Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034426.D
Acq On : 2 Dec 2019 15:00
Operator : SY/AP
Sample : K6068-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-2

Quant Time: Dec 03 02:49:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1034480	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.26	114	1222054	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.18	117	2106004	10.00	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1742665	9.84	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	6778019	36.218	ppbv #	52
3) Chlorodifluoromethane	3.03	51	36060	0.279	ppbv	100
4) Chloromethane	3.03	50	1639525	21.536	ppbv #	41
7) Chloroethane	3.55	64	2551	0.099	ppbv #	74
8) Dichlorotetrafluoroethane	3.03	85	6778019	40.330	ppbv #	18
9) Propene	2.99	41	502600	8.771	ppbv	95
11) Trichlorofluoromethane	3.95	101	47352	0.254	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.50	101	4136	0.033	ppbv #	14
13) Ethanol	3.62	45	622045	38.969	ppbv	98
15) Acetone	3.86	43	4783421	32.292	ppbv	95
16) 1,3-Butadiene	3.29	39	341325	5.290	ppbv #	32
17) tert-Butyl alcohol	4.33	59	549261	4.411	ppbv	99
18) 1,1-Dichloroethene	4.29	96	31396	0.580	ppbv	81
19) Isopropyl Alcohol	3.99	45	5739439	60.447	ppbv #	98
20) Methylene Chloride	4.35	84	151624	2.887	ppbv #	95
21) Allyl Chloride	4.37	41	63977	0.721	ppbv #	46
22) trans-1,2-Dichloroethene	4.90	96	371628	6.814	ppbv	95
23) Vinyl Acetate	5.07	43	80628	0.417	ppbv #	1
24) 1,1-Dichloroethane	5.03	63	838442	5.641	ppbv	98
25) Ethyl Acetate	5.71	43	170470	0.645	ppbv #	76
26) Hexane	5.71	57	239004	2.104	ppbv #	39
27) Carbon Disulfide	4.56	76	113817	0.920	ppbv	95
28) Methyl tert-Butyl Ether	5.01	73	79496	0.422	ppbv #	53
29) Chloroform	5.78	83	3112713	16.922	ppbv	92
30) Cyclohexane	7.17	84	41577	0.484	ppbv #	36
31) cis-1,2-Dichloroethene	5.57	61	9156941	78.013	ppbv #	55
32) 1,1,1-Trichloroethane	6.56	97	9810187	56.885	ppbv	91
34) 2-Butanone	5.33	43	55713	0.554	ppbv #	1
36) Benzene	6.96	78	257508	2.108	ppbv #	92
37) 1,2-Dichloroethane	6.56	62	944729	10.410	ppbv #	1
38) Trichloroethene	8.00	130	36348239	725.053	ppbv	86
39) 1,2-Dichloropropane	7.92	63	167353	3.556	ppbv #	1
41) Tetrahydrofuran	6.10	42	3733	0.066	ppbv #	38
42) Bromodichloromethane	7.98	83	2107744	18.570	ppbv #	92
50) 4-Methyl-2-Pentanone	8.83	43	112804	0.775	ppbv	99
51) 2-Hexanone	10.21	43	131127	1.076	ppbv #	91
52) Tetrachloroethene	11.34	164	11728804	221.900	ppbv	87
53) Toluene	9.90	91	1184458	8.536	ppbv	99
58) Ethyl Benzene	12.79	91	304185	0.931	ppbv	97
59) m/p-Xylene	13.05	91	875103	3.098	ppbv	99
60) o-Xylene	13.77	91	325241	1.164	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034426.D
Acq On : 2 Dec 2019 15:00
Operator : SY/AP
Sample : K6068-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-2

Quant Time: Dec 03 02:49:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) Styrene	13.62	104	12050	0.060	ppbv	#	24
64) n-propylbenzene	15.65	120	22600	0.236	ppbv		83
65) tert-Butylbenzene	16.85	119	18380	0.055	ppbv	#	1
69) p-Isopropyltoluene	17.74	119	218839	0.568	ppbv		98
72) 4-Ethyltoluene	15.92	105	81391	0.252	ppbv	#	73
73) 1,3,5-Trimethylbenzene	16.08	105	96129	0.304	ppbv	#	78
74) 1,2,4-Trimethylbenzene	16.85	105	405739	1.209	ppbv	#	65
80) Naphthalene,2-methyl-	25.06	142	5626	0.043	ppbv	#	67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034426.D
Acq On : 2 Dec 2019 15:00
Operator : SY/AP
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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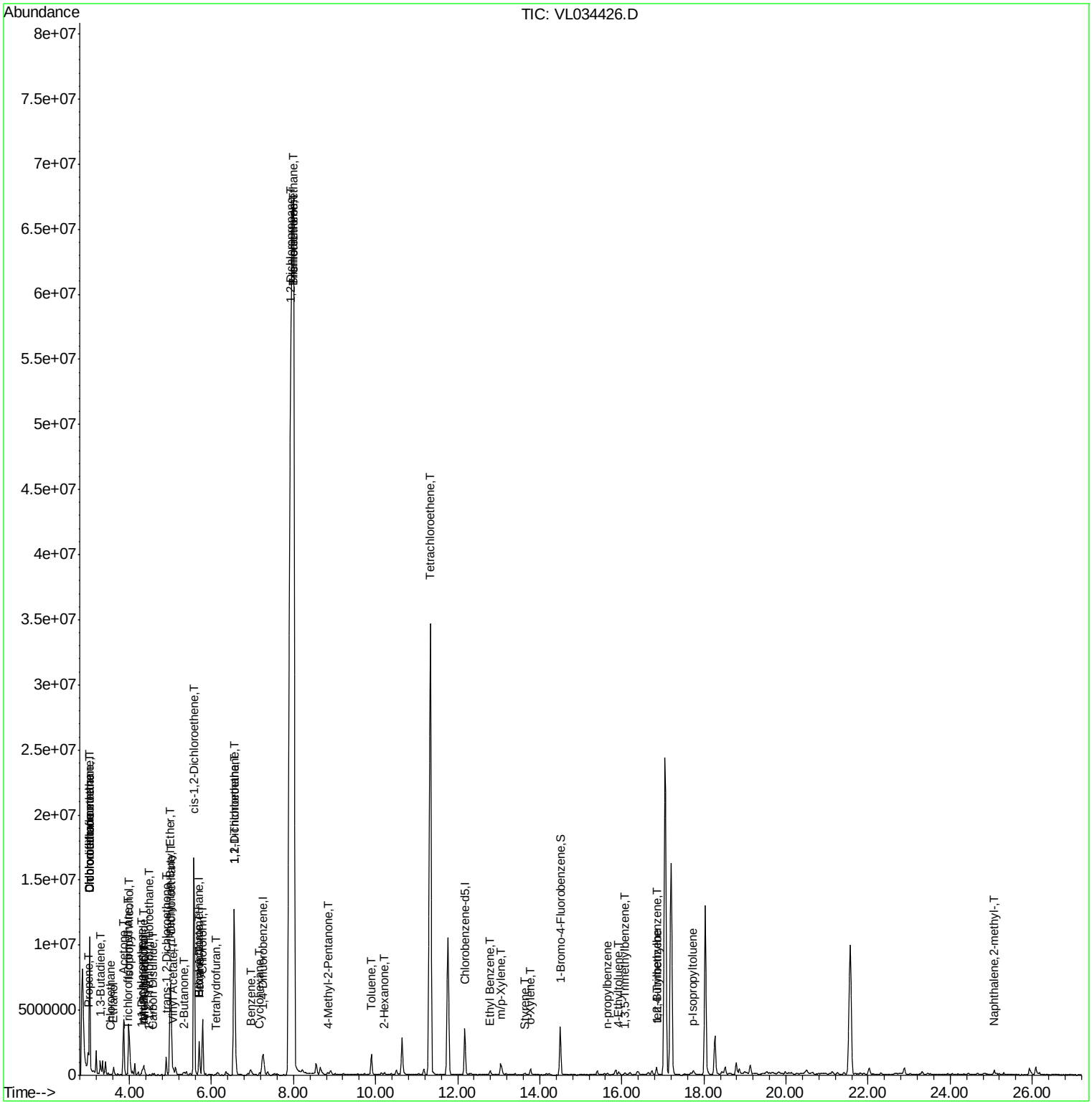
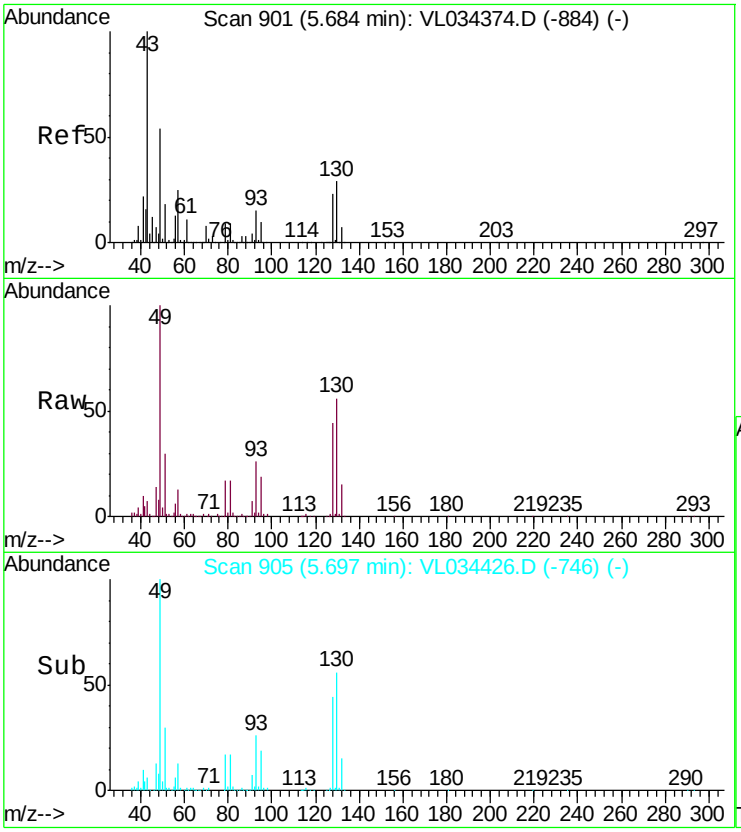
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration



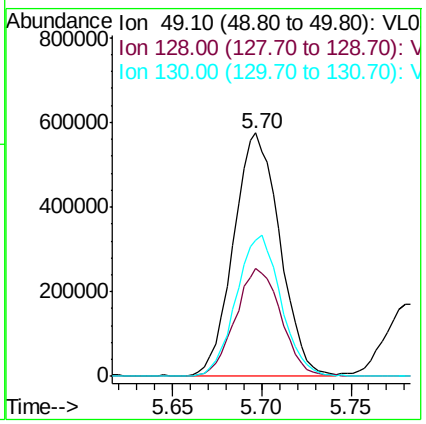


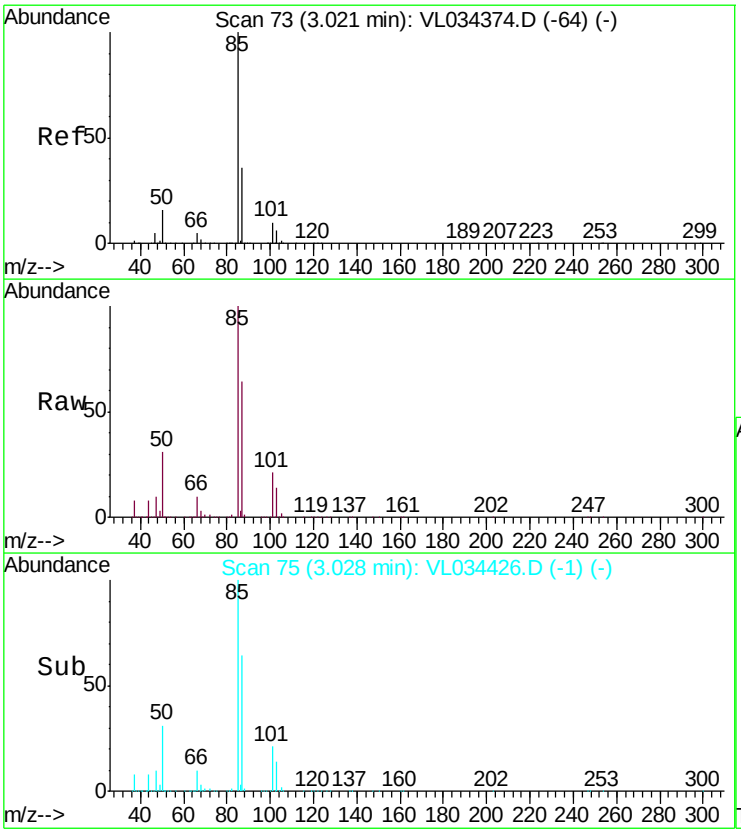
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 49 Resp: 1034480

Ion	Ratio	Lower	Upper
49	100		
128	44.0	21.8	65.3
130	56.6	28.0	84.0

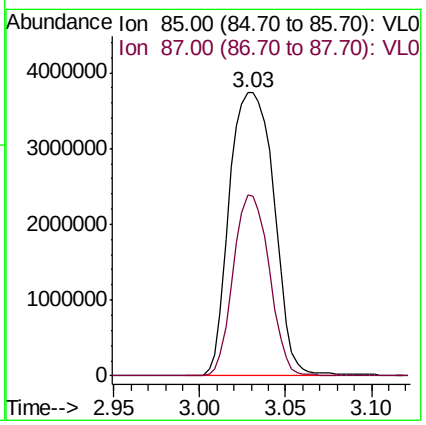


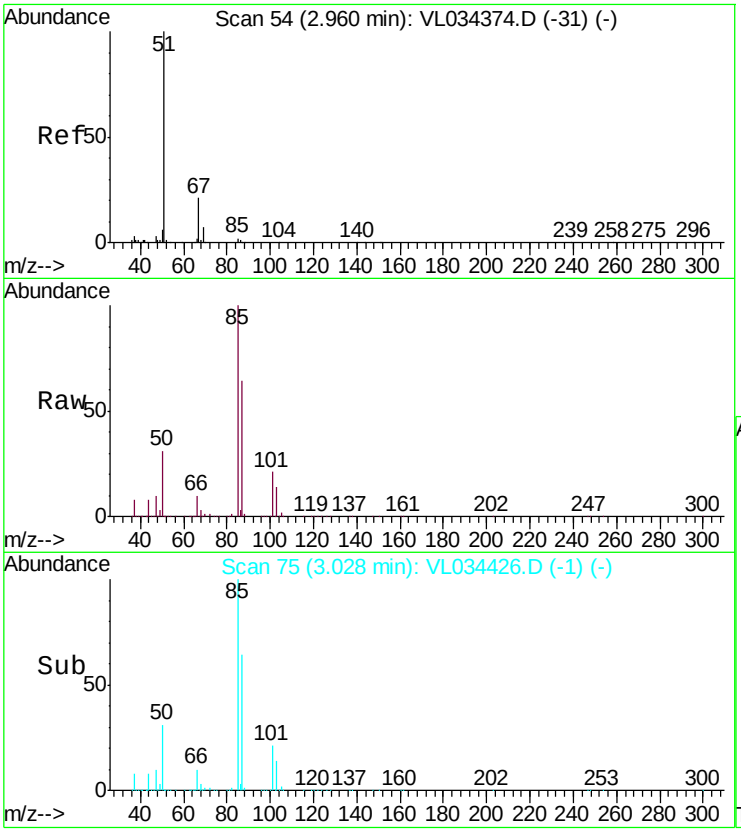


#2
Dichlorodifluoromethane
Concen: 36.218 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 85 Resp: 6778019

Ion	Ratio	Lower	Upper
85	100		
87	64.0	28.5	42.7#



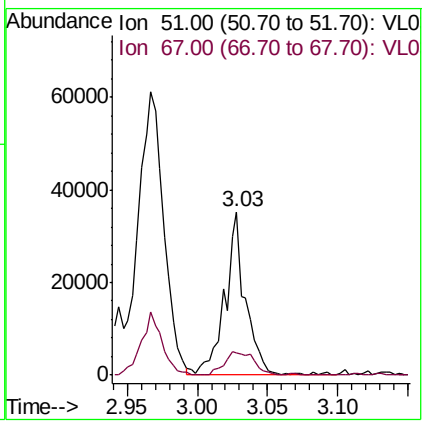


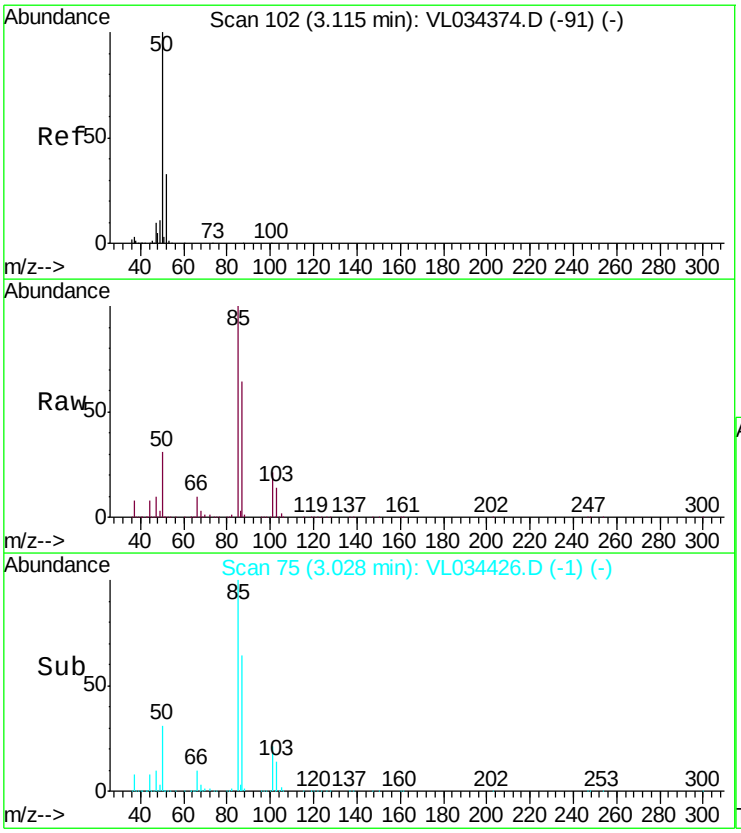
#3
Chlorodifluoromethane
Concen: 0.279 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.07 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 51 Resp: 36060

