Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

Quantitation Report (Not Reviewed)

Data File : VL034878.D
Acq On : 10 Mar 2020 22:50
Operator : SY/AP
Sample : L1161-15 0.1 PPB MDL
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-01-QT1-2020

Quant Time: Mar 11 05:57:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	872987	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	1935932	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	1878518	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1558781	10.64	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	23693	0.198	ppbv		88
3) Chlorodifluoromethane	2.95	51	13420	0.138	ppbv	#	87
4) Chloromethane	3.10	50	4083	0.074	ppbv	#	53
5) Vinyl Chloride	3.22	62	4826	0.091	ppbv		98
6) Bromomethane	3.44	94	2062	0.067	ppbv	#	67
7) Chloroethane	3.53	64	2135	0.112	ppbv		91
8) Dichlorotetrafluoroethane	3.15	85	19121	0.154	ppbv		98
9) Propene	3.26	41	667	0.014	ppbv		99
10) Heptane	8.13	43	5276	0.046	ppbv	#	11
11) Trichlorofluoromethane	3.92	101	18468	0.145	ppbv	#	81
12) 1,1,2-Trichlorotrifluoroet	4.47	101	13616	0.153	ppbv		95
14) Bromoethene	3.71	108	3254	0.085	ppbv	#	31
15) Acetone	3.85	43	25444	0.225	ppbv	#	85
16) 1,3-Butadiene	3.29	39	5908	0.115	ppbv		90
18) 1,1-Dichloroethene	4.27	96	4090	0.104	ppbv	#	79
20) Methylene Chloride	4.32	84	9093	0.254	ppbv	#	75
21) Allyl Chloride	4.39	41	5250	0.072	ppbv	#	34
22) trans-1,2-Dichloroethene	4.87	96	4140	0.104	ppbv	#	87
23) Vinyl Acetate	5.07	43	9703	0.058	ppbv	#	81
24) 1,1-Dichloroethane	4.99	63	16854	0.150	ppbv		98
25) Ethyl Acetate	5.68	43	11144	0.055	ppbv	#	75
26) Hexane	5.67	57	6576	0.076	ppbv	#	1
27) Carbon Disulfide	4.53	76	2944	0.030	ppbv	#	35
28) Methyl tert-Butyl Ether	5.04	73	6821	0.047	ppbv	#	30
30) Cyclohexane	7.13	84	2755	0.038	ppbv	#	1
32) 1,1,1-Trichloroethane	6.51	97	14820	0.115	ppbv		93
35) Carbon Tetrachloride	7.02	117	4115	0.034	ppbv	#	55
36) Benzene	6.90	78	18793	0.109	ppbv	#	89
37) 1,2-Dichloroethane	6.30	62	3532	0.036	ppbv	#	81
38) Trichloroethene	7.84	130	4395	0.067	ppbv	#	53
39) 1,2-Dichloropropane	7.18	63	507986	7.430	ppbv	#	22
41) Tetrahydrofuran	6.07	42	822	0.012	ppbv	#	37
42) Bromodichloromethane	7.80	83	7522	0.057	ppbv		93
43) Methyl Methacrylate	8.02	69	1685	0.023	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	5862	0.020	ppbv	#	1
45) t-1,3-Dichloropropene	9.29	75	1679	0.020	ppbv		92
46) cis-1,3-Dichloropropene	8.71	75	2152	0.021	ppbv	#	47
47) 1,1,2-Trichloroethane	9.50	97	4477	0.064	ppbv	#	51
48) Dibromochloromethane	10.33	129	4810	0.042	ppbv	#	12
49) Bromoform	13.07	173	2673	0.026	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.78	43	8306	0.045	ppbv	#	44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

Quantitation Report (Not Reviewed)

Data File : VL034878.D
Acq On : 10 Mar 2020 22:50
Operator : SY/AP
Sample : L1161-15 0.1 PPB MDL
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-01-QT1-2020

Quant Time: Mar 11 05:57:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) 2-Hexanone	10.19	43	5410	0.036	ppbv	#	29
52) Tetrachloroethene	11.27	164	912	0.013	ppbv		97
53) Toluene	9.82	91	7749	0.039	ppbv	#	20
54) 1,2-Dibromoethane	10.63	107	4302	0.041	ppbv		89
56) 1,1,1,2-Tetrachloroethane	12.15	131	4919	0.058	ppbv	#	7
57) Chlorobenzene	12.17	112	3290	0.022	ppbv	#	31
58) Ethyl Benzene	12.73	91	7206	0.028	ppbv		94
59) m/p-Xylene	13.03	91	7667	0.036	ppbv	#	30
60) o-Xylene	13.72	91	4205	0.020	ppbv	#	31
61) Styrene	13.55	104	6918	0.047	ppbv	#	63
62) Isopropylbenzene	14.70	105	17608	0.056	ppbv	#	71
63) 1,1,2,2-Tetrachloroethane	13.71	83	9909	0.070	ppbv	#	25
64) n-propylbenzene	15.59	120	5121	0.063	ppbv	#	10
65) tert-Butylbenzene	16.78	119	3591	0.013	ppbv	#	1
70) n-Butylbenzene	18.59	91	6671	0.020	ppbv	#	32
71) 2-Chlorotoluene	15.48	91	18098	0.076	ppbv		83
72) 4-Ethyltoluene	15.87	105	14481	0.059	ppbv	#	60
73) 1,3,5-Trimethylbenzene	16.03	105	3084	0.013	ppbv	#	29
74) 1,2,4-Trimethylbenzene	16.80	105	2936	0.012	ppbv	#	64
75) 1,3-Dichlorobenzene	17.03	146	3856	0.027	ppbv	#	1
76) 1,4-Dichlorobenzene	17.17	146	3364	0.024	ppbv	#	23
77) 1,2-Dichlorobenzene	17.85	146	1900	0.014	ppbv	#	23
78) Hexachloro-1,3-Butadiene	23.42	225	8863	0.077	ppbv	#	35
81) 1,2,4-Trichlorobenzene	21.98	180	1846	0.016	ppbv	#	24

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

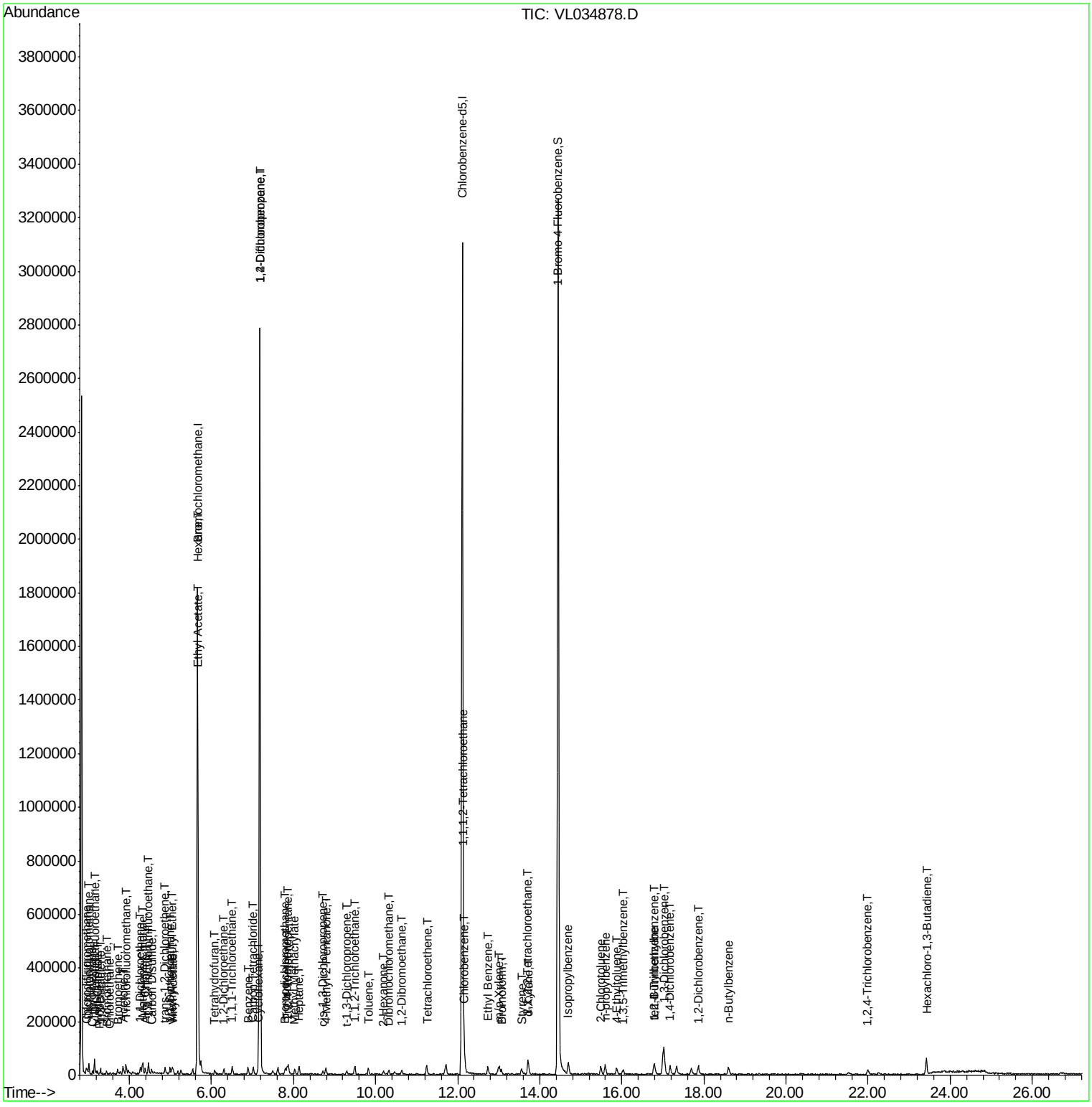
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

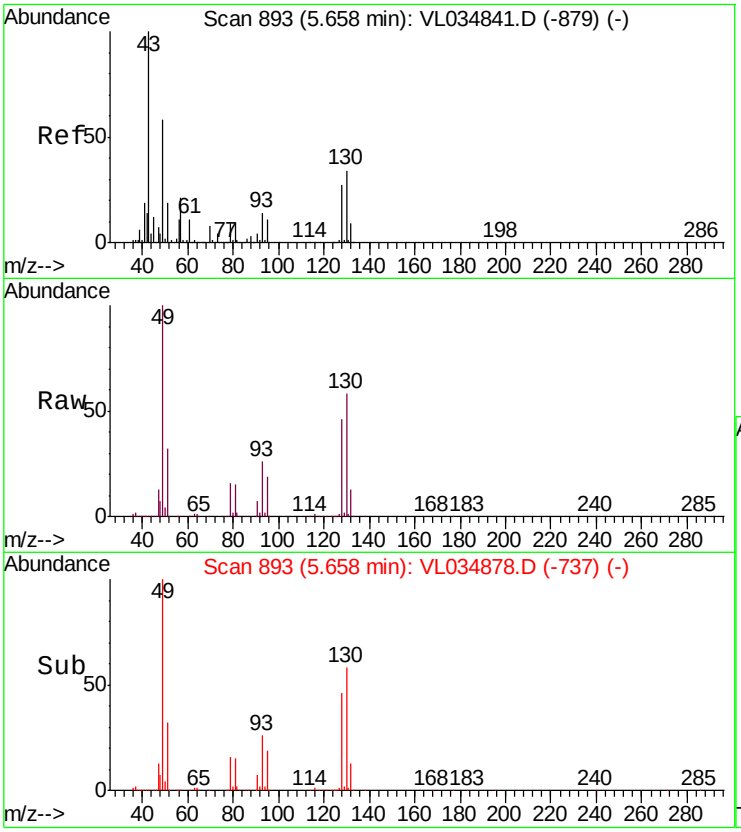
Quantitation Report (Not Reviewed)

Data File : VL034878.D
Acq On : 10 Mar 2020 22:50
Operator : SY/AP
Sample : L1161-15 0.1 PPB MDL
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Quant Time: Mar 11 05:57:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



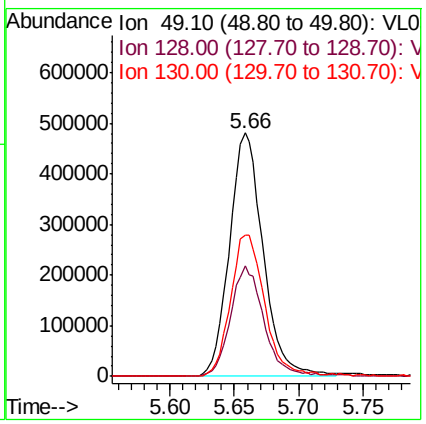


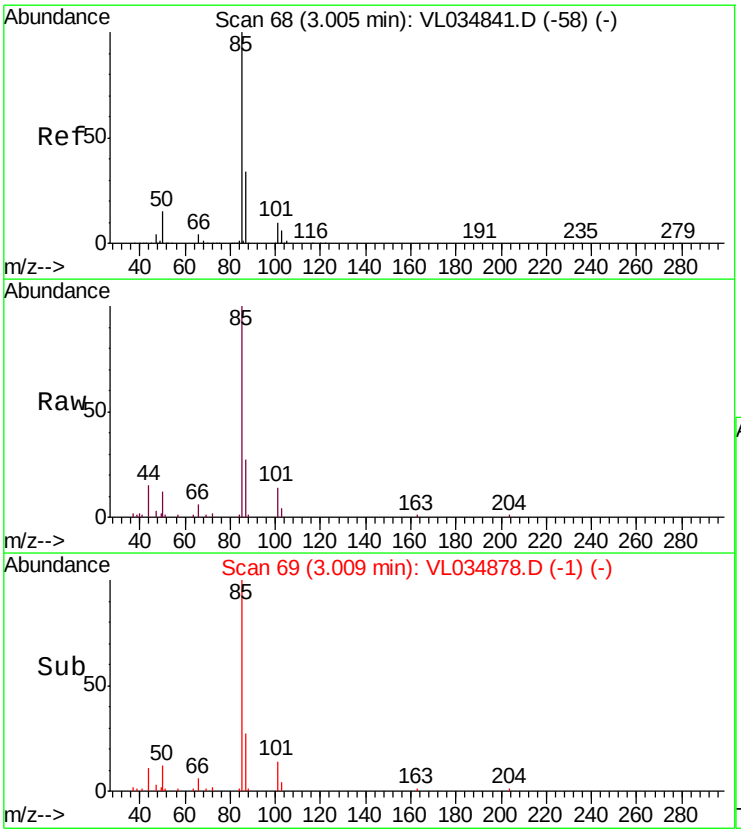
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 49 Resp: 872987

Ion	Ratio	Lower	Upper
49	100		
128	45.1	23.4	70.3
130	59.5	30.0	90.0

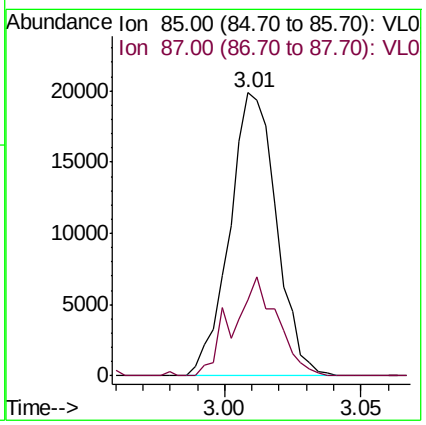


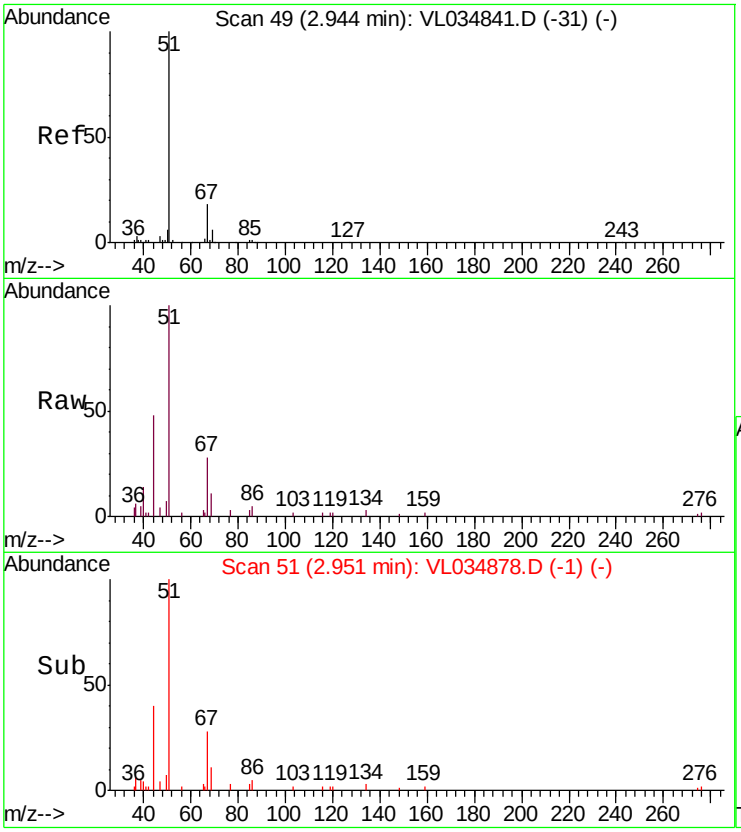


#2
Dichlorodifluoromethane
Concen: 0.198 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 85 Resp: 23693

Ion	Ratio	Lower	Upper
85	100		
87	27.0	26.9	40.3



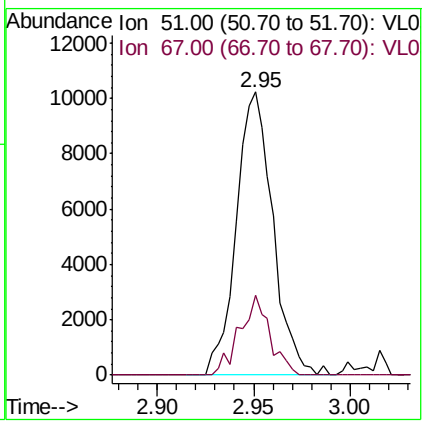


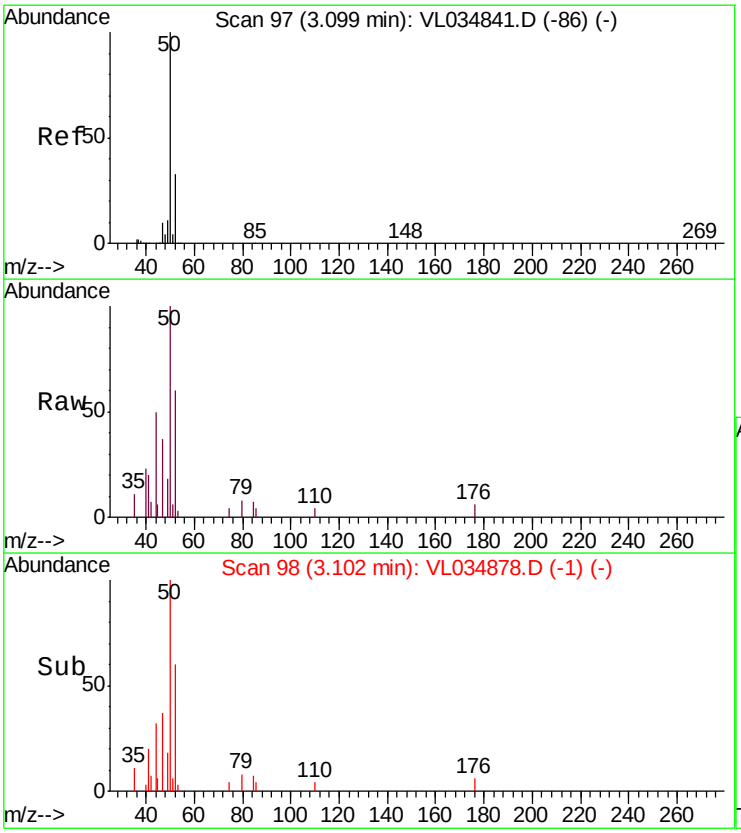
#3
Chlorodifluoromethane
Concen: 0.138 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 51 Resp: 13420

Ion	Ratio	Lower	Upper
51	100		
67	23.4	14.3	21.5#

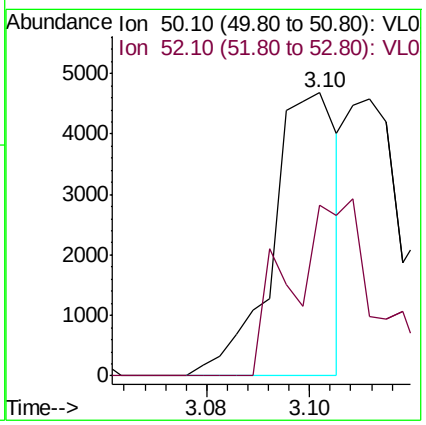


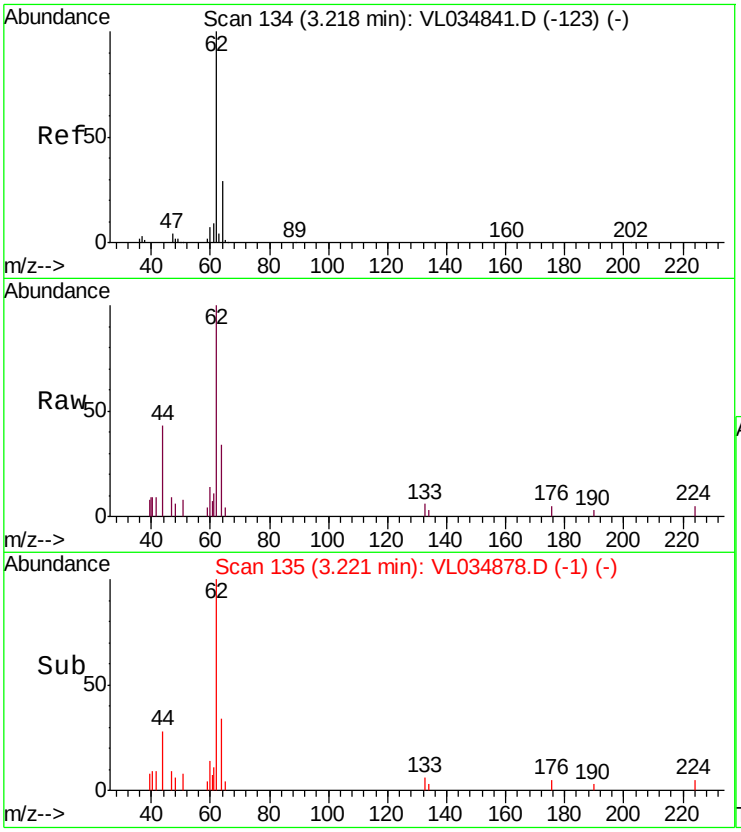


#4
Chloromethane
Concen: 0.074 ppbv
RT: 3.10 min Scan# 98
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 50 Resp: 4083

Ion	Ratio	Lower	Upper
50	100		
52	60.2	26.8	40.2#



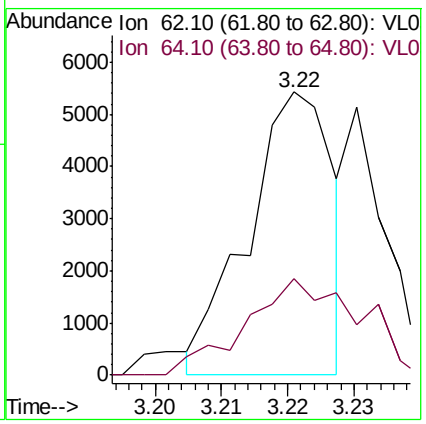


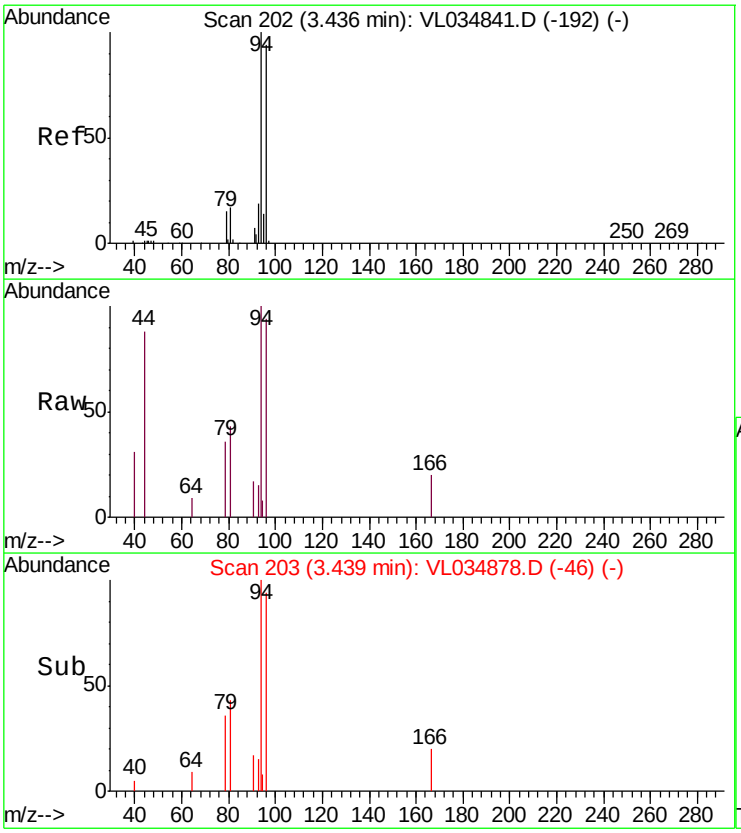
#5
Vinyl Chloride
Concen: 0.091 ppbv
RT: 3.22 min Scan# 135
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 62 Resp: 4826

