Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035290.D
Acq On : 30 Jul 2020 21:56
Operator : SY/AP
Sample : L3216-15 0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-01-QT3-2020

Quant Time: Jul 31 05:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1099256	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2707390	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	2497311	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	2051642	10.28	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	27382	0.209	ppbv		98
4) Chloromethane	3.10	50	9721	0.142	ppbv	#	63
5) Vinyl Chloride	3.22	62	3652	0.051	ppbv	#	48
6) Bromomethane	3.45	94	6988	0.159	ppbv	#	78
7) Chloroethane	3.53	64	3571	0.139	ppbv	#	72
8) Dichlorotetrafluoroethane	3.15	85	25978	0.156	ppbv		98
9) Propene	2.97	41	2452	0.058	ppbv	#	15
11) Trichlorofluoromethane	3.93	101	26372	0.149	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	16960	0.135	ppbv		98
14) Bromoethene	3.72	108	5827	0.114	ppbv	#	67
15) Acetone	3.85	43	36826	0.251	ppbv	#	83
16) 1,3-Butadiene	3.30	39	6293	0.110	ppbv		92
18) 1,1-Dichloroethene	4.27	96	5813	0.105	ppbv	#	52
20) Methylene Chloride	4.32	84	13266	0.199	ppbv		93
21) Allyl Chloride	4.40	41	8332	0.100	ppbv	#	74
22) trans-1,2-Dichloroethene	4.87	96	2812	0.053	ppbv	#	69
23) Vinyl Acetate	5.07	43	5798	0.039	ppbv	#	82
24) 1,1-Dichloroethane	5.00	63	14637	0.107	ppbv	#	85
25) Ethyl Acetate	5.68	43	9877	0.043	ppbv	#	74
26) Hexane	5.69	57	8246	0.080	ppbv	#	45
27) Carbon Disulfide	4.54	76	15620	0.112	ppbv	#	33
29) Chloroform	5.75	83	24572	0.142	ppbv		89
31) cis-1,2-Dichloroethene	5.55	61	8757	0.097	ppbv	#	52
32) 1,1,1-Trichloroethane	6.52	97	9233	0.052	ppbv	#	22
34) 2-Butanone	5.26	43	7491	0.054	ppbv	#	81
35) Carbon Tetrachloride	7.03	117	12065	0.067	ppbv	#	82
37) 1,2-Dichloroethane	6.31	62	15065	0.115	ppbv	#	94
38) Trichloroethene	7.85	130	2747	0.035	ppbv	#	61
39) 1,2-Dichloropropane	7.19	63	744677	9.920	ppbv	#	22
42) Bromodichloromethane	7.81	83	15998	0.091	ppbv	#	98
46) cis-1,3-Dichloropropene	8.73	75	3073	0.031	ppbv	#	49
47) 1,1,2-Trichloroethane	9.51	97	6297	0.071	ppbv	#	49
52) Tetrachloroethene	11.26	164	2170	0.030	ppbv	#	23
56) 1,1,1,2-Tetrachloroethane	12.16	131	3610	0.031	ppbv	#	1
57) Chlorobenzene	12.19	112	10350	0.055	ppbv	#	77
63) 1,1,2,2-Tetrachloroethane	13.72	83	11044	0.052	ppbv	#	16
75) 1,3-Dichlorobenzene	17.06	146	8291	0.041	ppbv	#	18
76) 1,4-Dichlorobenzene	17.20	146	13396	0.073	ppbv	#	70
77) 1,2-Dichlorobenzene	17.88	146	8874	0.049	ppbv	#	53
78) Hexachloro-1,3-Butadiene	23.44	225	5059	0.034	ppbv	#	1
80) Naphthalene,2-methyl-	25.03	142	3109	0.038	ppbv		94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035290.D
Acq On : 30 Jul 2020 21:56
Operator : SY/AP
Sample : L3216-15 0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Quant Time: Jul 31 05:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

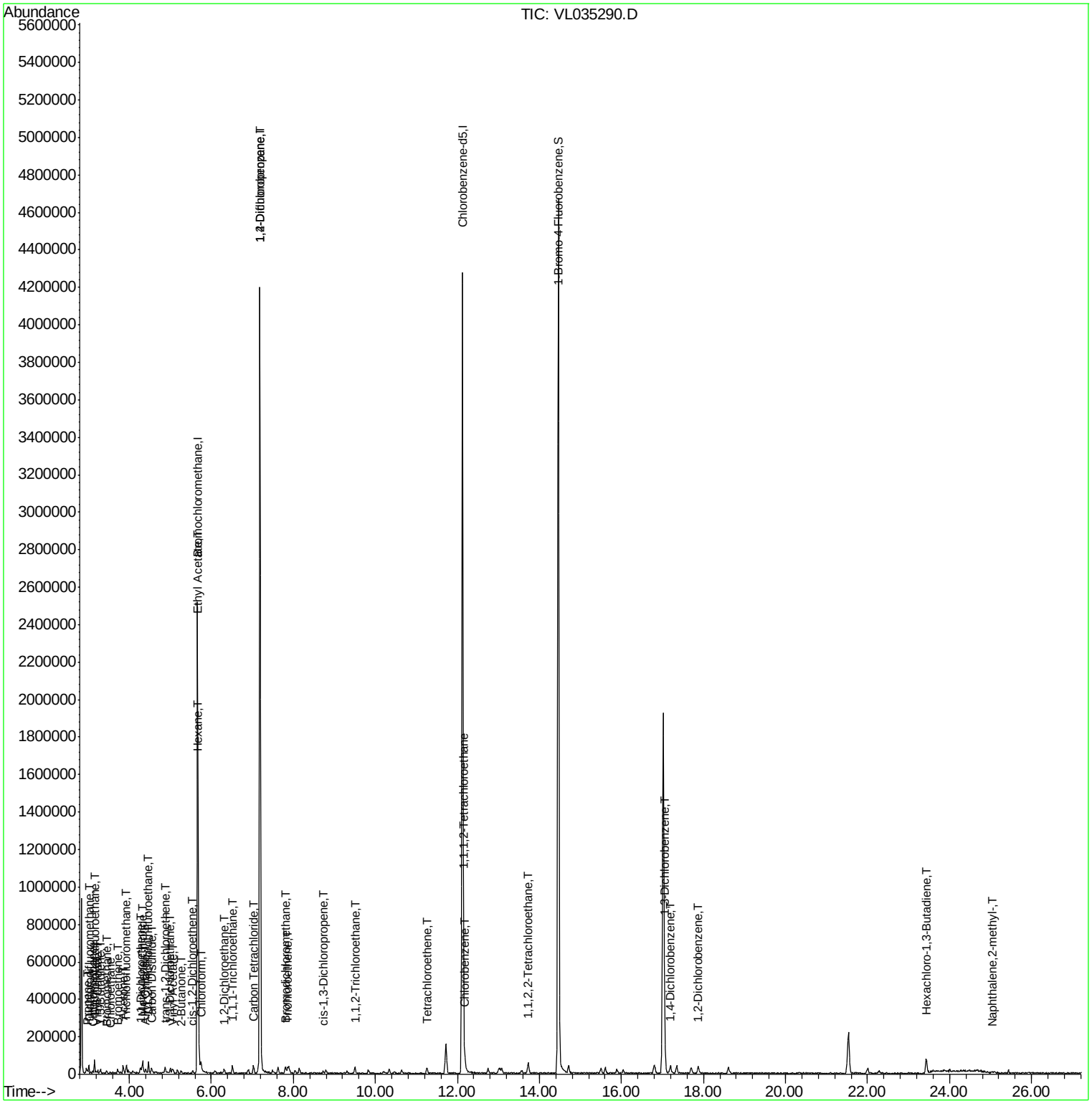
(#) = qualifier out of range (m) = manual integration (+) = signals summed

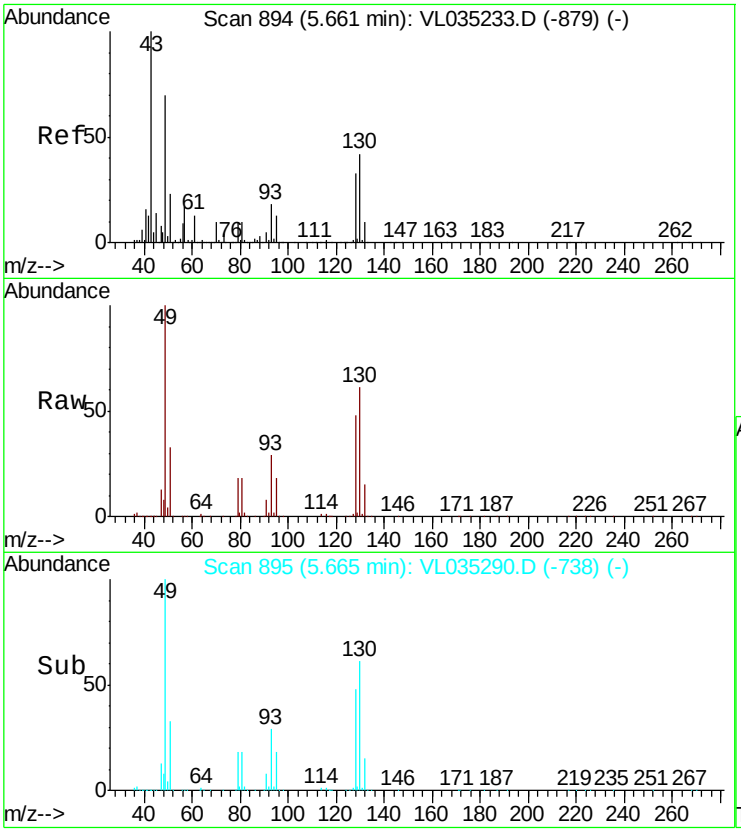
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035290.D
Acq On : 30 Jul 2020 21:56
Operator : SY/AP
Sample : L3216-15 0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Quant Time: Jul 31 05:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration



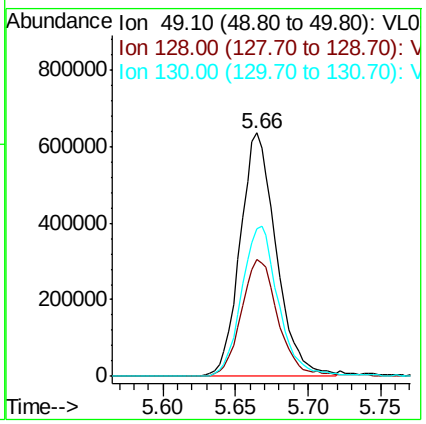


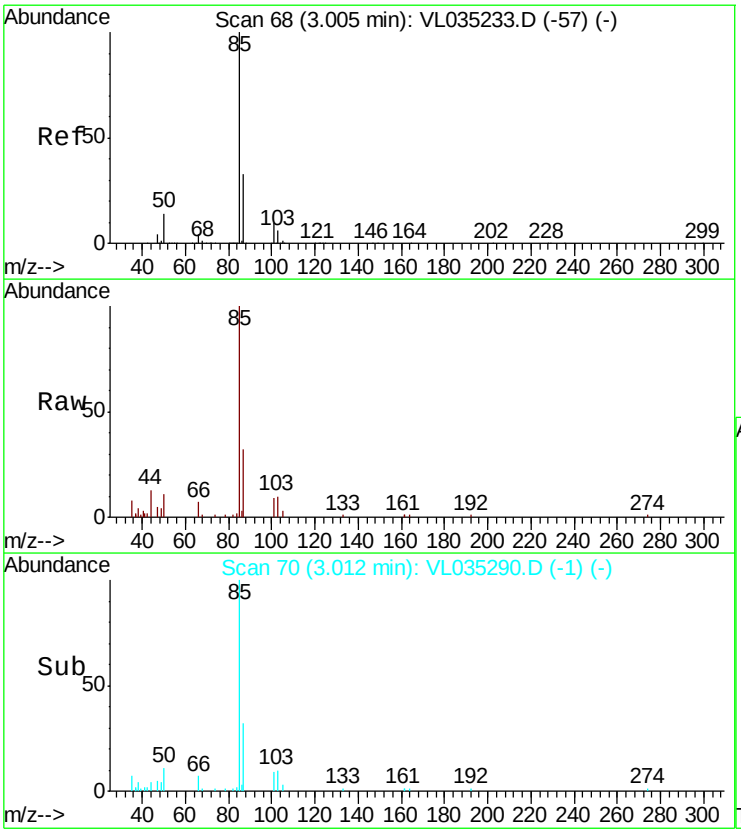
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 49 Resp: 1099256

Ion	Ratio	Lower	Upper
49	100		
128	49.7	24.0	72.0
130	63.7	30.7	92.1

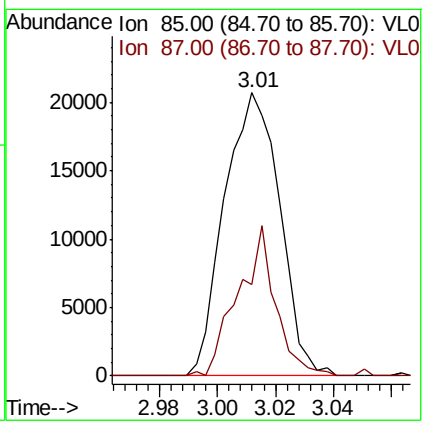


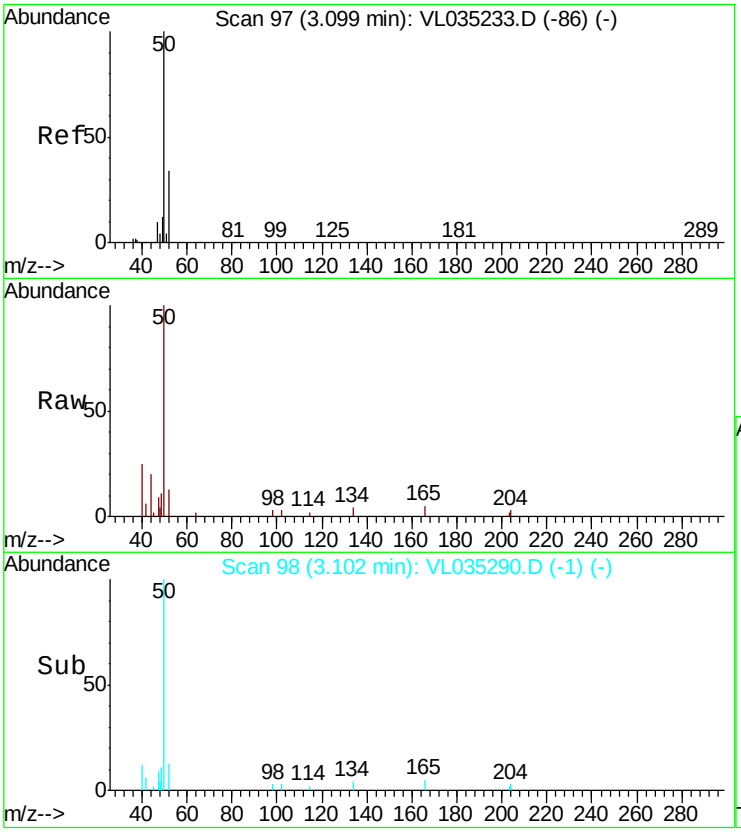


#2
Dichlorodifluoromethane
Concen: 0.209 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 85 Resp: 27382

Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.7	40.1



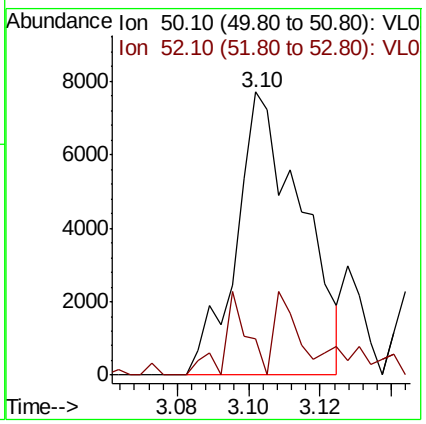


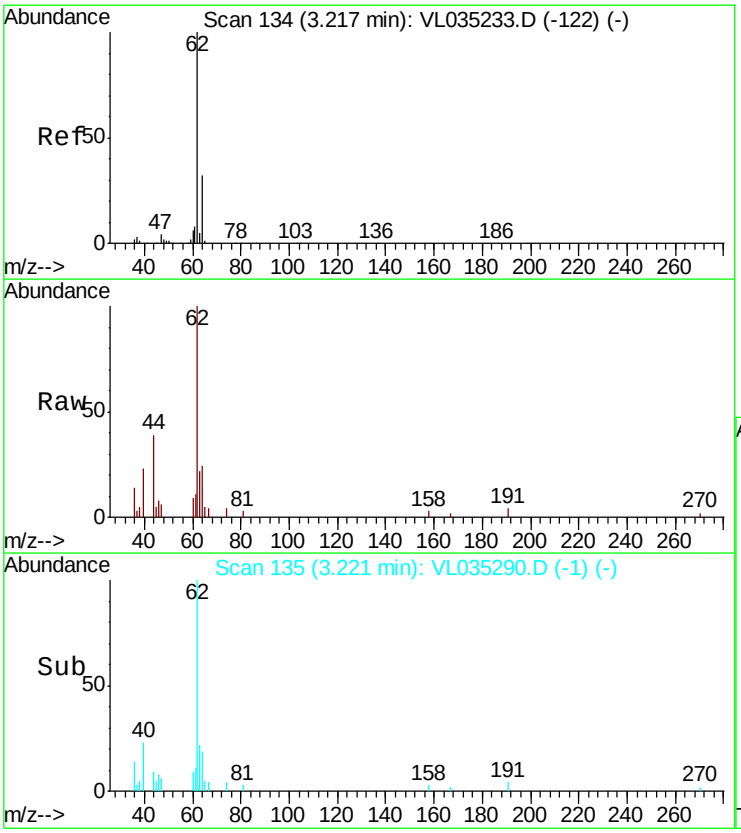
#4
Chloromethane
Concen: 0.142 ppbv
RT: 3.10 min Scan# 98
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 50 Resp: 9721

Ion	Ratio	Lower	Upper
50	100		
52	13.0	27.1	40.7#

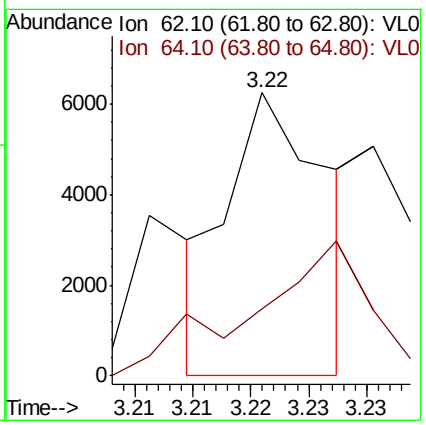


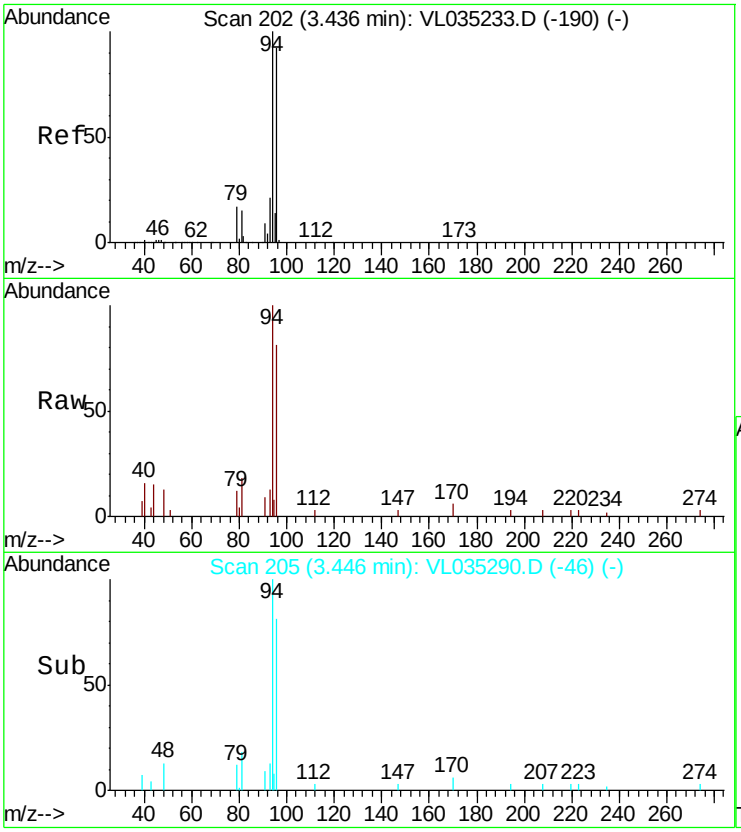


#5
Vinyl Chloride
Concen: 0.051 ppbv
RT: 3.22 min Scan# 135
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 62 Resp: 3652