Ion	Ratio	Lower	Upper
51	100		
67	20.4	16.2	24.2

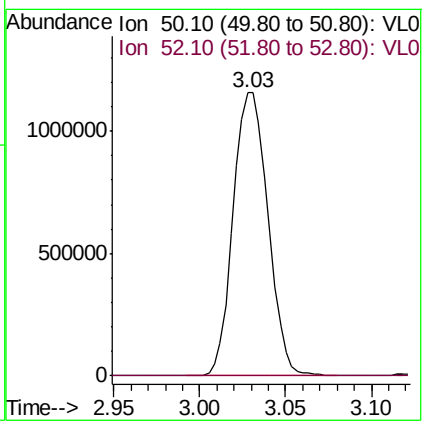


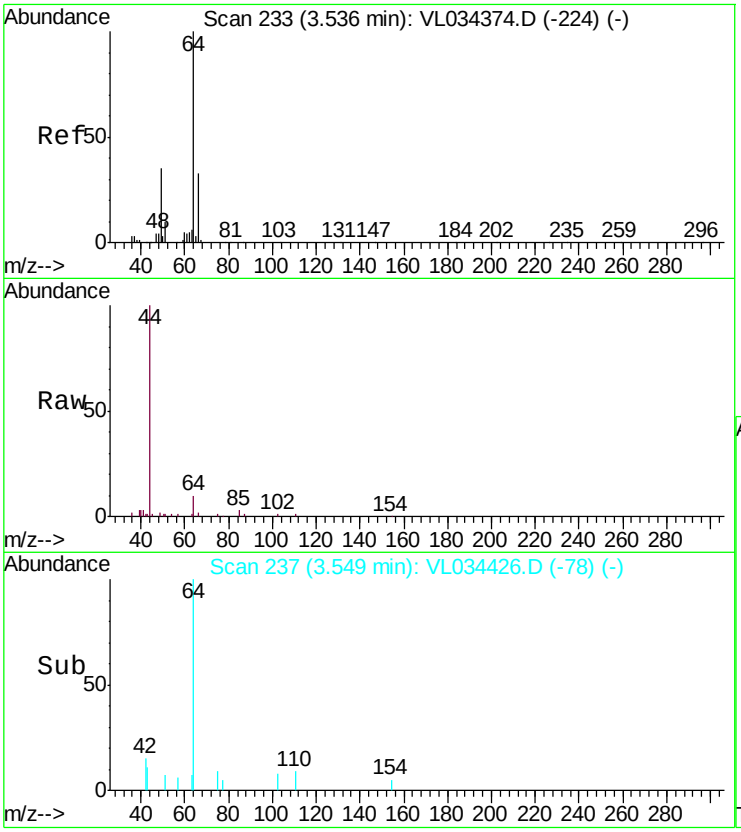


#4
Chloromethane
Concen: 21.536 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.09 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 50 Resp: 1639525

Ion	Ratio	Lower	Upper
50	100		
52	0.1	26.8	40.2#



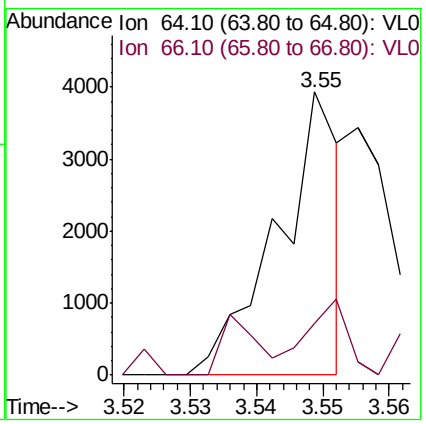


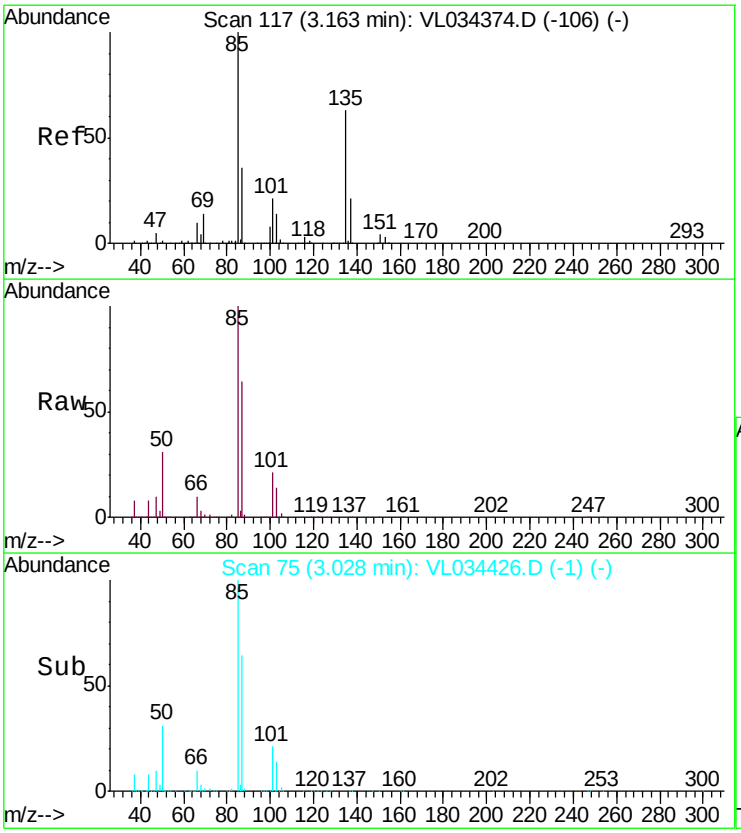
#7
Chloroethane
Concen: 0.099 ppbv
RT: 3.55 min Scan# 237
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 64 Resp: 2551

Ion	Ratio	Lower	Upper
64	100		
66	18.1	26.0	39.0#

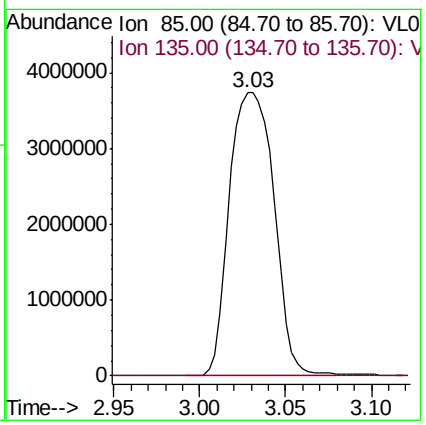


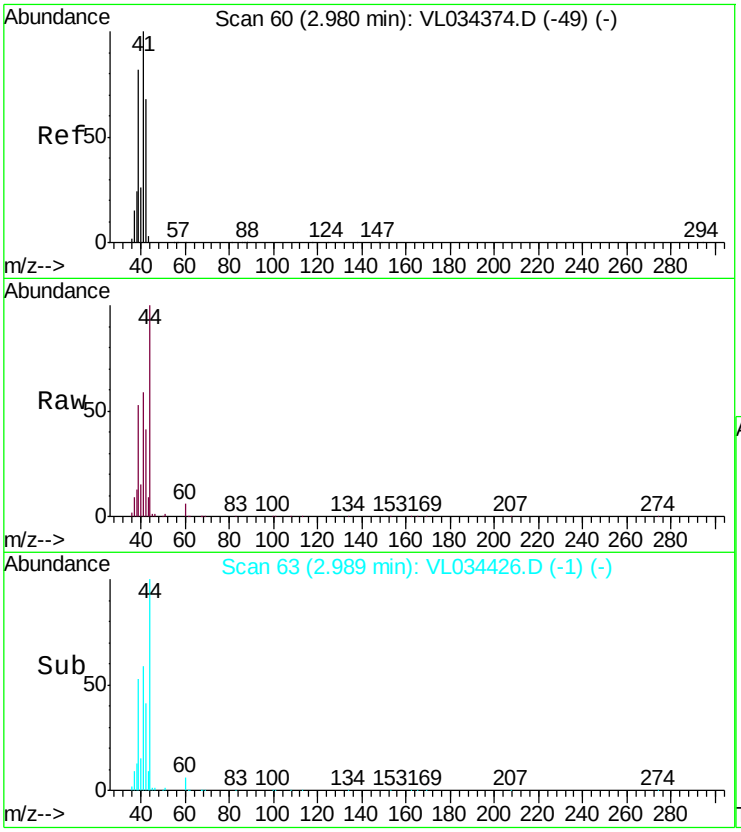


#8
Dichlorotetrafluoroethane
Concen: 40.330 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.14 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 85 Resp: 6778019

Ion	Ratio	Lower	Upper
85	100		
135	0.0	51.1	76.7#



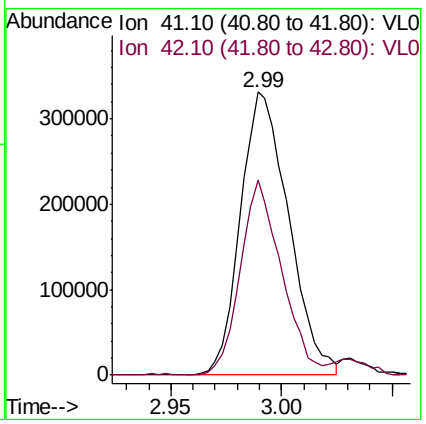


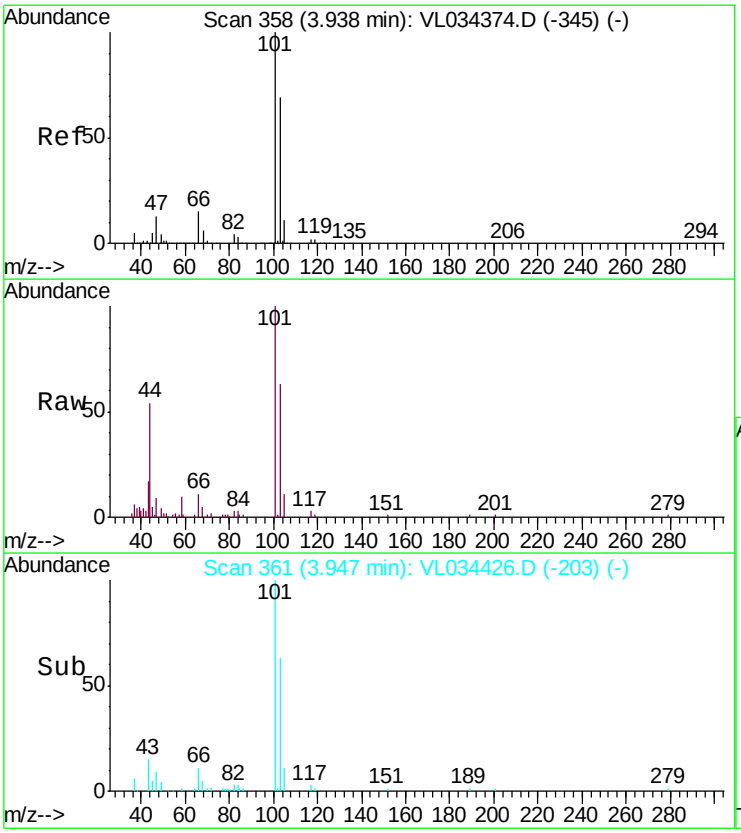
#9
Propene
Concen: 8.771 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 41 Resp: 502600

Ion	Ratio	Lower	Upper
41	100		
42	64.2	54.6	82.0

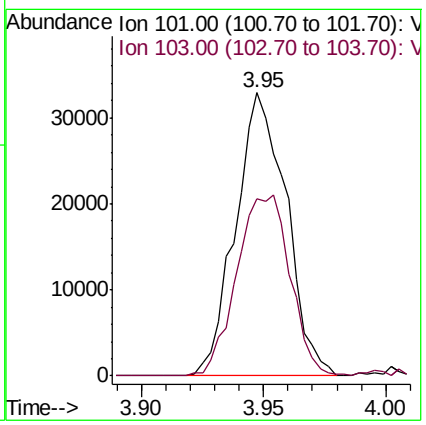


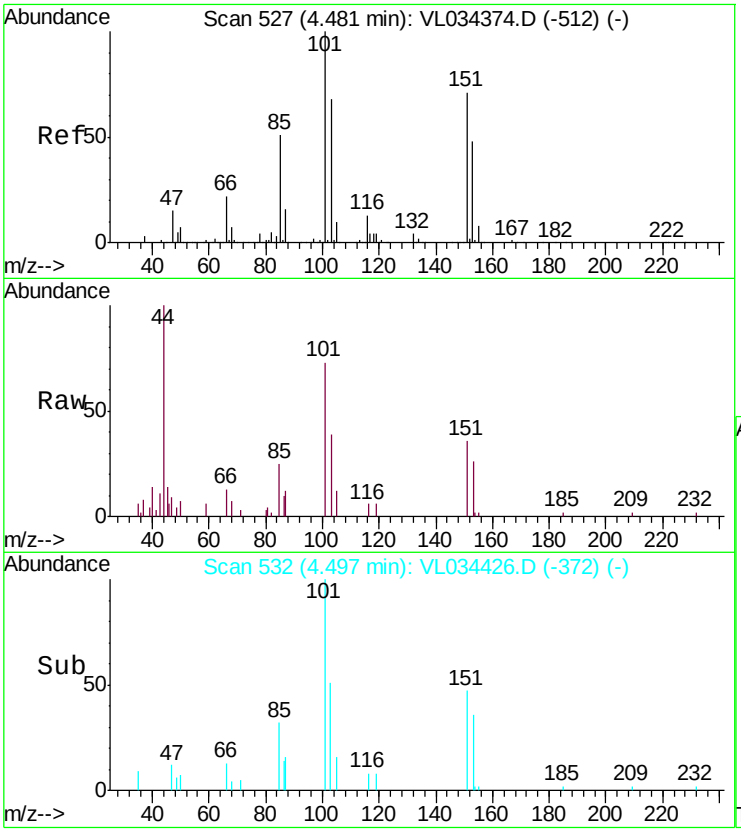


#11
Trichlorofluoromethane
Concen: 0.254 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion:101 Resp: 47352

Ion	Ratio	Lower	Upper
101	100		
103	62.6	55.4	83.0



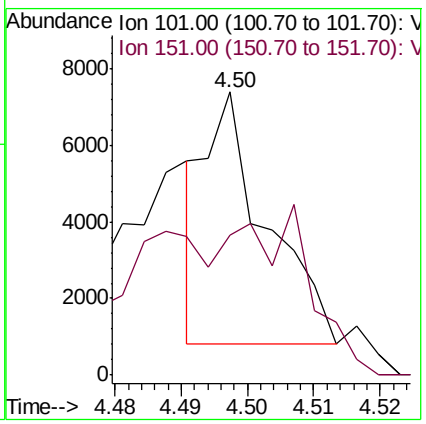


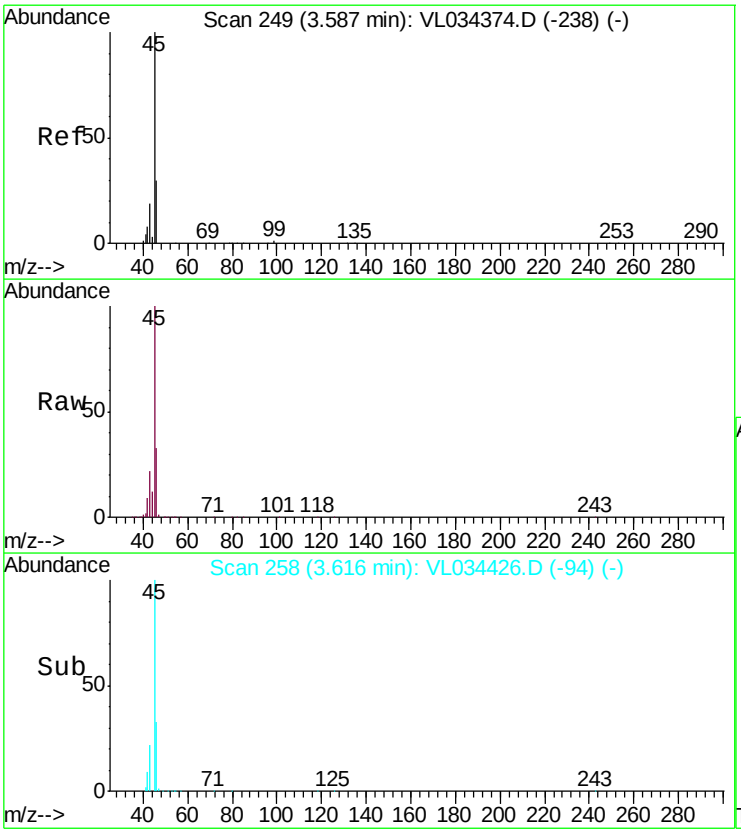
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.033 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:101 Resp: 4136

Ion	Ratio	Lower	Upper
101	100		
151	0.0	57.4	86.2#

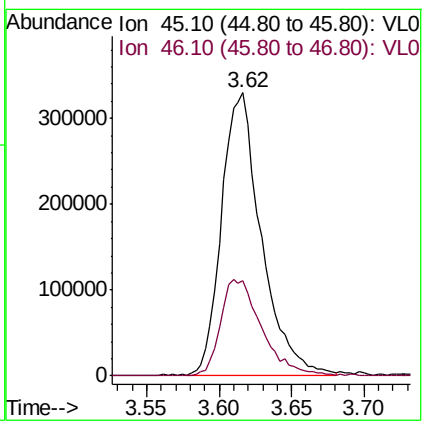


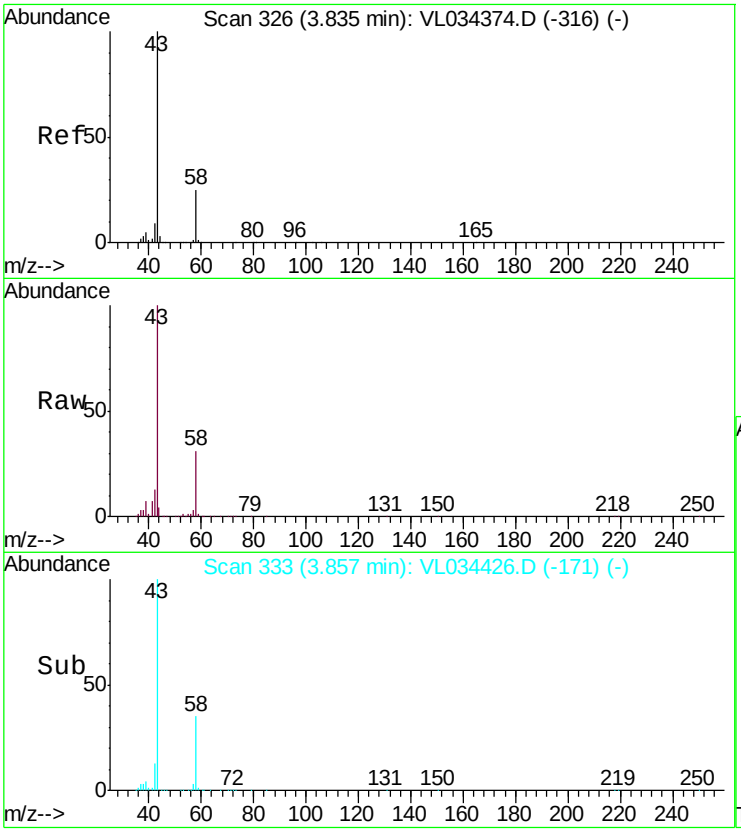


#13
Ethanol
Concen: 38.969 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 45 Resp: 622045

Ion	Ratio	Lower	Upper
45	100		
46	36.0	13.8	55.4



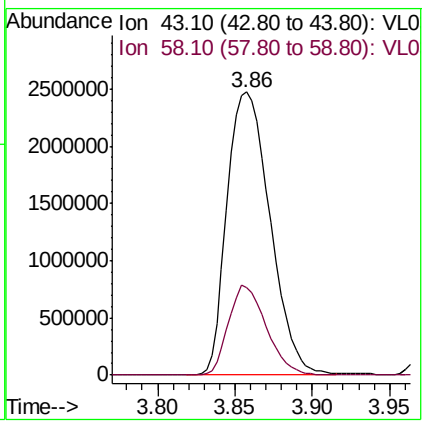


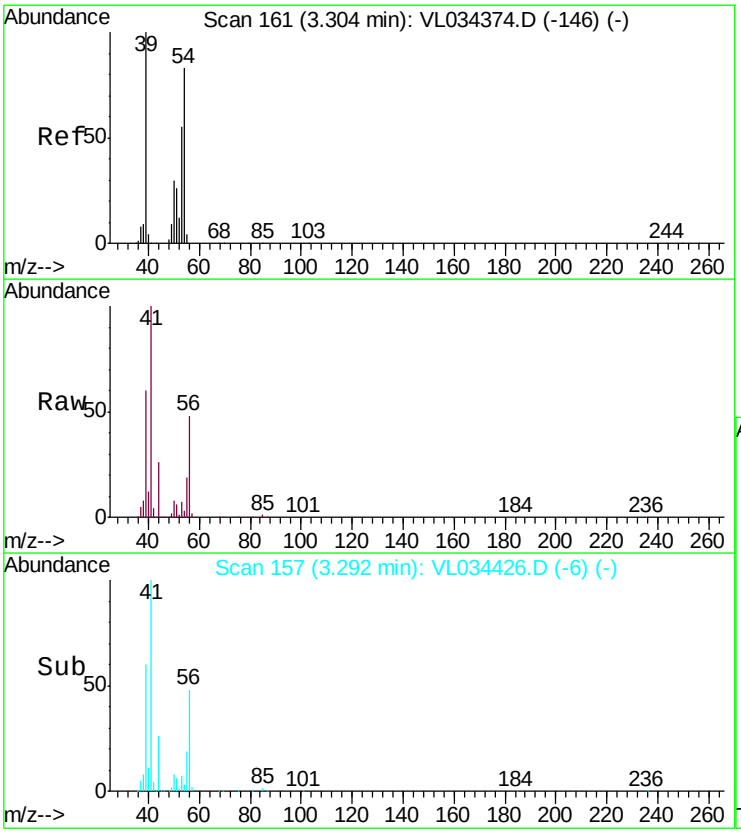
#15
Acetone
Concen: 32.292 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 43 Resp: 4783421