Ion	Ratio	Lower	Upper
62	100		
64	29.9	23.0	34.4

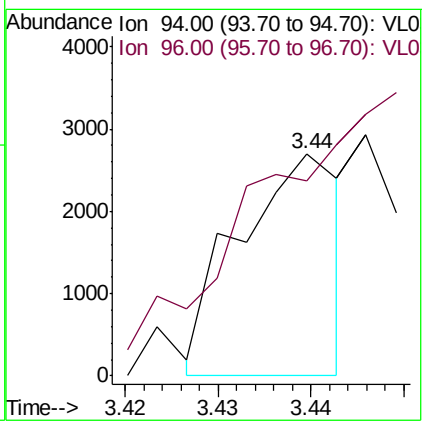


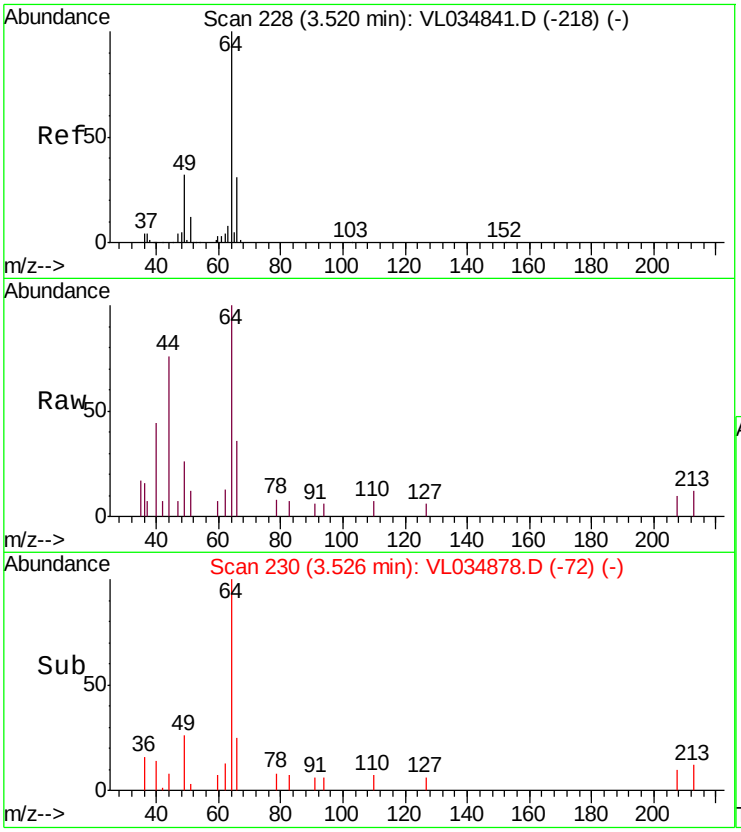


#6
Bromomethane
Concen: 0.067 ppbv
RT: 3.44 min Scan# 203
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 94 Resp: 2062

Ion	Ratio	Lower	Upper
94	100		
96	62.3	75.5	113.3#



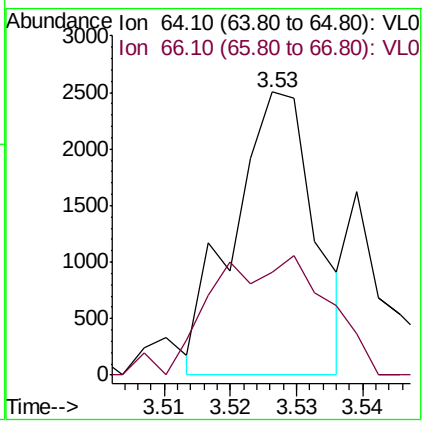


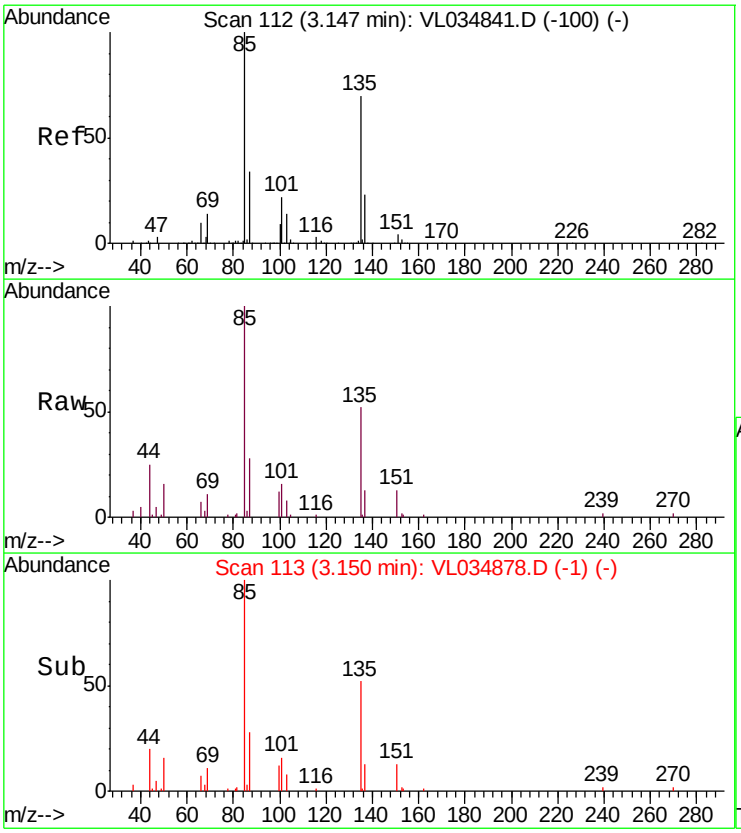
#7
Chloroethane
Concen: 0.112 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 64 Resp: 2135

Ion	Ratio	Lower	Upper
64	100		
66	36.2	24.8	37.2

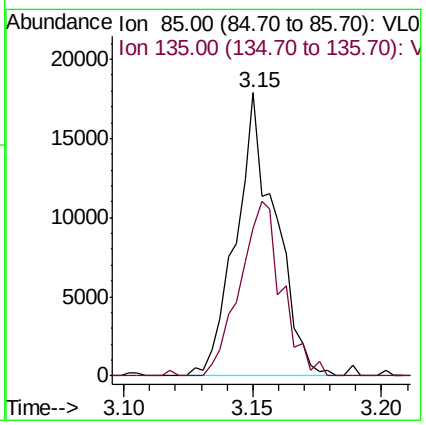


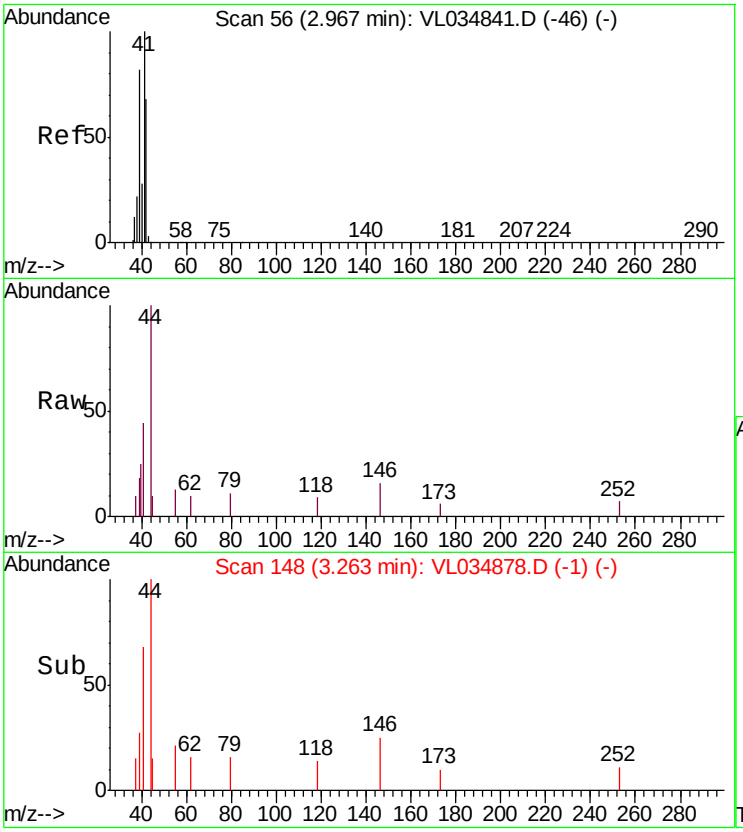


#8
Dichlorotetrafluoroethane
Concen: 0.154 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 85 Resp: 19121

Ion	Ratio	Lower	Upper
85	100		
135	66.0	54.3	81.5



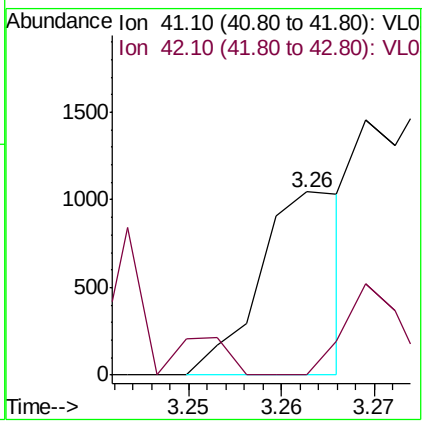


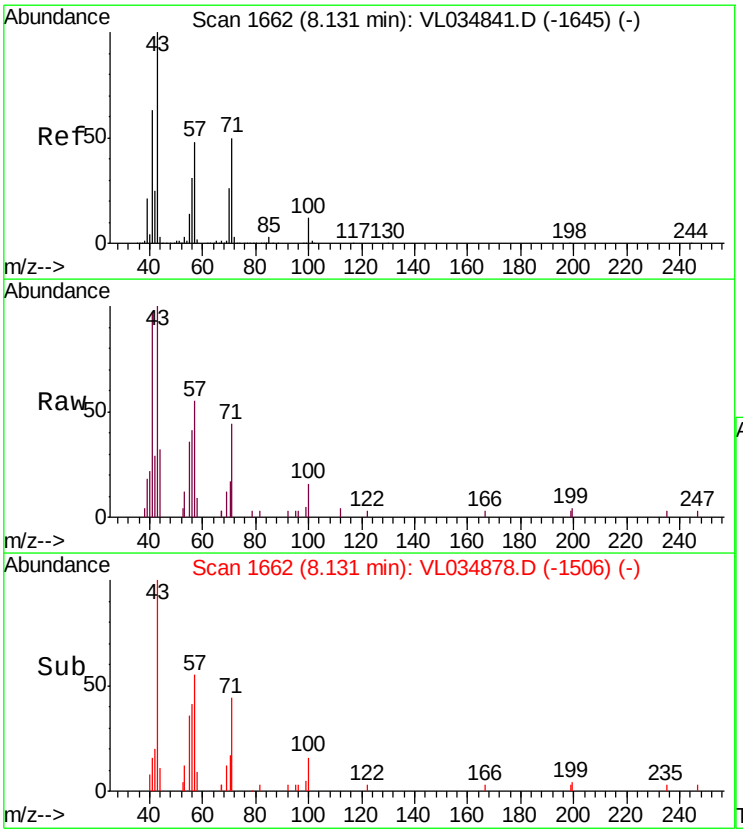
#9
Propene
Concen: 0.014 ppbv
RT: 3.26 min Scan# 148
Delta R.T. 0.30 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 41 Resp: 667

Ion	Ratio	Lower	Upper
41	100		
42	69.4	55.2	82.8

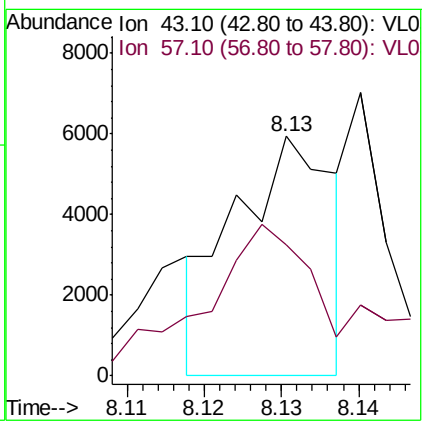


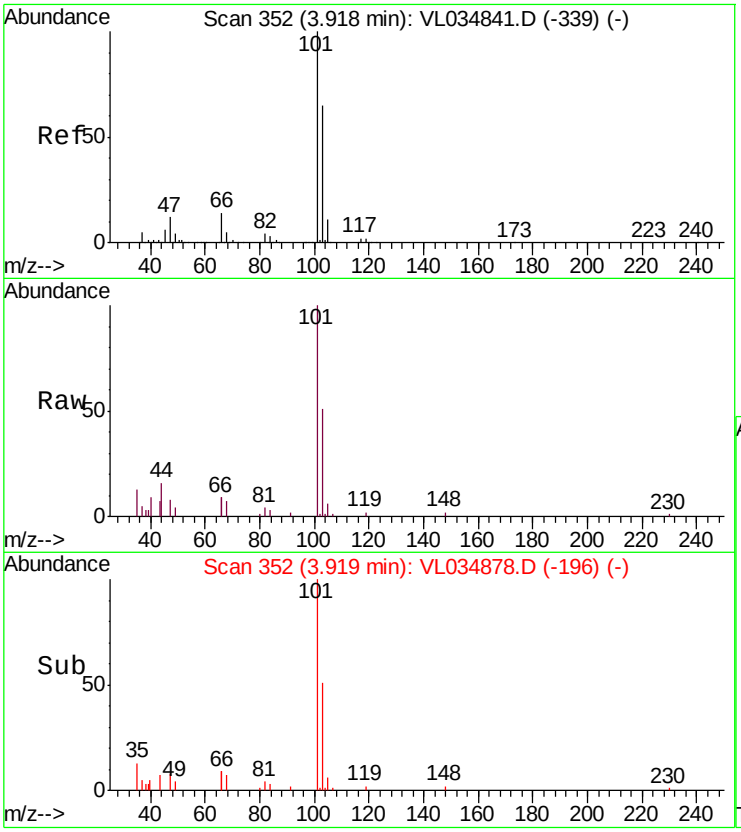


#10
Heptane
Concen: 0.046 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 43 Resp: 5276

Ion	Ratio	Lower	Upper
43	100		
57	111.0	39.7	59.5#



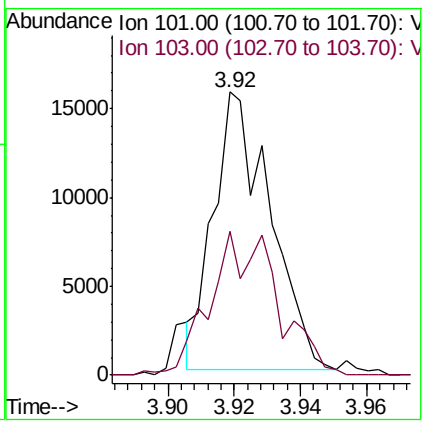


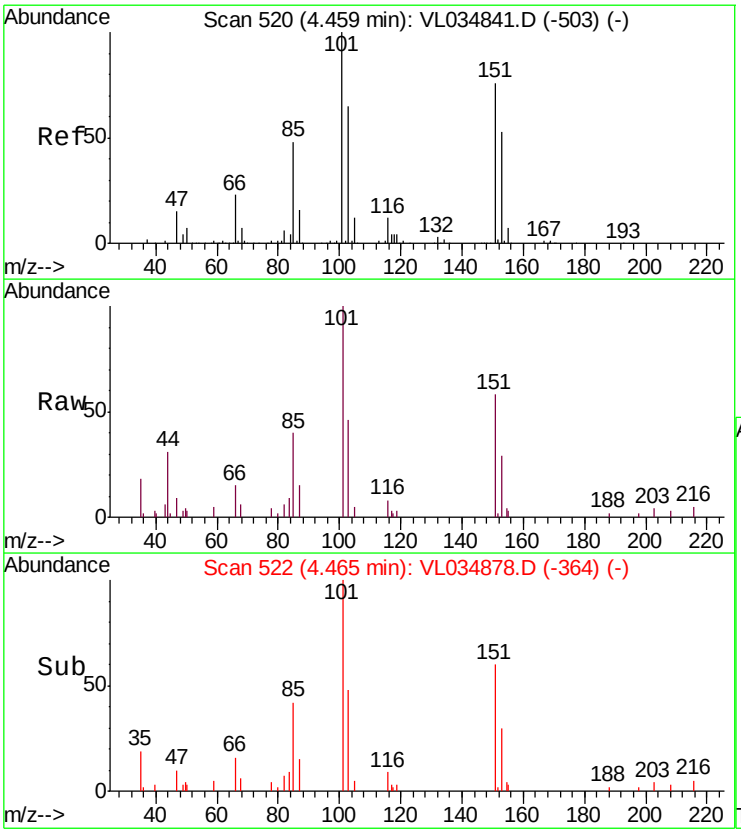
#11
Trichlorofluoromethane
Concen: 0.145 ppbv
RT: 3.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:101 Resp: 18468

Ion	Ratio	Lower	Upper
101	100		
103	49.7	51.8	77.8#

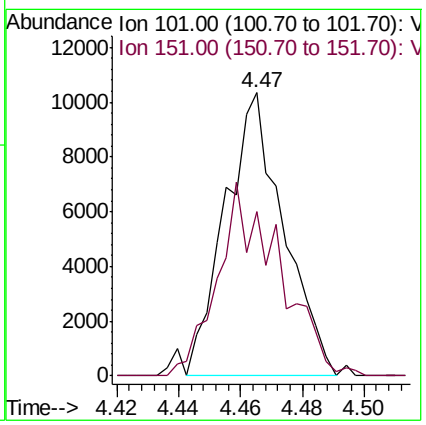


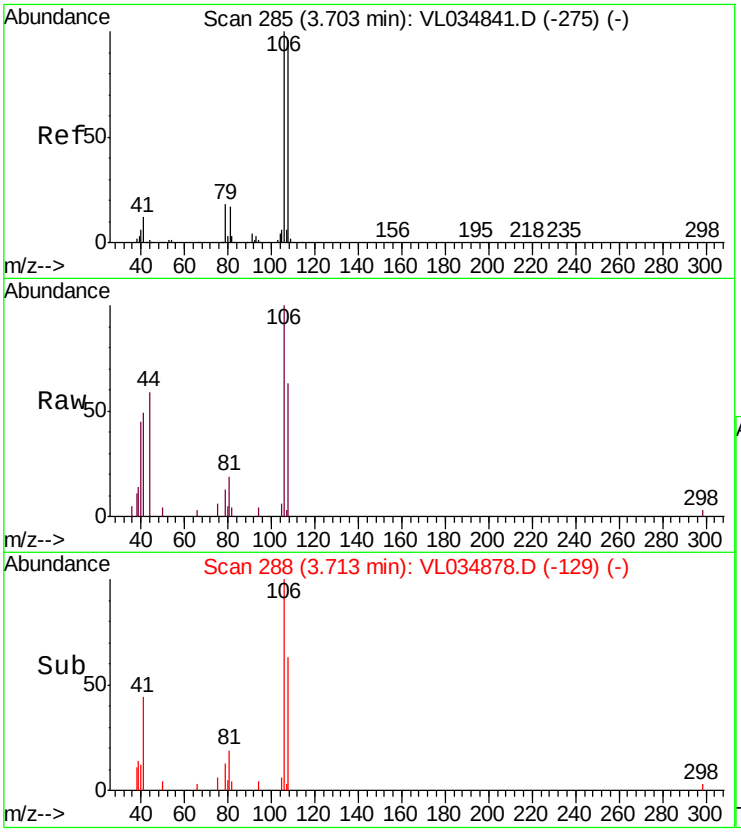


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.153 ppbv
RT: 4.47 min Scan# 522
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:101 Resp: 13616

Ion	Ratio	Lower	Upper
101	100		
151	72.0	60.8	91.2



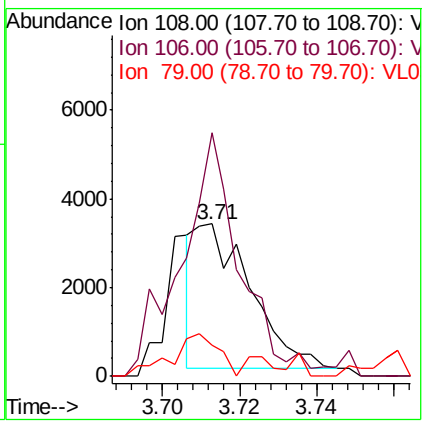


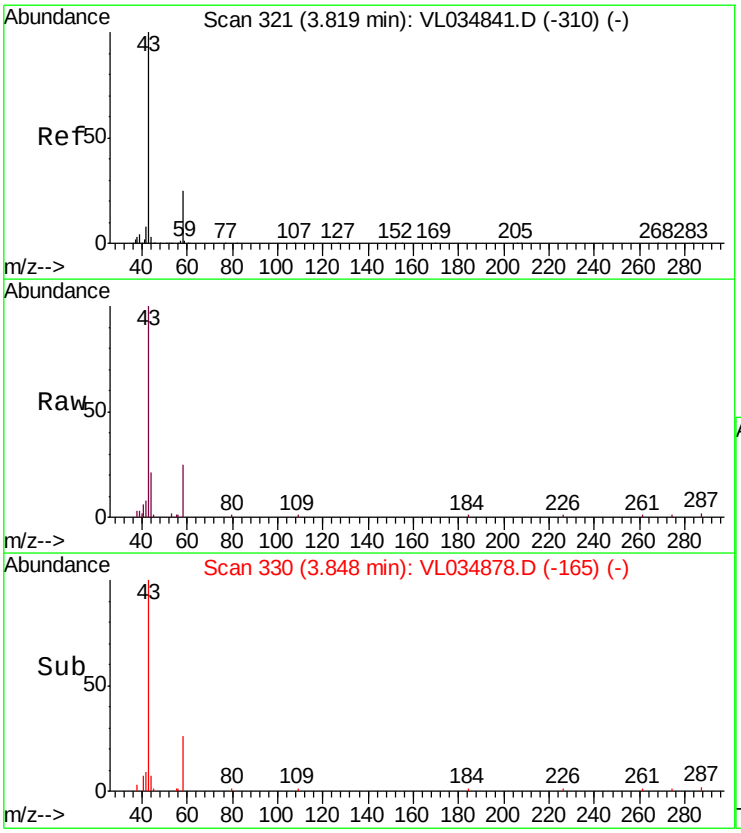
#14
Bromoethene
Concen: 0.085 ppbv
RT: 3.71 min Scan# 288
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:108 Resp: 3254

Ion	Ratio	Lower	Upper
108	100		
106	183.3	85.1	127.7#
79	35.2	14.7	22.1#

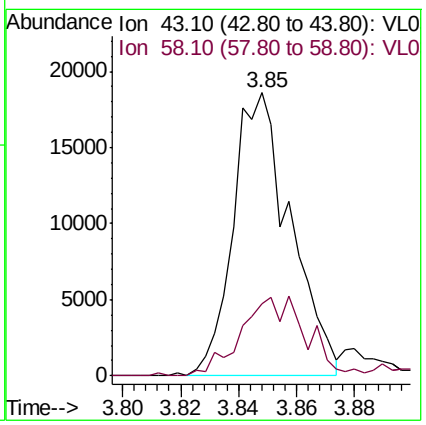


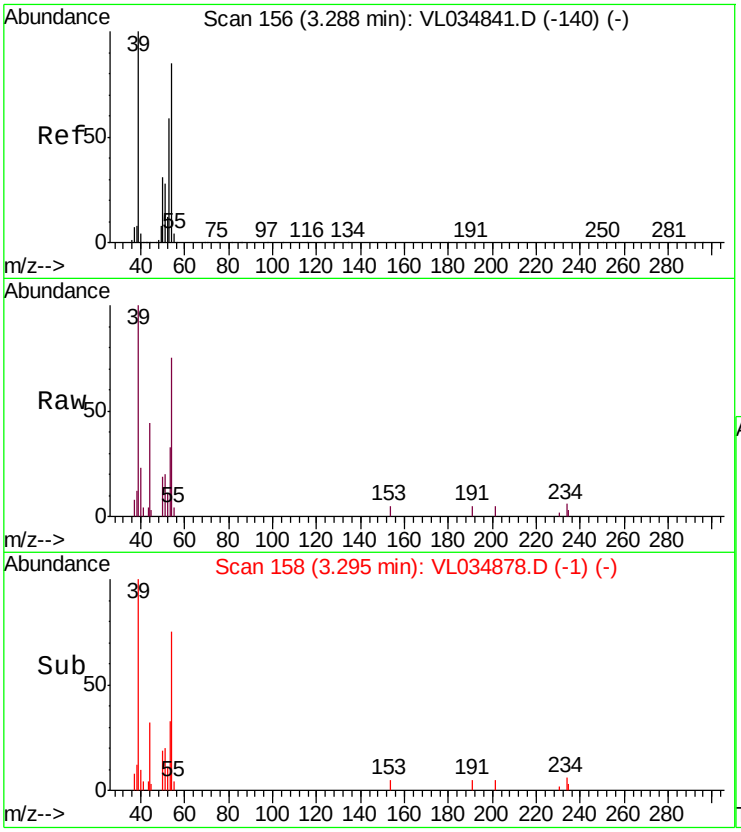


#15
Acetone
Concen: 0.225 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.03 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 43 Resp: 25444

