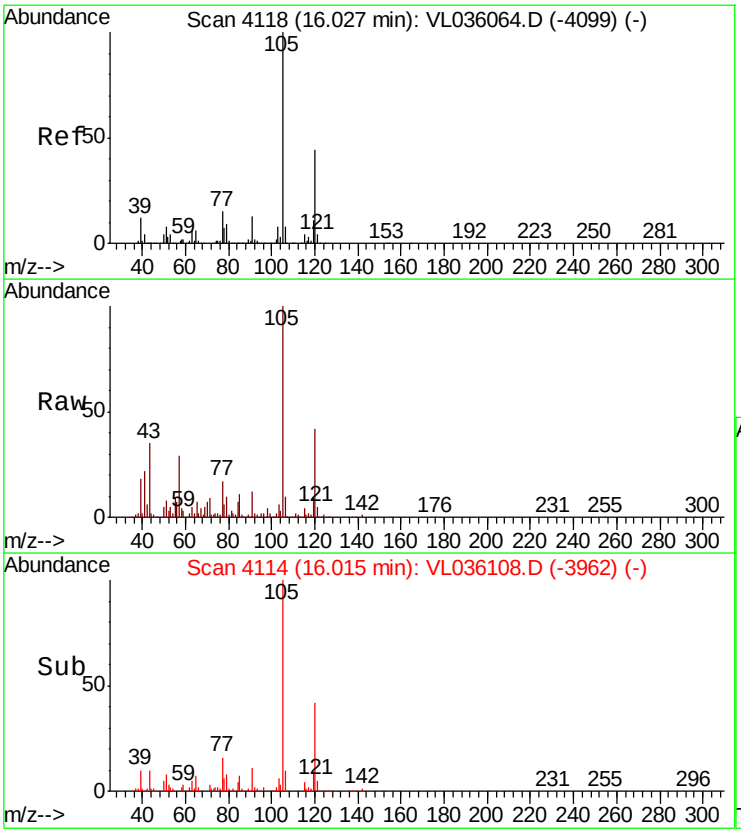
#72
4-Ethyltoluene
Concen: 1.730 ppbv
RT: 15.85 min Scan# 4064
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion:105 Resp: 473611

Ion	Ratio	Lower	Upper
105	100		
120	30.4	23.6	35.4
91	12.6	11.4	17.0
77	16.2	12.1	18.1