Ion	Ratio	Lower	Upper
62	100		
64	3.2	25.8	38.6#



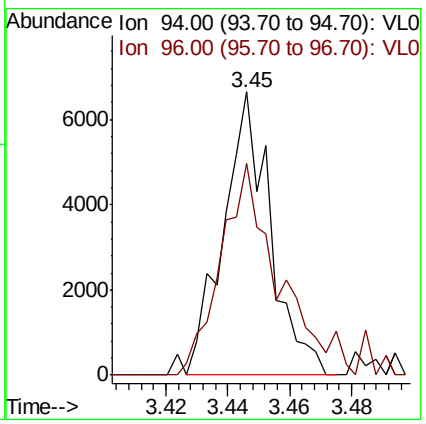


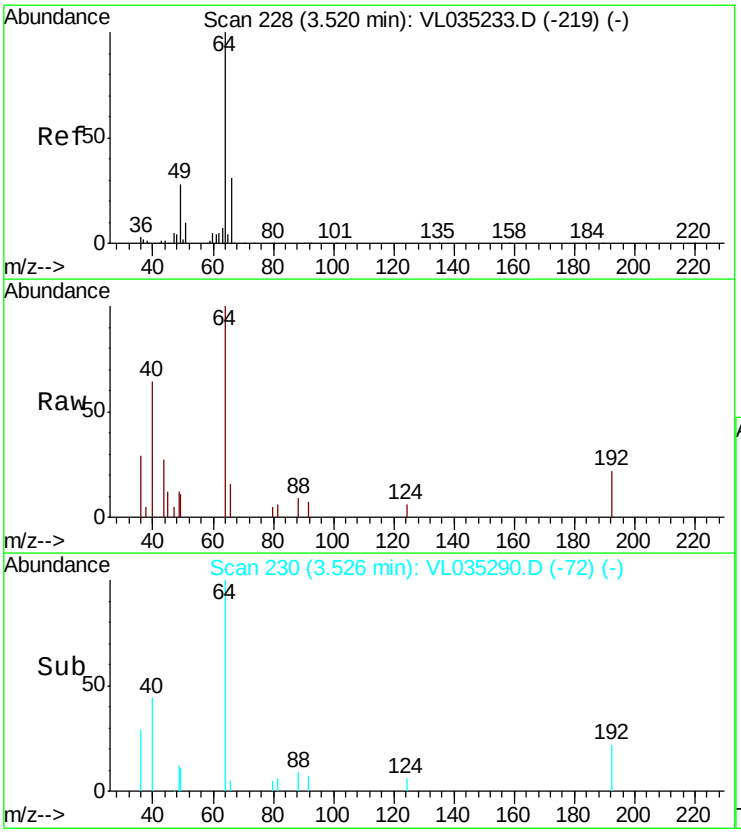
#6
Bromomethane
Concen: 0.159 ppbv
RT: 3.45 min Scan# 205
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 94 Resp: 6988

Ion	Ratio	Lower	Upper
94	100		
96	70.9	73.2	109.8#

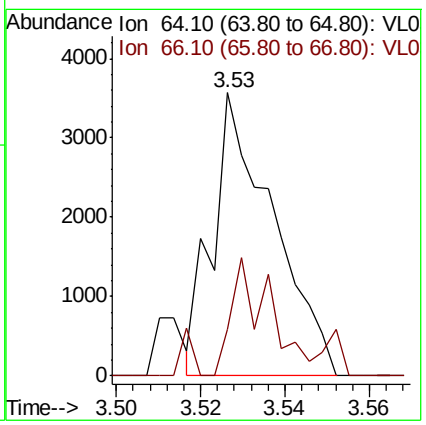


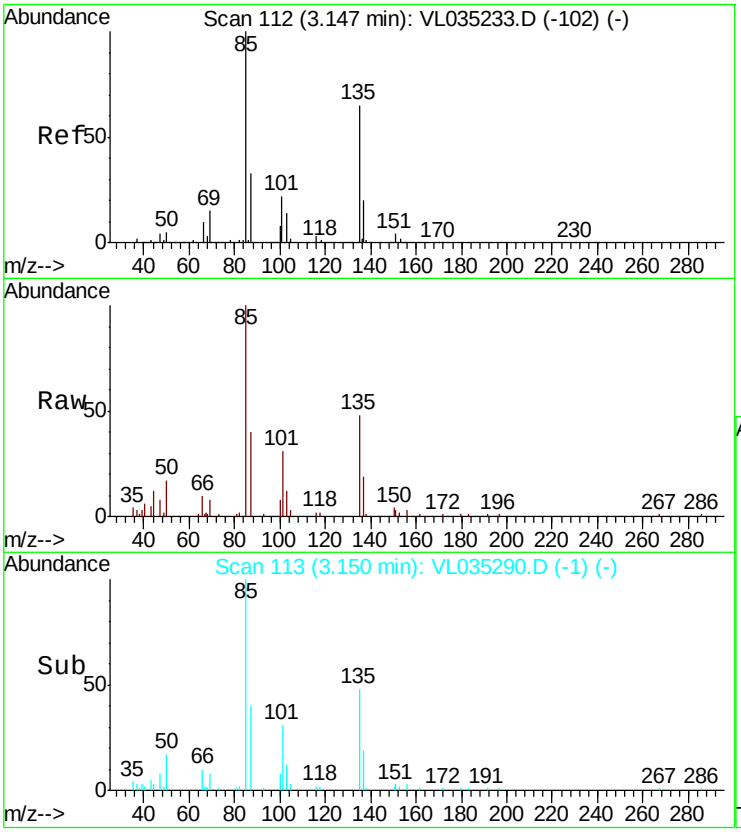


#7
Chloroethane
Concen: 0.139 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 64 Resp: 3571

Ion	Ratio	Lower	Upper
64	100		
66	16.3	25.6	38.4#



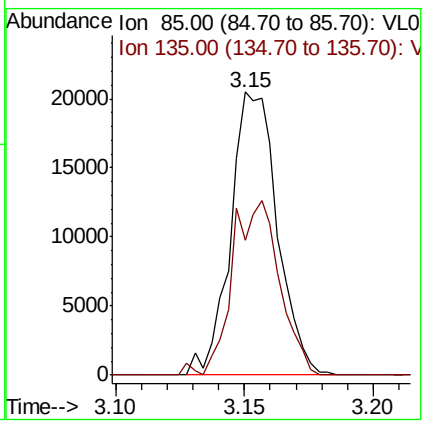


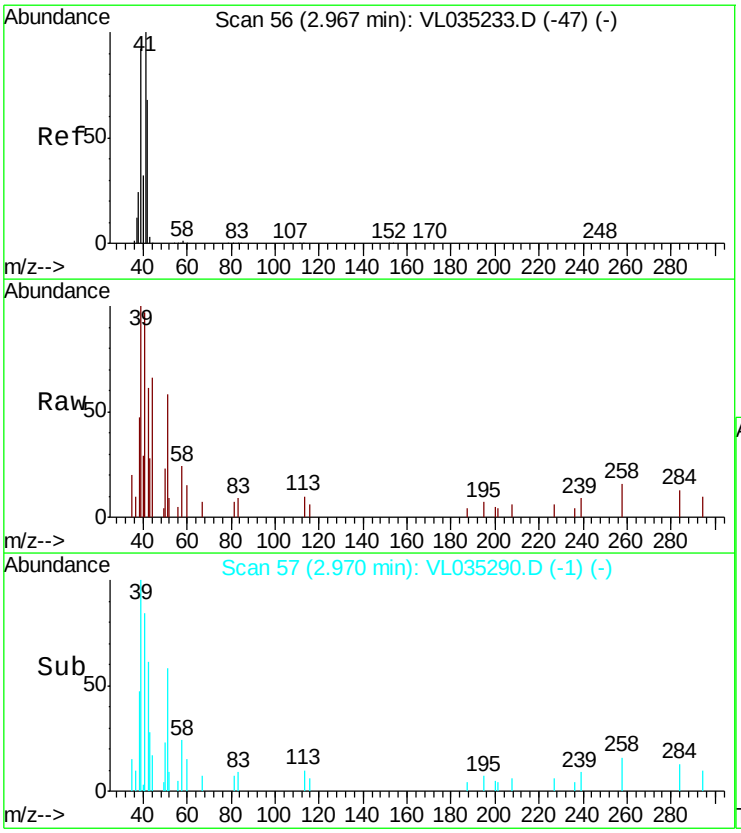
#8
Dichlorotetrafluoroethane
Concen: 0.156 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 85 Resp: 25978