Ion	Ratio	Lower	Upper
43	100		
58	33.9	21.0	31.6#



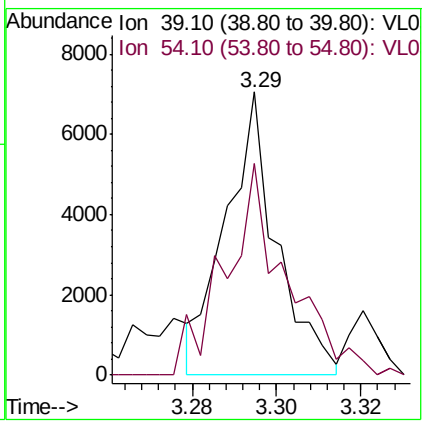


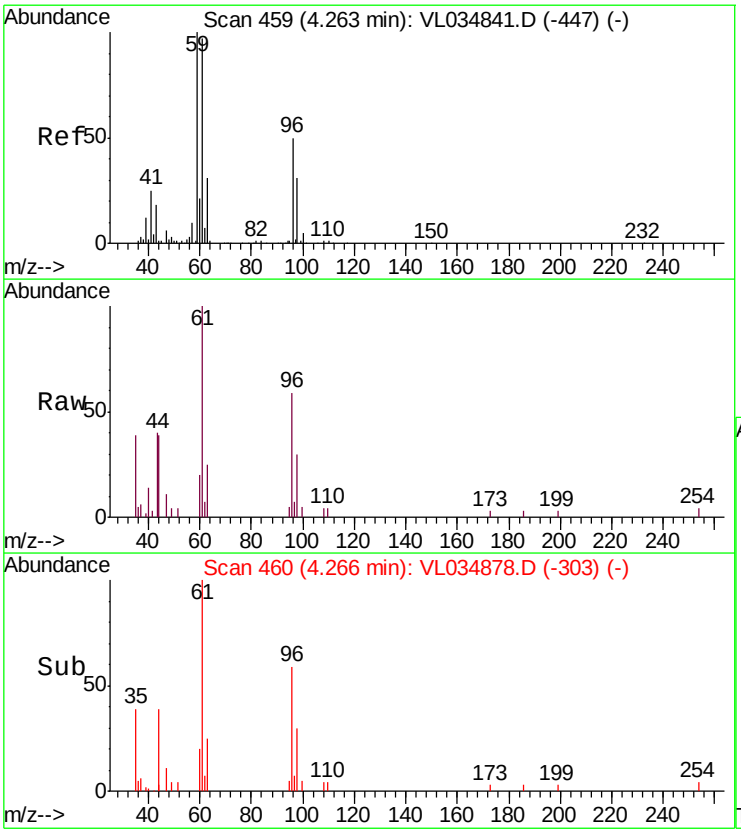
#16
1,3-Butadiene
Concen: 0.115 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 39 Resp: 5908

Ion	Ratio	Lower	Upper
39	100		
54	90.6	65.0	97.6

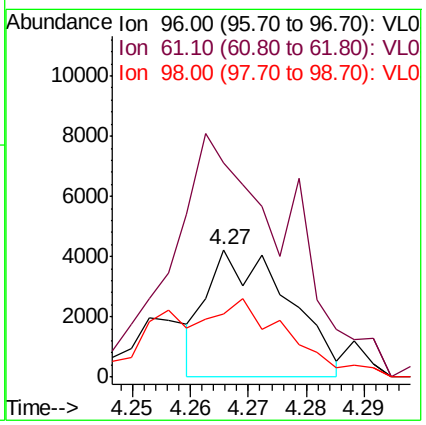


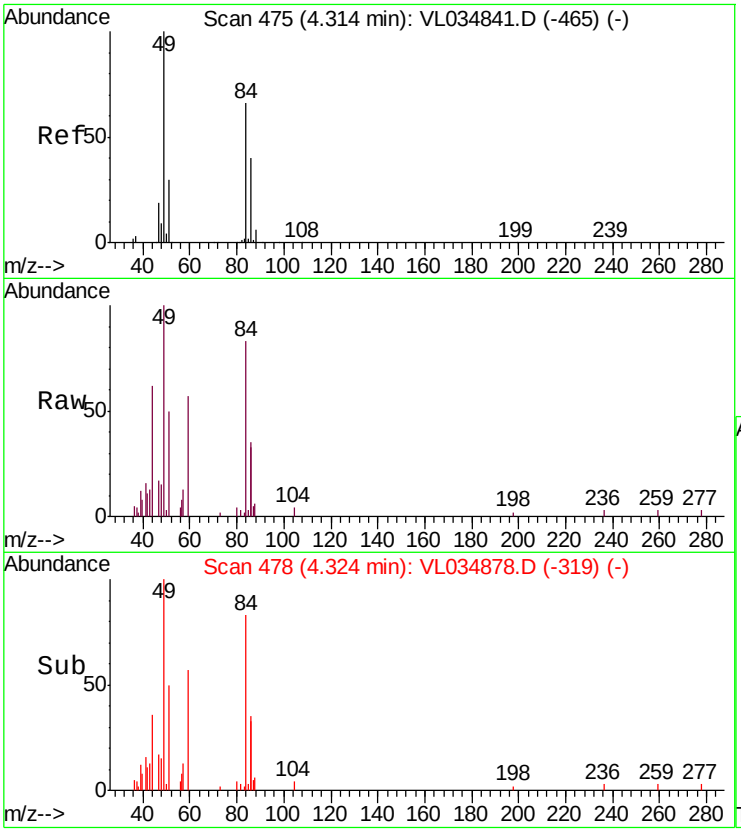


#18
1,1-Dichloroethene
Concen: 0.104 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 96 Resp: 4090

Ion	Ratio	Lower	Upper
96	100		
61	163.4	157.3	235.9
98	48.1	50.2	75.4#



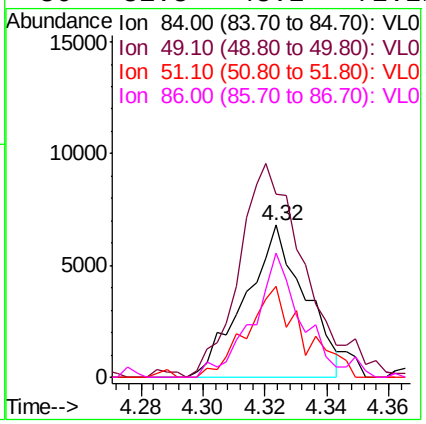


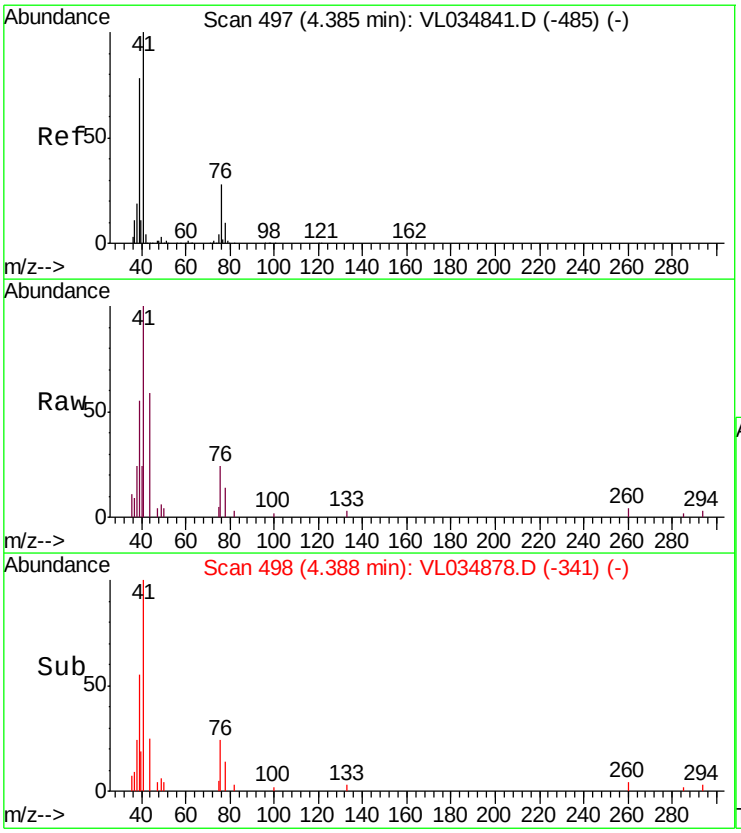
#20
Methylene Chloride
Concen: 0.254 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 84 Resp: 9093

Ion	Ratio	Lower	Upper
84	100		
49	120.5	121.5	182.3#
51	59.8	36.6	55.0#
86	81.8	48.2	72.2#

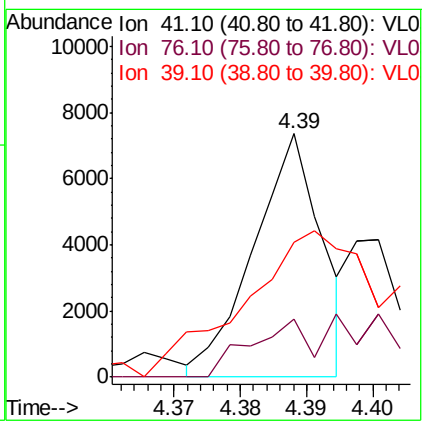


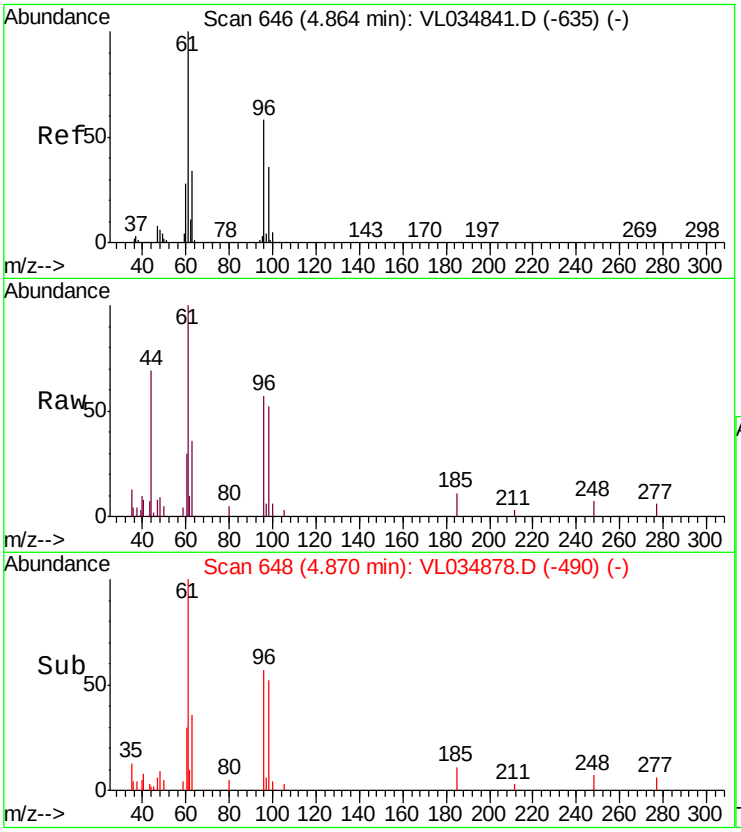


#21
Allyl Chloride
Concen: 0.072 ppbv
RT: 4.39 min Scan# 498
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 41 Resp: 5250

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.2	33.2#
39	139.4	62.6	93.8#



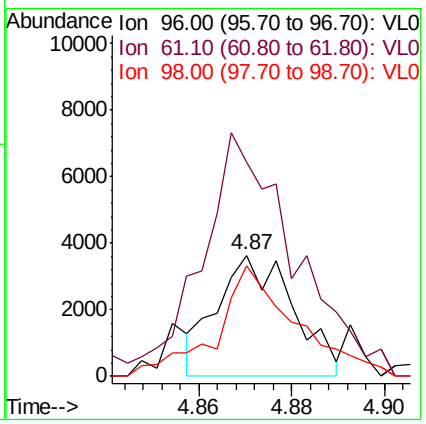


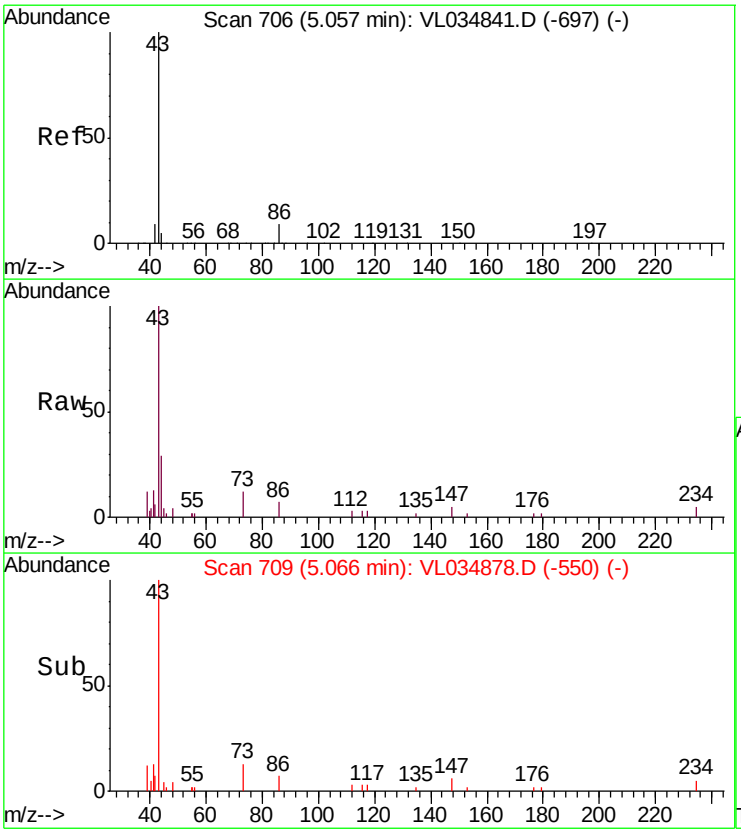
#22
trans-1,2-Dichloroethene
Concen: 0.104 ppbv
RT: 4.87 min Scan# 648
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 96 Resp: 4140

Ion	Ratio	Lower	Upper
96	100		
61	160.7	139.0	208.6
98	82.1	50.3	75.5#

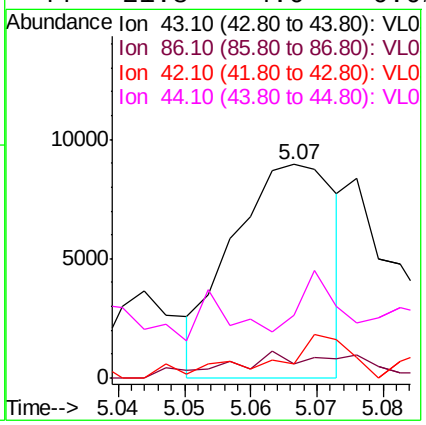


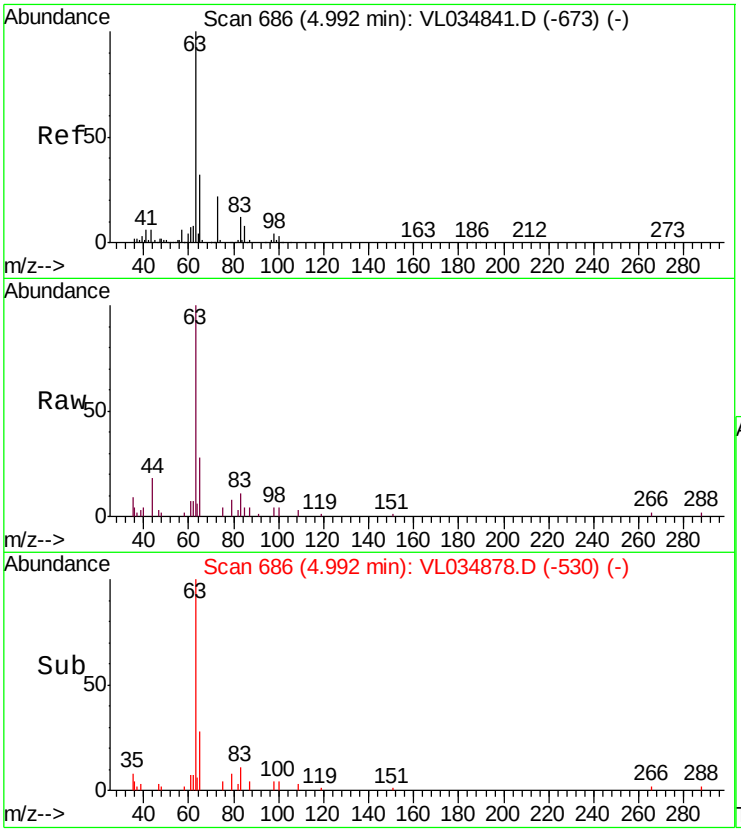


#23
Vinyl Acetate
Concen: 0.058 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 43 Resp: 9703

Ion	Ratio	Lower	Upper
43	100		
86	4.0	6.3	9.5#
42	6.1	7.8	11.8#
44	21.8	4.0	6.0#



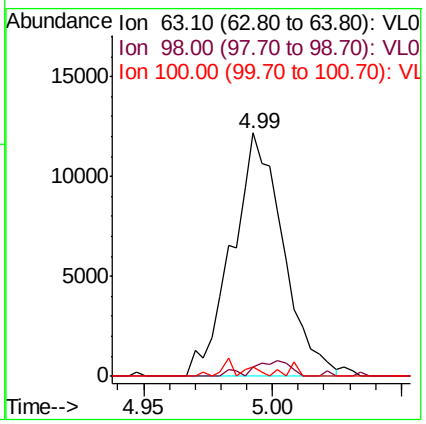


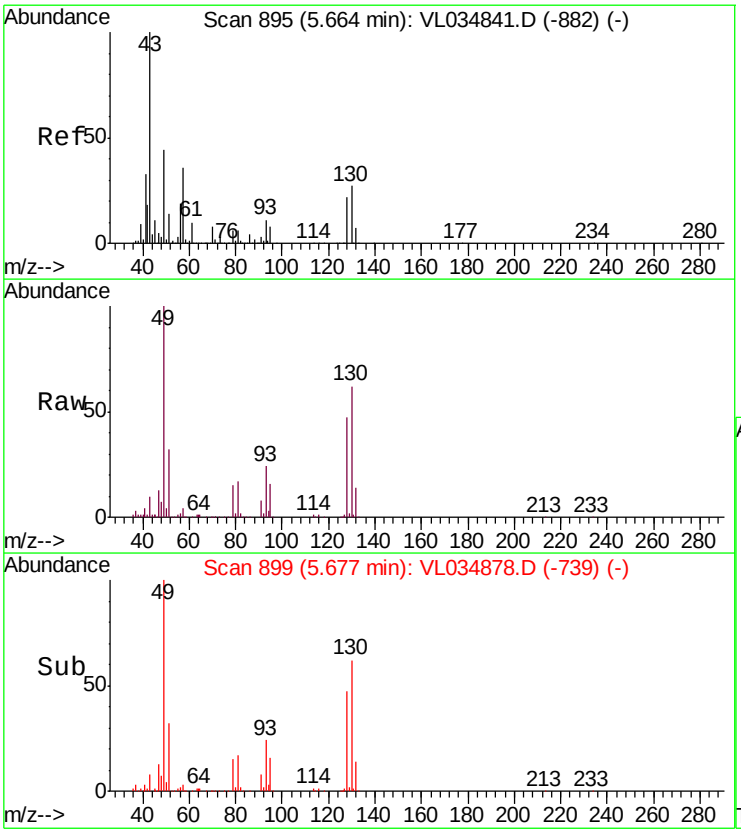
#24
1,1-Dichloroethane
Concen: 0.150 ppbv
RT: 4.99 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 63 Resp: 16854

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.0	5.8
100	3.9	1.4	4.0

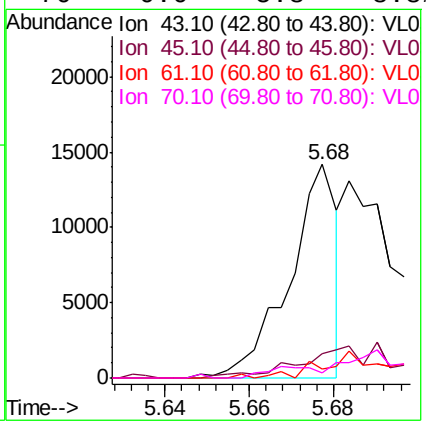


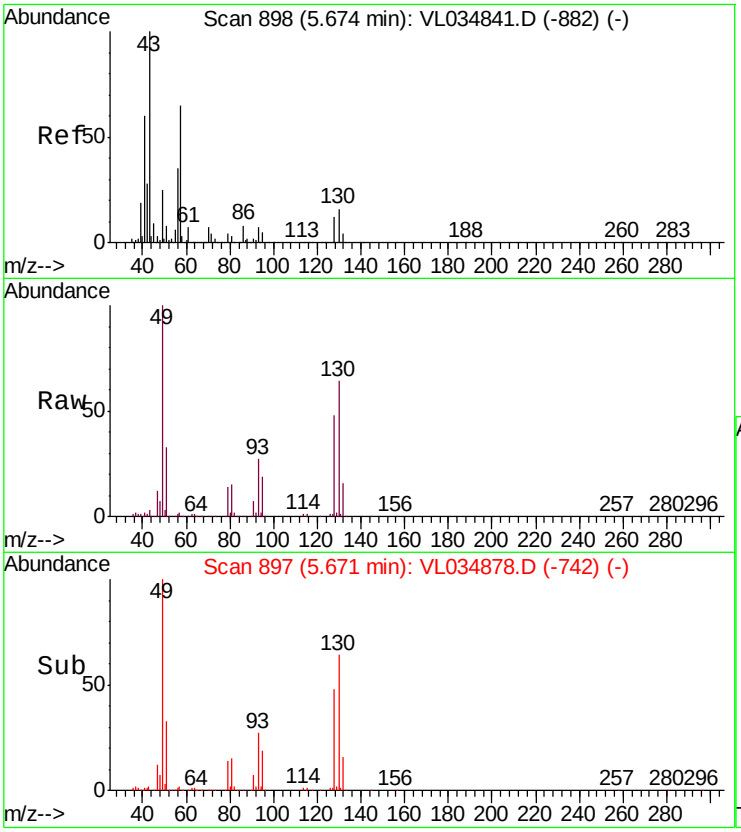


#25
Ethyl Acetate
Concen: 0.055 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 43 Resp: 11144

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.0	7.8	11.6#
70	0.0	5.8	8.8#



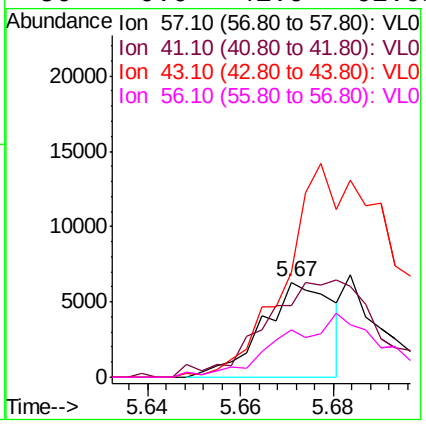


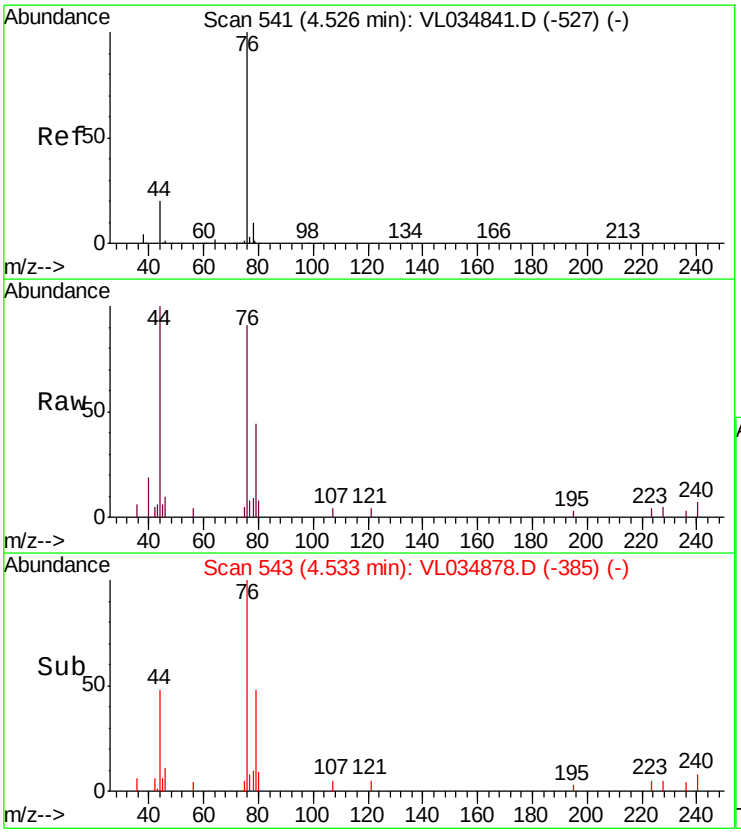
#26
Hexane
Concen: 0.076 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 57 Resp: 6576