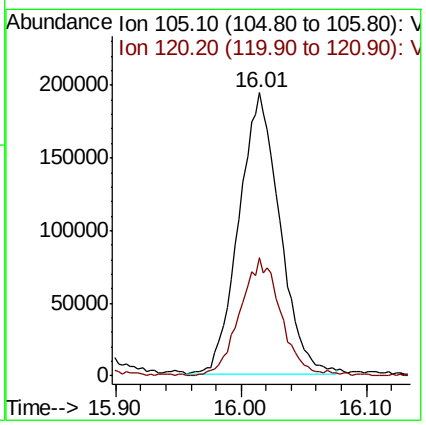


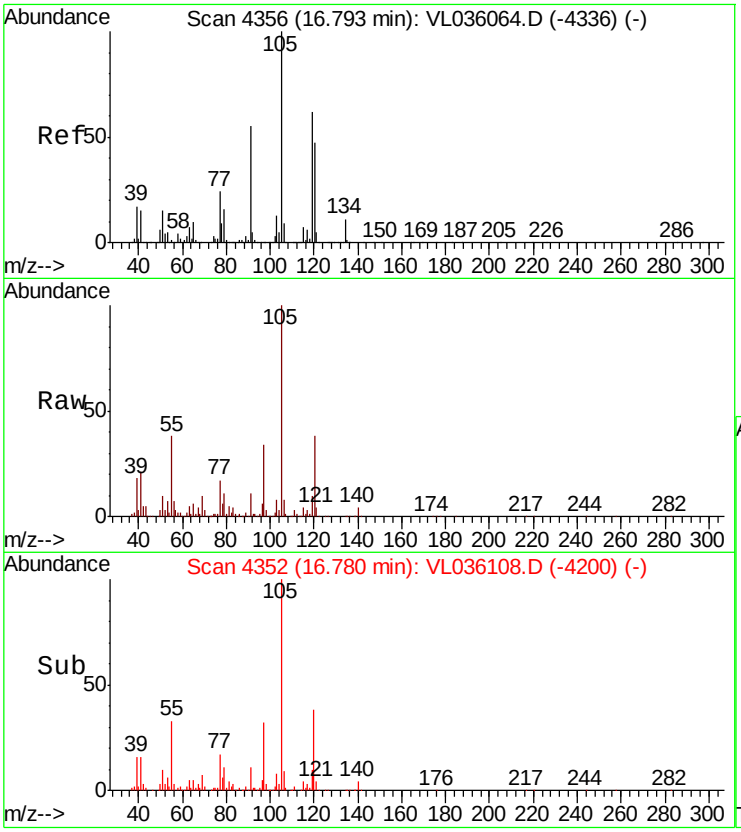


#73
1,3,5-Trimethylbenzene
Concen: 1.672 ppbv
RT: 16.01 min Scan# 4114
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:105 Resp: 437032

Ion	Ratio	Lower	Upper
105	100		
120	41.9	35.4	53.2



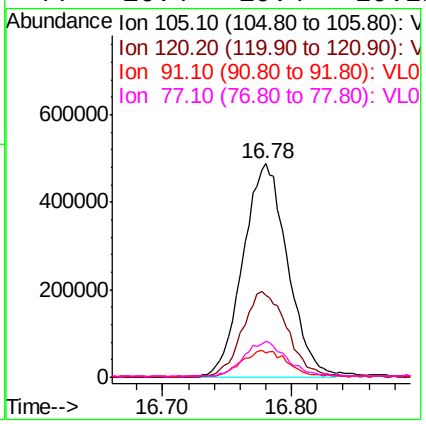


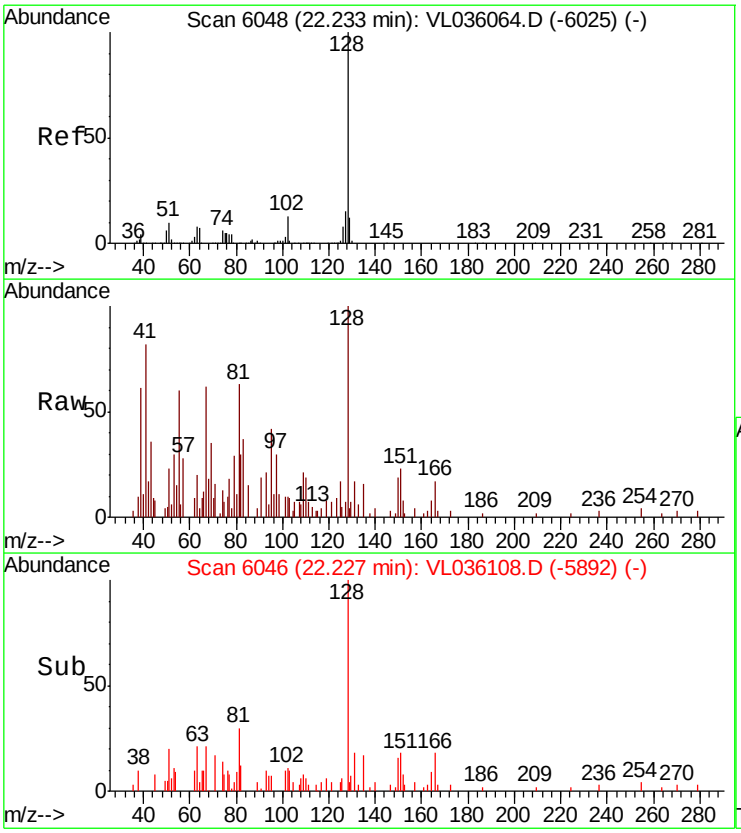
#74
1,2,4-Trimethylbenzene
Concen: 4.469 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Instrument : MSVOA_L
ClientSampleId : IA-5

Tgt Ion:105 Resp: 1172890

Ion	Ratio	Lower	Upper
105	100		
120	38.2	37.4	56.0
91	10.8	45.6	68.4#
77	16.4	19.4	29.2#





#79
Naphthalene
Concen: 0.077 ppbv
RT: 22.23 min Scan# 6046
Delta R.T. -0.01 min
Lab File: VL036108.D
Acq: 8 Dec 2020 23:46

Tgt Ion:128 Resp: 10288

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.7	17.5#
129	4.8	9.3	13.9#