Ion	Ratio	Lower	Upper
43	100		
58	28.0	20.2	30.4

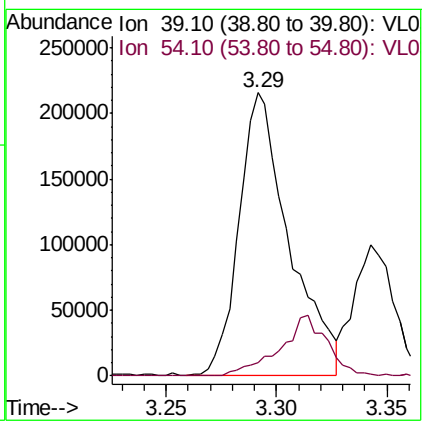


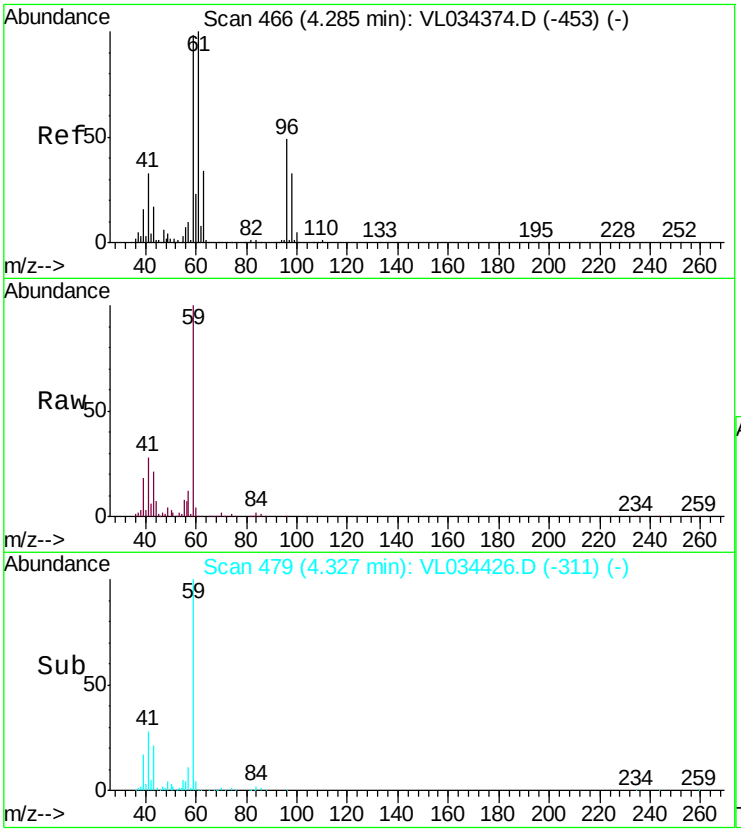


#16
1,3-Butadiene
Concen: 5.290 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 39 Resp: 341325

Ion	Ratio	Lower	Upper
39	100		
54	20.2	64.7	97.1#



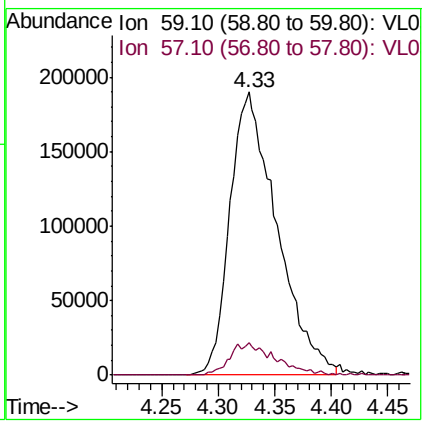


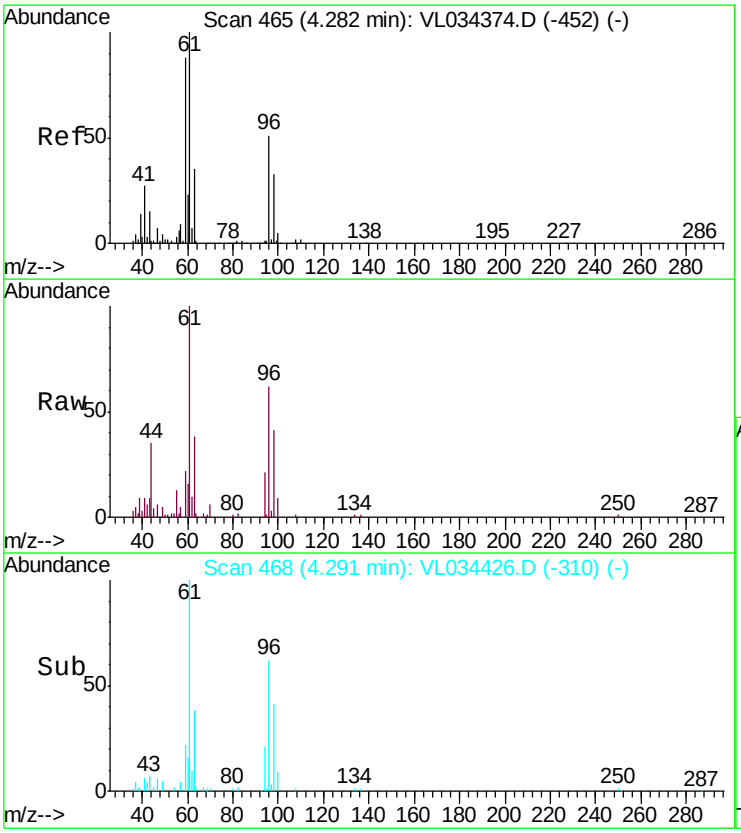
#17
tert-Butyl alcohol
Concen: 4.411 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 59 Resp: 549261

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.8	13.2

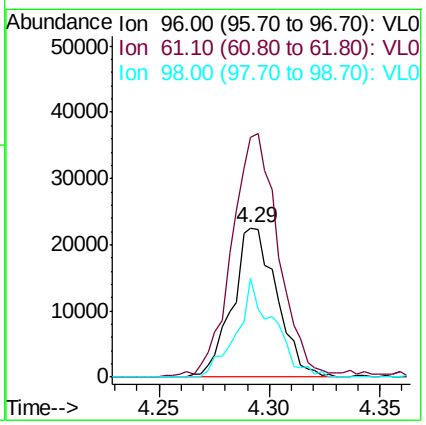


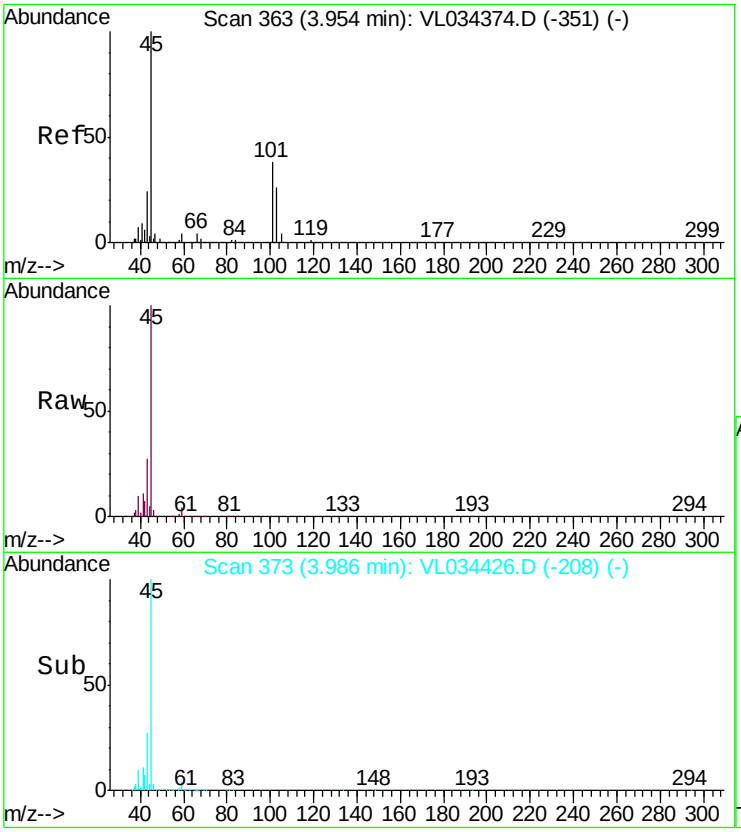


#18
1,1-Dichloroethene
Concen: 0.580 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 96 Resp: 31396

Ion	Ratio	Lower	Upper
96	100		
61	157.9	155.6	233.4
98	66.5	51.6	77.4



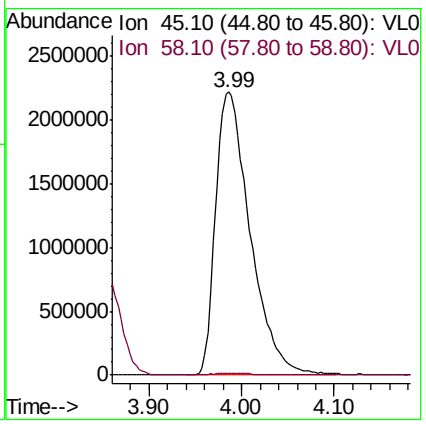


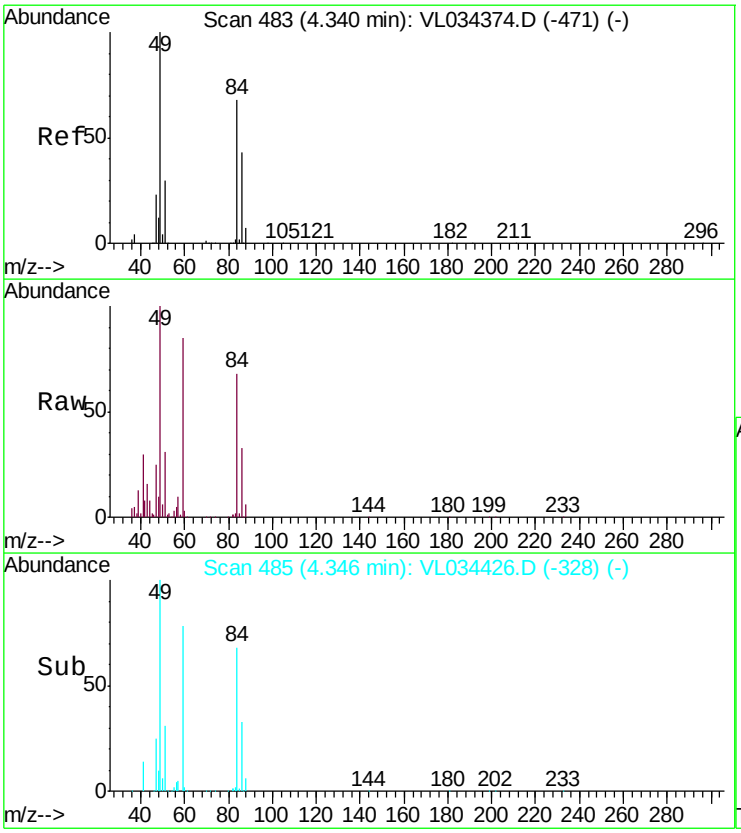
#19
Isopropyl Alcohol
Concen: 60.447 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 45 Resp: 5739439

Ion	Ratio	Lower	Upper
45	100		
58	1.0	1.3	1.9#

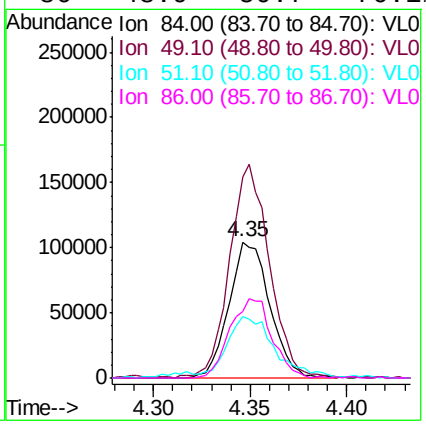


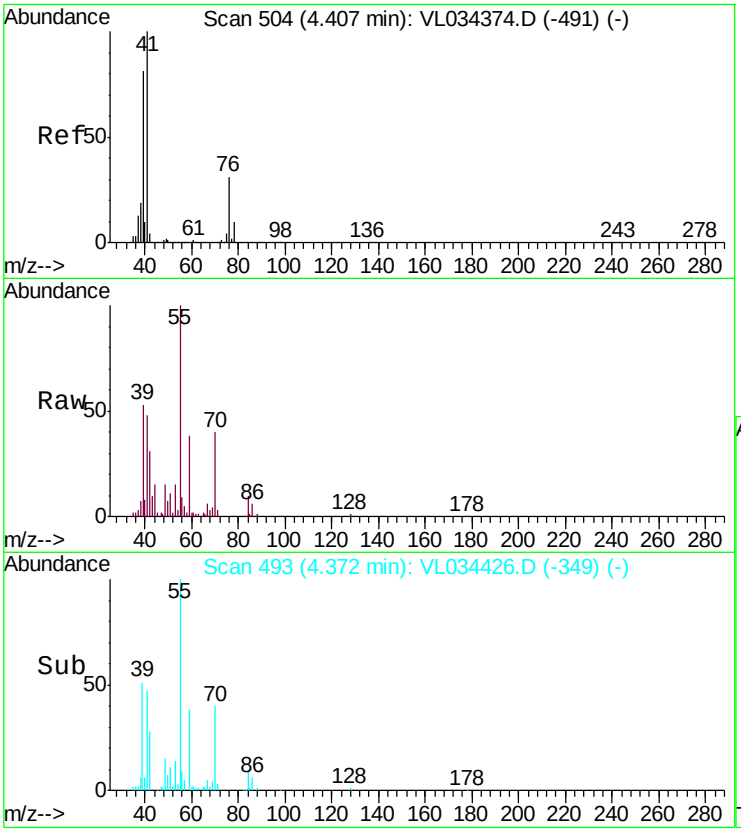


#20
Methylene Chloride
Concen: 2.887 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 84 Resp: 151624

Ion	Ratio	Lower	Upper
84	100		
49	147.5	116.8	175.2
51	44.2	35.6	53.4
86	48.9	50.7	76.1#



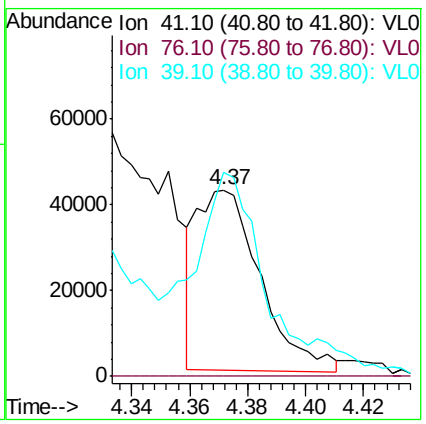


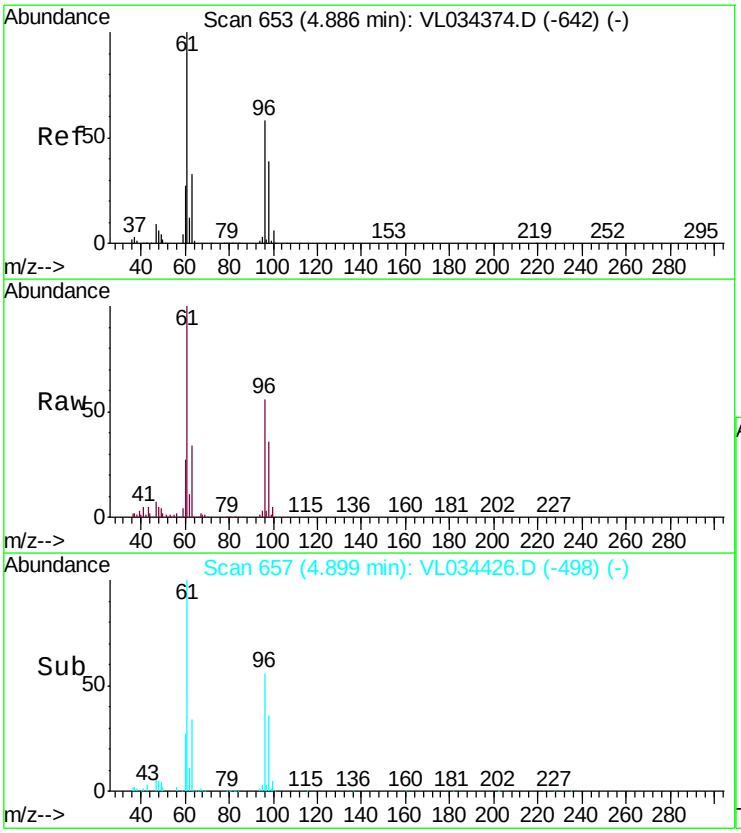
#21
Allyl Chloride
Concen: 0.721 ppbv
RT: 4.37 min Scan# 493
Delta R.T. -0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 41 Resp: 63977

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	131.8	66.9	100.3#

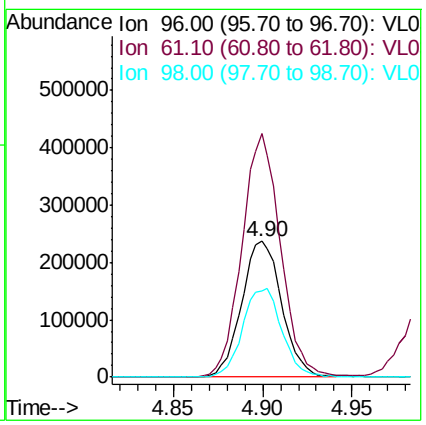


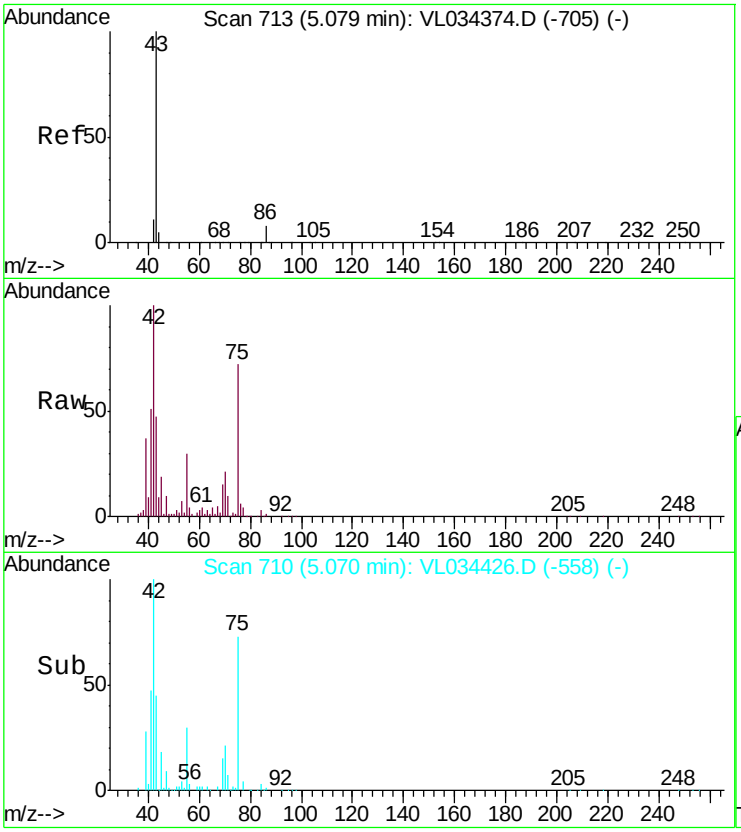


#22
trans-1,2-Dichloroethene
Concen: 6.814 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 96 Resp: 371628