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.6	109.0#
43	0.0	183.8	275.6#
56	0.0	41.9	62.9#

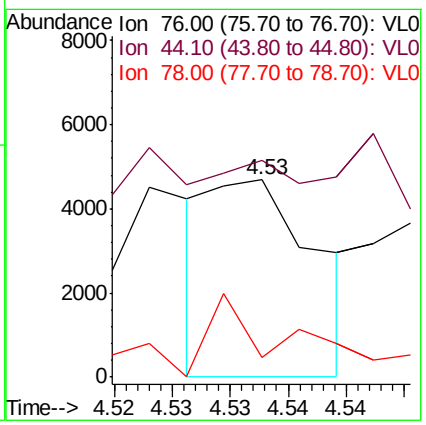


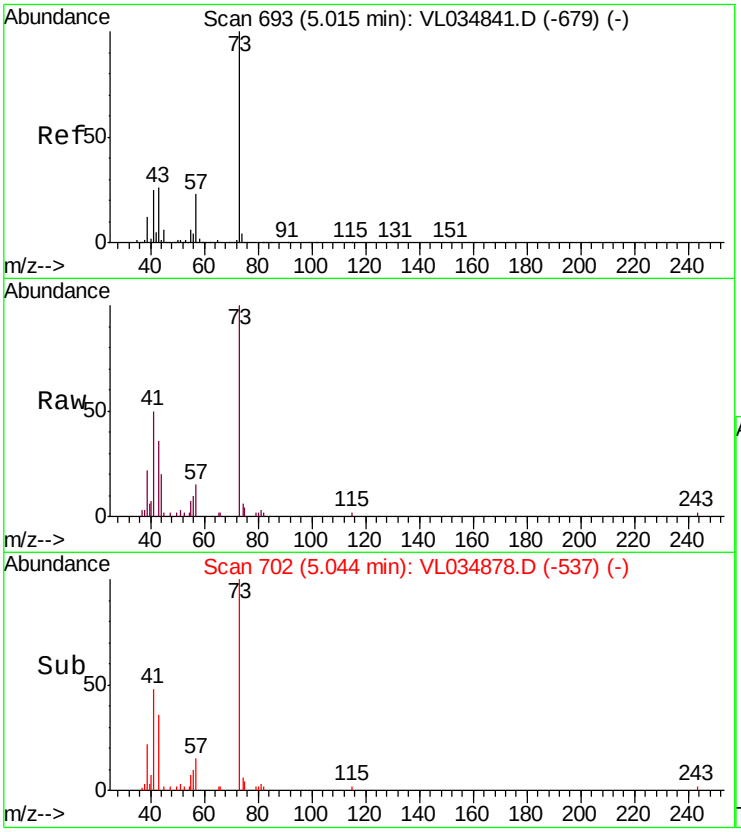


#27
Carbon Disulfide
Concen: 0.030 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 76 Resp: 2944

Ion	Ratio	Lower	Upper
76	100		
44	0.0	16.2	24.2#
78	49.4	7.8	11.6#



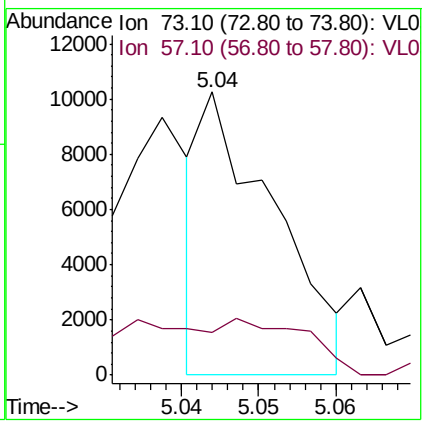


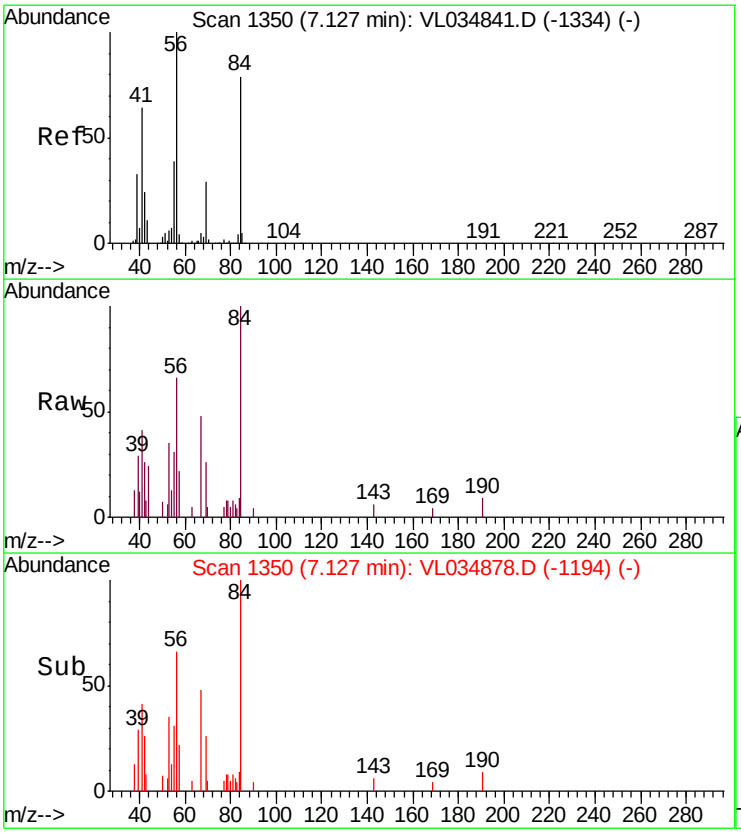
#28
Methyl tert-Butyl Ether
Concen: 0.047 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.03 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 73 Resp: 6821

Ion	Ratio	Lower	Upper
73	100		
57	56.6	18.3	27.5#

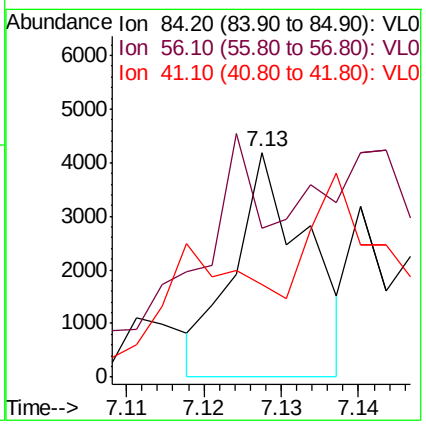


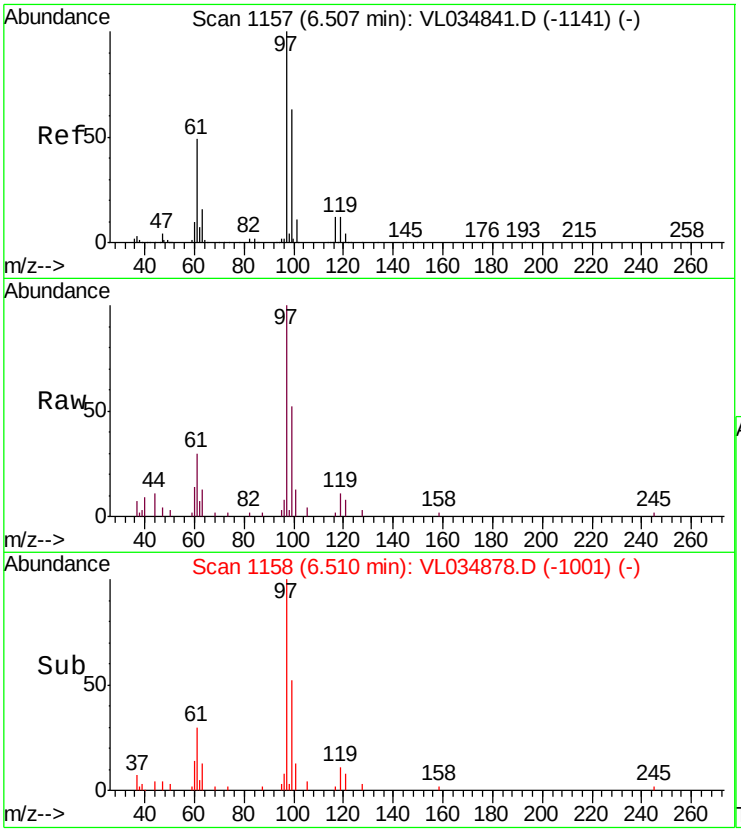


#30
Cyclohexane
Concen: 0.038 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 84 Resp: 2755

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	0.0	68.2	102.4#



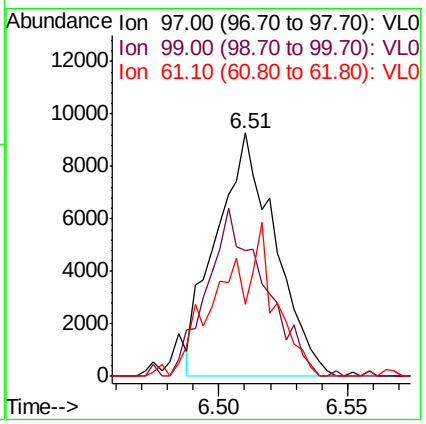


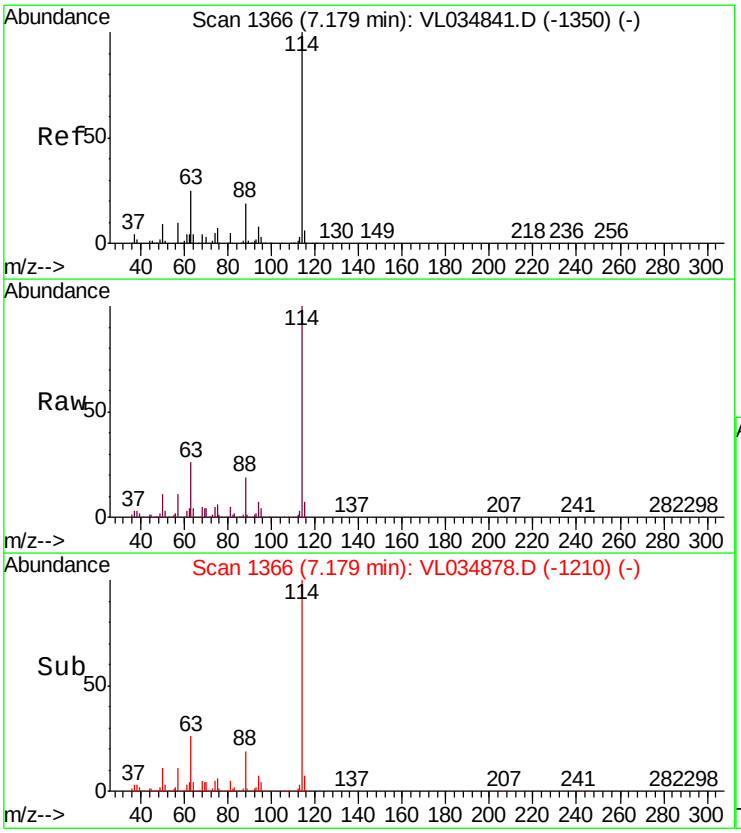
#32
1,1,1-Trichloroethane
Concen: 0.115 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 97 Resp: 14820

Ion	Ratio	Lower	Upper
97	100		
99	67.5	51.1	76.7
61	57.0	39.7	59.5

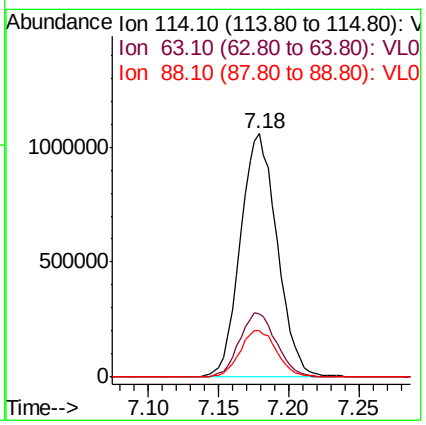


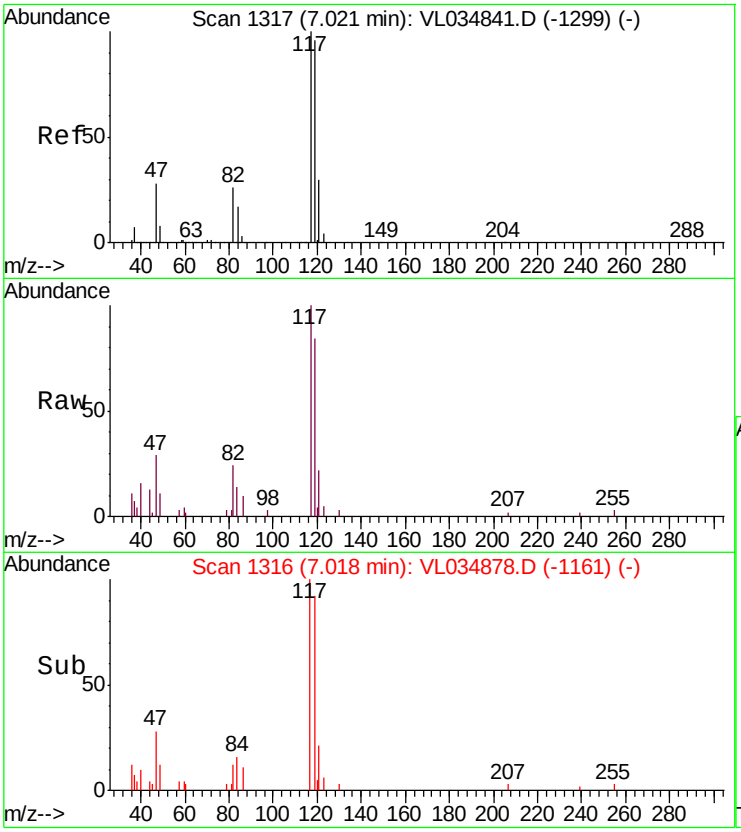


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:114 Resp: 1935932

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.6	31.0
88	19.3	15.0	22.6



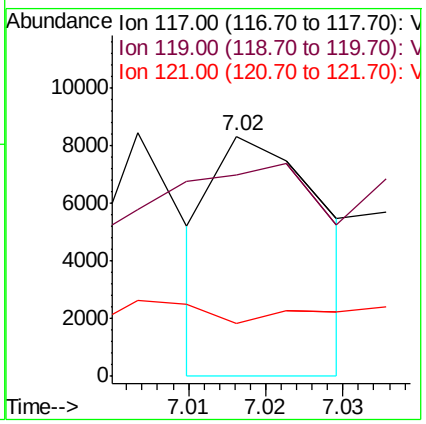


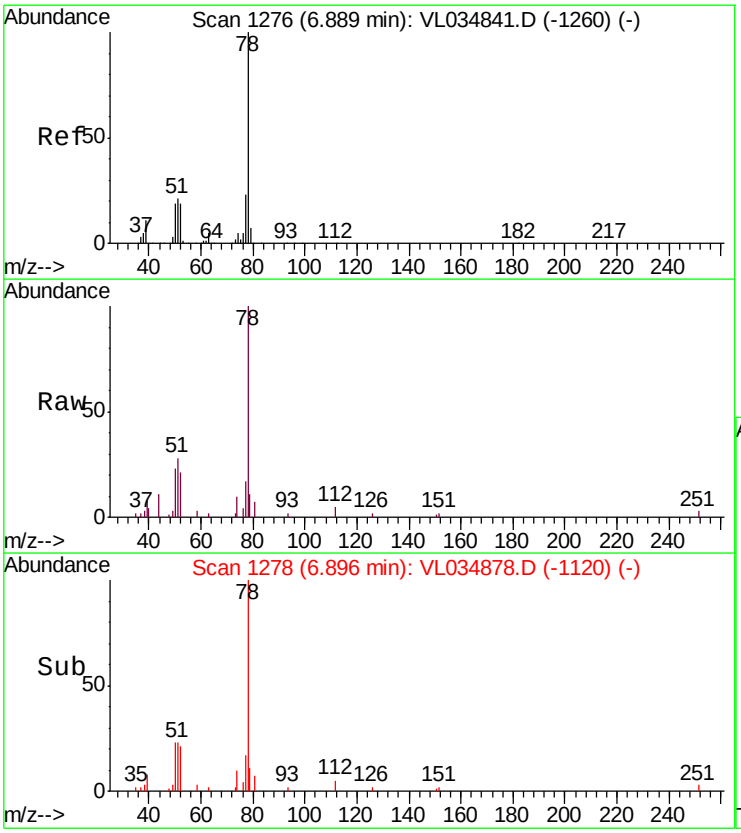
#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:117 Resp: 4115

Ion	Ratio	Lower	Upper
117	100		
119	55.3	77.0	115.4#
121	0.0	24.0	36.0#

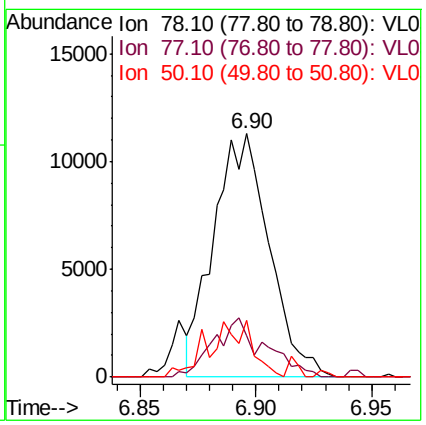


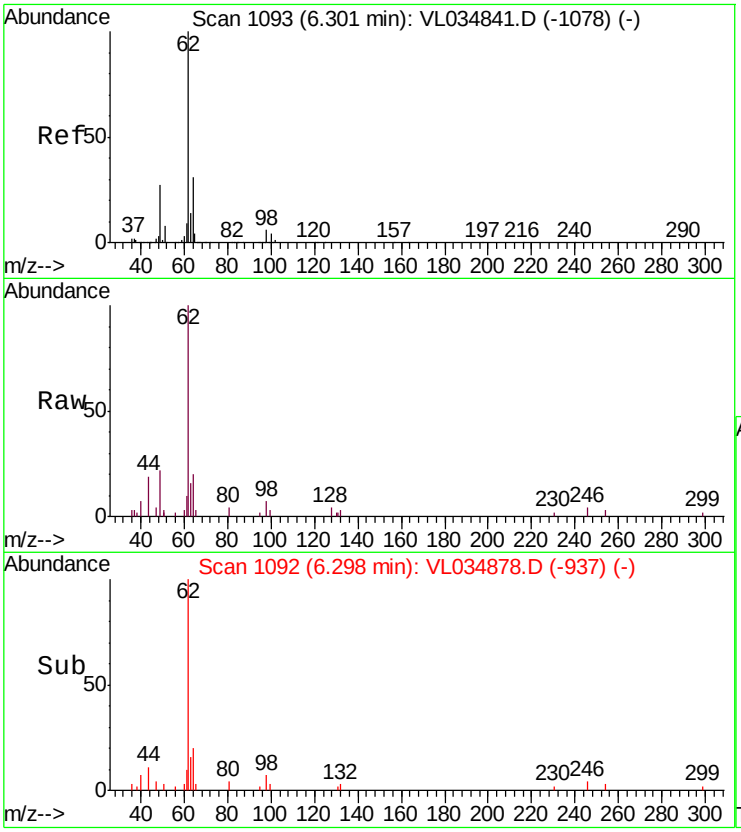


#36
Benzene
Concen: 0.109 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 78 Resp: 18793

Ion	Ratio	Lower	Upper
78	100		
77	17.1	18.2	27.2#
50	23.4	15.2	22.8#



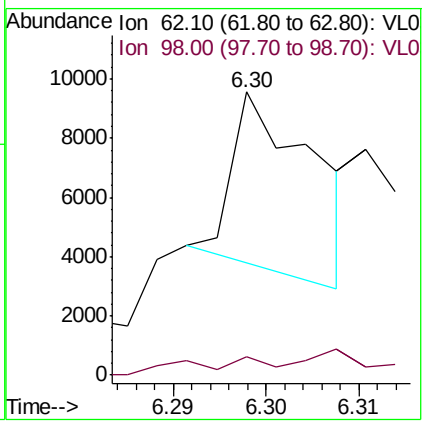


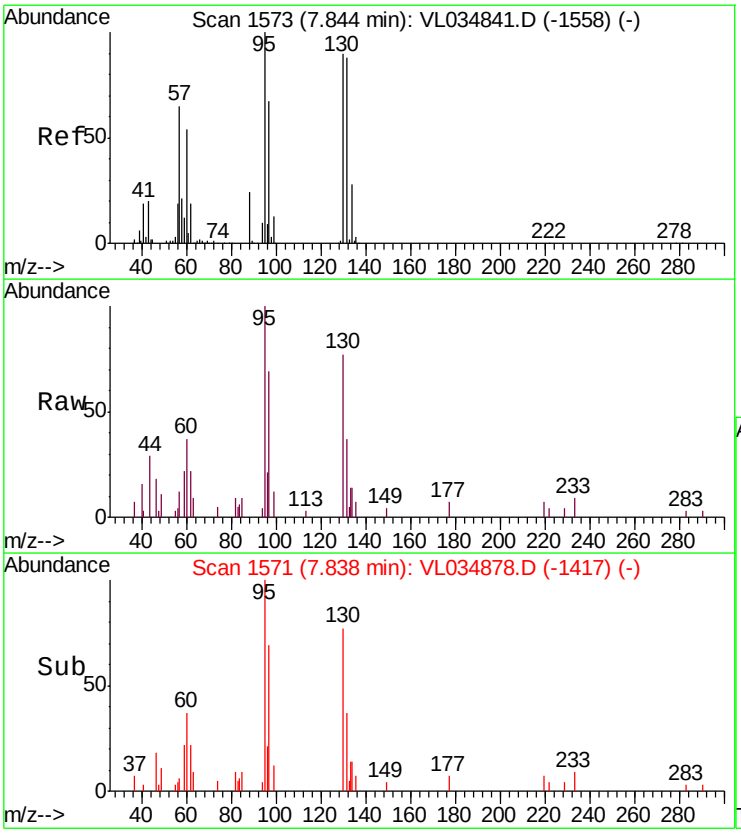
#37
1,2-Dichloroethane
Concen: 0.036 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 62 Resp: 3532

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.2	7.8#

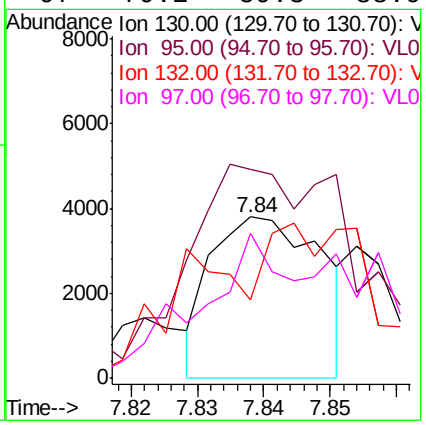


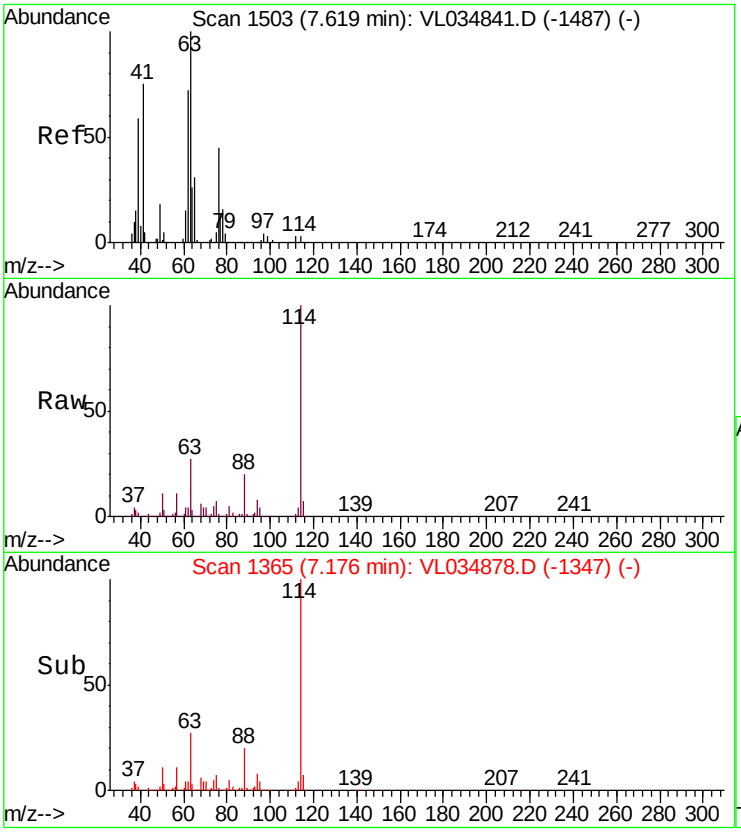


#38
Trichloroethene
Concen: 0.067 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:130 Resp: 4395