Ion	Ratio	Lower	Upper
85	100		
135	62.7	51.4	77.0

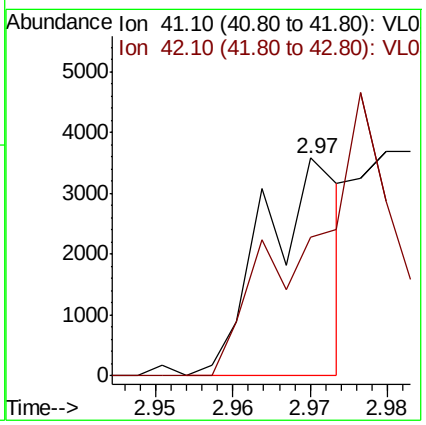


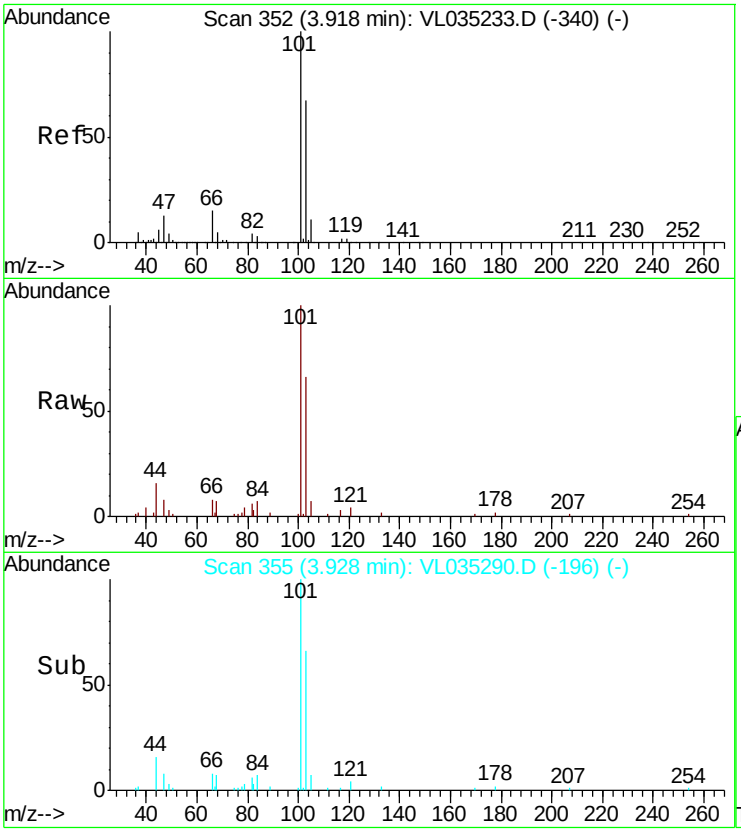


#9
Propene
Concen: 0.058 ppbv
RT: 2.97 min Scan# 57
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 41 Resp: 2452

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.0	82.6#



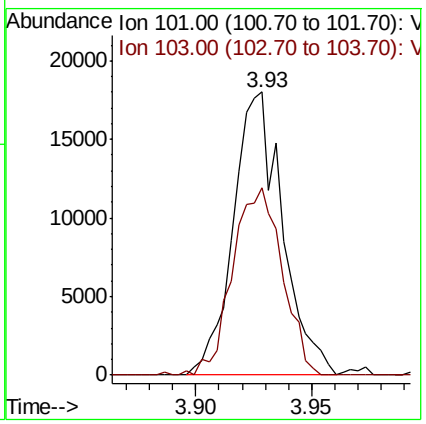


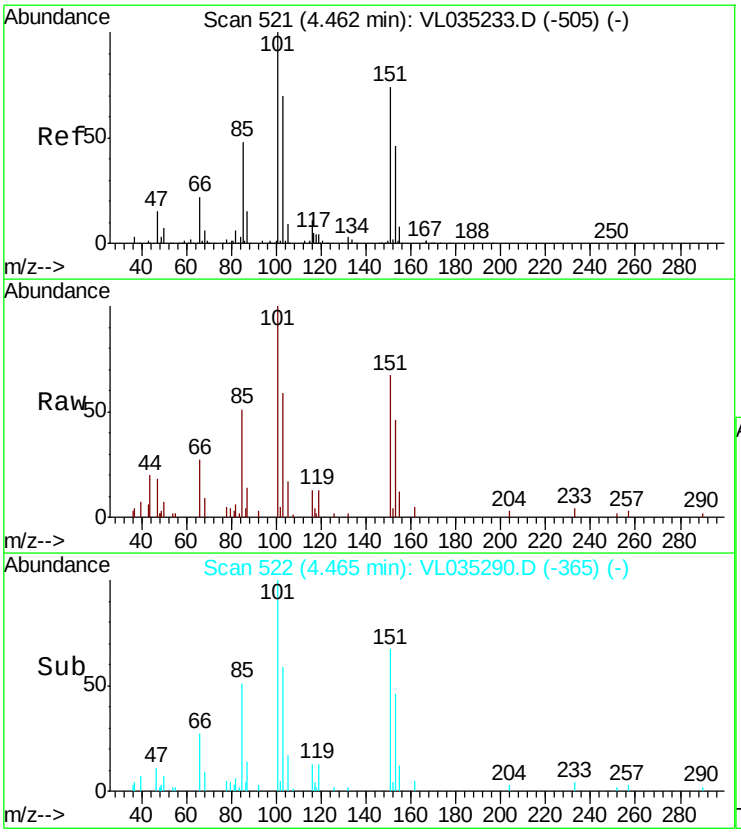
#11
Trichlorofluoromethane
Concen: 0.149 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:101 Resp: 26372

Ion	Ratio	Lower	Upper
101	100		
103	66.3	53.4	80.0

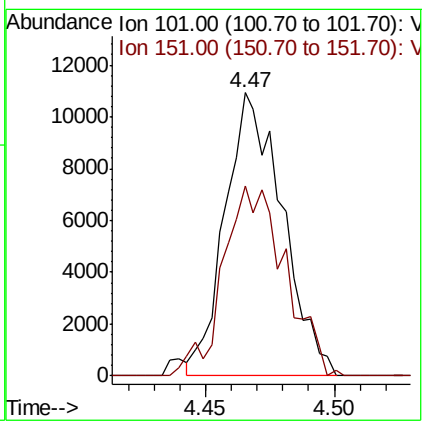


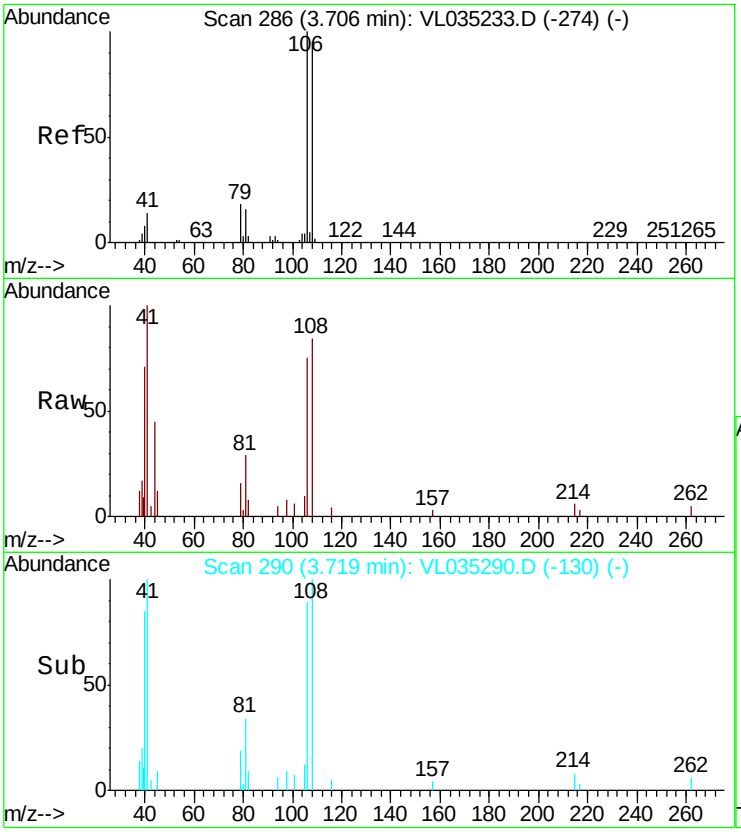


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.135 ppbv
RT: 4.47 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:101 Resp: 16960

Ion	Ratio	Lower	Upper
101	100		
151	72.6	56.6	85.0



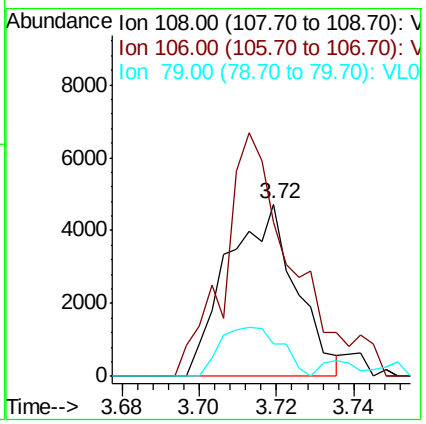


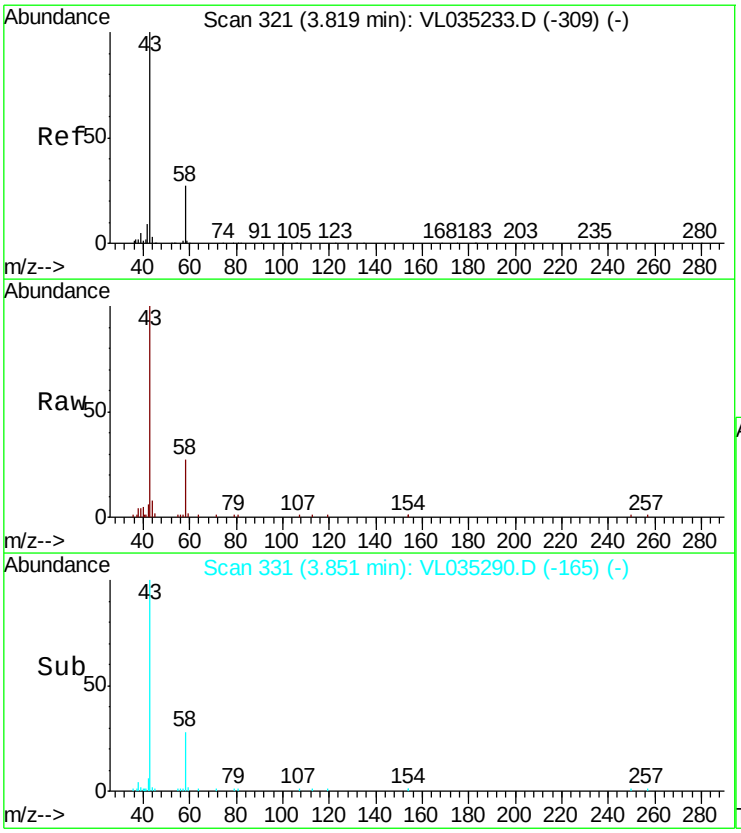
#14
Bromoethene
Concen: 0.114 ppbv
RT: 3.72 min Scan# 290
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:108 Resp: 5827