Ion	Ratio	Lower	Upper
96	100		
61	179.2	137.9	206.9
98	63.9	53.5	80.3



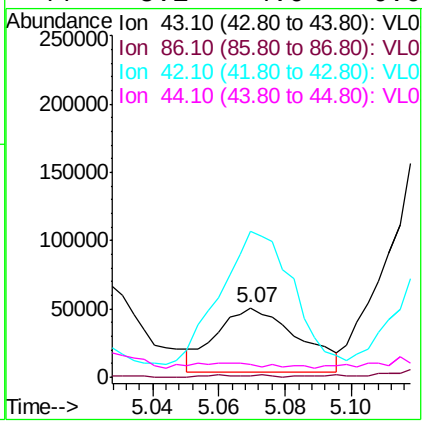


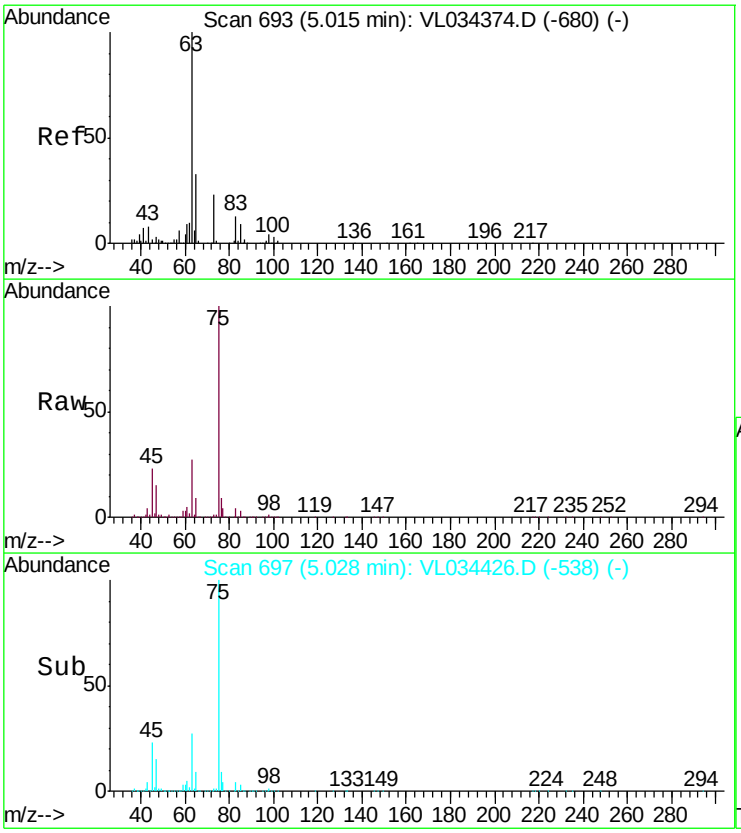
#23
Vinyl Acetate
Concen: 0.417 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 43 Resp: 80628

Ion	Ratio	Lower	Upper
43	100		
86	4.1	5.8	8.6#
42	279.1	8.9	13.3#
44	5.1	4.0	6.0

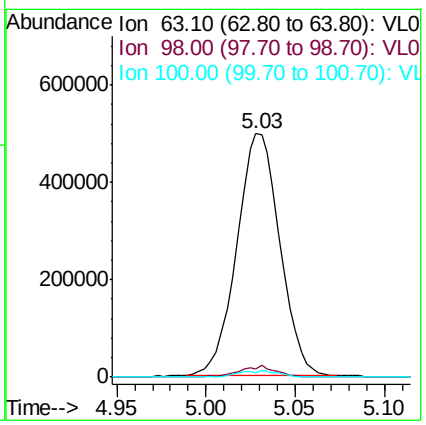


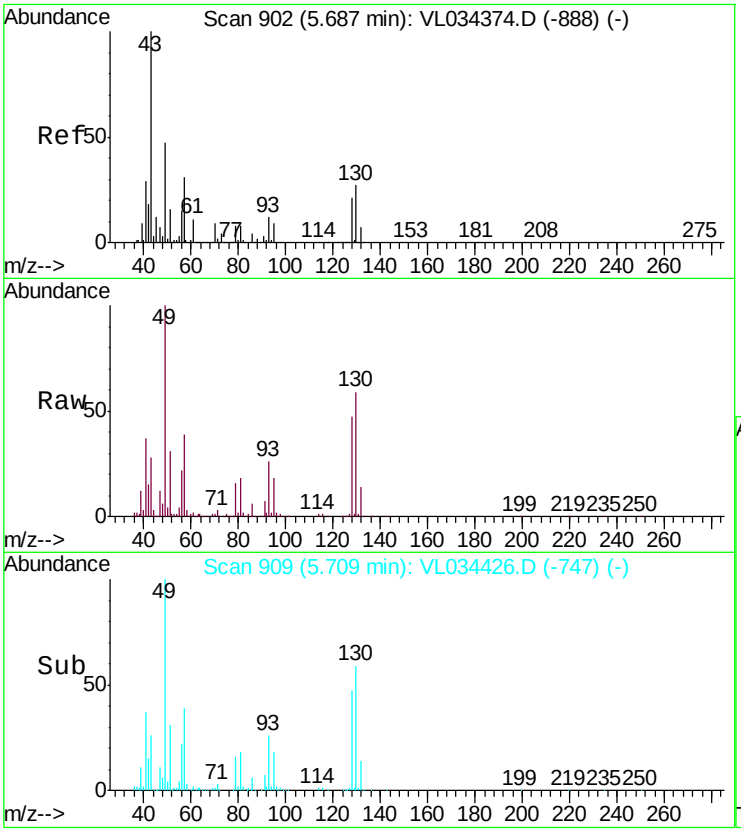


#24
1,1-Dichloroethane
Concen: 5.641 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 63 Resp: 838442

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.9	5.7
100	1.6	1.4	4.0



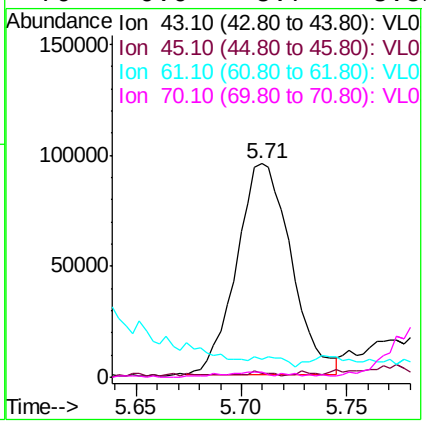


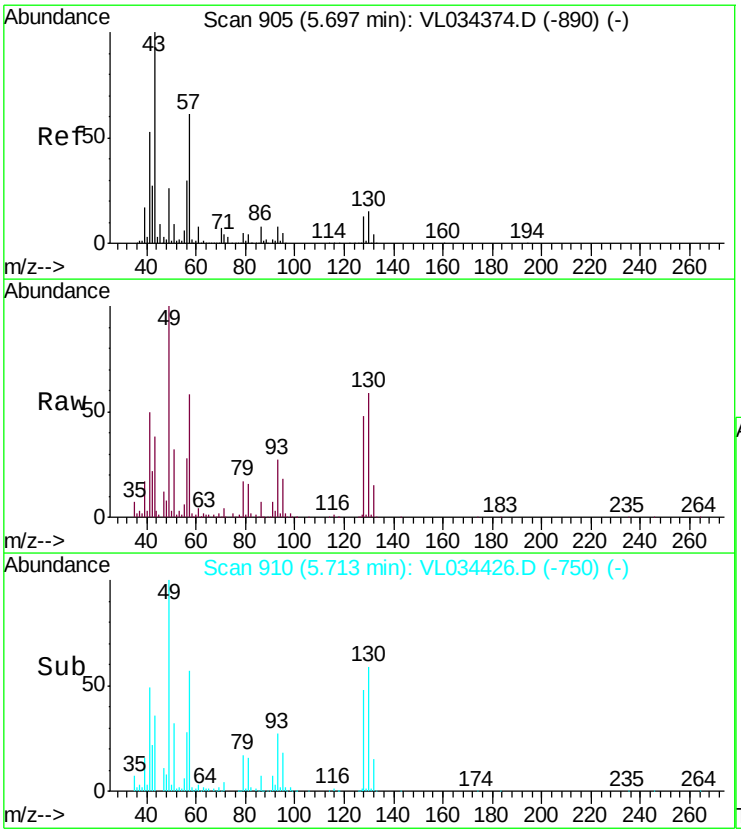
#25
Ethyl Acetate
Concen: 0.645 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 43 Resp: 170470

Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.2	12.4#
61	0.0	7.5	11.3#
70	0.0	5.7	8.5#

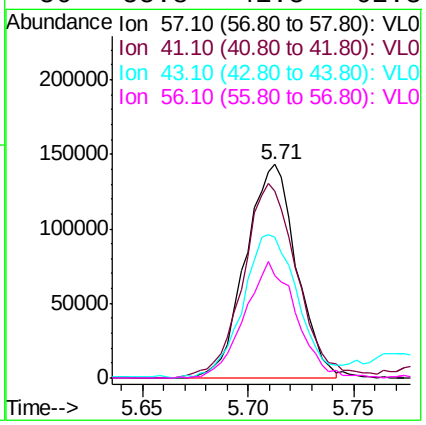


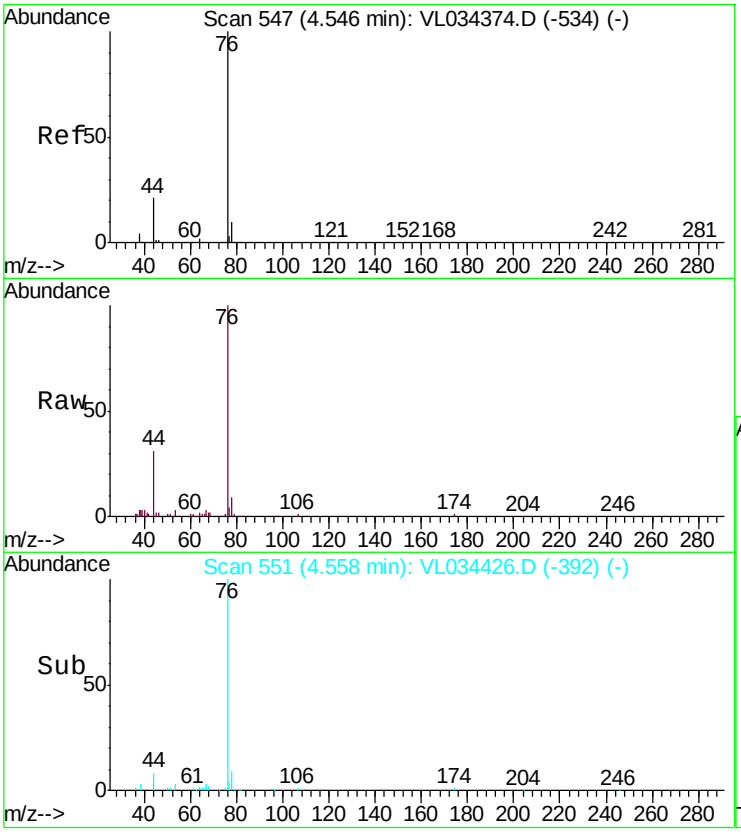


#26
Hexane
Concen: 2.104 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 57 Resp: 239004

Ion	Ratio	Lower	Upper
57	100		
41	97.5	75.0	112.4
43	73.6	186.6	279.8#
56	55.8	41.5	62.3



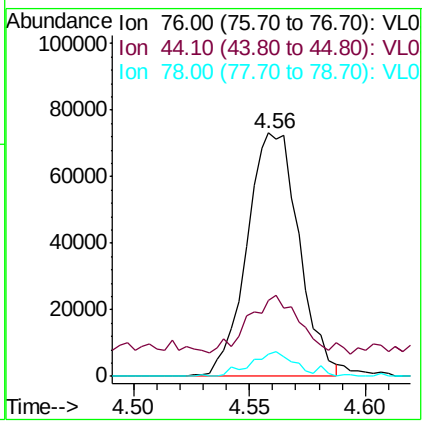


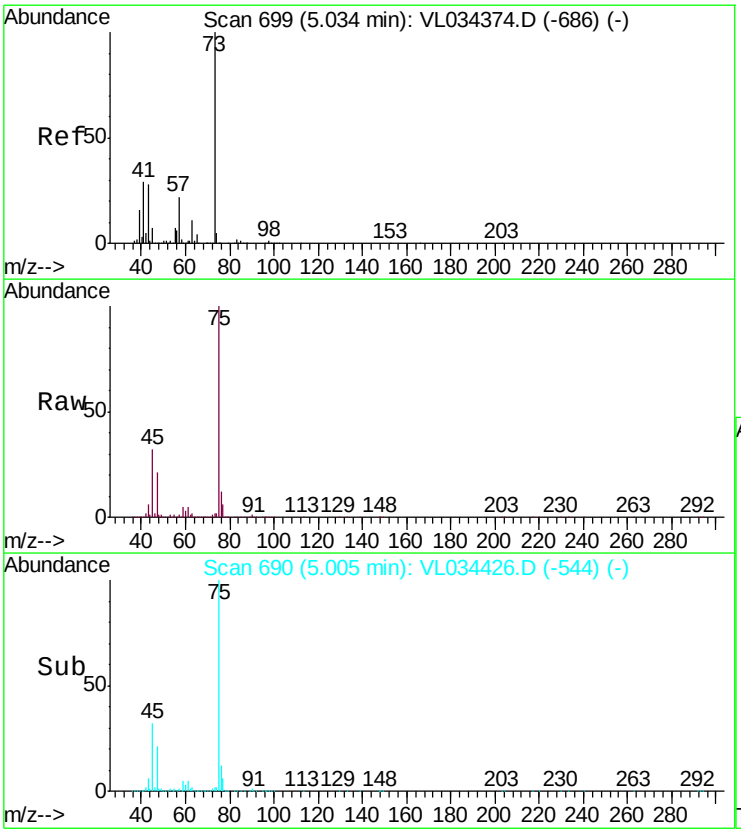
#27
Carbon Disulfide
Concen: 0.920 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 76 Resp: 113817

Ion	Ratio	Lower	Upper
76	100		
44	24.8	17.0	25.4
78	9.6	7.6	11.4

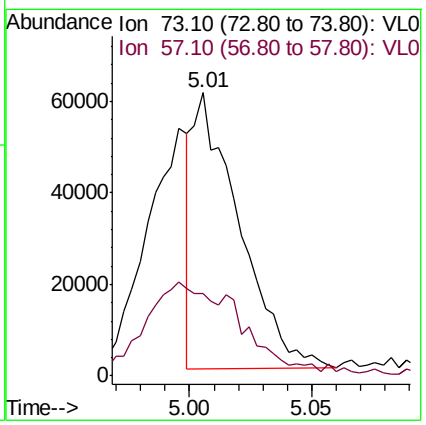


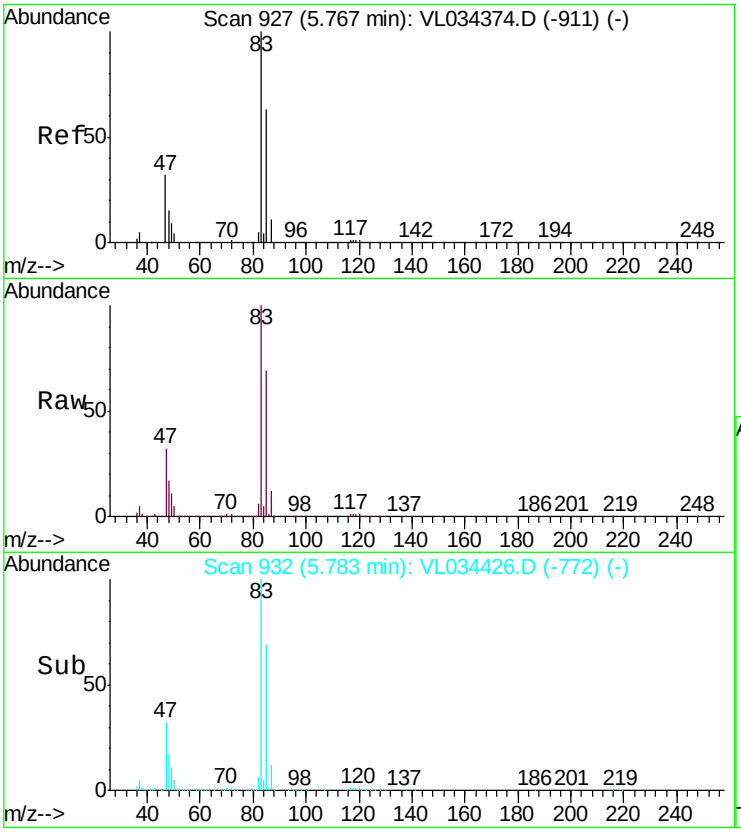


#28
Methyl tert-Butyl Ether
Concen: 0.422 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 73 Resp: 79496

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.4	27.6#



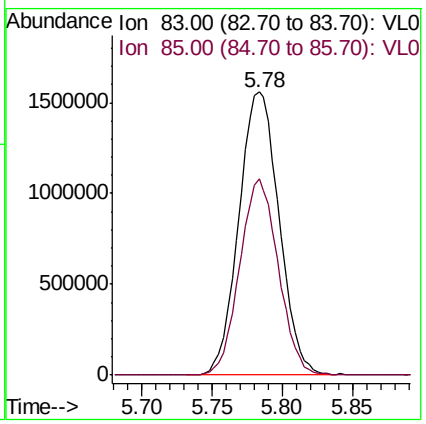


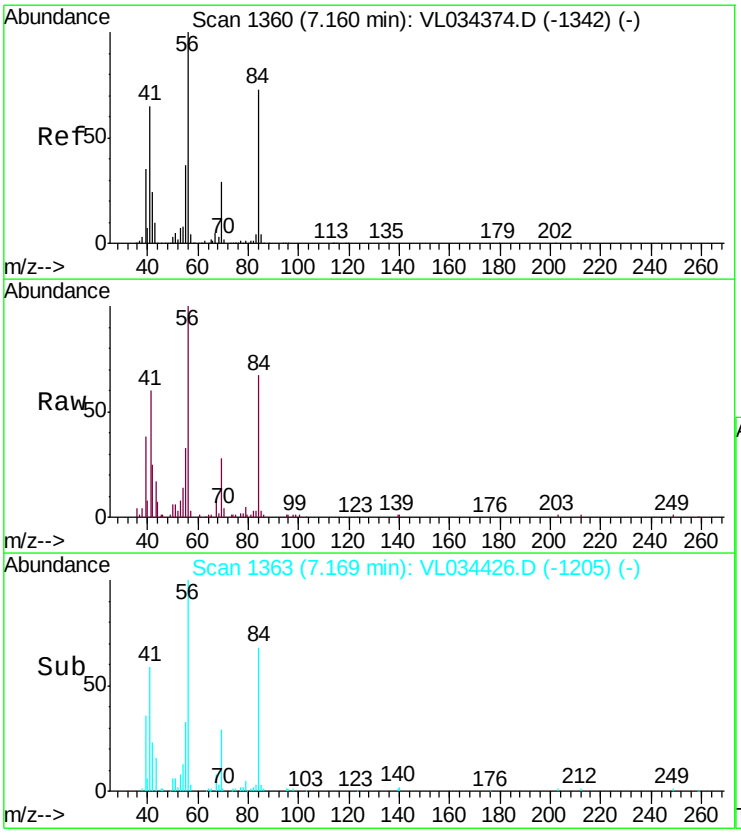
#29
Chloroform
Concen: 16.922 ppbv
RT: 5.78 min Scan# 932
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 83 Resp: 3112713

Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.4	75.6

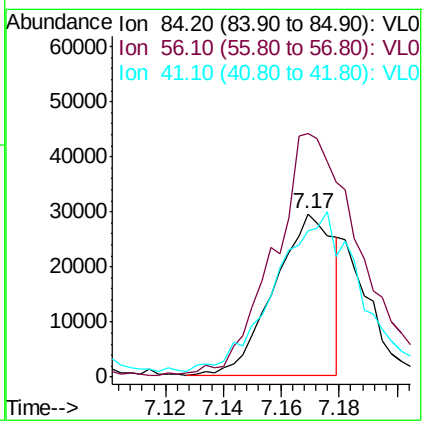


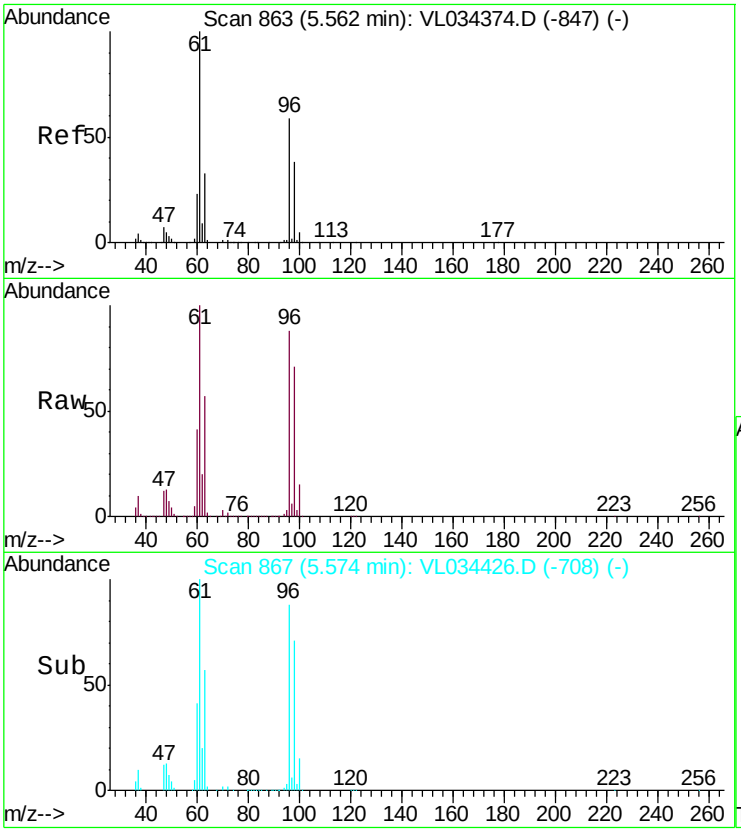


#30
Cyclohexane
Concen: 0.484 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 84 Resp: 41577

Ion	Ratio	Lower	Upper
84	100		
56	223.1	112.6	169.0#
41	148.8	73.4	110.2#



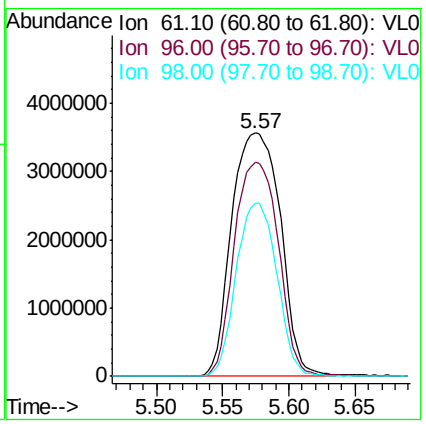


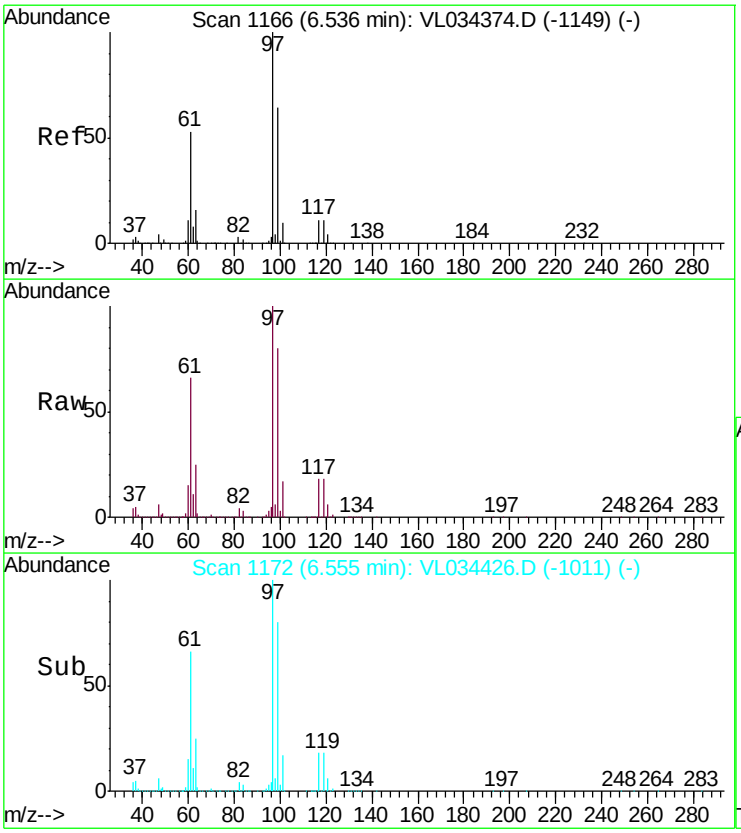
#31
cis-1,2-Dichloroethene
Concen: 78.013 ppbv
RT: 5.57 min Scan# 867
Delta R.T. 0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 61 Resp: 9156941

Ion	Ratio	Lower	Upper
61	100		
96	88.1	47.4	71.2#
98	71.2	30.6	45.8#

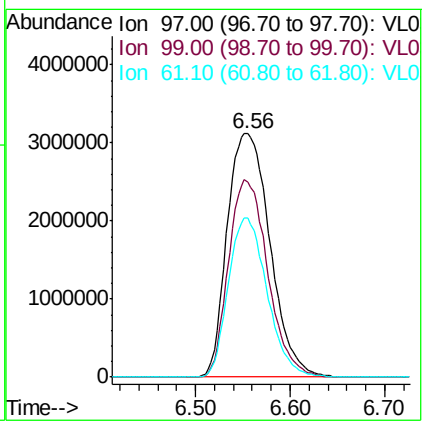


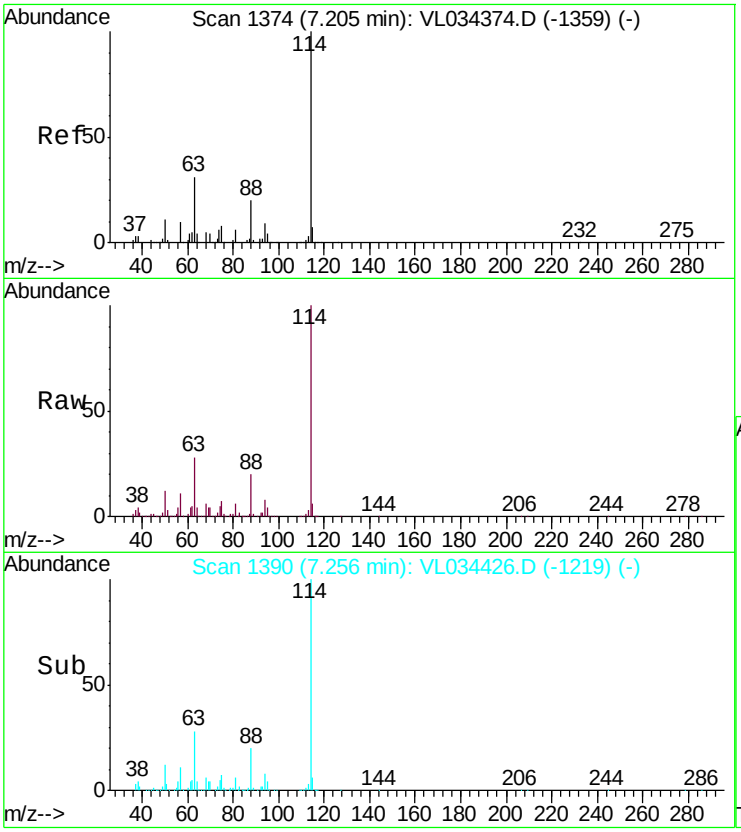


#32
1,1,1-Trichloroethane
Concen: 56.885 ppbv
RT: 6.56 min Scan# 1172
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 97 Resp: 9810187

Ion	Ratio	Lower	Upper
97	100		
99	74.3	52.3	78.5
61	59.3	43.7	65.5



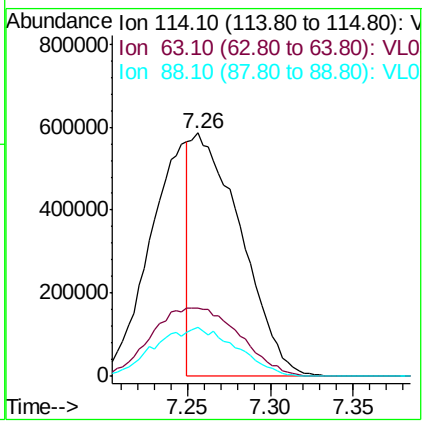


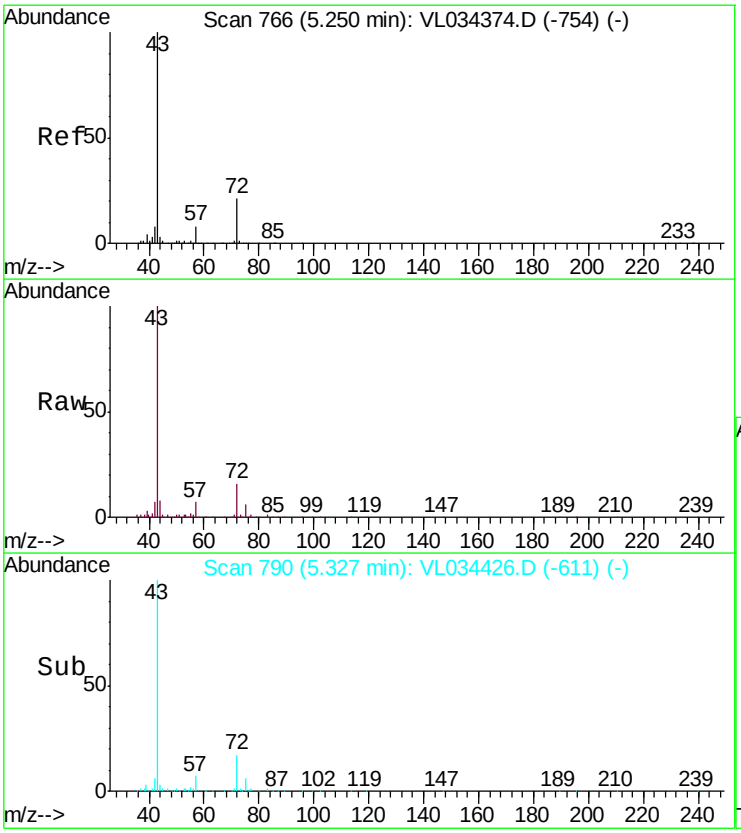
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1390
Delta R.T. 0.05 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:114 Resp: 1222054

Ion	Ratio	Lower	Upper
114	100		
63	50.5	24.2	36.4#
88	33.4	15.9	23.9#

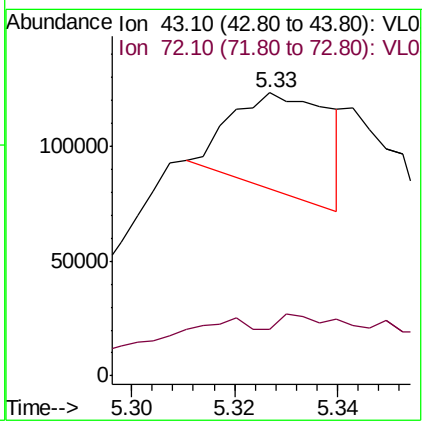


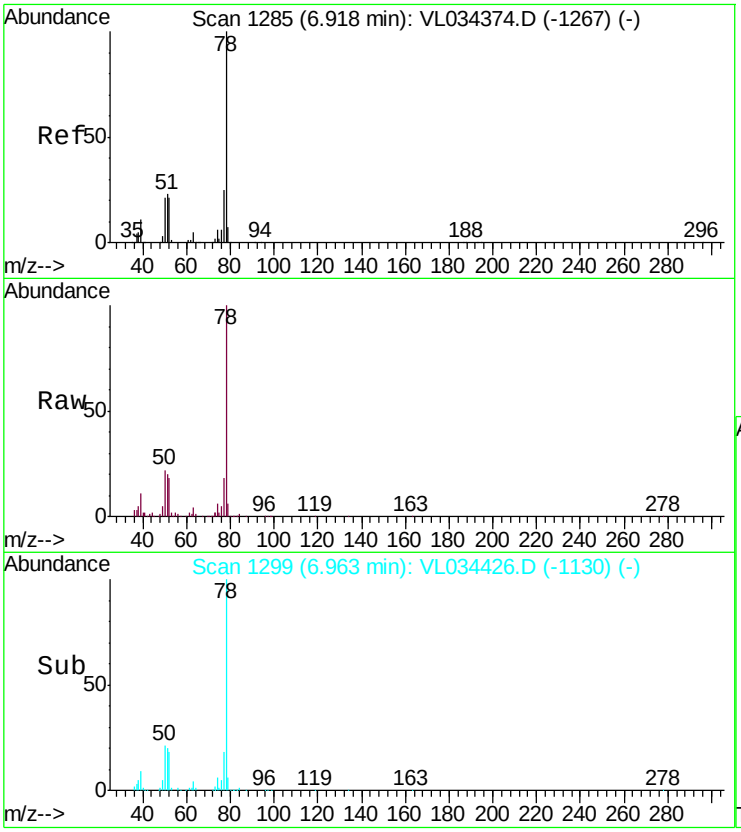


#34
2-Butanone
Concen: 0.554 ppbv
RT: 5.33 min Scan# 790
Delta R.T. 0.08 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 43 Resp: 55713

Ion	Ratio	Lower	Upper
43	100		
72	173.8	17.0	25.6#



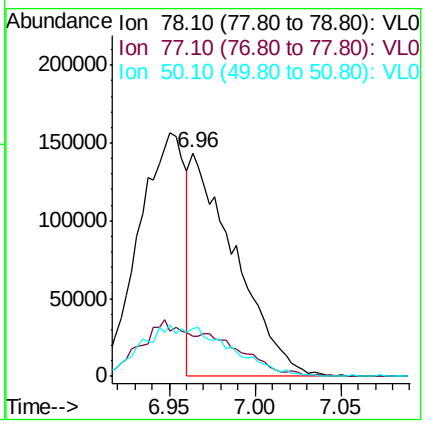


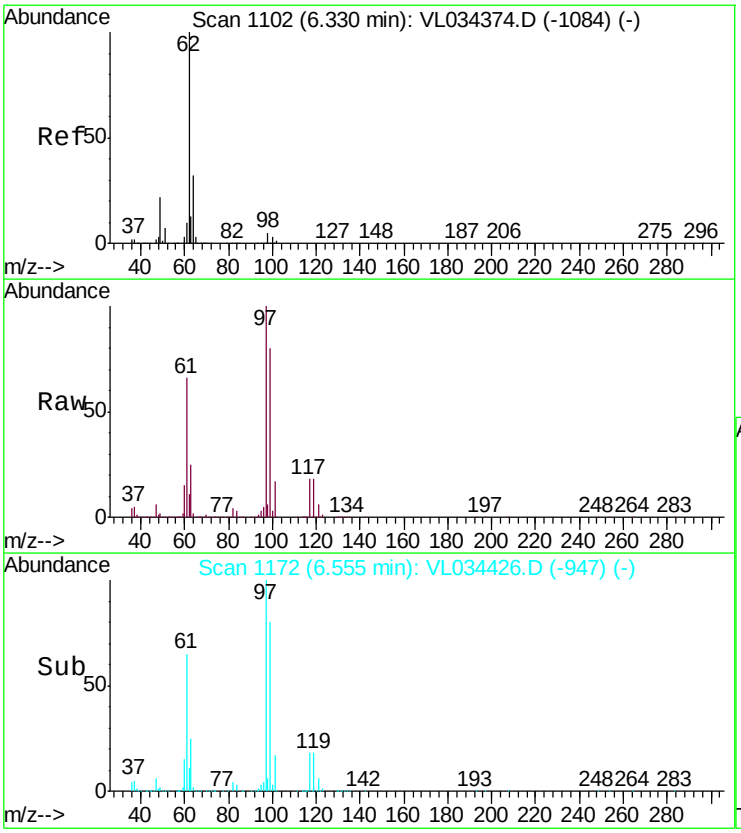
#36
Benzene
Concen: 2.108 ppbv
RT: 6.96 min Scan# 1299
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 78 Resp: 257508

Ion	Ratio	Lower	Upper
78	100		
77	17.6	20.2	30.4#
50	21.4	17.1	25.7

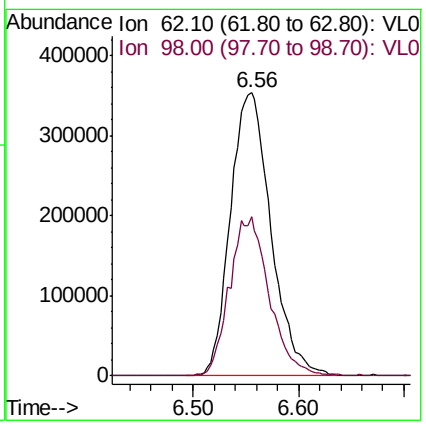


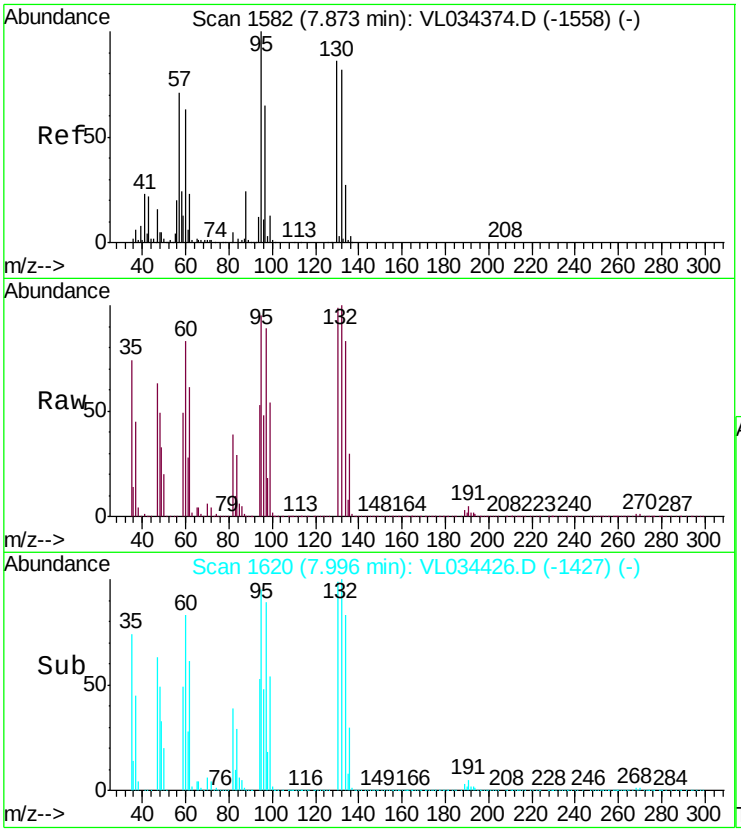


#37
1,2-Dichloroethane
Concen: 10.410 ppbv
RT: 6.56 min Scan# 1172
Delta R.T. 0.23 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 62 Resp: 944729