Ion	Ratio	Lower	Upper
130	100		
95	80.3	88.5	132.7#
132	0.0	78.0	117.0#
97	79.2	59.3	88.9



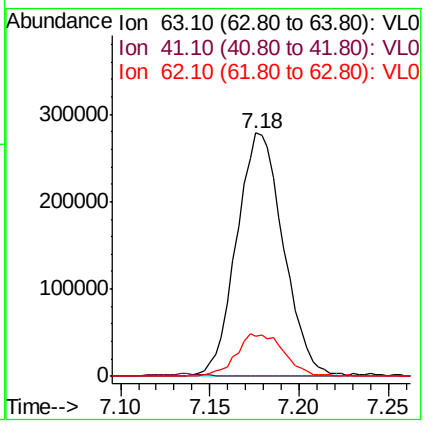


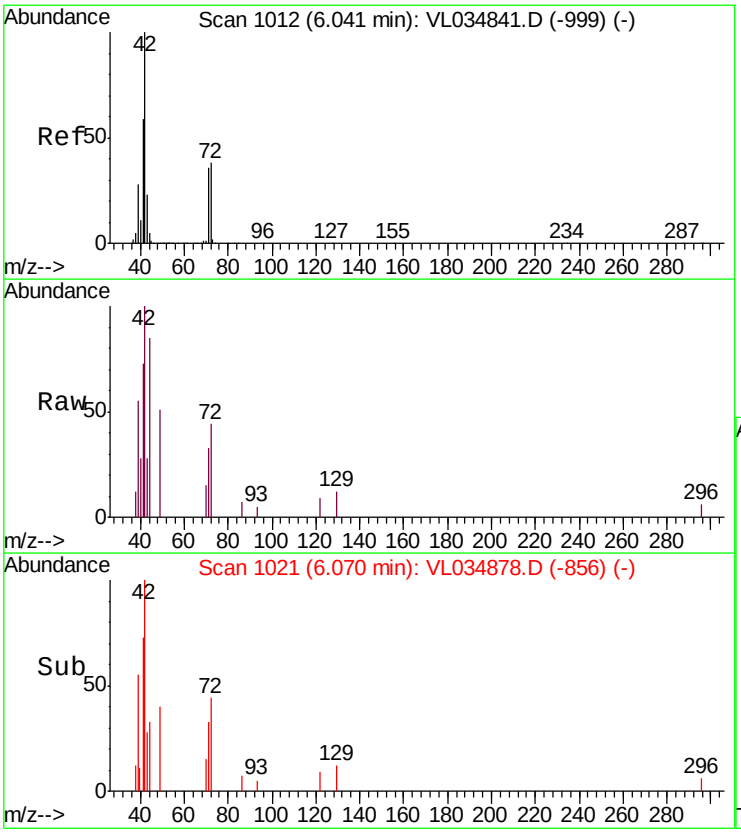
#39
1,2-Dichloropropane
Concen: 7.430 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.44 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 63 Resp: 507986

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	16.3	57.6	86.4#

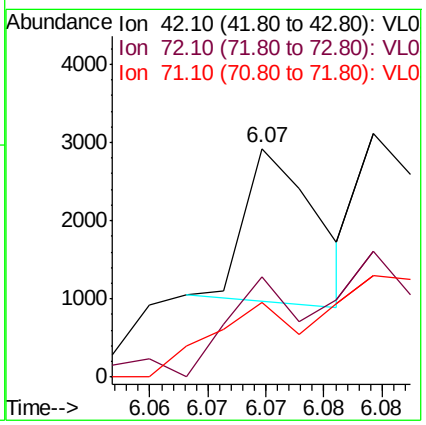


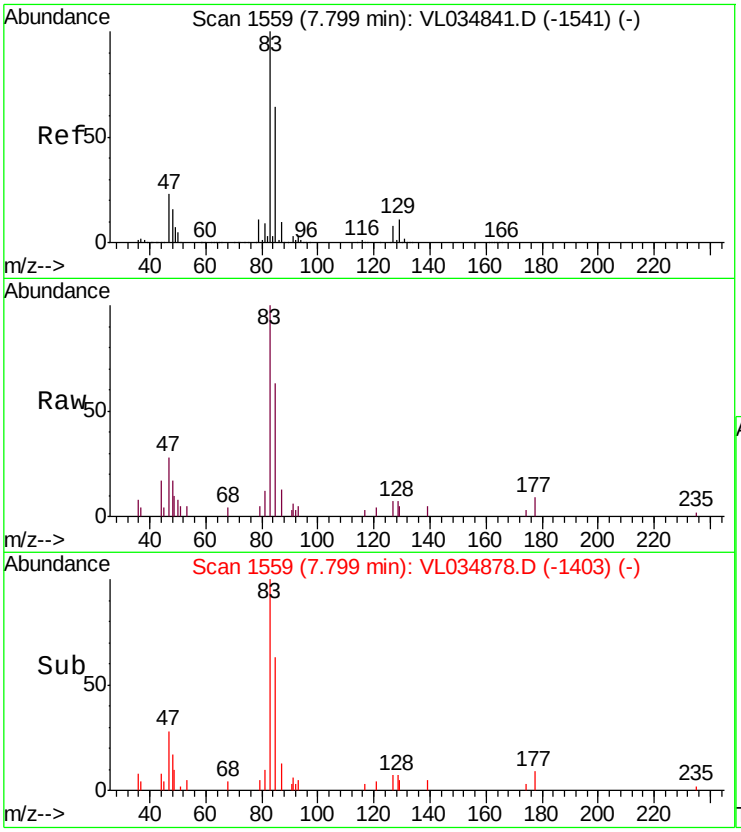


#41
Tetrahydrofuran
Concen: 0.012 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.03 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 42 Resp: 822

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.8	46.2#
71	0.0	30.1	45.1#



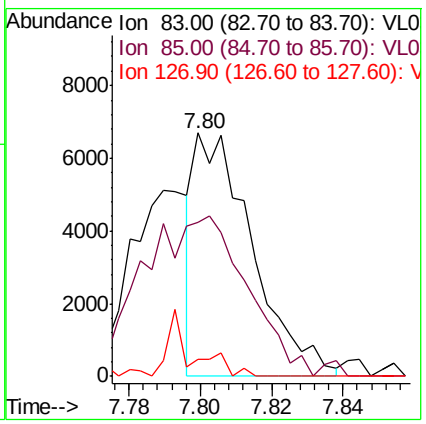


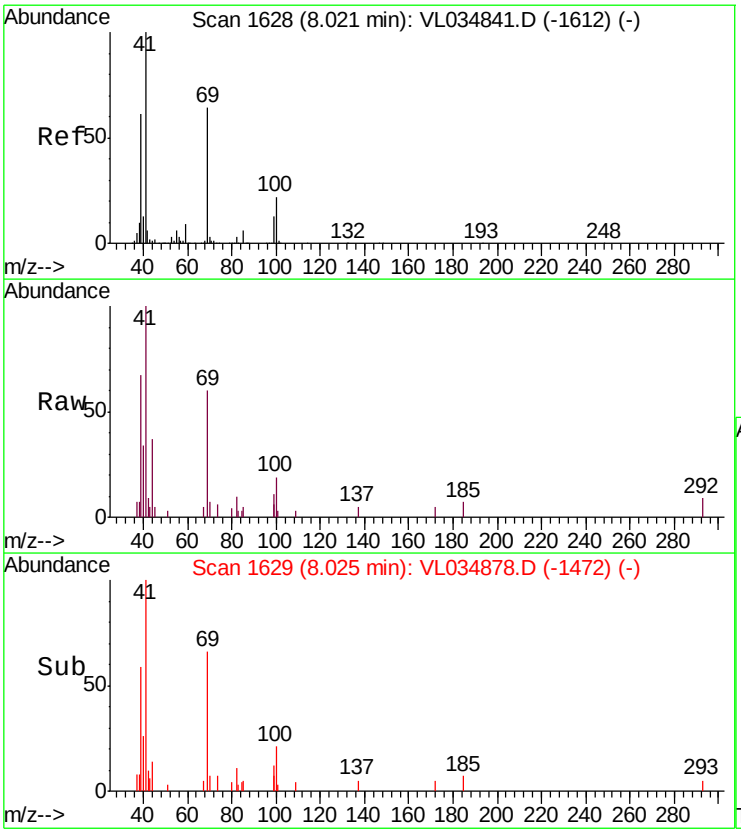
#42
Bromodichloromethane
Concen: 0.057 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 83 Resp: 7522

Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.4	77.2
127	7.1	6.2	9.4

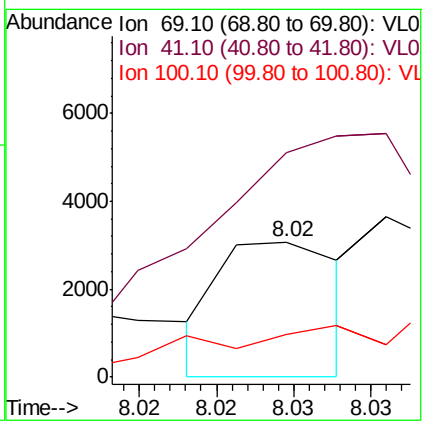


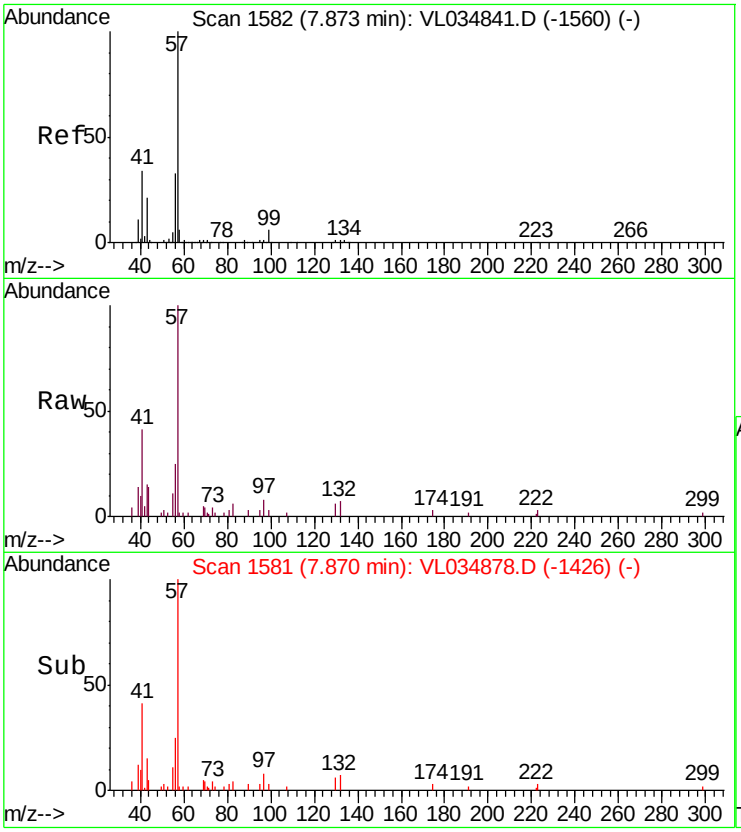


#43
Methyl Methacrylate
Concen: 0.023 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 69 Resp: 1685

Ion	Ratio	Lower	Upper
69	100		
41	0.0	123.2	184.8#
100	0.0	26.9	40.3#



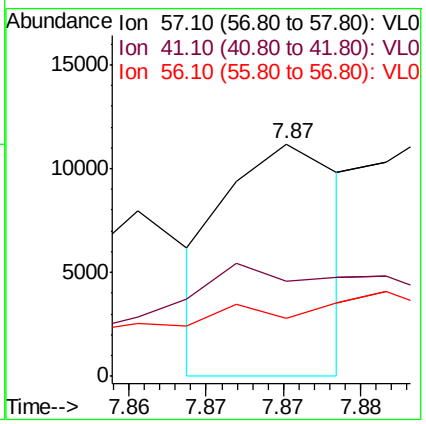


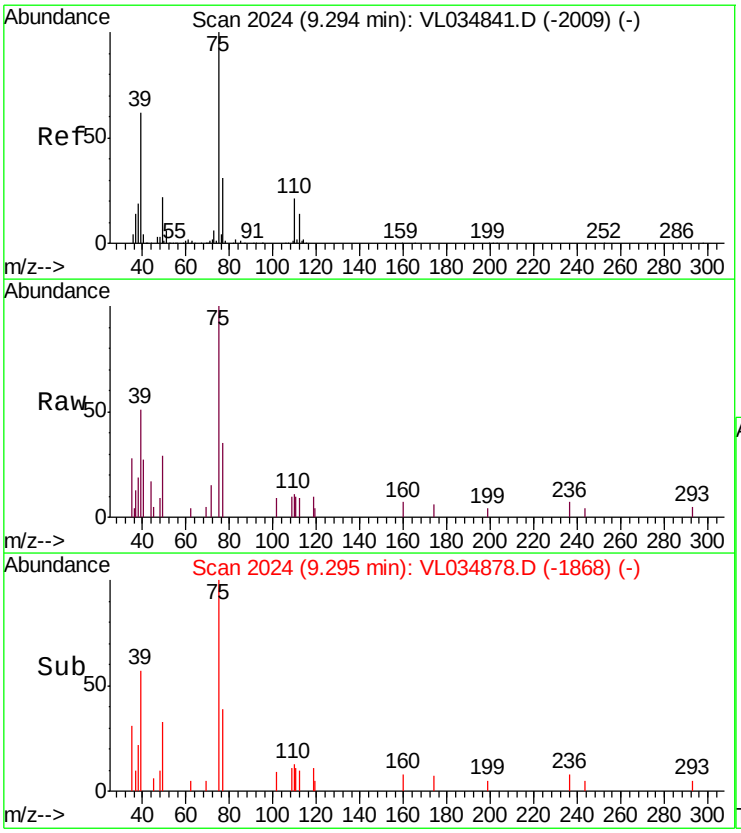
#44
2,2,4-Trimethylpentane
Concen: 0.020 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 57 Resp: 5862

Ion	Ratio	Lower	Upper
57	100		
41	188.5	26.2	39.4#
56	0.0	25.0	37.4#

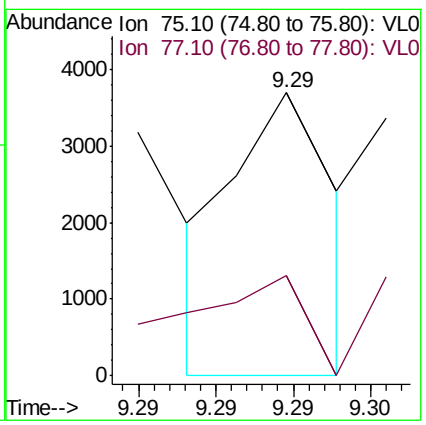


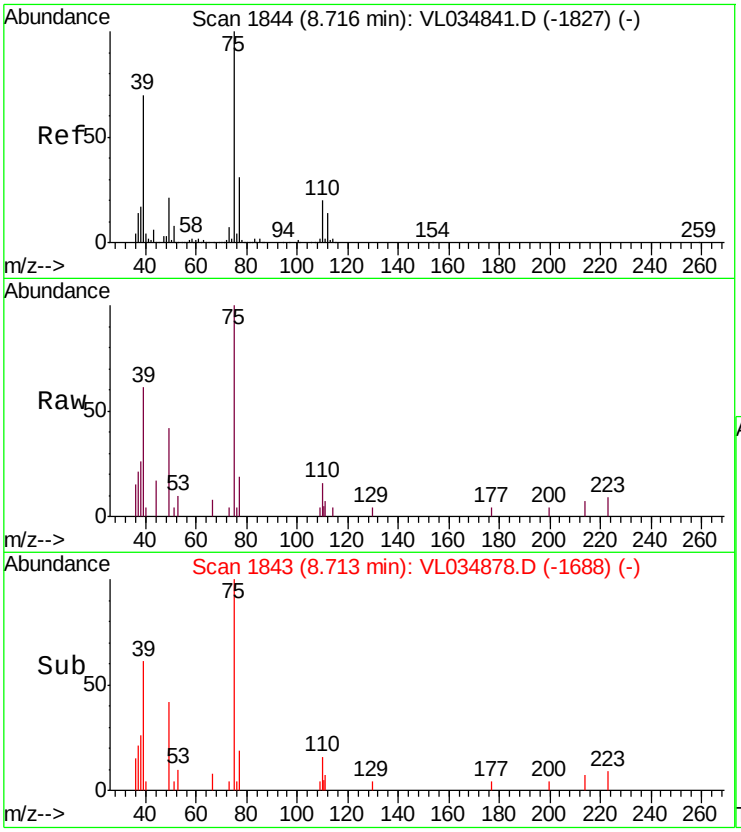


#45
t-1,3-Dichloropropene
Concen: 0.020 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 75 Resp: 1679

Ion	Ratio	Lower	Upper
75	100		
77	35.4	24.6	37.0



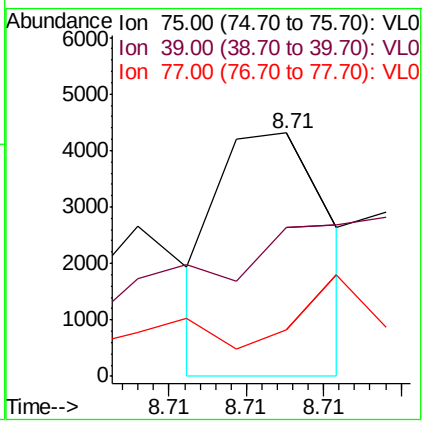


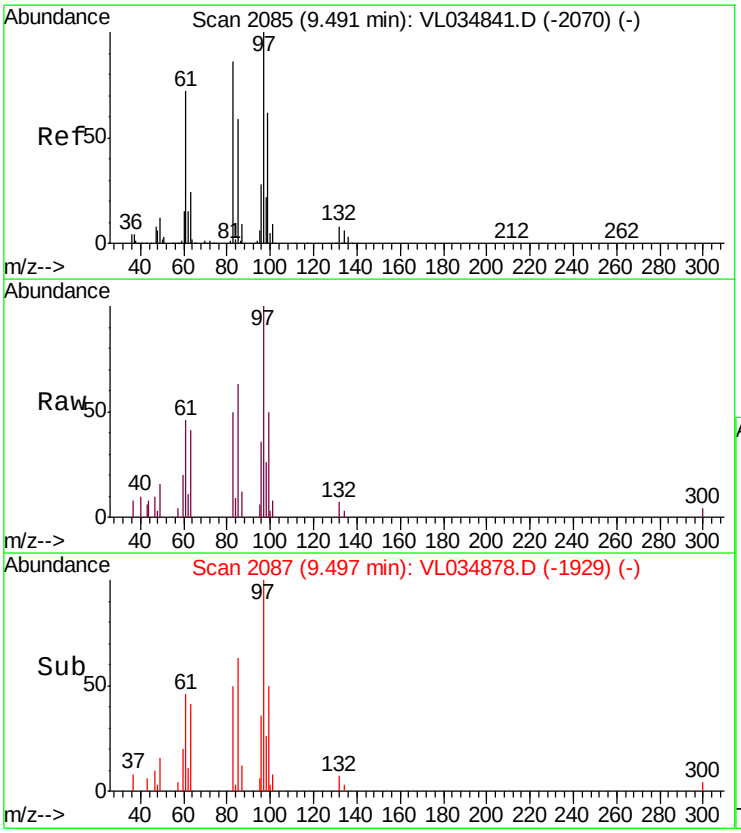
#46
cis-1,3-Dichloropropene
Concen: 0.021 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 75 Resp: 2152

Ion	Ratio	Lower	Upper
75	100		
39	27.9	55.7	83.5#
77	0.0	24.7	37.1#

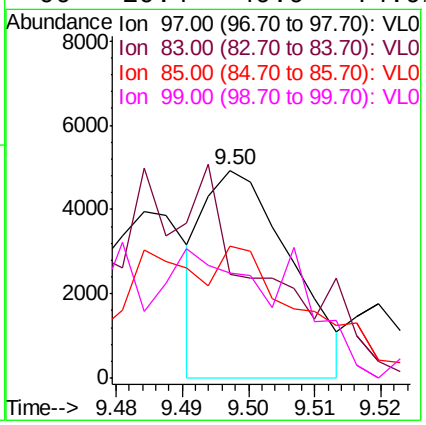


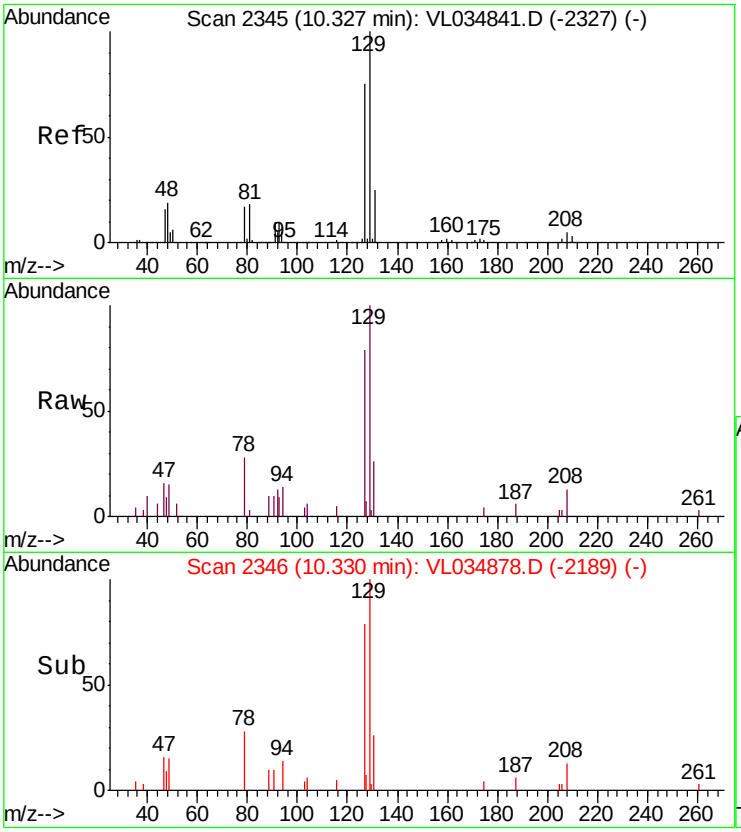


#47
1,1,2-Trichloroethane
Concen: 0.064 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. 0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 97 Resp: 4477

Ion	Ratio	Lower	Upper
97	100		
83	13.7	68.6	102.8#
85	49.2	46.9	70.3
99	29.4	49.9	74.9#



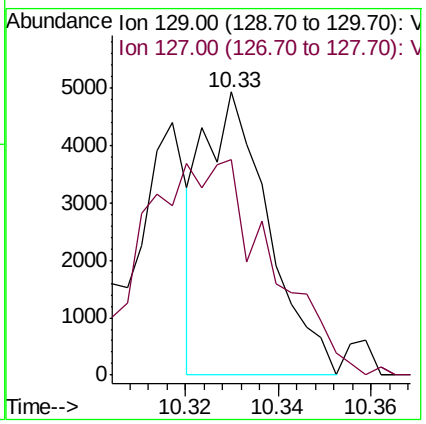


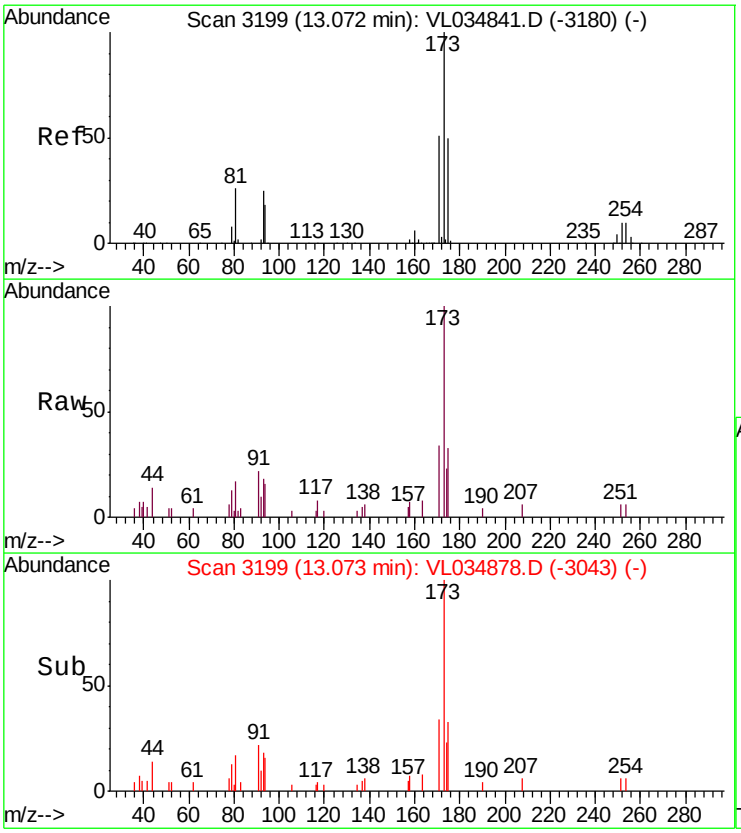
#48
Dibromochloromethane
Concen: 0.042 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:129 Resp: 4810