Ion	Ratio	Lower	Upper
108	100		
106	141.2	85.0	127.6#
79	32.3	15.4	23.2#

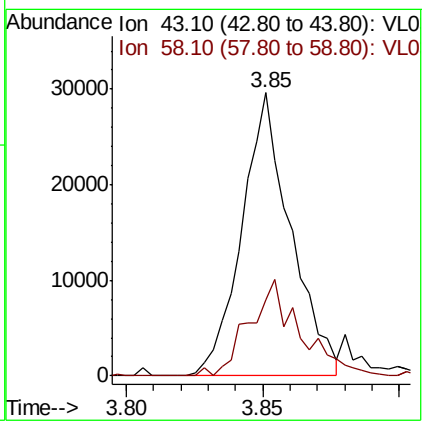


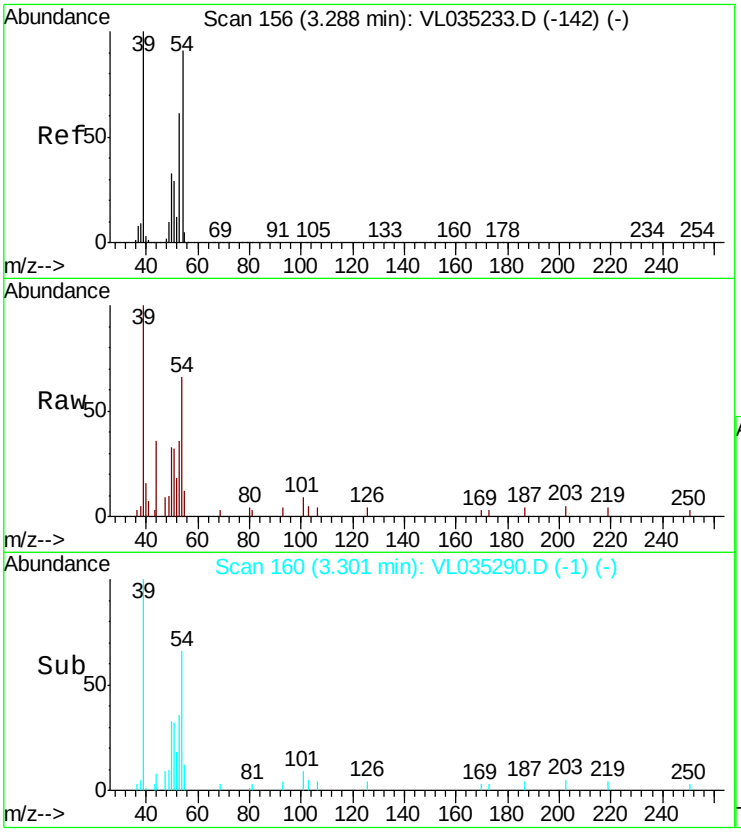


#15
Acetone
Concen: 0.251 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.03 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 43 Resp: 36826

Ion	Ratio	Lower	Upper
43	100		
58	35.9	21.8	32.6#



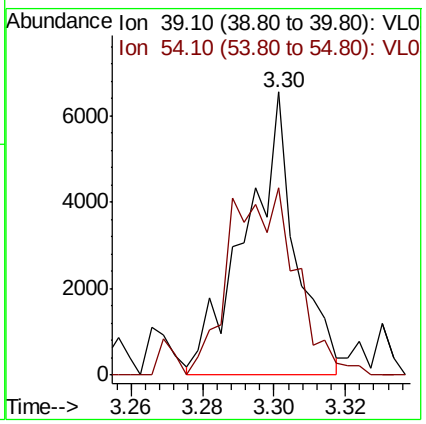


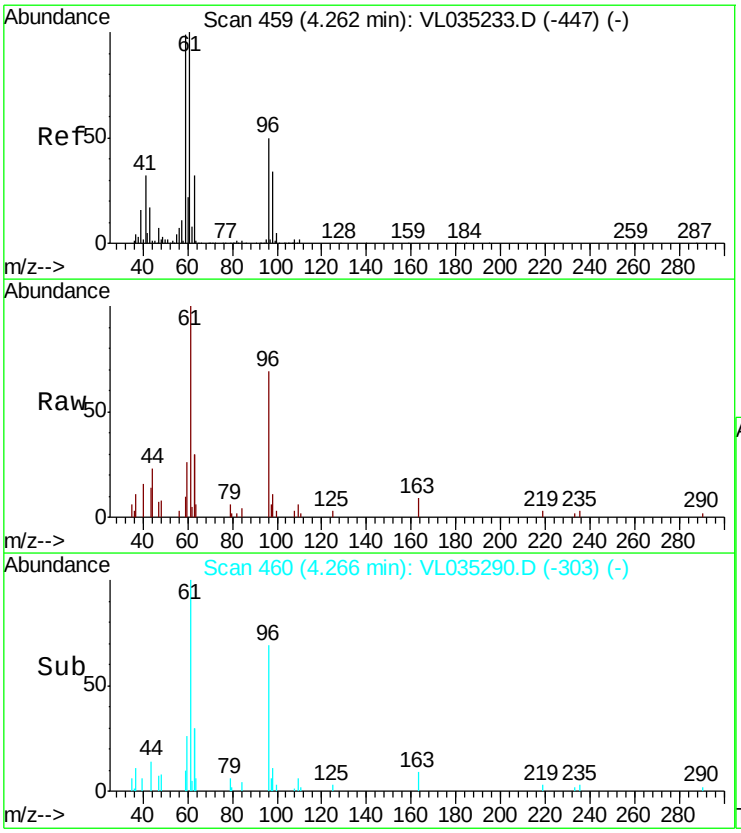
#16
1,3-Butadiene
Concen: 0.110 ppbv
RT: 3.30 min Scan# 160
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 39 Resp: 6293

Ion	Ratio	Lower	Upper
39	100		
54	93.0	68.2	102.2

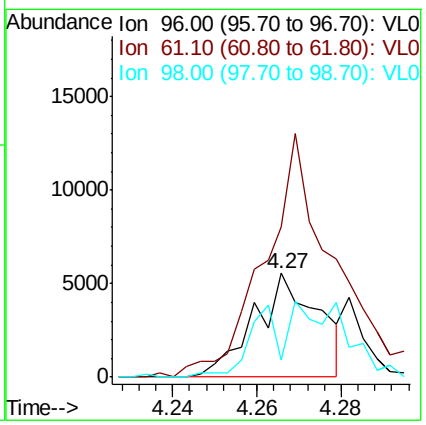


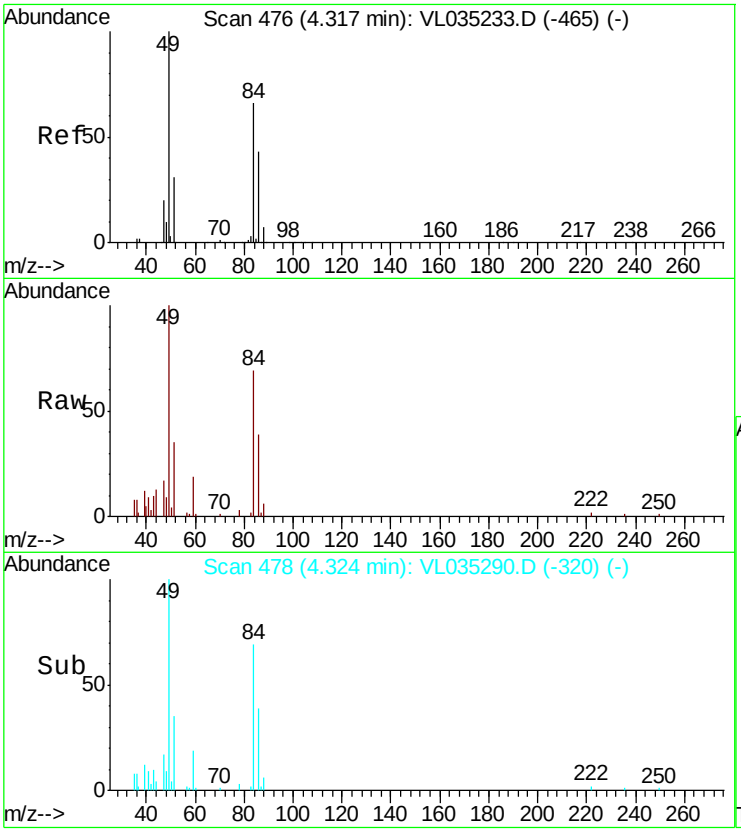


#18
1,1-Dichloroethene
Concen: 0.105 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 96 Resp: 5813

Ion	Ratio	Lower	Upper
96	100		
61	134.2	159.4	239.2#
98	16.6	53.9	80.9#



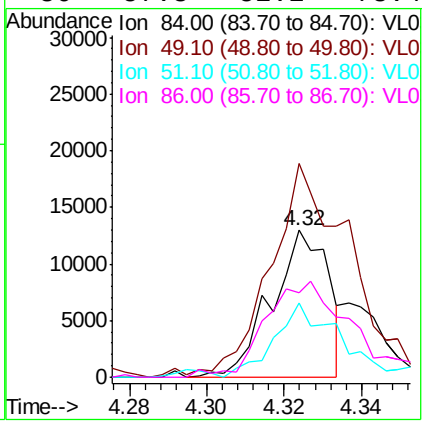


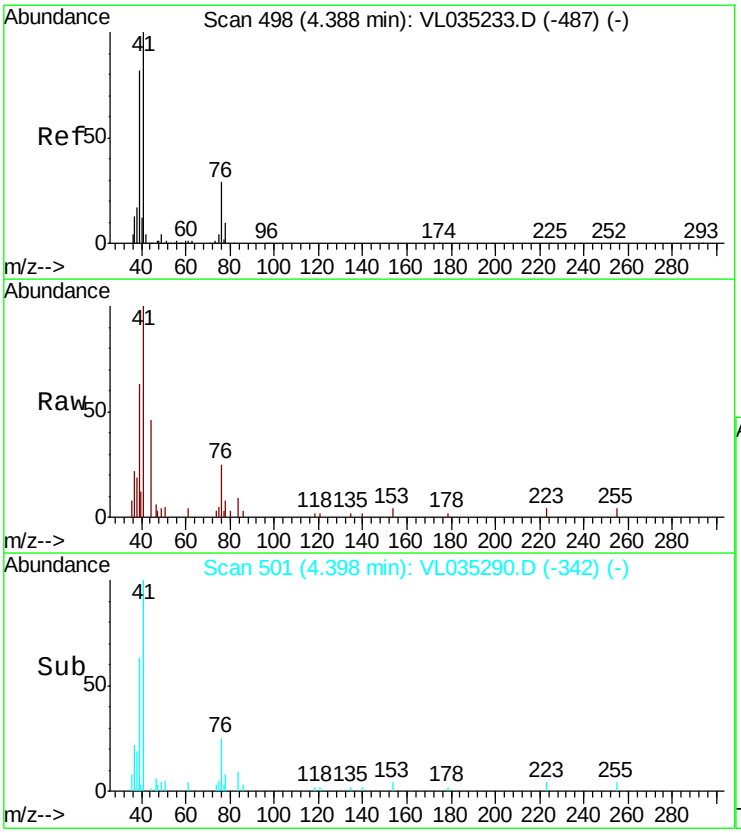
#20
Methylene Chloride
Concen: 0.199 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-01-QT3-2020