Ion	Ratio	Lower	Upper
62	100		
98	54.7	3.8	5.8#



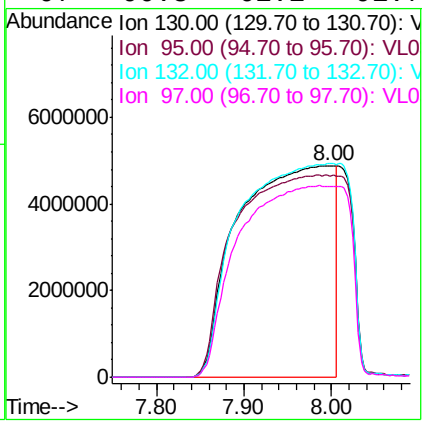


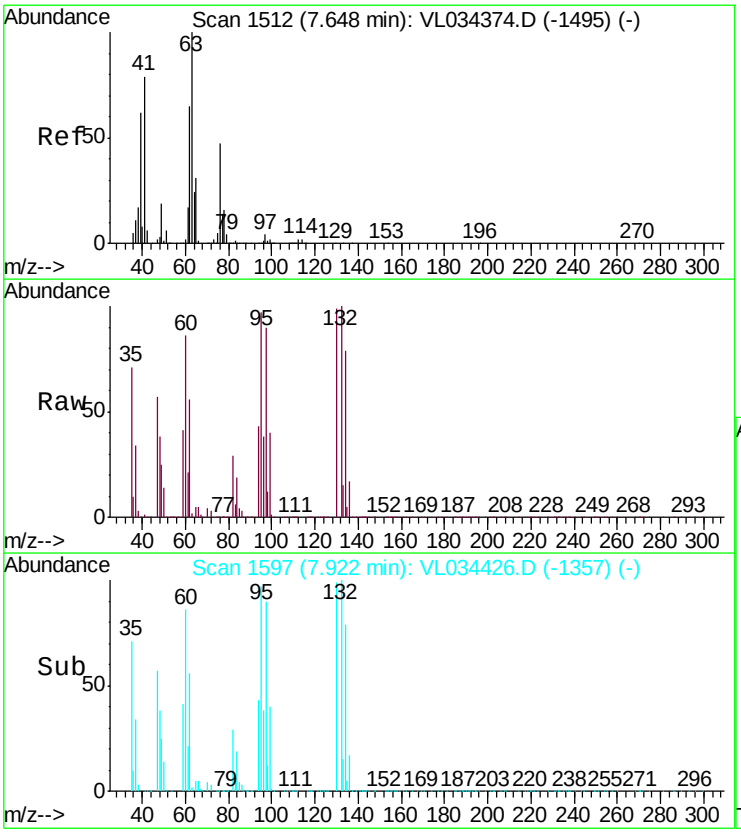
#38
Trichloroethene
Concen: 725.053 ppbv
RT: 8.00 min Scan# 1620
Delta R.T. 0.12 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:130 Resp:36348239

Ion	Ratio	Lower	Upper
130	100		
95	95.5	93.4	140.0
132	101.0	76.4	114.6
97	90.3	61.1	91.7

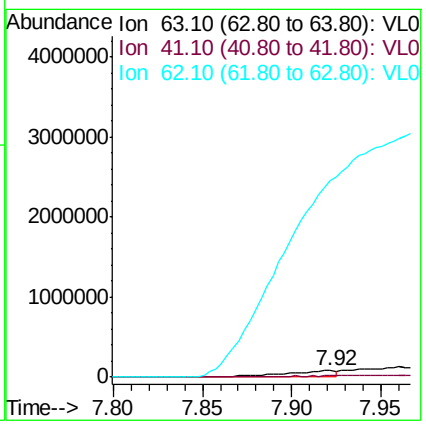


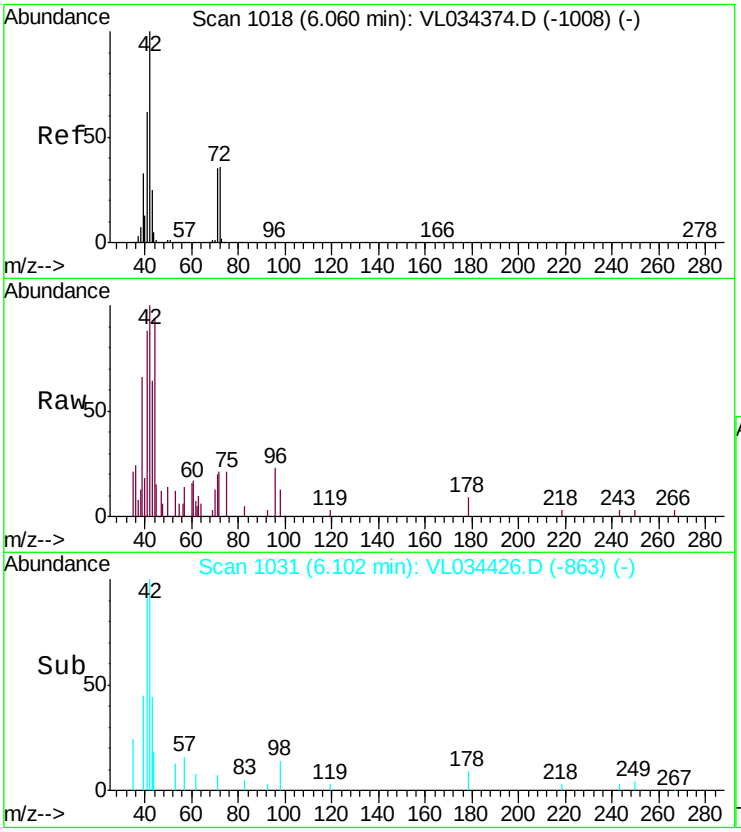


#39
1,2-Dichloropropane
Concen: 3.556 ppbv
RT: 7.92 min Scan# 1597
Delta R.T. 0.27 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 63 Resp: 167353

Ion	Ratio	Lower	Upper
63	100		
41	24.0	63.1	94.7#
62	3033.7	52.3	78.5#



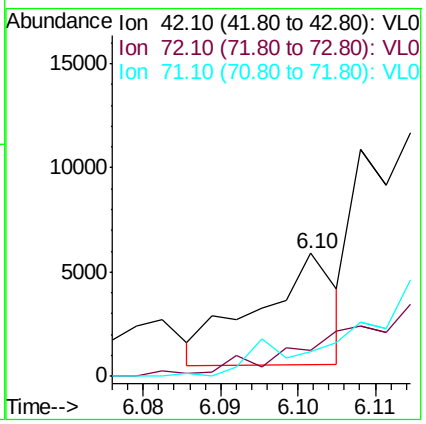


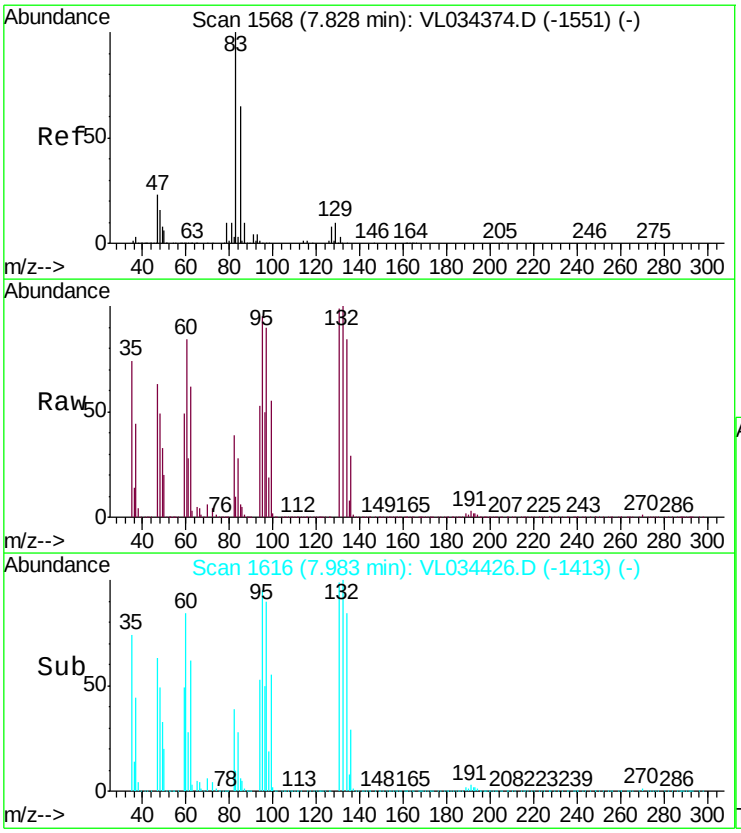
#41
Tetrahydrofuran
Concen: 0.066 ppbv
RT: 6.10 min Scan# 1031
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 42 Resp: 3733

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	29.4	44.2#

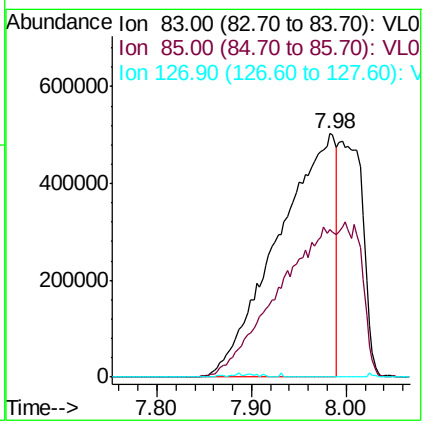


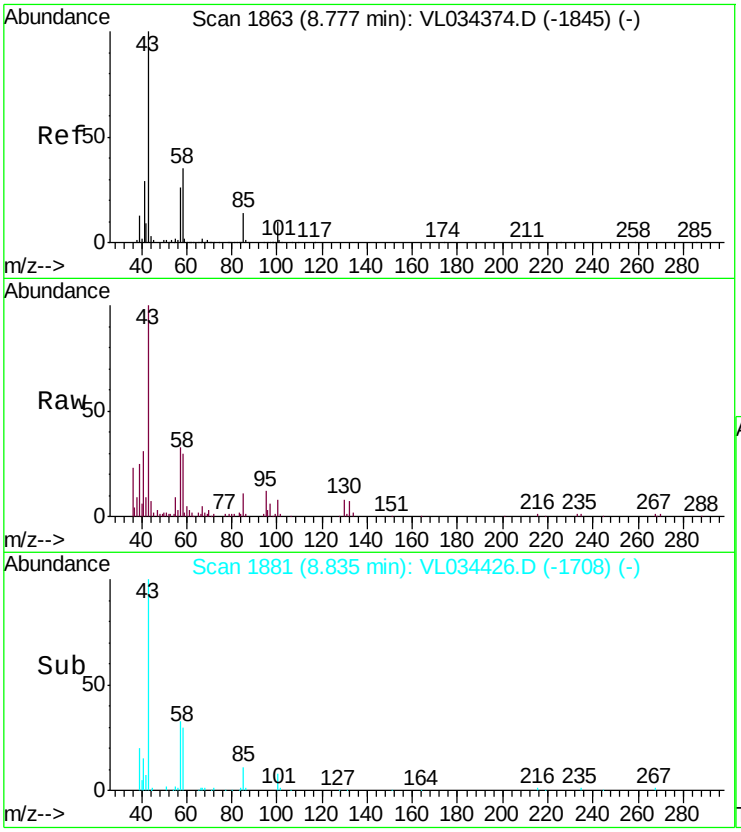


#42
Bromodichloromethane
Concen: 18.570 ppbv
RT: 7.98 min Scan# 1616
Delta R.T. 0.15 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 83 Resp: 2107744

Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.3	78.5
127	0.0	6.1	9.1#



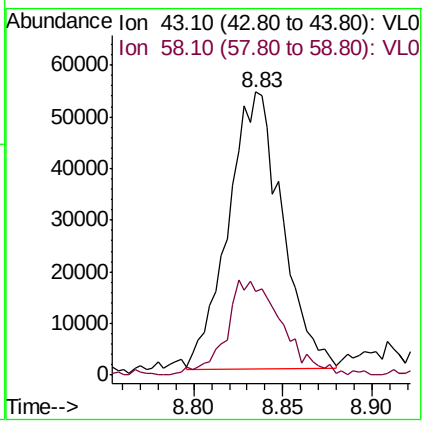


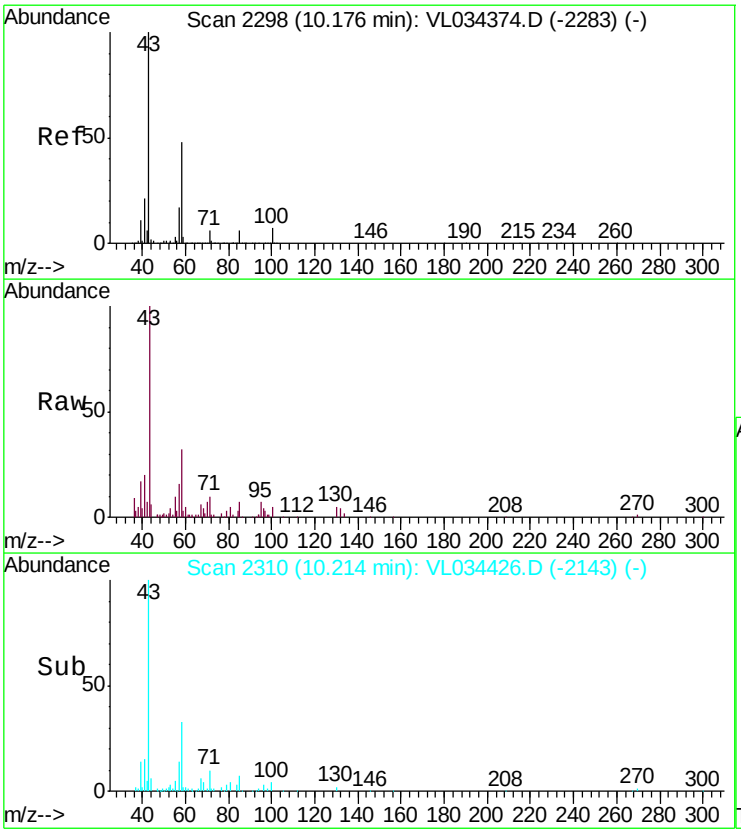
#50
4-Methyl-2-Pentanone
Concen: 0.775 ppbv
RT: 8.83 min Scan# 1881
Delta R.T. 0.06 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 43 Resp: 112804

Ion	Ratio	Lower	Upper
43	100		
58	35.7	27.9	41.9

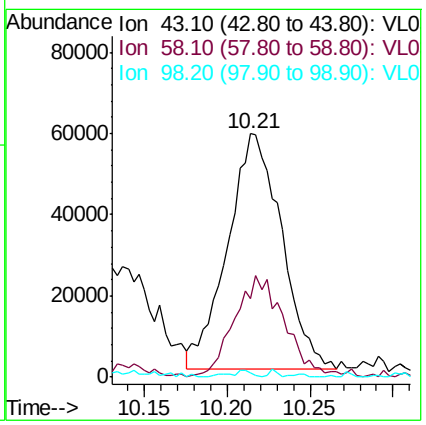


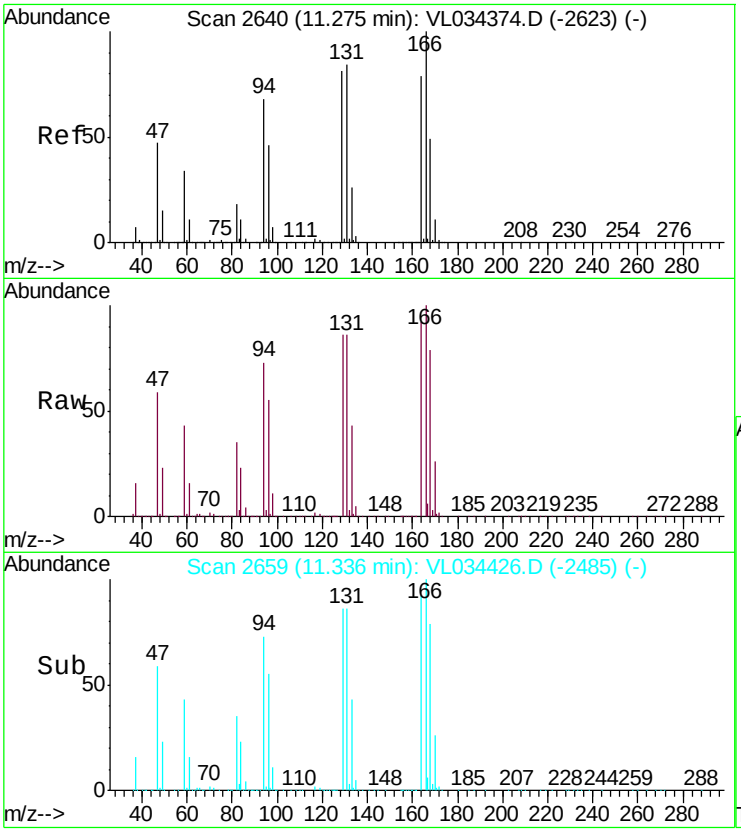


#51
2-Hexanone
Concen: 1.076 ppbv
RT: 10.21 min Scan# 2310
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 43 Resp: 131127