Ion	Ratio	Lower	Upper
129	100		
127	156.5	39.6	118.7#

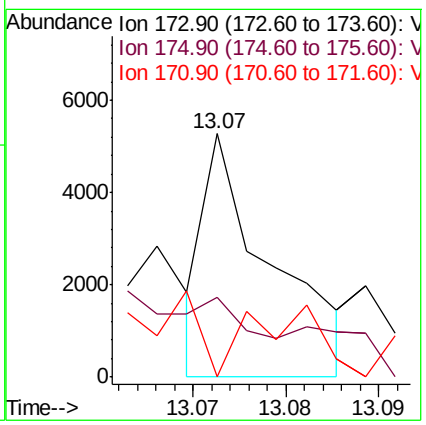


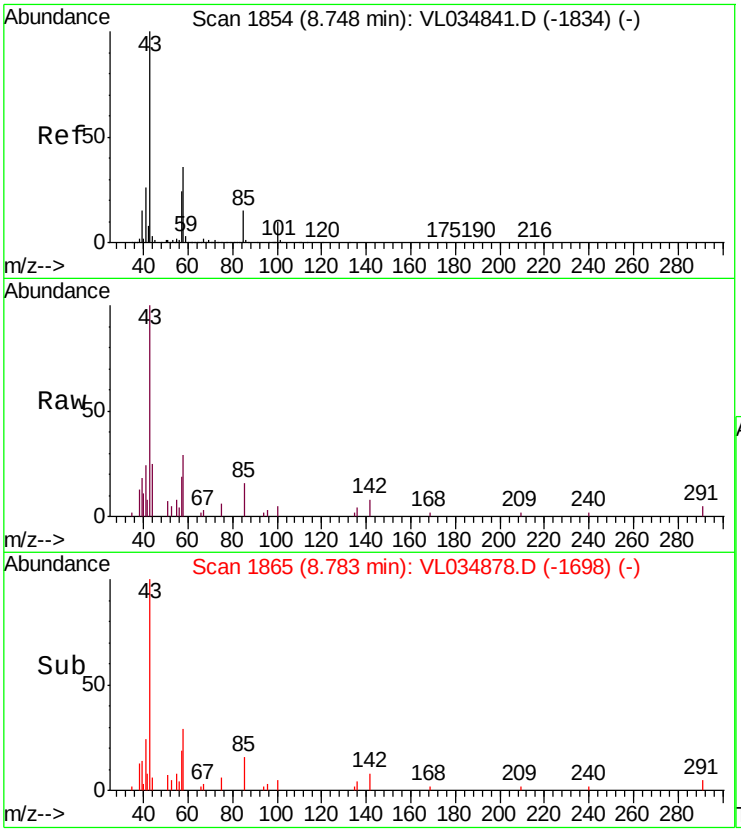


#49
Bromoform
Concen: 0.026 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:173 Resp: 2673

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.6	59.4#
171	0.0	41.0	61.6#



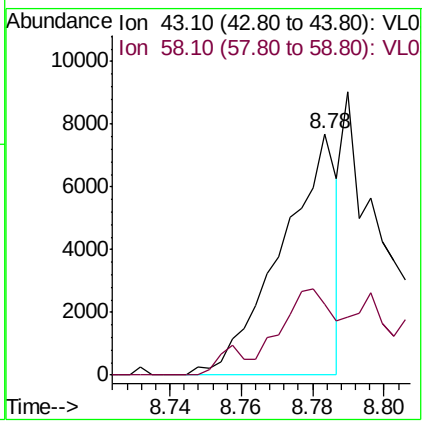


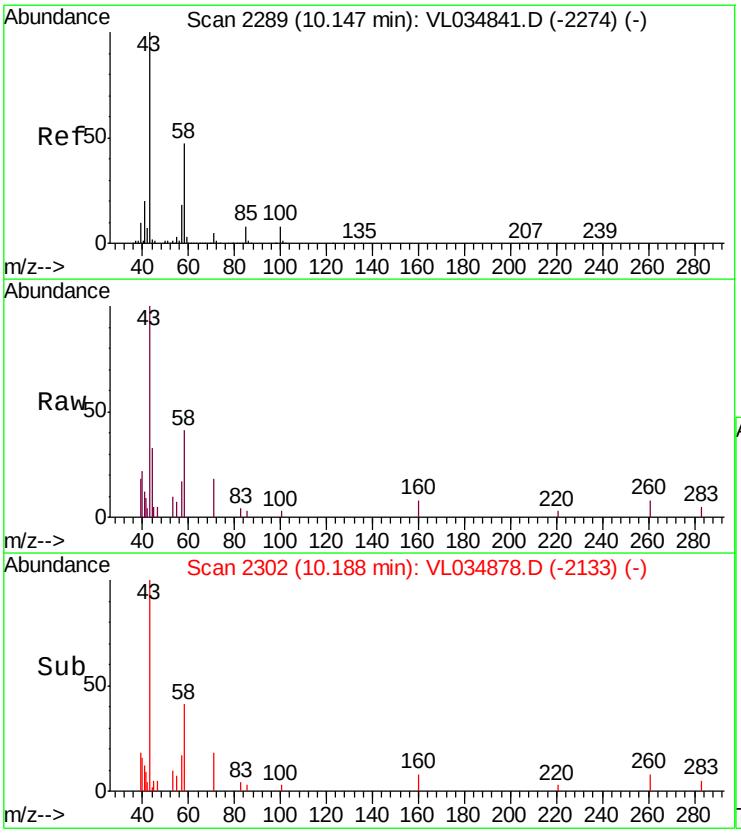
#50
4-Methyl-2-Pentanone
Concen: 0.045 ppbv
RT: 8.78 min Scan# 1865
Delta R.T. 0.04 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 43 Resp: 8306

Ion	Ratio	Lower	Upper
43	100		
58	68.3	28.6	42.8#

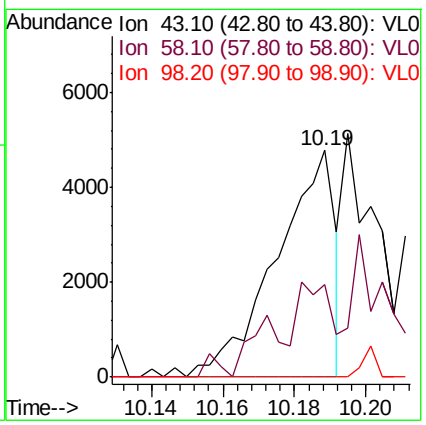


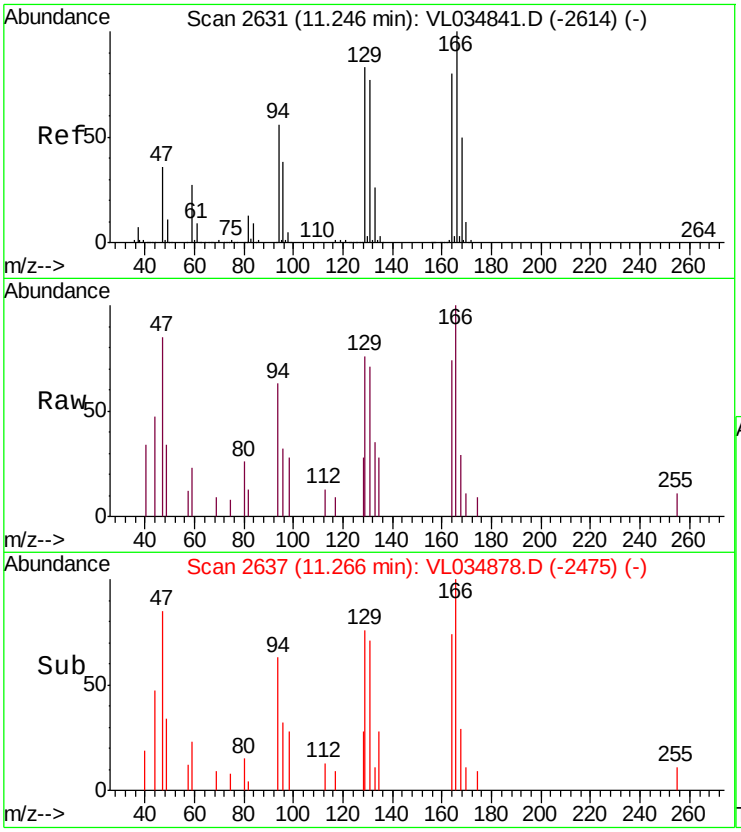


#51
2-Hexanone
Concen: 0.036 ppbv
RT: 10.19 min Scan# 2302
Delta R.T. 0.04 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 43 Resp: 5410

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	58.0#
98	2.5	0.1	0.1#



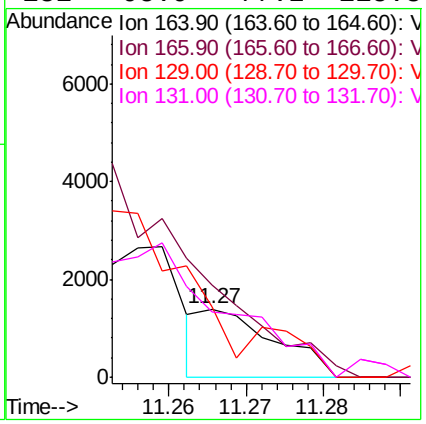


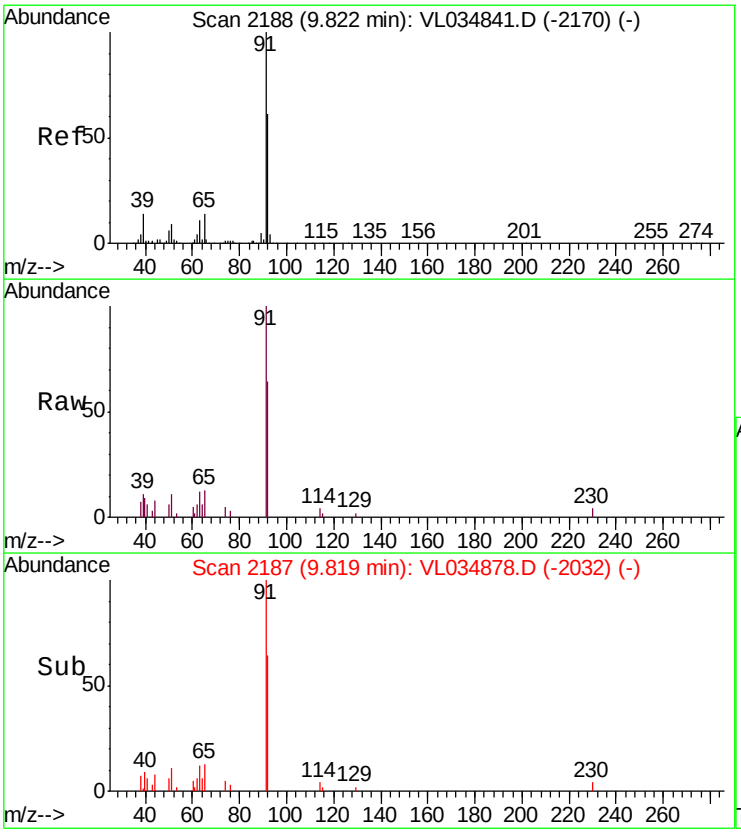
#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 11.27 min Scan# 2637
Delta R.T. 0.02 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:164 Resp: 912

Ion	Ratio	Lower	Upper
164	100		
166	118.9	100.0	150.0
129	102.8	83.1	124.7
131	95.9	77.2	115.8

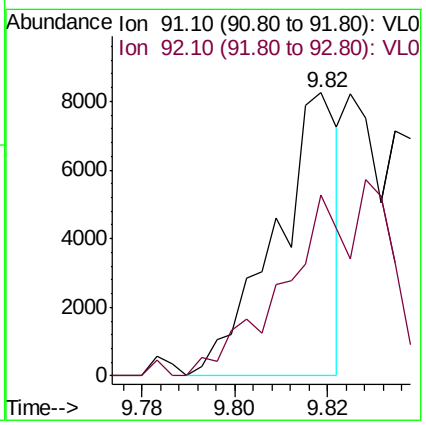


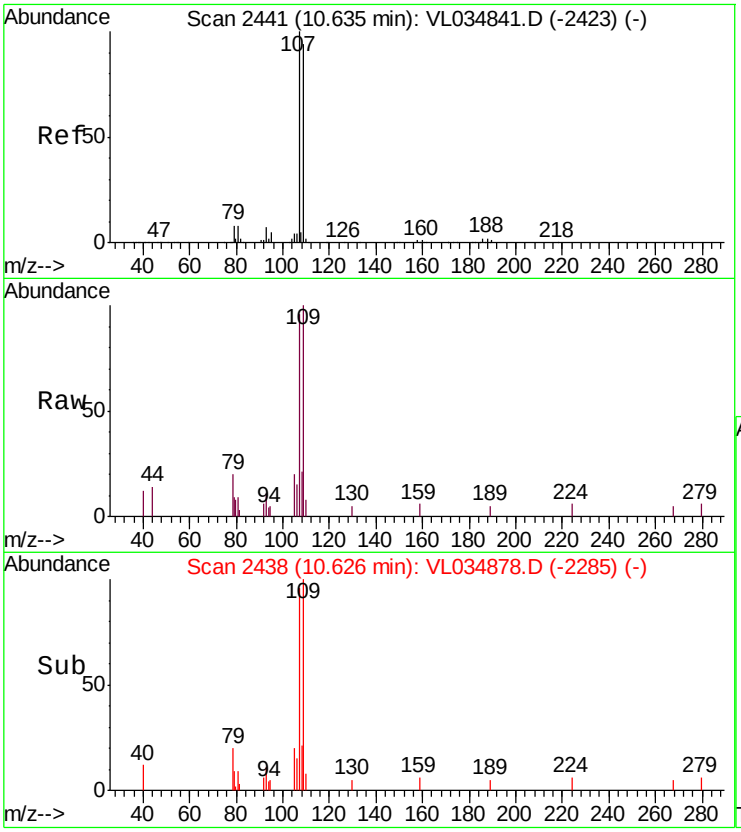


#53
Toluene
Concen: 0.039 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 91 Resp: 7749

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.6	72.8#



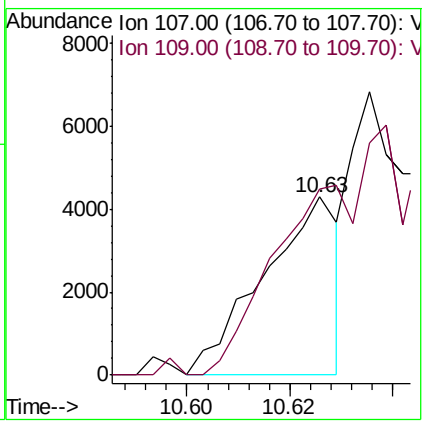


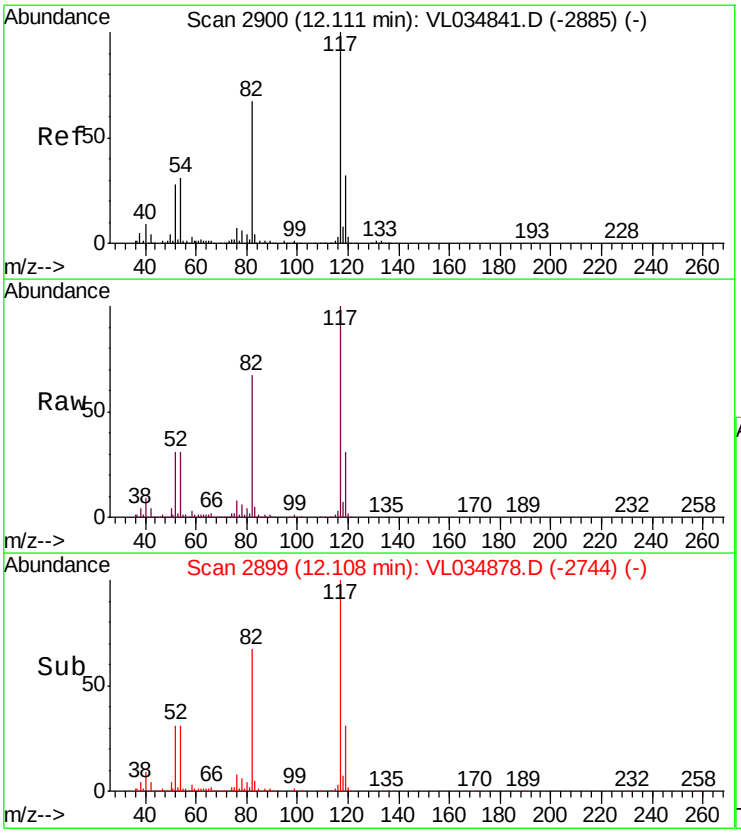
#54
1,2-Dibromoethane
Concen: 0.041 ppbv
RT: 10.63 min Scan# 2438
Delta R.T. -0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:107 Resp: 4302

Ion	Ratio	Lower	Upper
107	100		
109	104.2	74.9	112.3

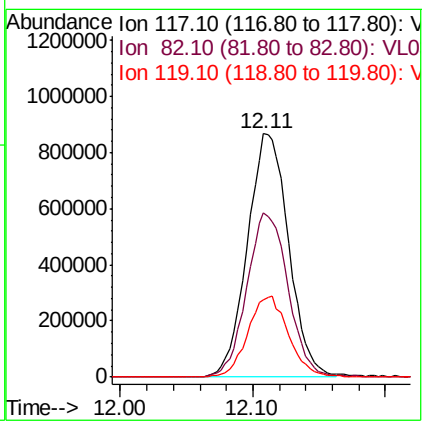


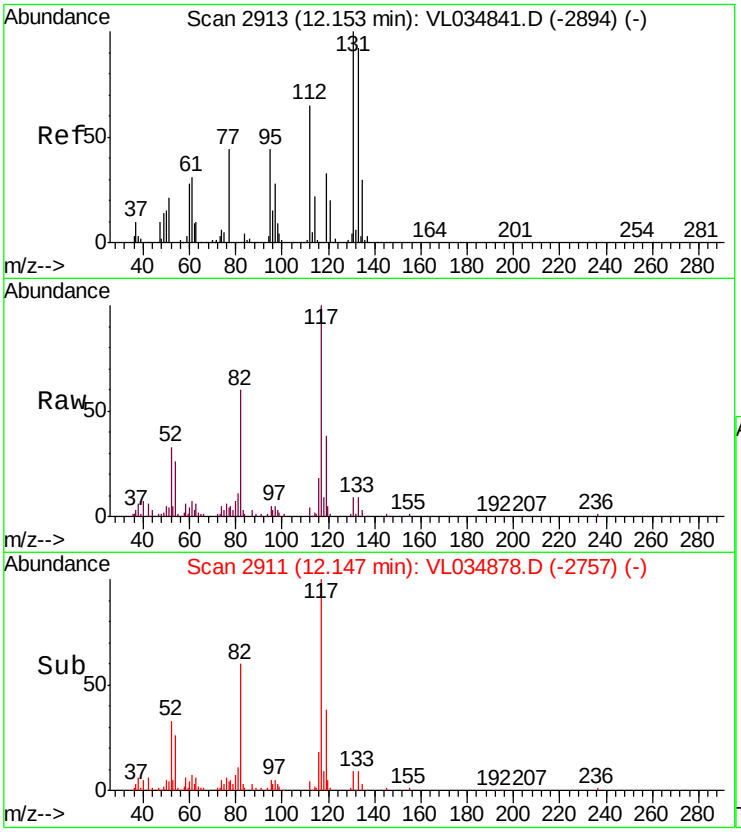


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:117 Resp: 1878518

Ion	Ratio	Lower	Upper
117	100		
82	67.6	51.1	76.7
119	32.8	27.3	40.9



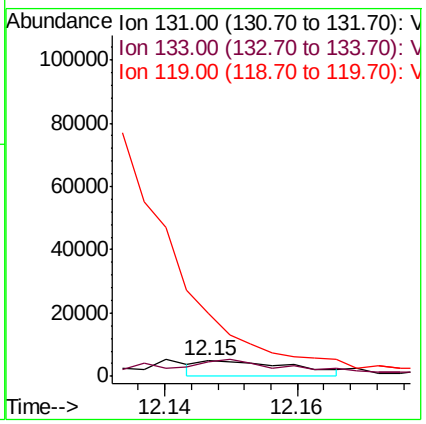


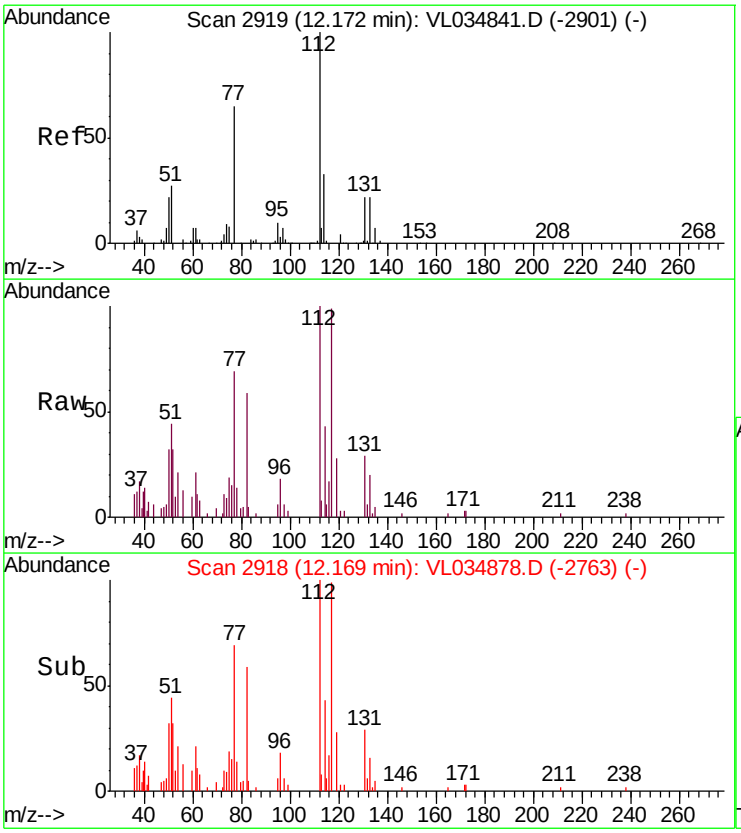
#56
1,1,1,2-Tetrachloroethane
Concen: 0.058 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:131 Resp: 4919

Ion	Ratio	Lower	Upper
131	100		
133	194.2	76.0	114.0#
119	0.0	47.8	71.8#

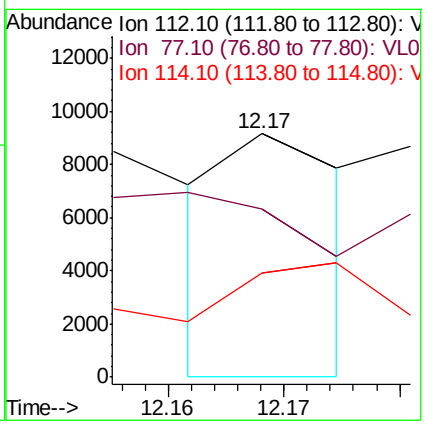


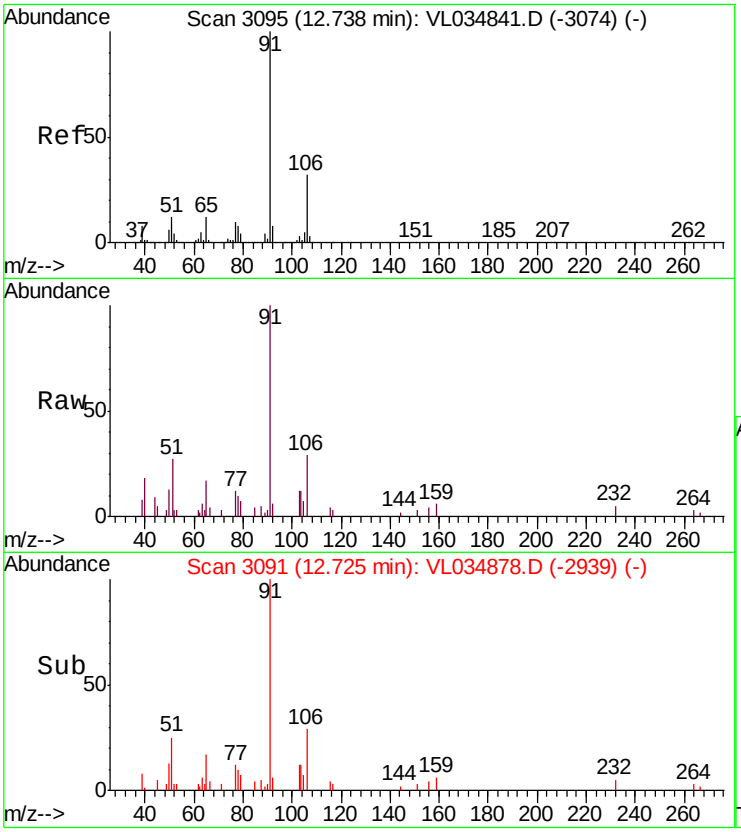


#57
Chlorobenzene
Concen: 0.022 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:112 Resp: 3290