Tgt Ion: 84 Resp: 13266

Ion	Ratio	Lower	Upper
84	100		
49	143.6	121.0	181.4
51	44.7	37.7	56.5
86	57.3	52.2	78.4

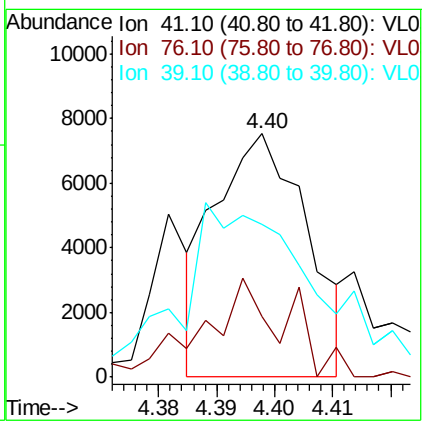


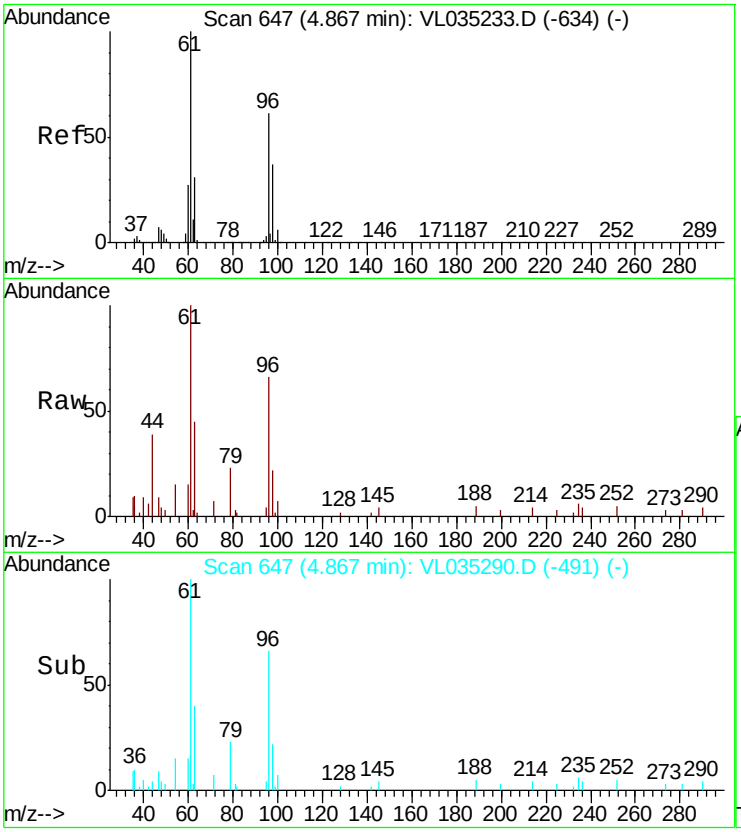


#21
Allyl Chloride
Concen: 0.100 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 41 Resp: 8332

Ion	Ratio	Lower	Upper
41	100		
76	38.1	24.4	36.6#
39	107.1	63.8	95.8#



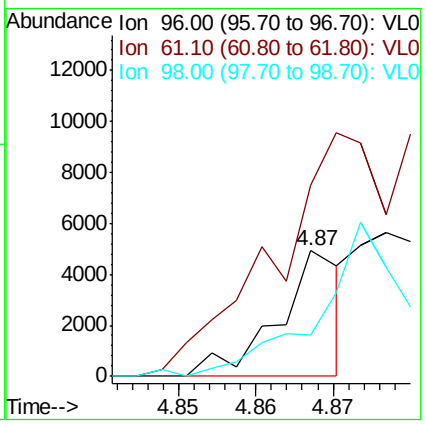


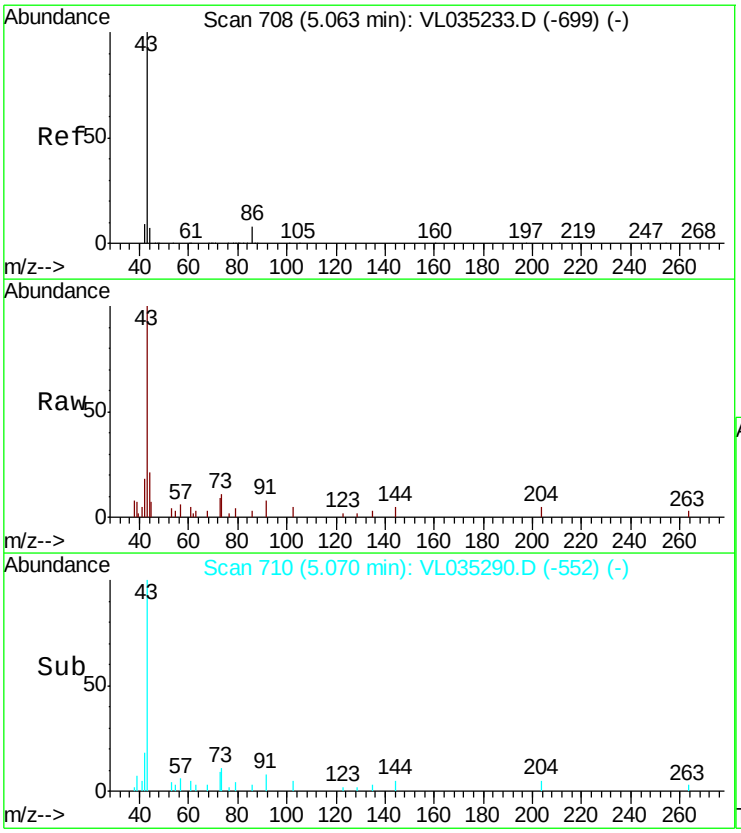
#22
trans-1,2-Dichloroethene
Concen: 0.053 ppbv
RT: 4.87 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 96 Resp: 2812

Ion	Ratio	Lower	Upper
96	100		
61	124.8	131.6	197.4#
98	33.3	49.0	73.4#

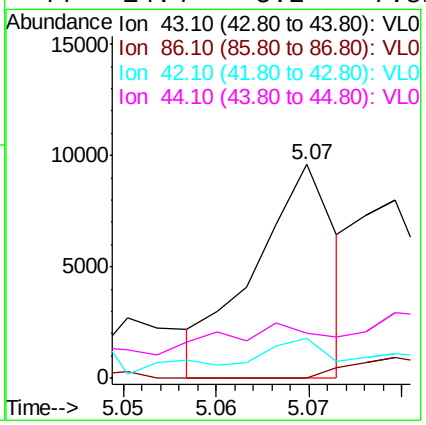


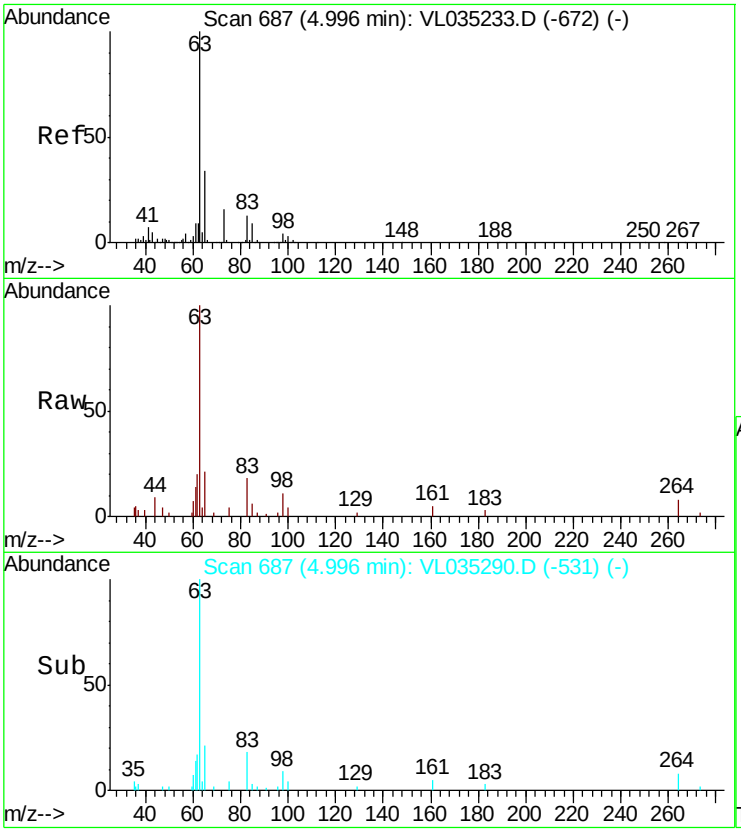


#23
Vinyl Acetate
Concen: 0.039 ppbv
RT: 5.07 min Scan# 710
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 43 Resp: 5798

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.2#
42	14.0	8.0	12.0#
44	14.4	5.2	7.8#