Ion	Ratio	Lower	Upper
43	100		
58	41.5	38.2	57.4
98	1.5	0.2	0.2#



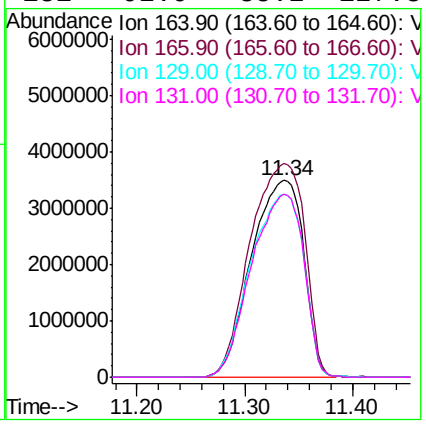


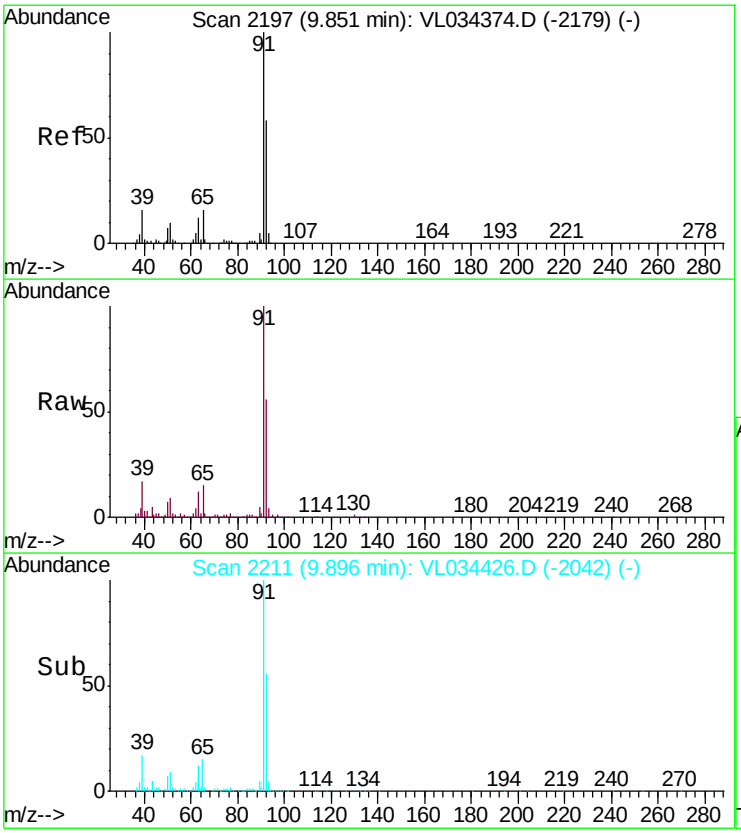
#52
Tetrachloroethene
Concen: 221.900 ppbv
RT: 11.34 min Scan# 2659
Delta R.T. 0.06 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:164 Resp:11728804

Ion	Ratio	Lower	Upper
164	100		
166	108.5	101.7	152.5
129	93.0	82.6	123.8
131	92.9	85.2	127.8

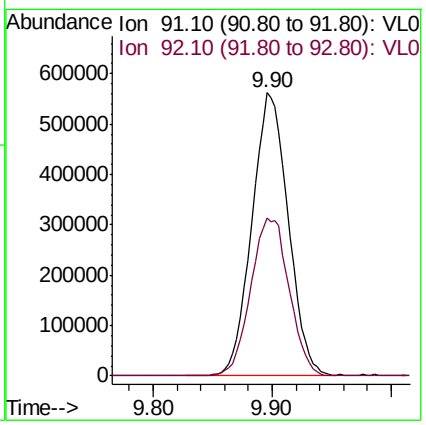


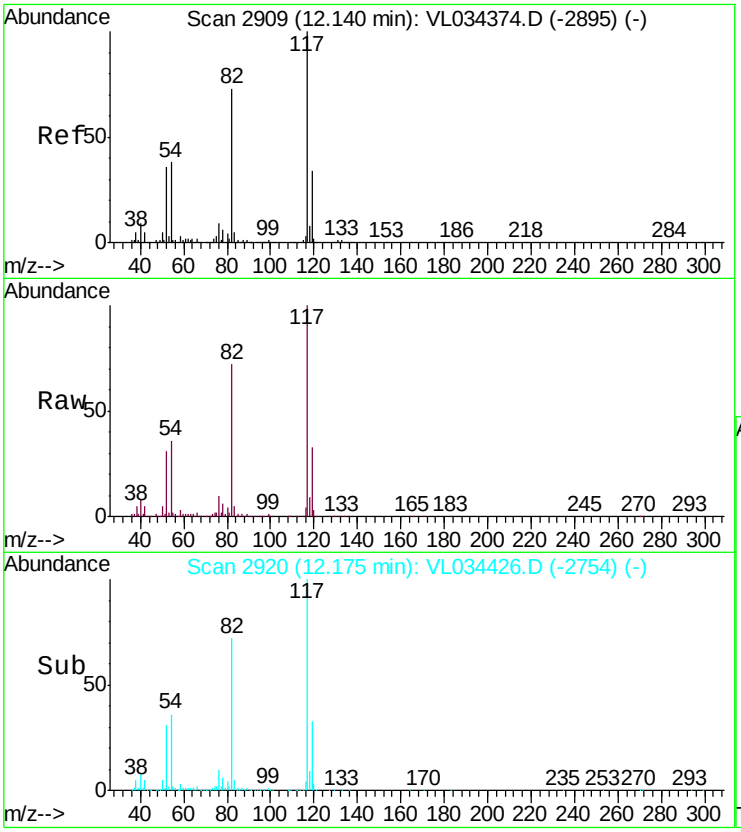


#53
Toluene
Concen: 8.536 ppbv
RT: 9.90 min Scan# 2211
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 91 Resp: 1184458

Ion	Ratio	Lower	Upper
91	100		
92	59.2	47.9	71.9



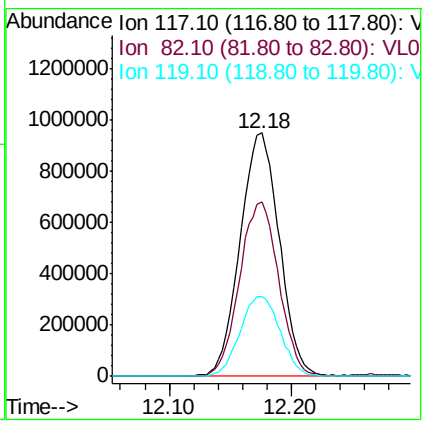


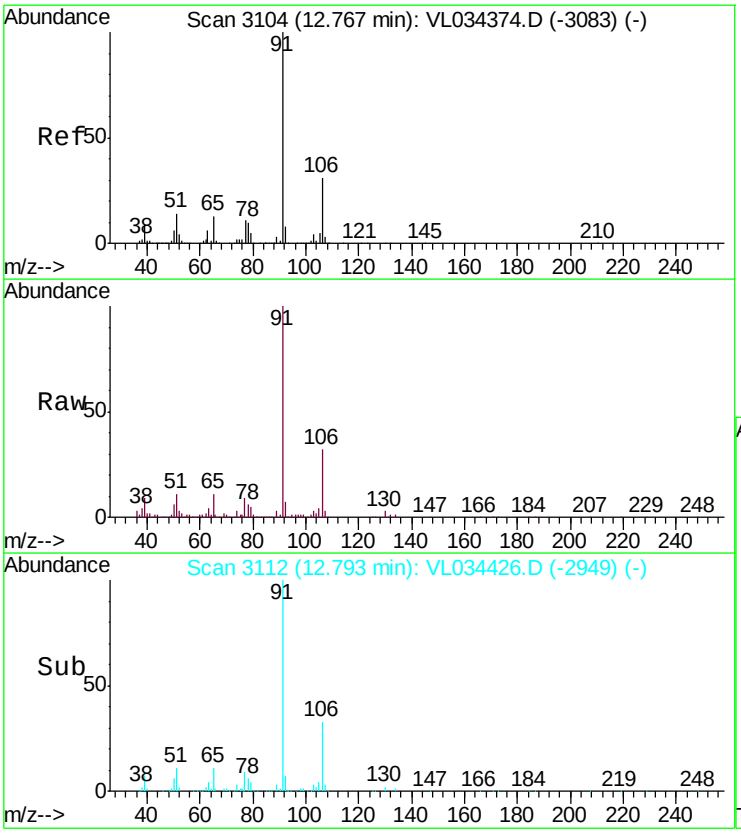
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:117 Resp: 2106004

Ion	Ratio	Lower	Upper
117	100		
82	71.9	57.5	86.3
119	33.7	25.4	38.2

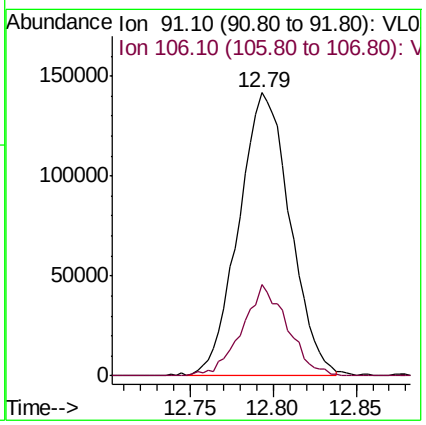


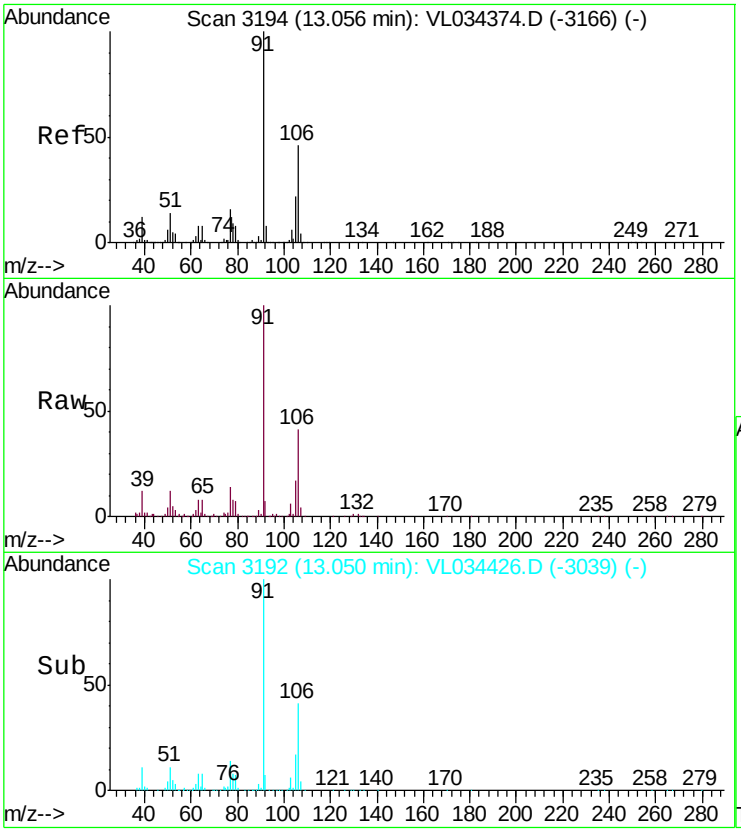


#58
Ethyl Benzene
Concen: 0.931 ppbv
RT: 12.79 min Scan# 3112
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 91 Resp: 304185

Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.8	37.2



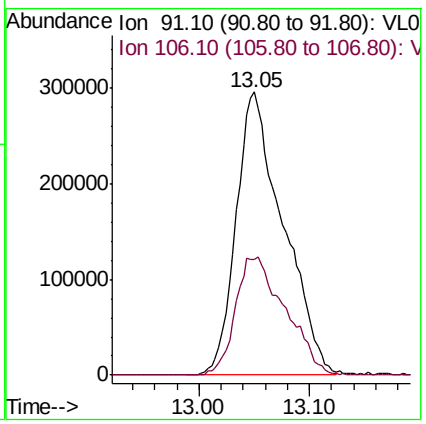


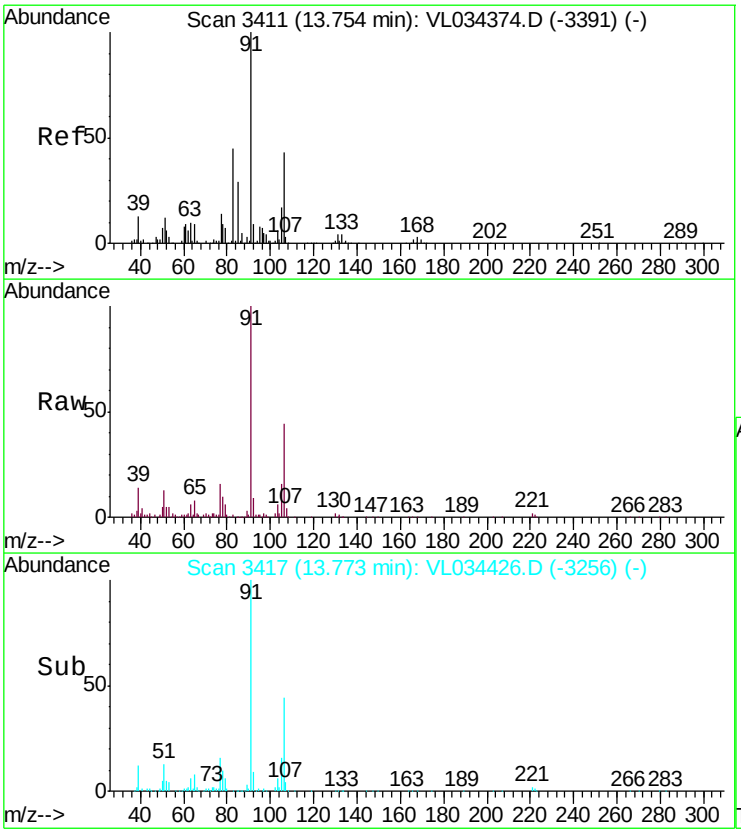
#59
m/p-Xylene
Concen: 3.098 ppbv
RT: 13.05 min Scan# 3192
Delta R.T. -0.01 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 91 Resp: 875103

Ion	Ratio	Lower	Upper
91	100		
106	44.1	34.6	51.8

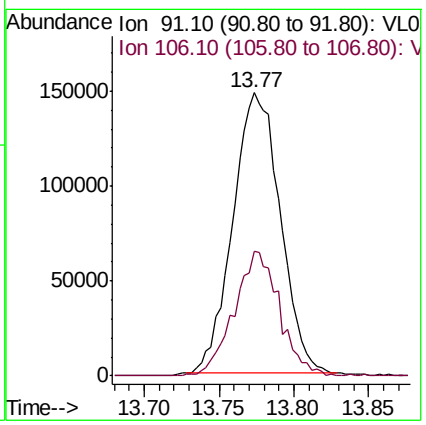


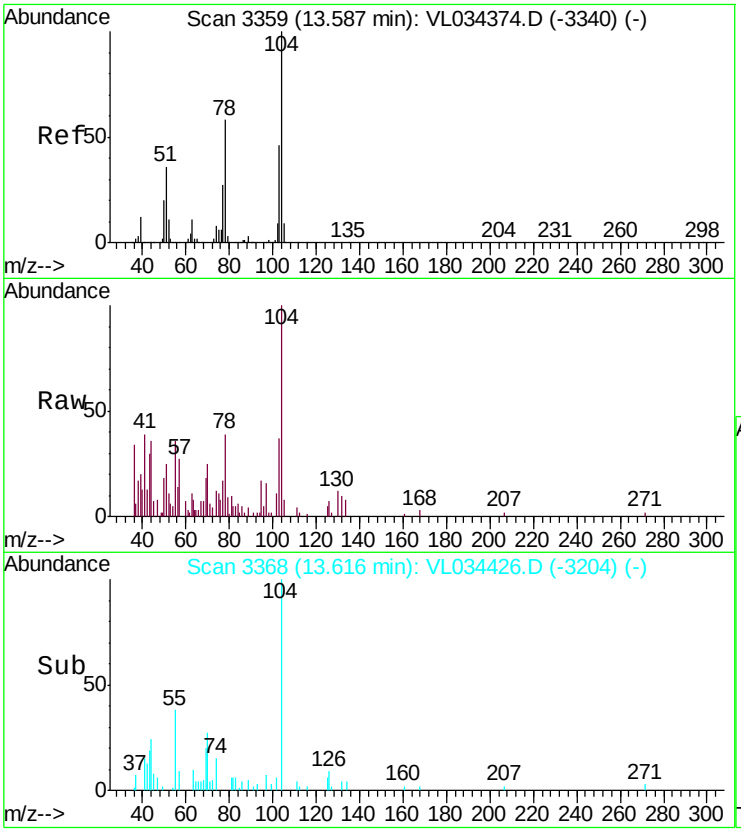


#60
o-Xylene
Concen: 1.164 ppbv
RT: 13.77 min Scan# 3417
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 91 Resp: 325241

Ion	Ratio	Lower	Upper
91	100		
106	42.6	21.3	64.0



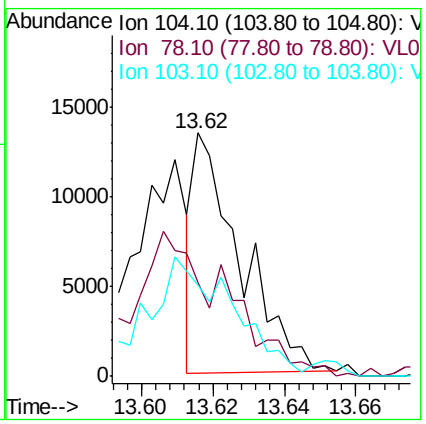


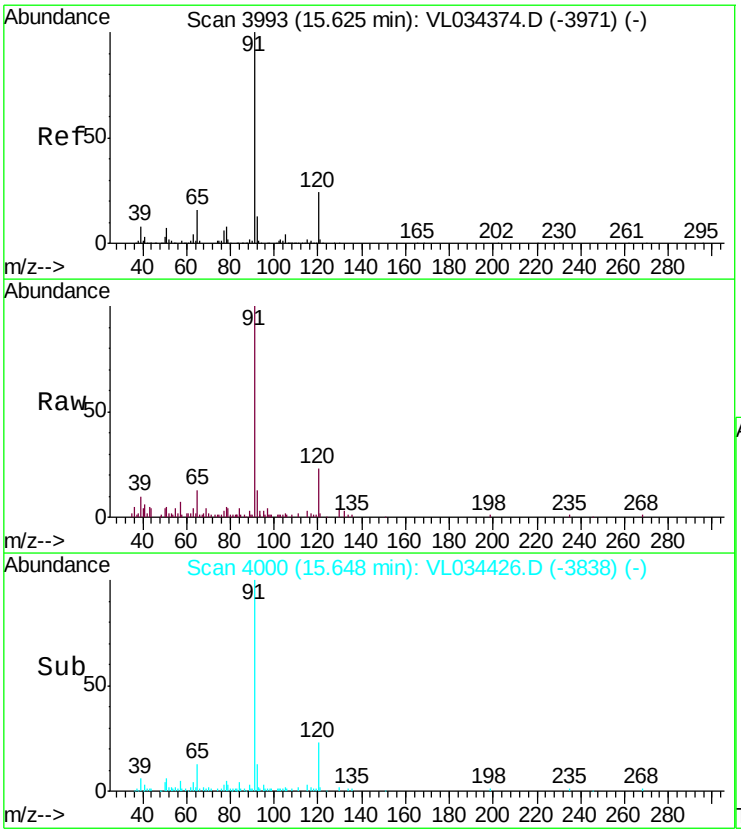
#61
Styrene
Concen: 0.060 ppbv
RT: 13.62 min Scan# 3368
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:104 Resp: 12050

Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.6	71.4#
103	0.0	38.6	57.8#

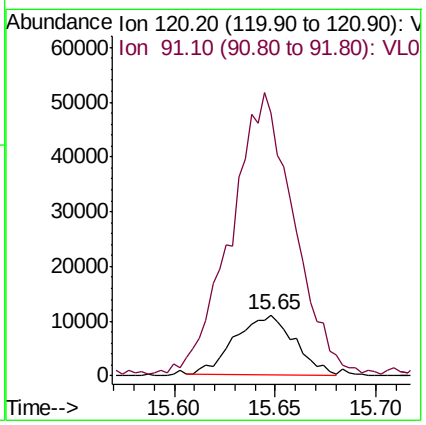


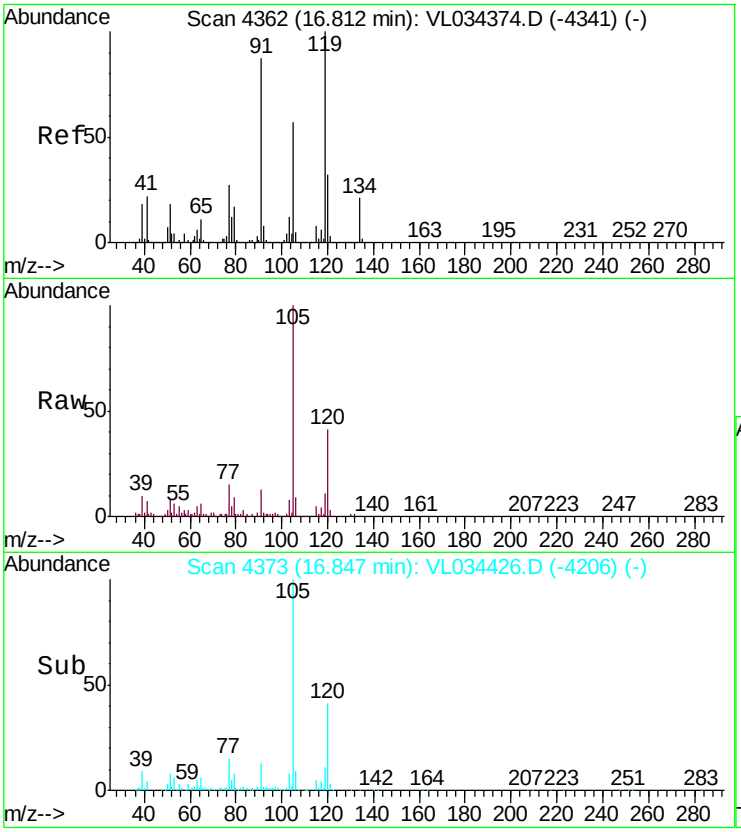


#64
n-propylbenzene
Concen: 0.236 ppbv
RT: 15.65 min Scan# 4000
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion:120 Resp: 22600

Ion	Ratio	Lower	Upper
120	100		
91	509.0	370.9	556.3



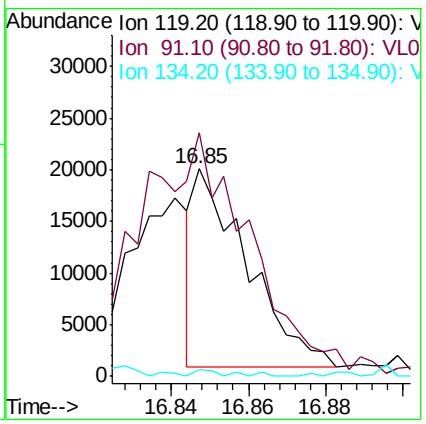


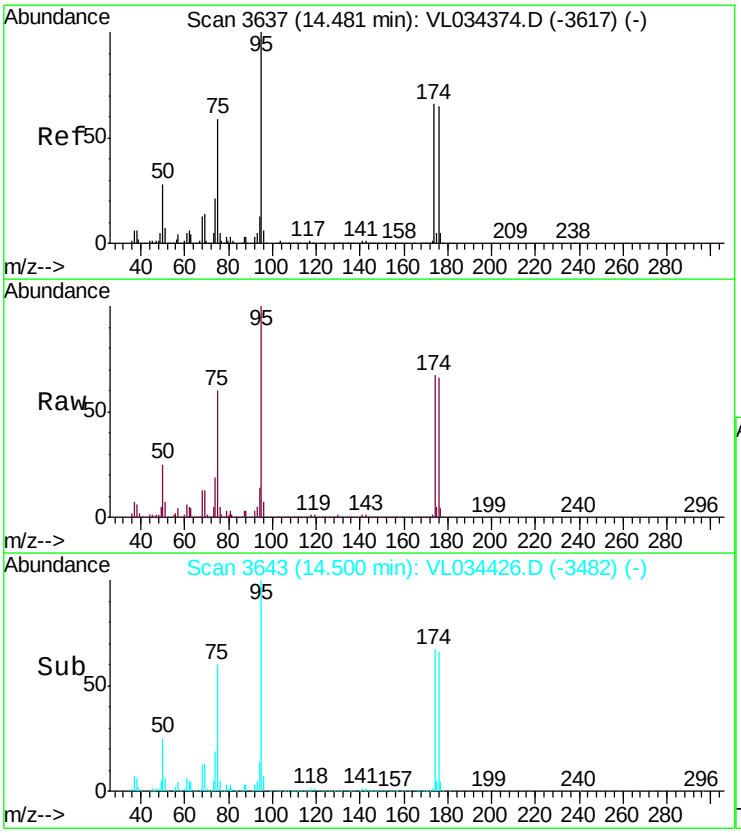
#65
tert-Butylbenzene
Concen: 0.055 ppbv
RT: 16.85 min Scan# 4373
Delta R.T. 0.04 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:119 Resp: 18380

Ion	Ratio	Lower	Upper
119	100		
91	284.8	71.6	107.4#
134	0.0	15.9	23.9#

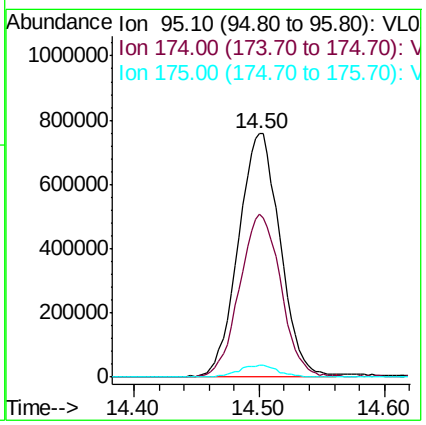


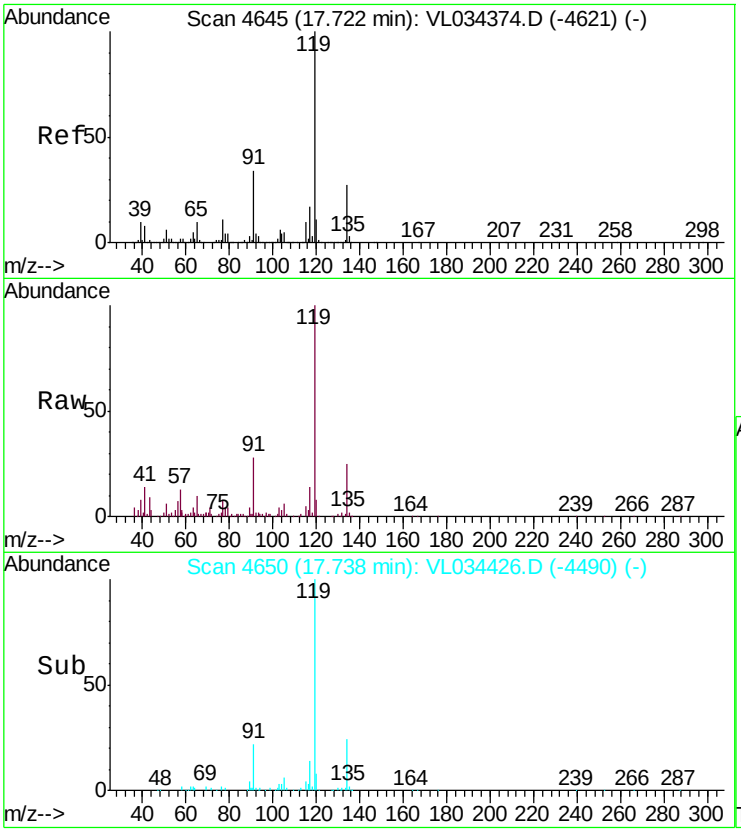


#68
1-Bromo-4-Fluorobenzene
Concen: 9.836 ppbv
RT: 14.50 min Scan# 3643
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion: 95 Resp: 1742665

Ion	Ratio	Lower	Upper
95	100		
174	67.0	52.2	78.2
175	4.7	3.8	5.8



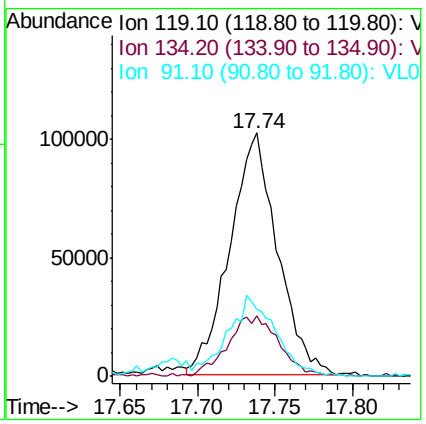


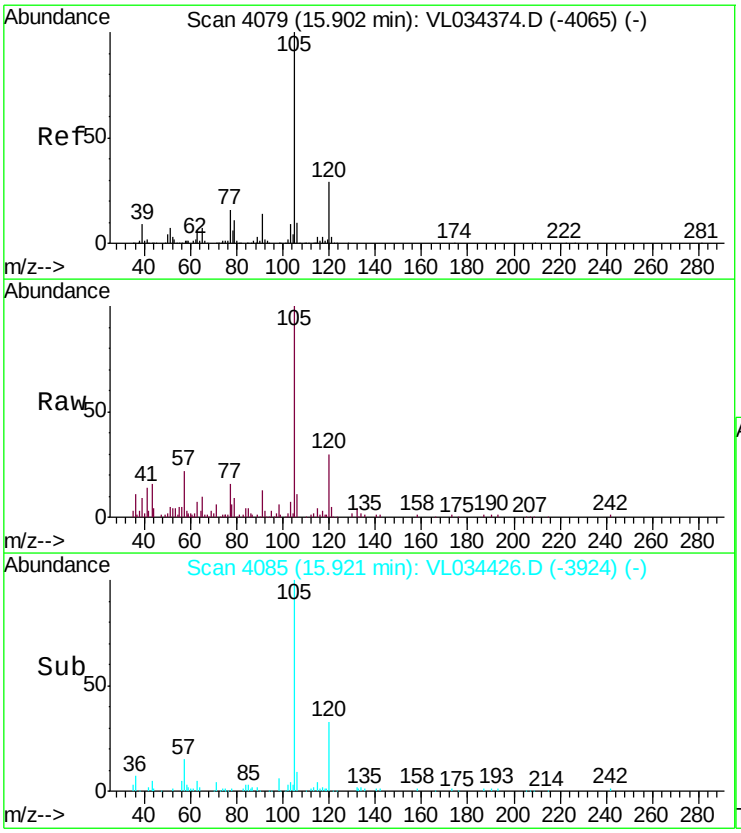
#69
p-Isopropyltoluene
Concen: 0.568 ppbv
RT: 17.74 min Scan# 4650
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:119 Resp: 218839

Ion	Ratio	Lower	Upper
119	100		
134	27.3	20.6	31.0
91	33.5	26.3	39.5

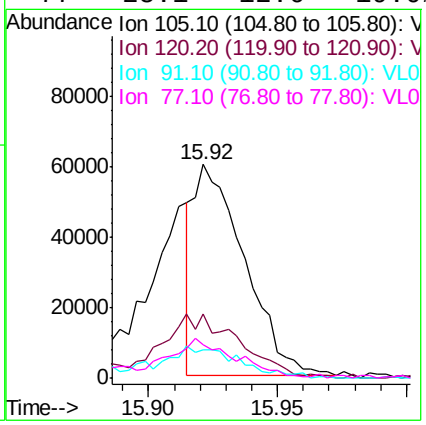


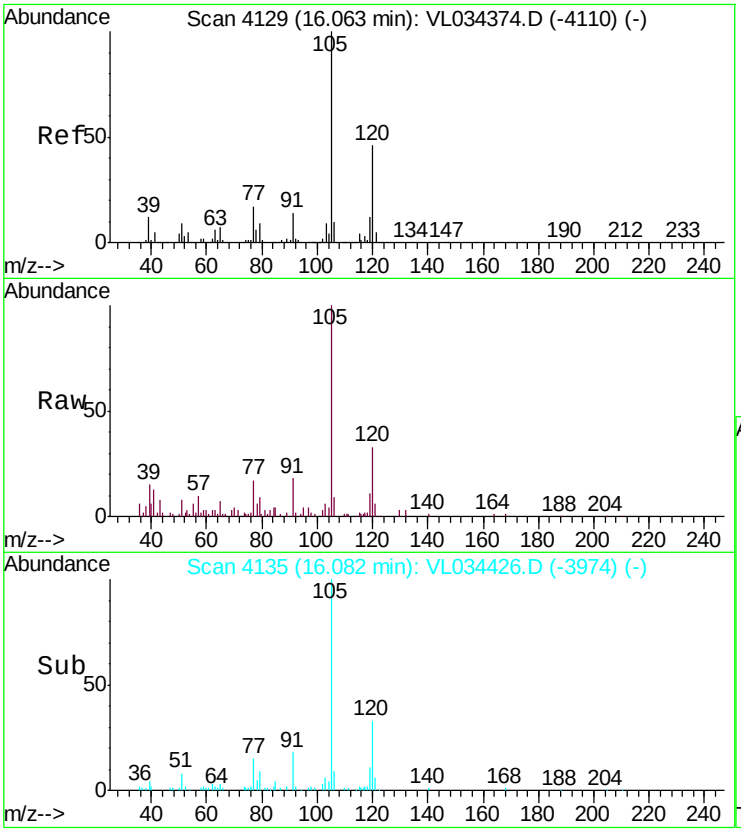


#72
4-Ethyltoluene
Concen: 0.252 ppbv
RT: 15.92 min Scan# 4085
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion:105 Resp: 81391

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.5	35.3#
91	23.5	11.4	17.0#
77	25.1	12.6	19.0#



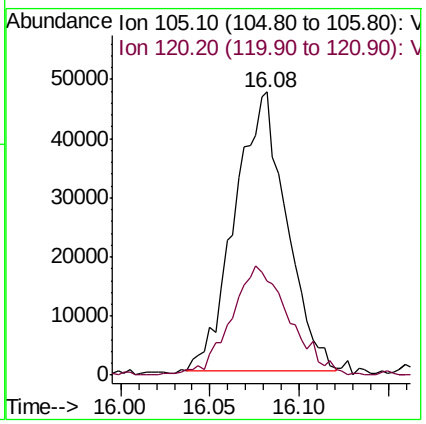


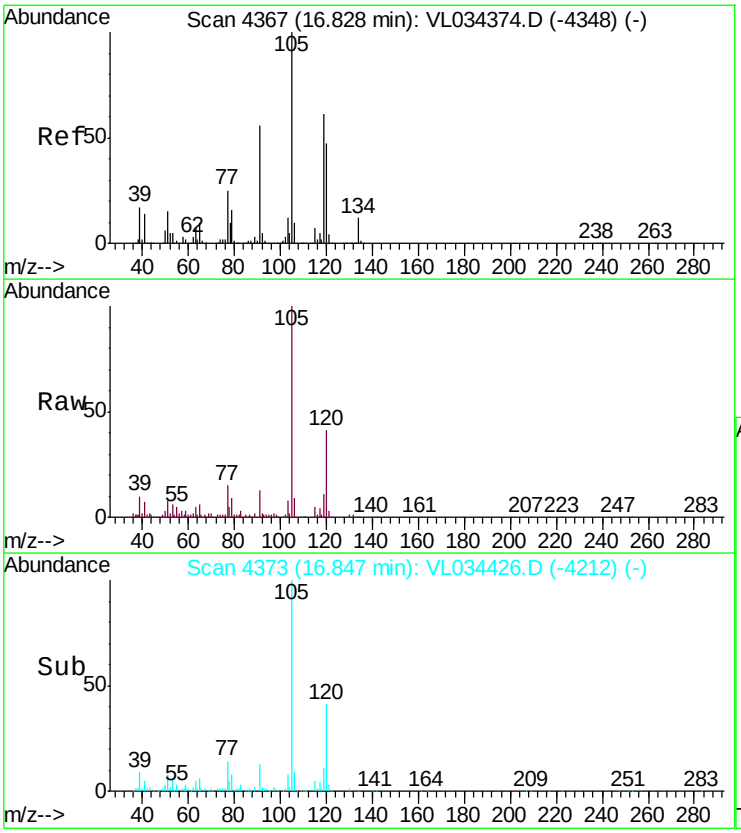
#73
1,3,5-Trimethylbenzene
Concen: 0.304 ppbv
RT: 16.08 min Scan# 4135
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:105 Resp: 96129

Ion	Ratio	Lower	Upper
105	100		
120	31.7	37.1	55.7#

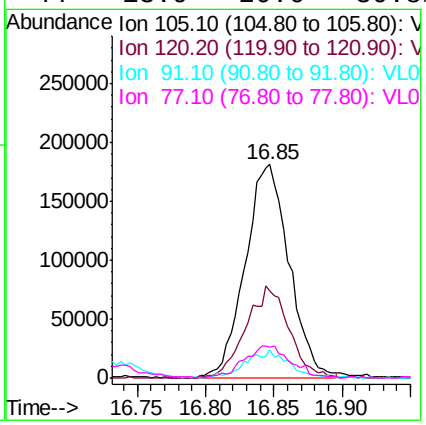


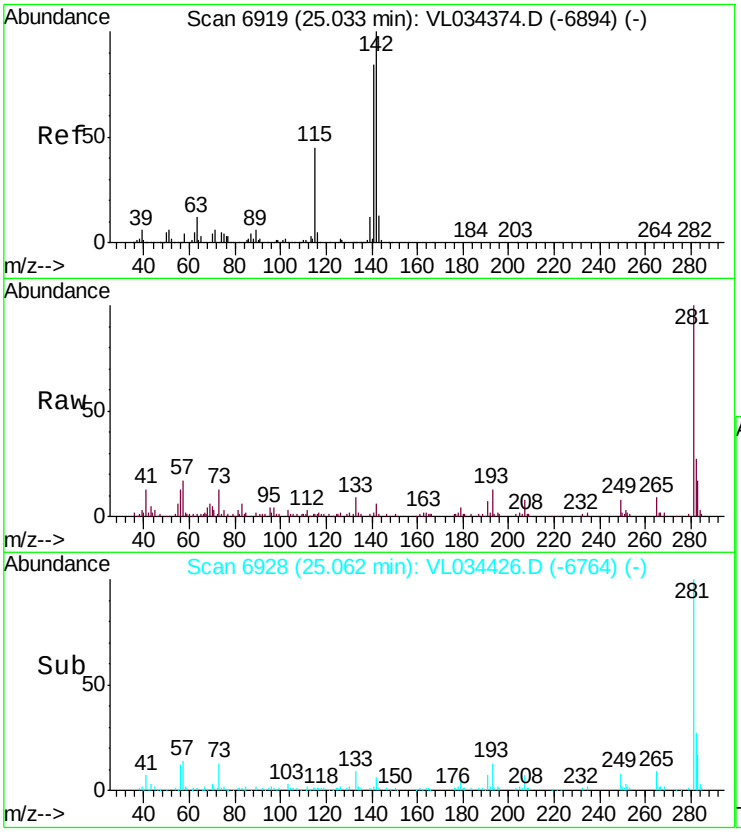


#74
1,2,4-Trimethylbenzene
Concen: 1.209 ppbv
RT: 16.85 min Scan# 4373
Delta R.T. 0.02 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Tgt Ion:105 Resp: 405739

Ion	Ratio	Lower	Upper
105	100		
120	40.6	37.4	56.0
91	12.8	46.3	69.5#
77	13.9	20.6	30.8#





#80
Naphthalene,2-methyl-
Concen: 0.043 ppbv
RT: 25.06 min Scan# 6928
Delta R.T. 0.03 min
Lab File: VL034426.D
Acq: 2 Dec 2019 15:00

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:142 Resp: 5626

Ion	Ratio	Lower	Upper
142	100		
141	81.3	67.1	100.7
115	103.4	36.6	54.8#