Ion	Ratio	Lower	Upper
112	100		
77	93.6	53.0	79.6#
114	110.6	29.5	36.1#



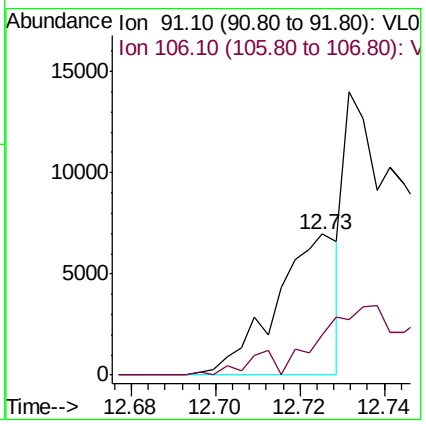


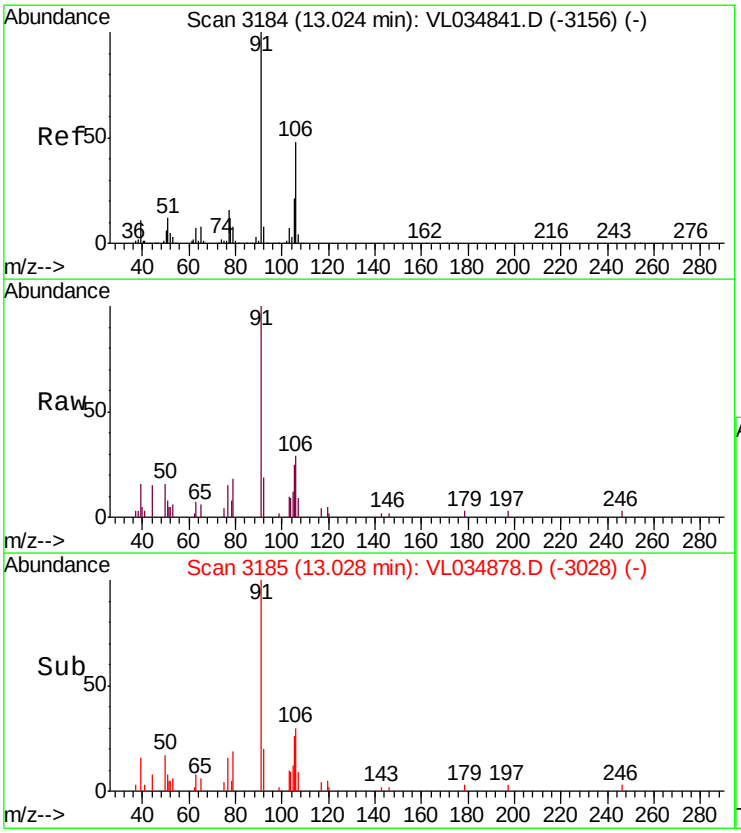
#58
Ethyl Benzene
Concen: 0.028 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. -0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 91 Resp: 7206

Ion	Ratio	Lower	Upper
91	100		
106	28.9	25.8	38.6

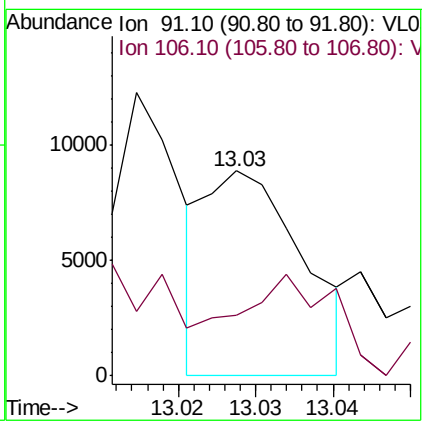


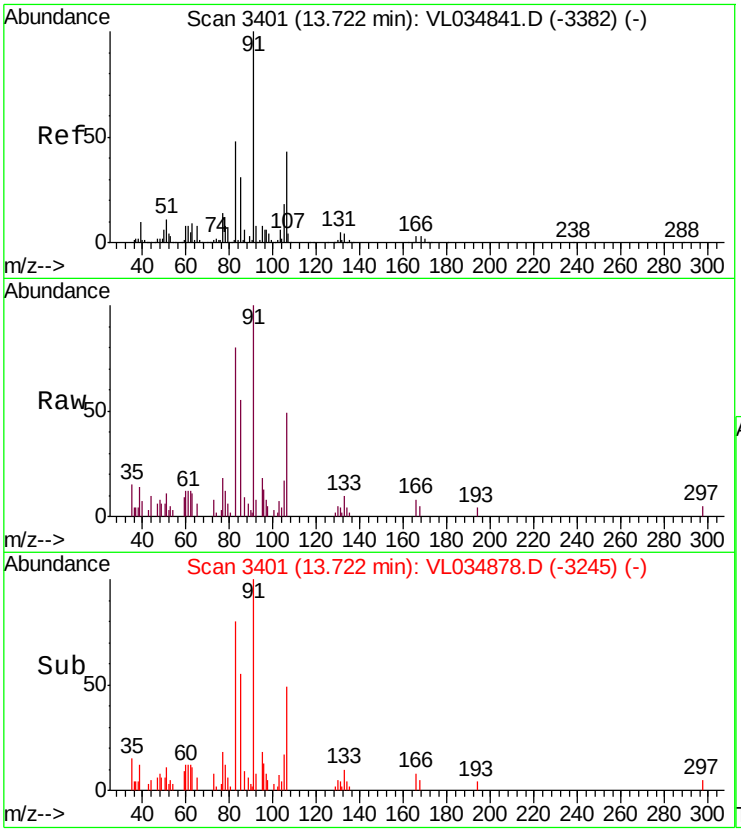


#59
m/p-Xylene
Concen: 0.036 ppbv
RT: 13.03 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 91 Resp: 7667

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.1	55.7#



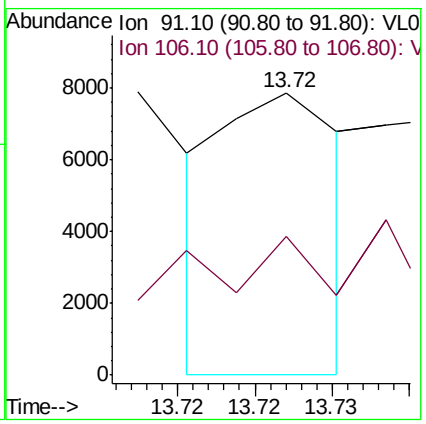


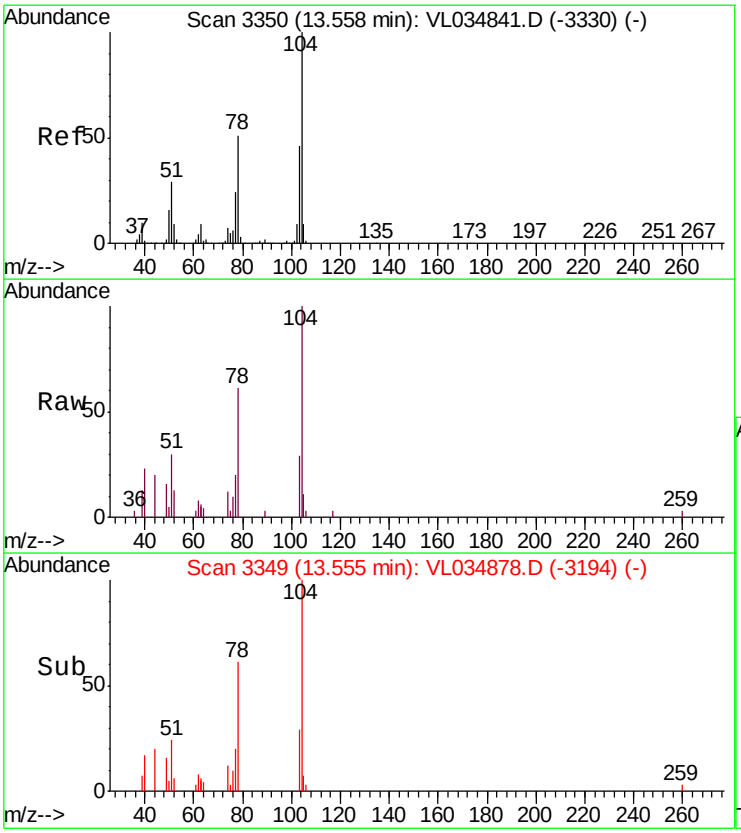
#60
o-Xylene
Concen: 0.020 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 91 Resp: 4205

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.5	67.5#

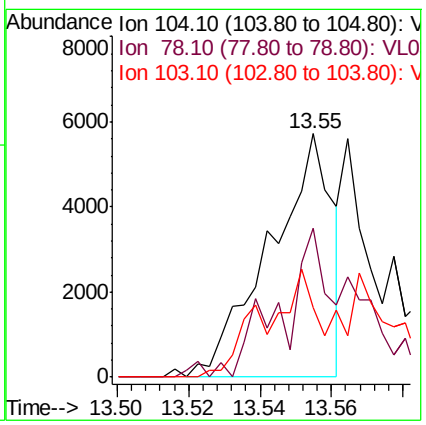


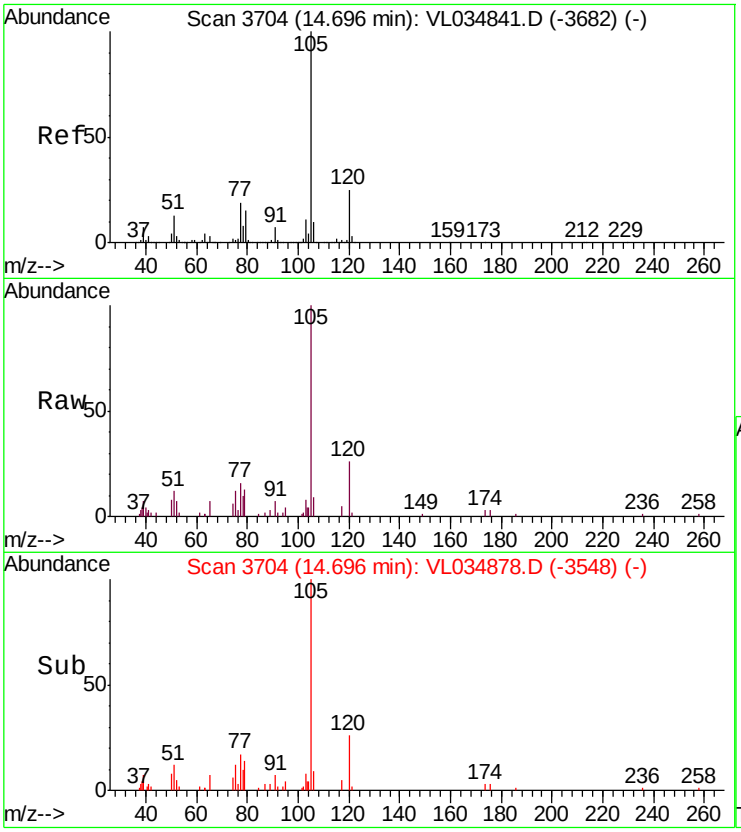


#61
Styrene
Concen: 0.047 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:104 Resp: 6918

Ion	Ratio	Lower	Upper
104	100		
78	76.2	41.8	62.6#
103	73.6	37.8	56.6#



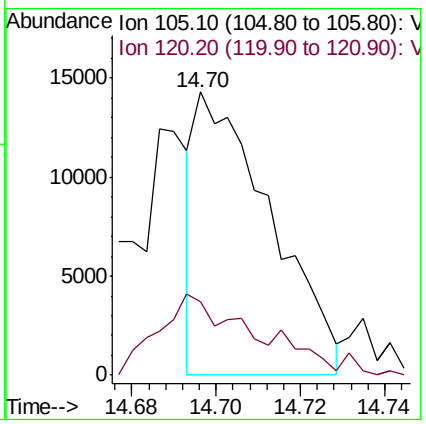


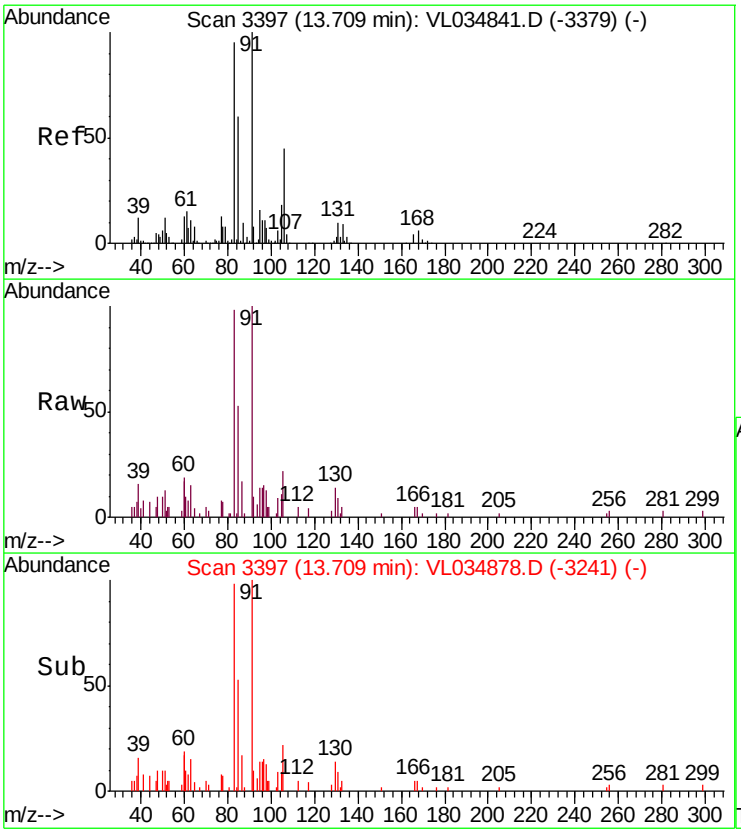
#62
Isopropylbenzene
Concen: 0.056 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:105 Resp: 17608

Ion	Ratio	Lower	Upper
105	100		
120	41.1	21.0	31.4#

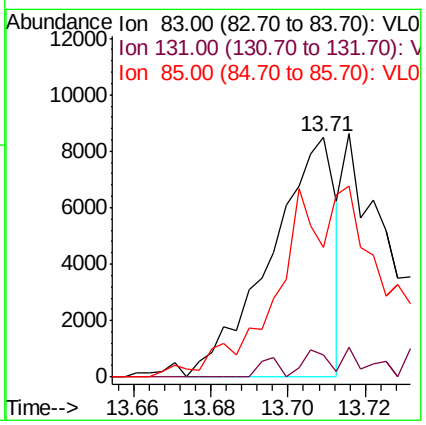


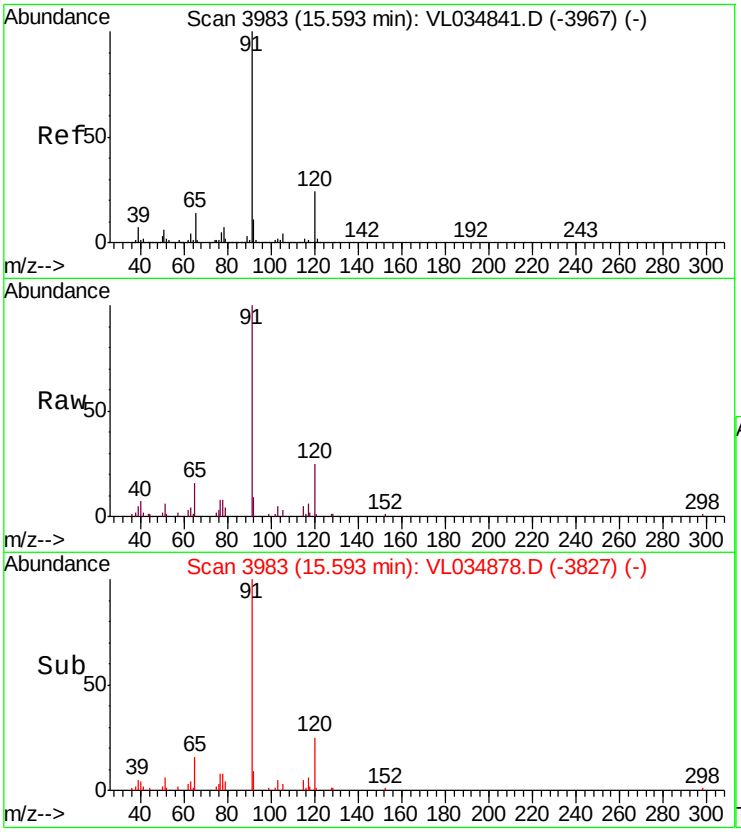


#63
1,1,2,2-Tetrachloroethane
Concen: 0.070 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 83 Resp: 9909

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.4	97.2#



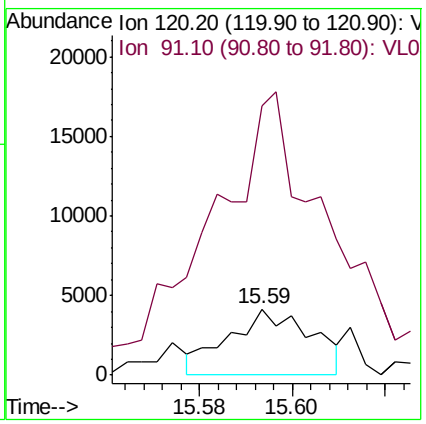


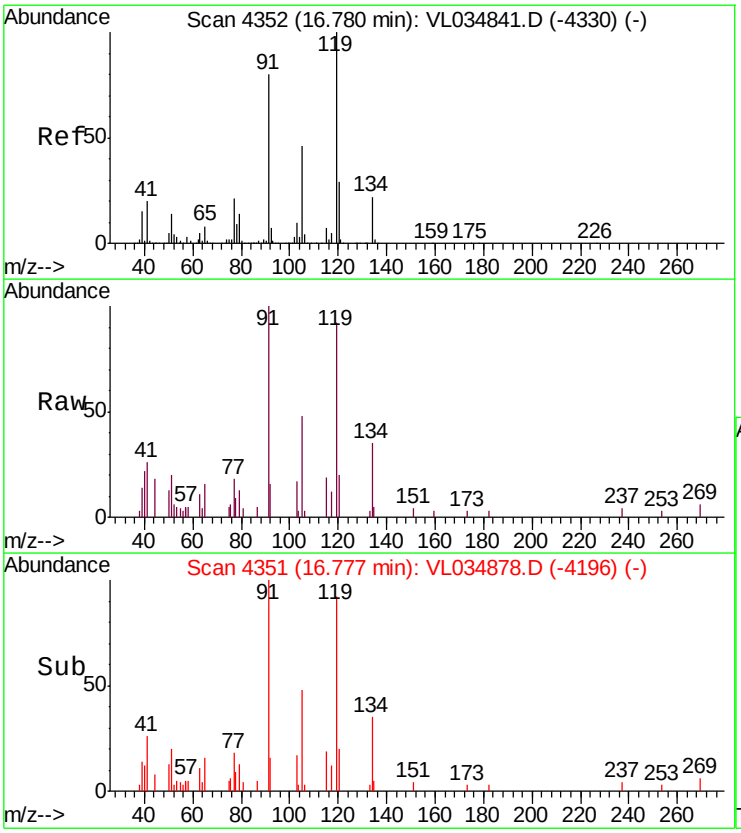
#64
n-propylbenzene
Concen: 0.063 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:120 Resp: 5121

Ion	Ratio	Lower	Upper
120	100		
91	682.2	360.9	541.3#

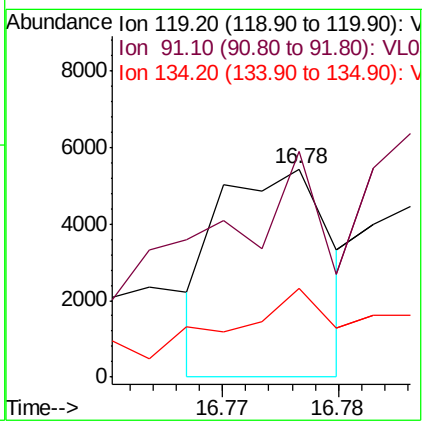


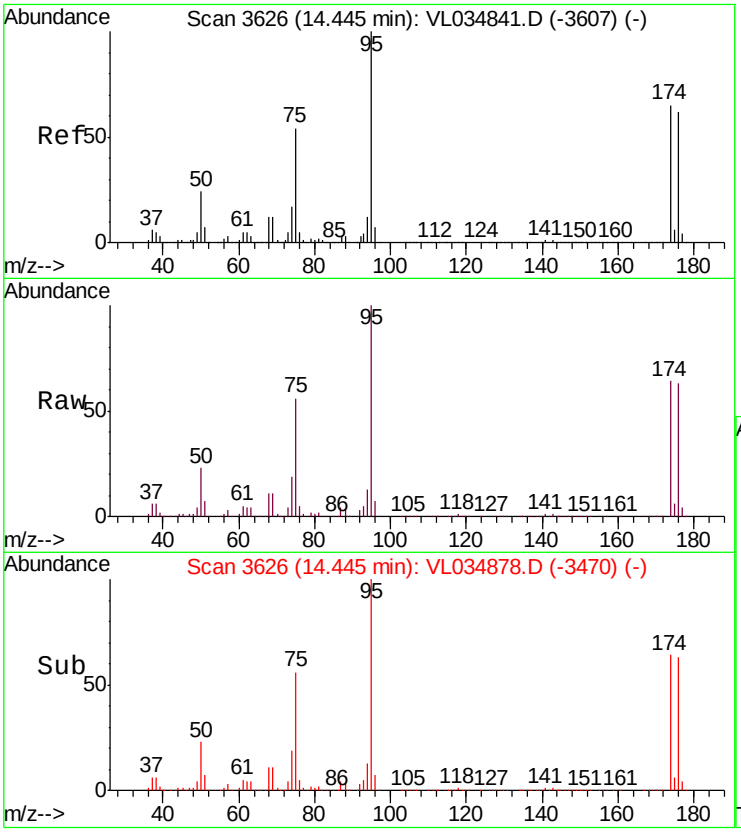


#65
tert-Butylbenzene
Concen: 0.013 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:119 Resp: 3591

Ion	Ratio	Lower	Upper
119	100		
91	0.0	64.9	97.3#
134	95.2	15.9	23.9#



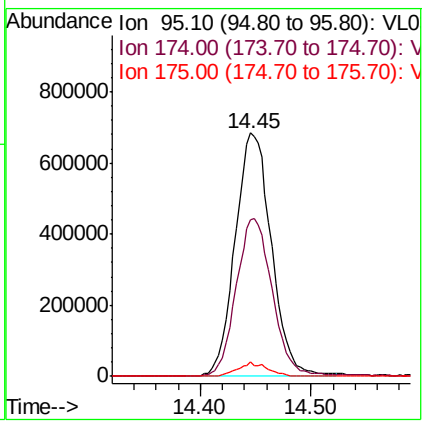


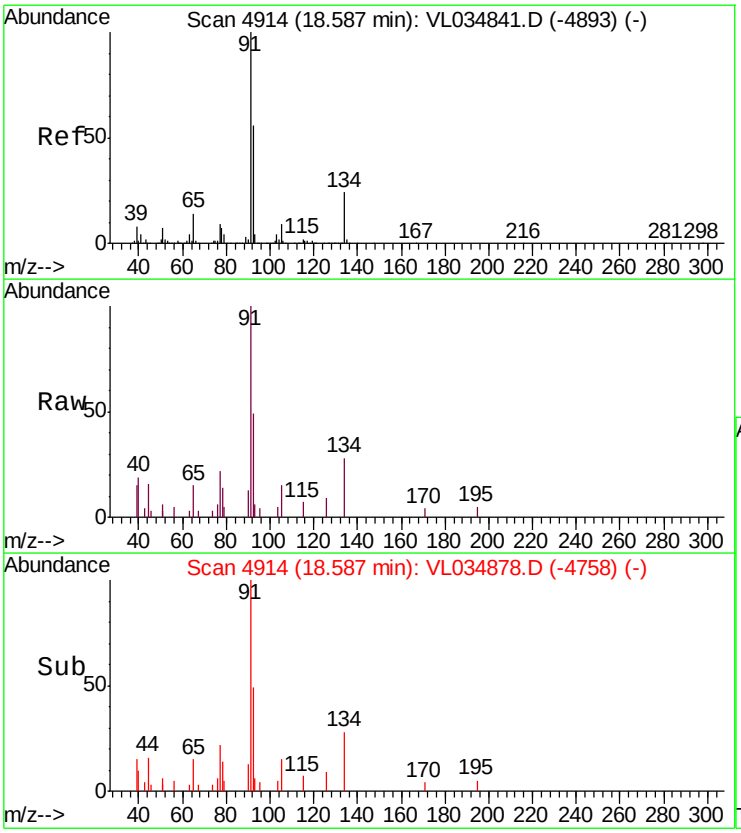
#68
1-Bromo-4-Fluorobenzene
Concen: 10.640 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 95 Resp: 1558781