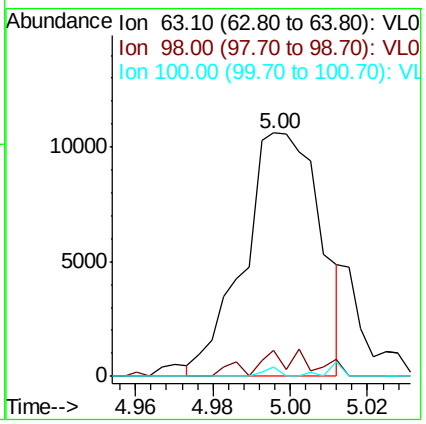


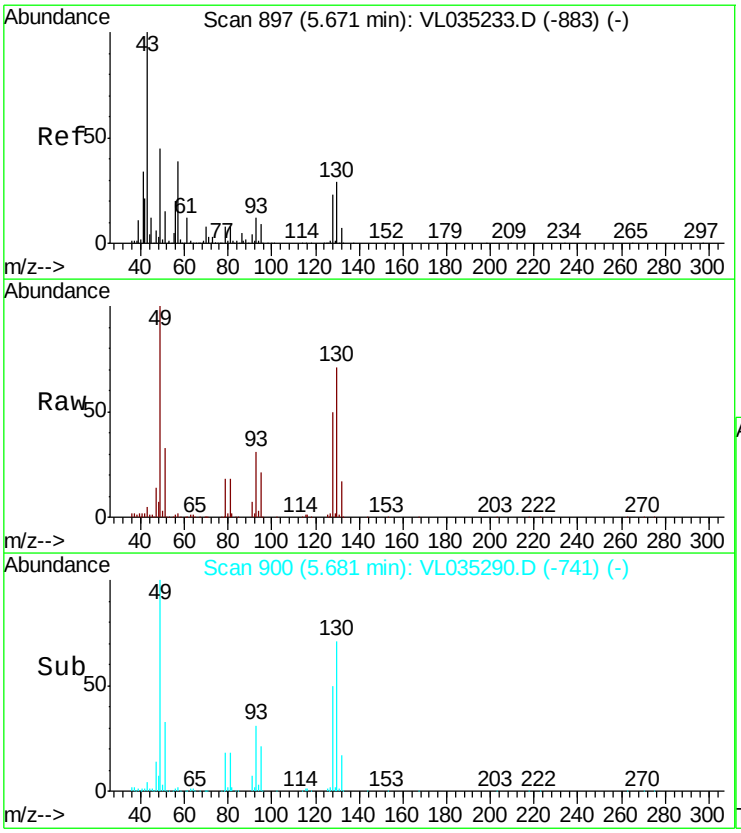
#24
1,1-Dichloroethane
Concen: 0.107 ppbv
RT: 5.00 min Scan# 687
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 63 Resp: 14637

Ion	Ratio	Lower	Upper
63	100		
98	11.2	1.9	5.7#
100	4.1	1.4	4.2

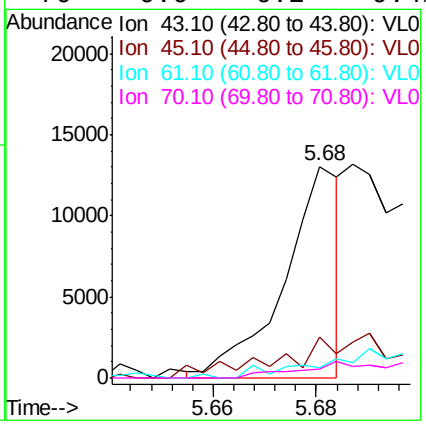


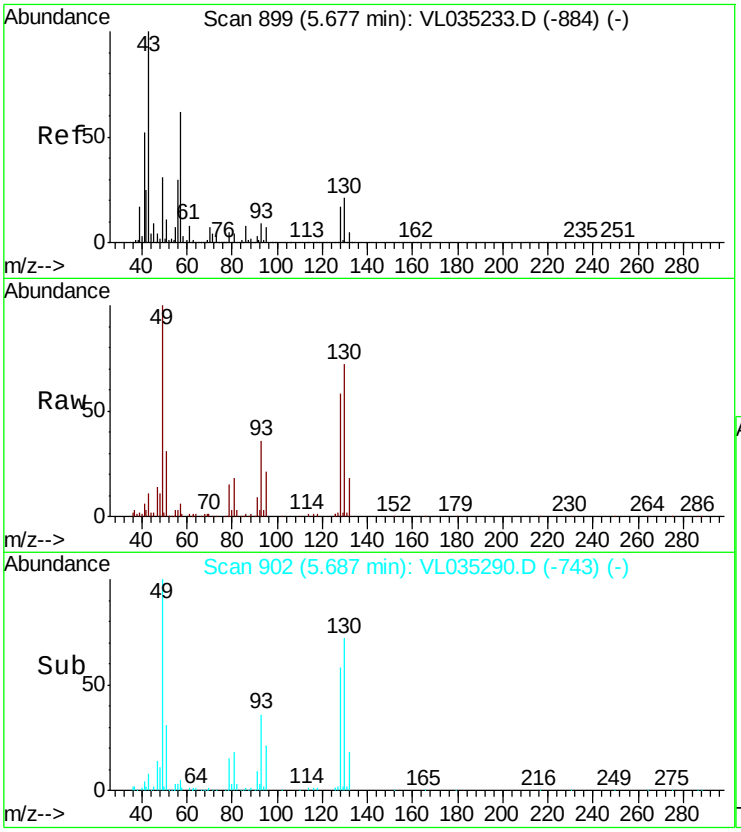


#25
Ethyl Acetate
Concen: 0.043 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 43 Resp: 9877

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.5	12.7#
61	0.0	8.1	12.1#
70	0.0	6.2	9.4#



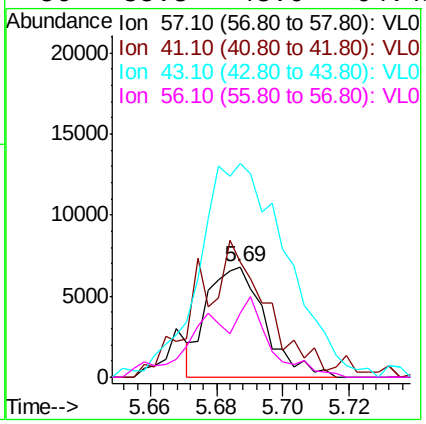


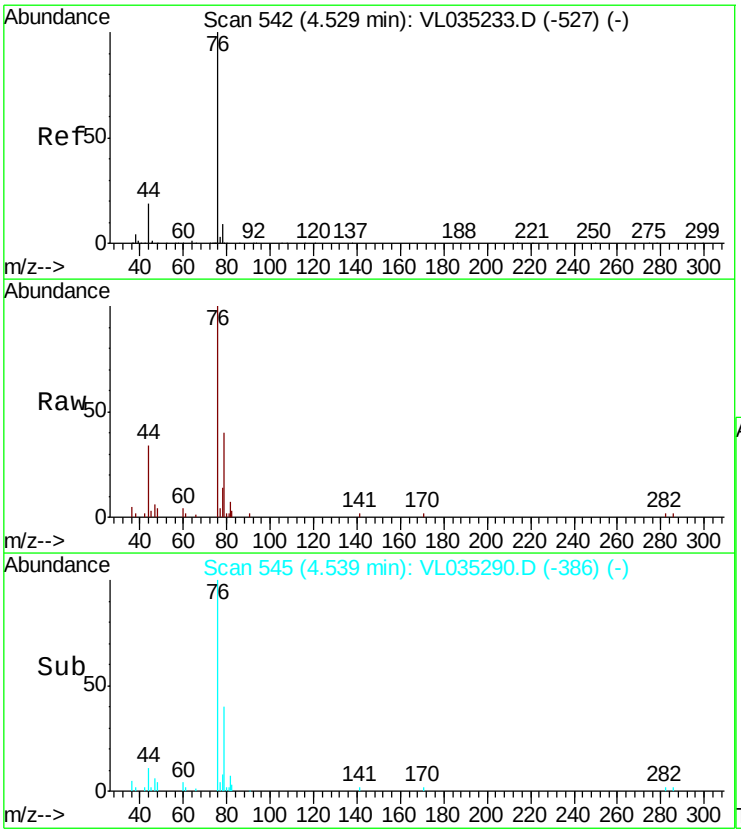
#26
Hexane
Concen: 0.080 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-01-QT3-2020

Tgt Ion: 57 Resp: 8246

Ion	Ratio	Lower	Upper
57	100		
41	158.1	73.9	110.9#
43	305.2	177.6	266.4#
56	85.3	43.0	64.4#

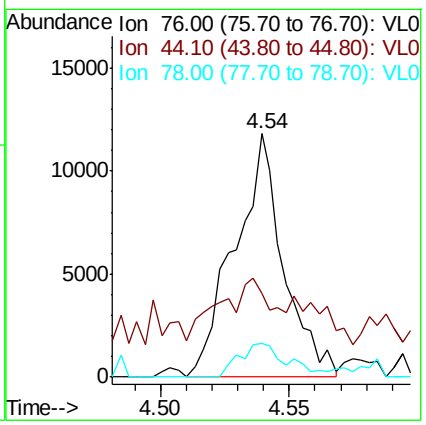


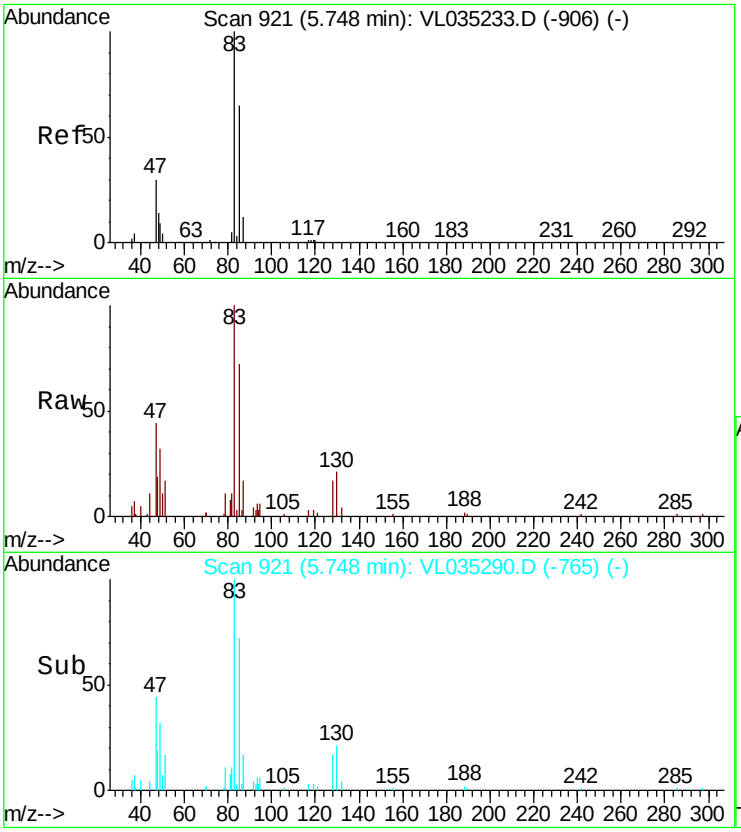


#27
Carbon Disulfide
Concen: 0.112 ppbv
RT: 4.54 min Scan# 545
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 76 Resp: 15620