Ion	Ratio	Lower	Upper
95	100		
174	65.1	55.2	82.8
175	4.9	4.3	6.5

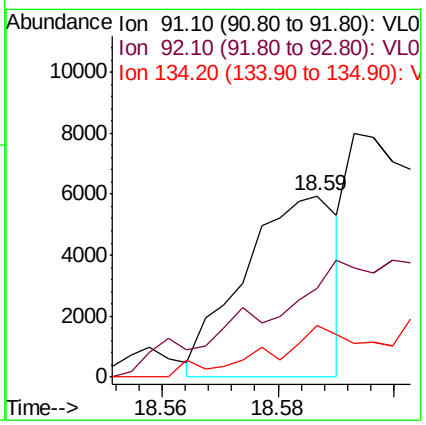


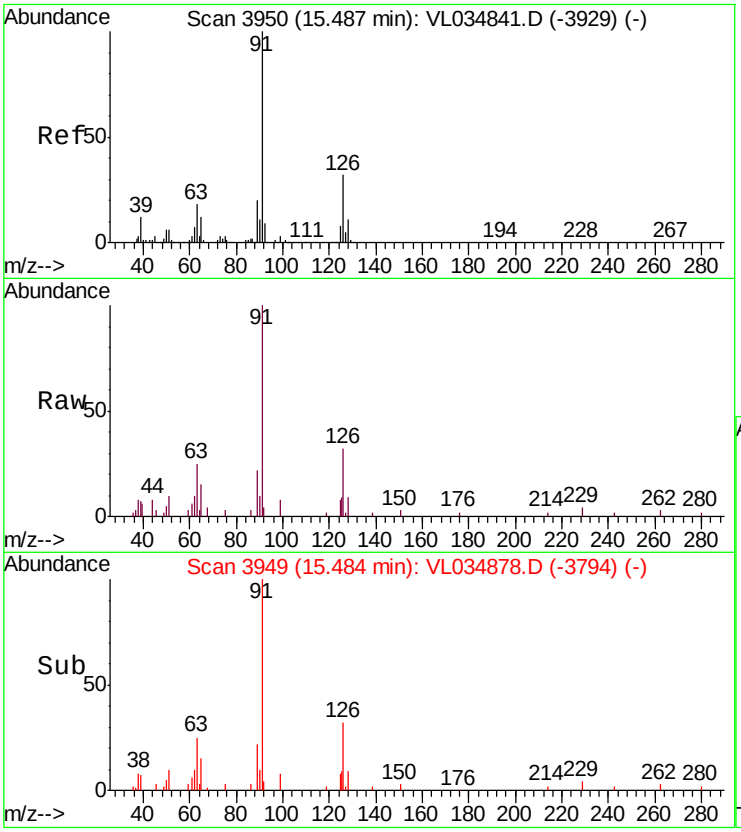


#70
n-Butylbenzene
Concen: 0.020 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion: 91 Resp: 6671

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.6#
134	0.0	19.0	28.4#



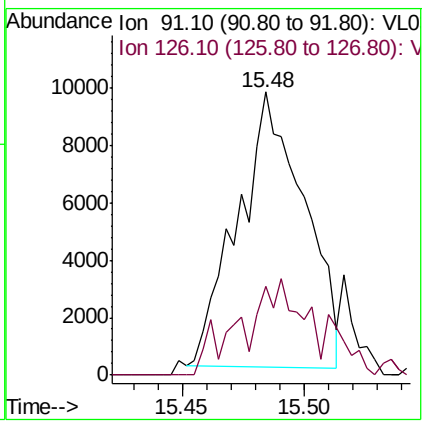


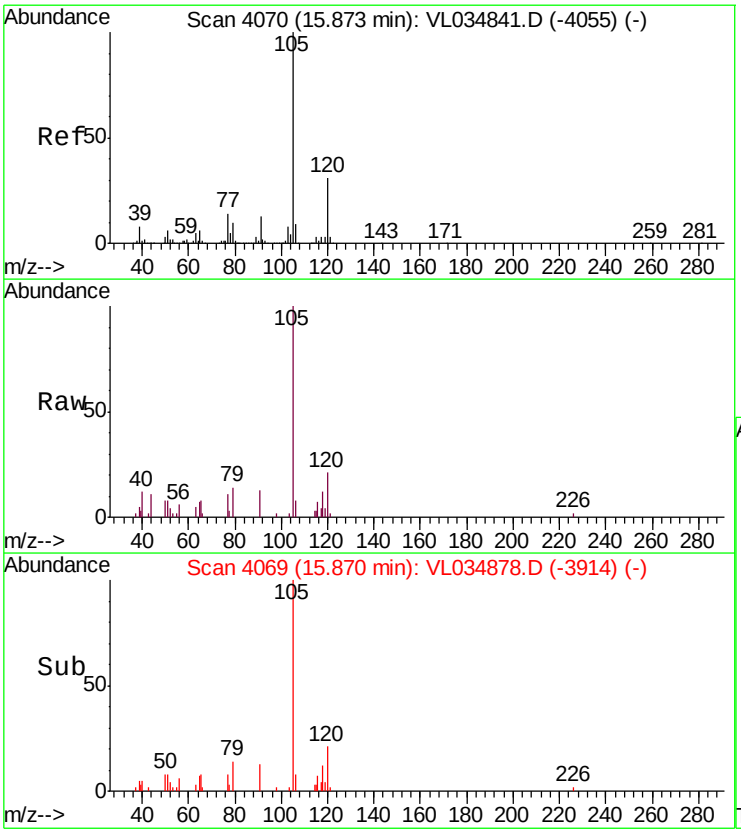
#71
2-Chlorotoluene
Concen: 0.076 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion: 91 Resp: 18098

Ion	Ratio	Lower	Upper
91	100		
126	40.0	12.3	49.1

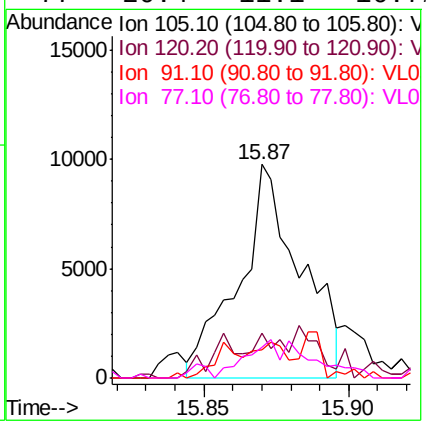


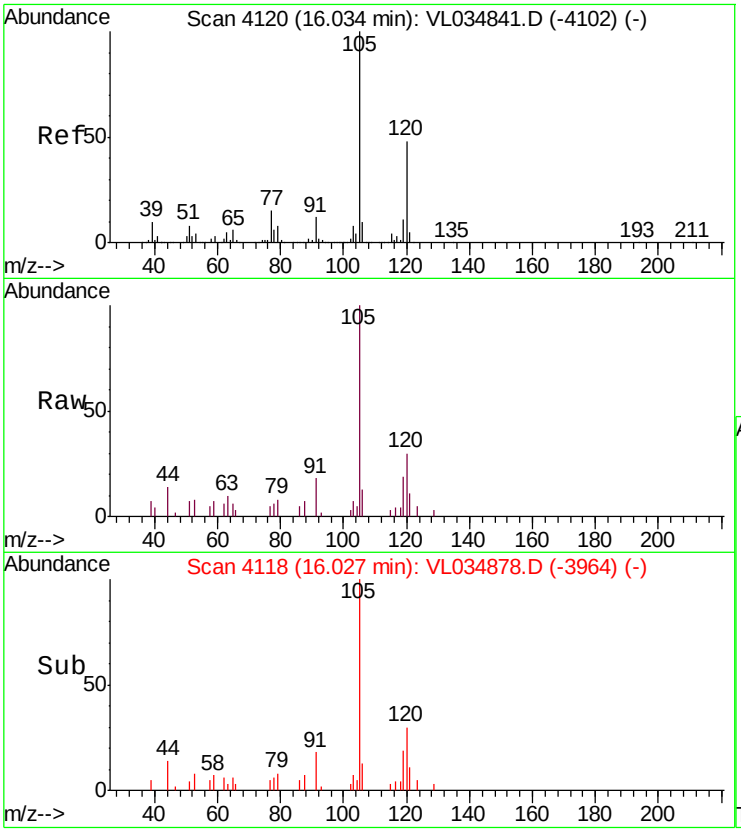


#72
4-Ethyltoluene
Concen: 0.059 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:105 Resp: 14481

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.7	35.5#
91	0.0	10.5	15.7#
77	20.4	11.1	16.7#



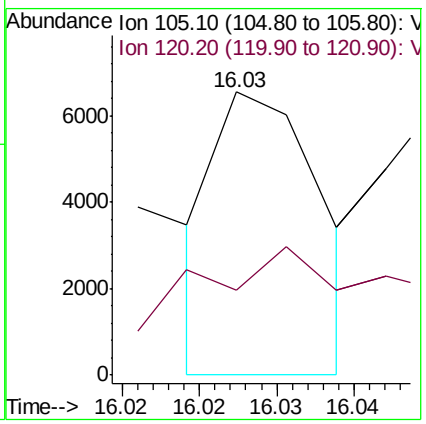


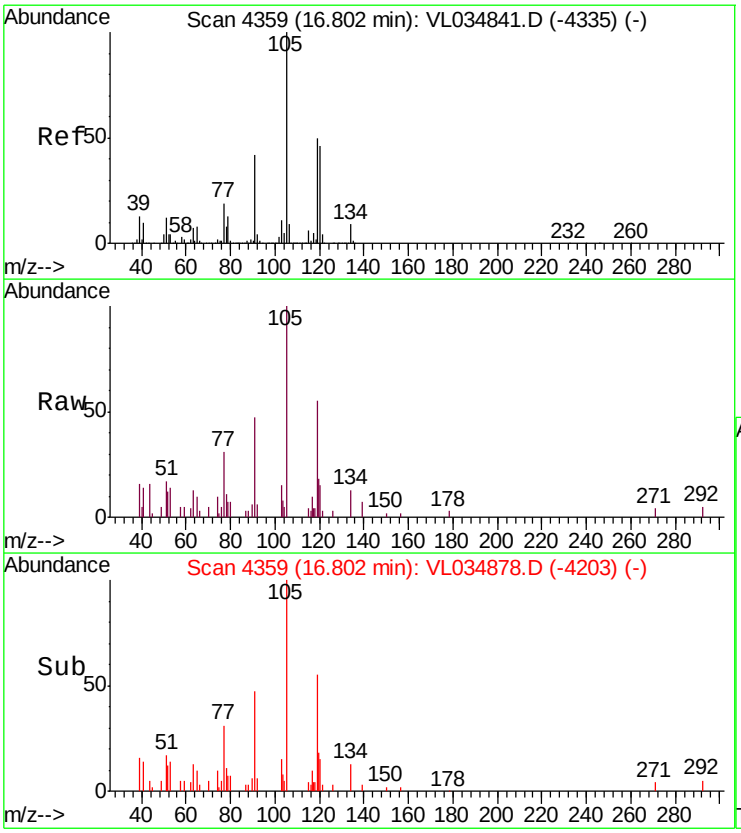
#73
1,3,5-Trimethylbenzene
Concen: 0.013 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:105 Resp: 3084

Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.6	58.0#

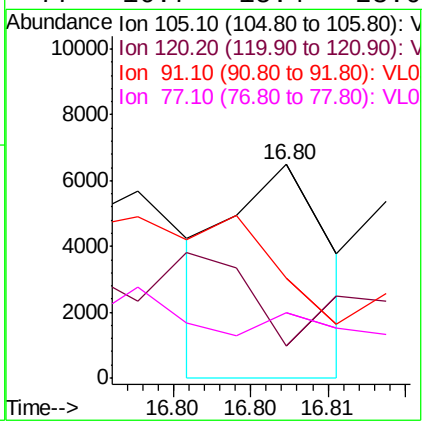


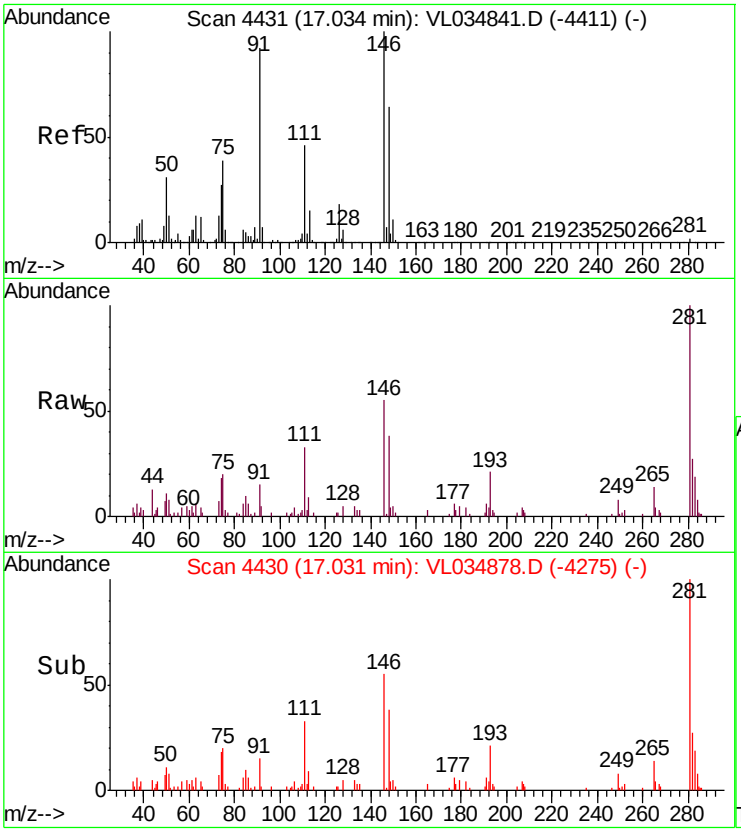


#74
1,2,4-Trimethylbenzene
Concen: 0.012 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:105 Resp: 2936

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.0	55.4#
91	51.2	33.8	50.6#
77	16.7	15.4	23.0



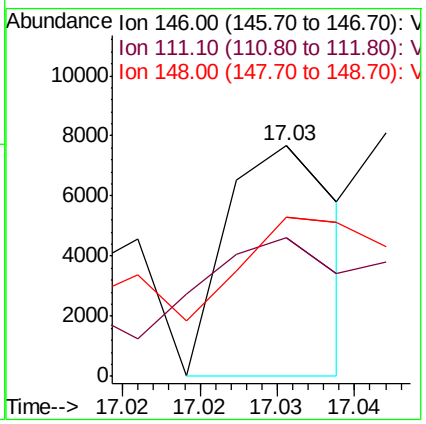


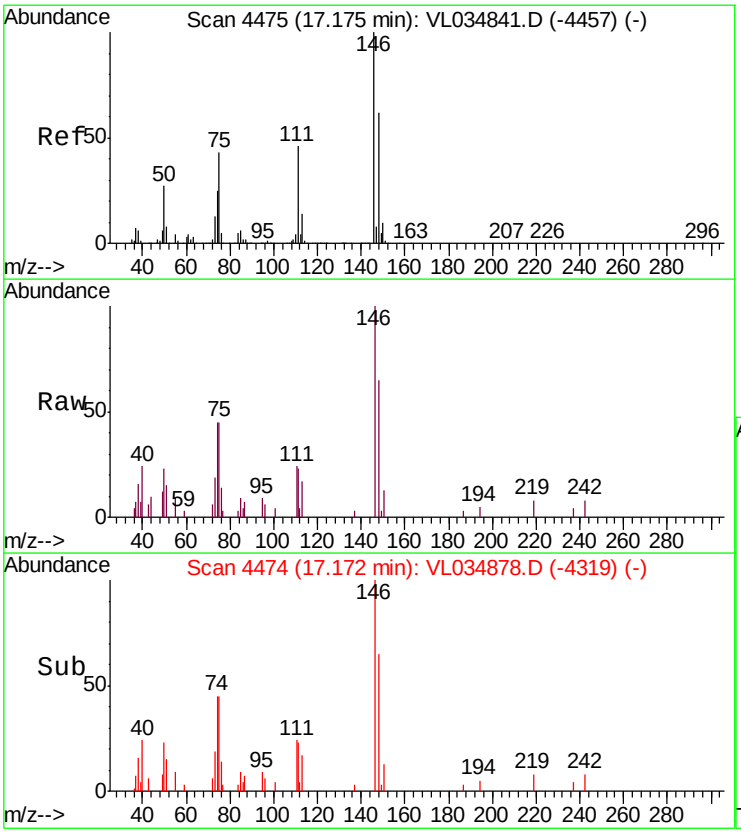
#75
1,3-Dichlorobenzene
Concen: 0.027 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:146 Resp: 3856

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.9	71.7#
148	319.9	32.5	97.5#

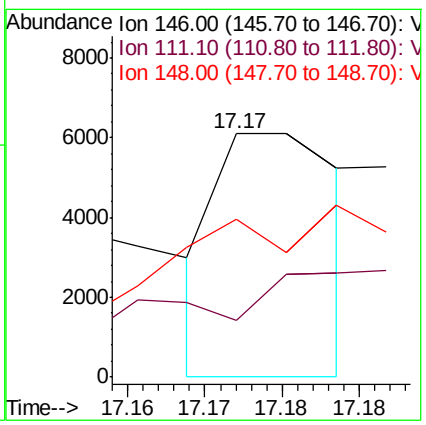


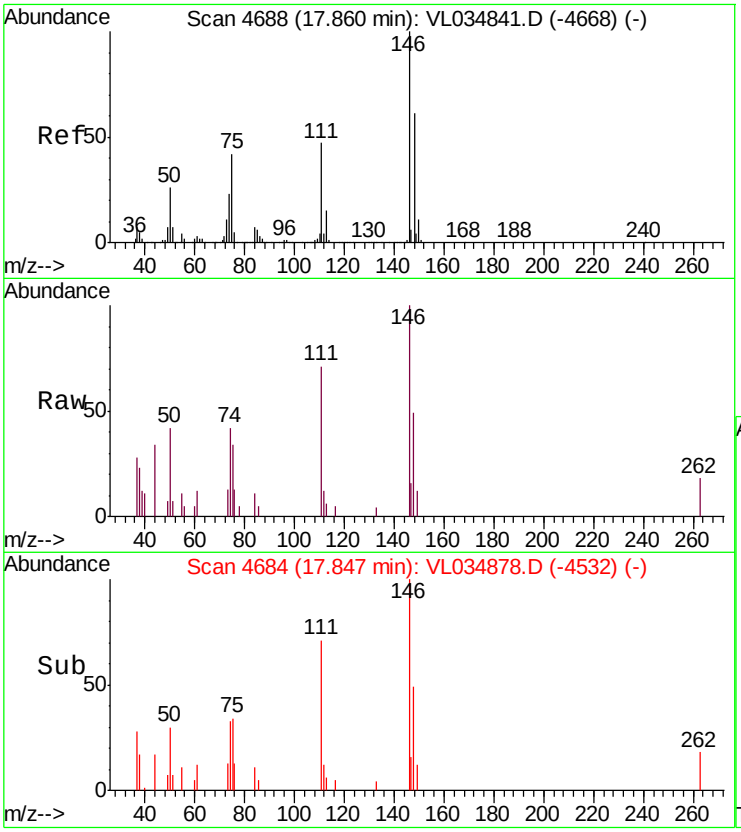


#76
1,4-Dichlorobenzene
Concen: 0.024 ppbv
RT: 17.17 min Scan# 4474
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:146 Resp: 3364

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.2#
148	0.0	32.3	96.9#



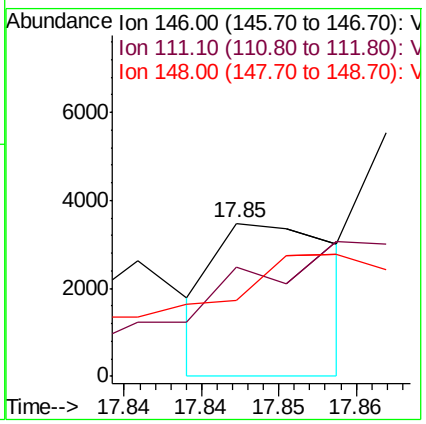


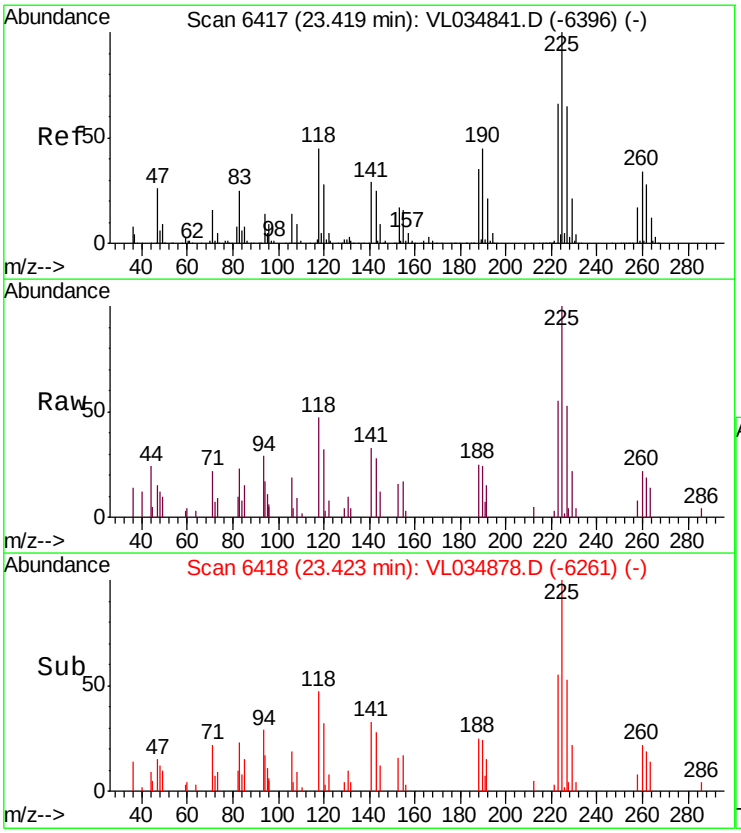
#77
1,2-Dichlorobenzene
Concen: 0.014 ppbv
RT: 17.85 min Scan# 4684
Delta R.T. -0.01 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:146 Resp: 1900

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.8	71.4#
148	0.0	31.6	94.8#

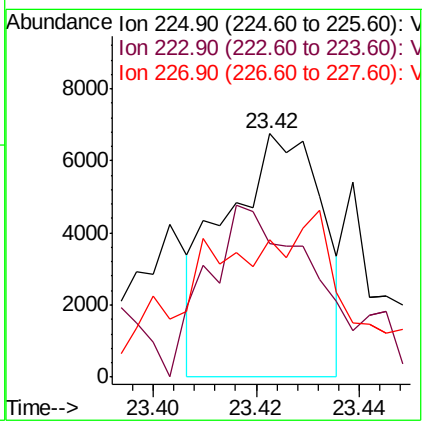


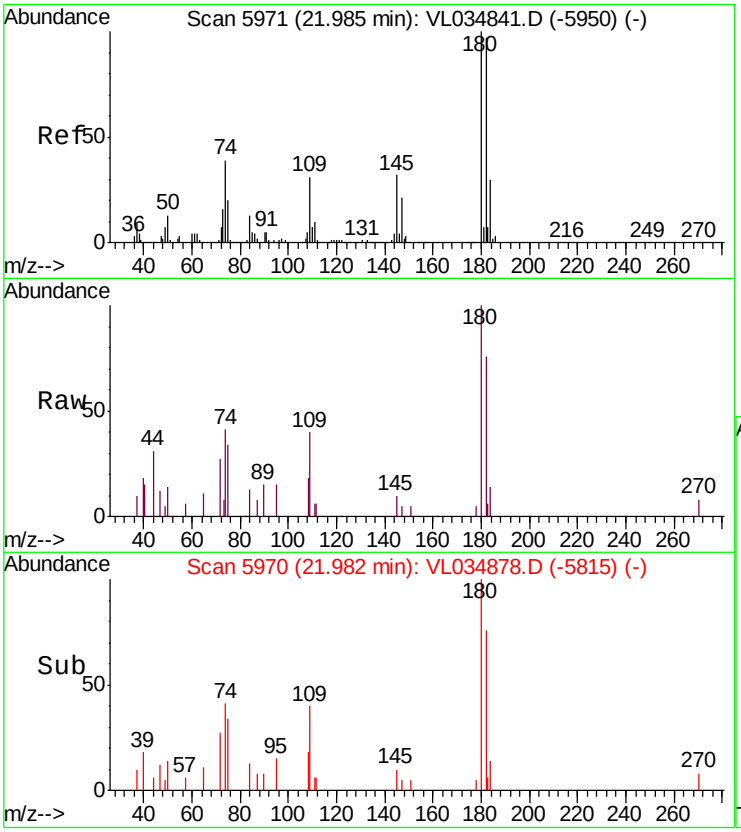


#78
Hexachloro-1,3-Butadiene
Concen: 0.077 ppbv
RT: 23.42 min Scan# 6418
Delta R.T. 0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Tgt Ion:225 Resp: 8863

Ion	Ratio	Lower	Upper
225	100		
223	100.3	51.1	76.7#
227	0.0	51.8	77.6#





#81
1,2,4-Trichlorobenzene
Concen: 0.016 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.00 min
Lab File: VL034878.D
Acq: 10 Mar 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT1-2020

Tgt Ion:180 Resp: 1846

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.6	115.0#
184	36.3	25.0	37.4