Ion	Ratio	Lower	Upper
76	100		
44	58.4	14.7	22.1#
78	17.5	7.6	11.4#



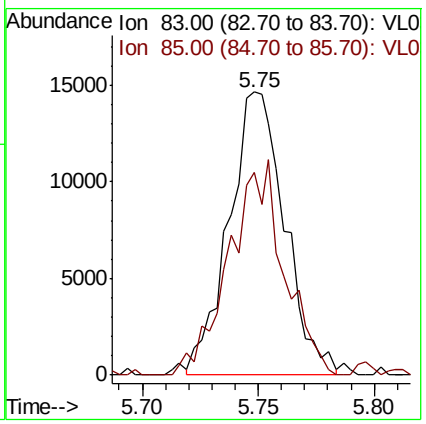


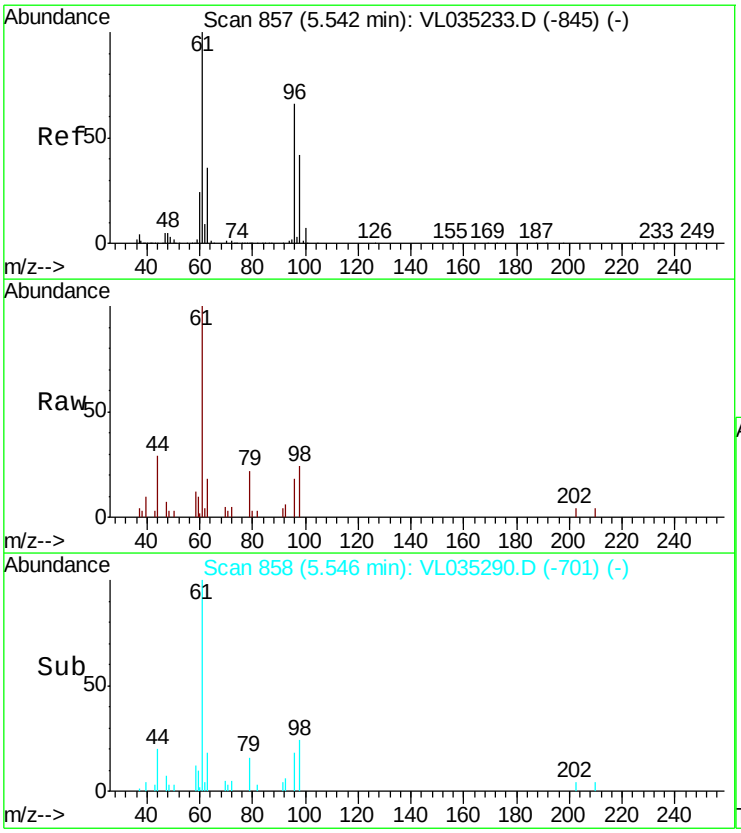
#29
Chloroform
Concen: 0.142 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 83 Resp: 24572

Ion	Ratio	Lower	Upper
83	100		
85	73.3	51.7	77.5

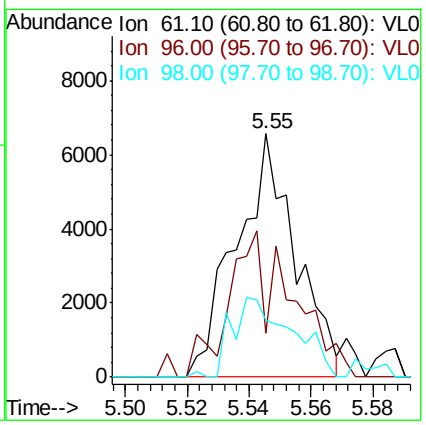


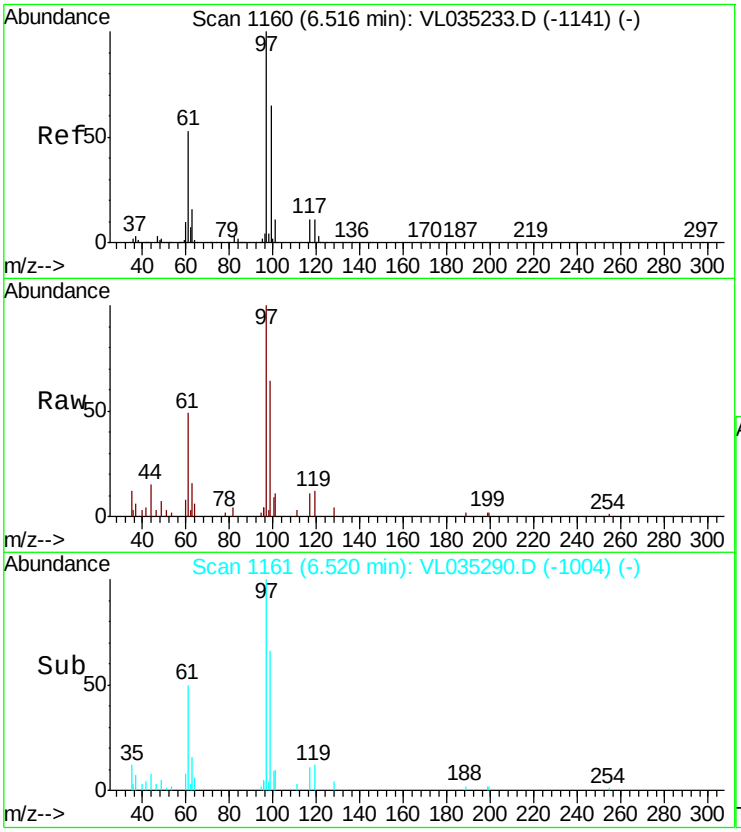


#31
cis-1,2-Dichloroethene
Concen: 0.097 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 61 Resp: 8757

Ion	Ratio	Lower	Upper
61	100		
96	18.2	52.6	78.8#
98	23.5	33.7	50.5#



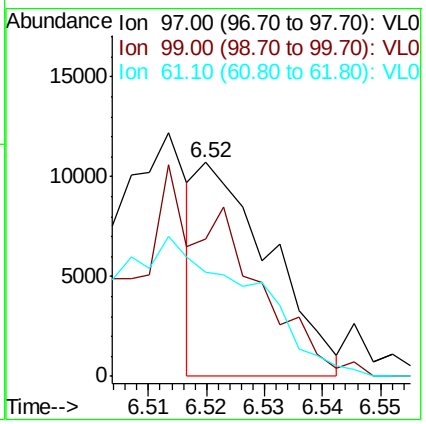


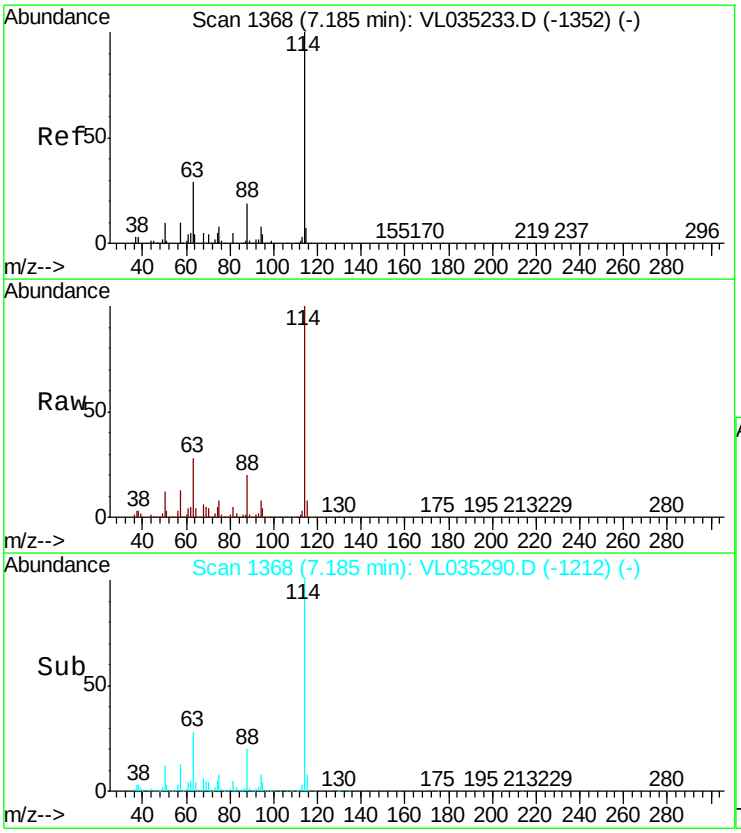
#32
1,1,1-Trichloroethane
Concen: 0.052 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 97 Resp: 9233

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	0.0	40.4	60.6#

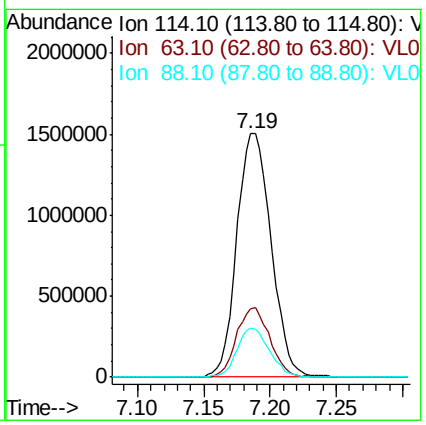


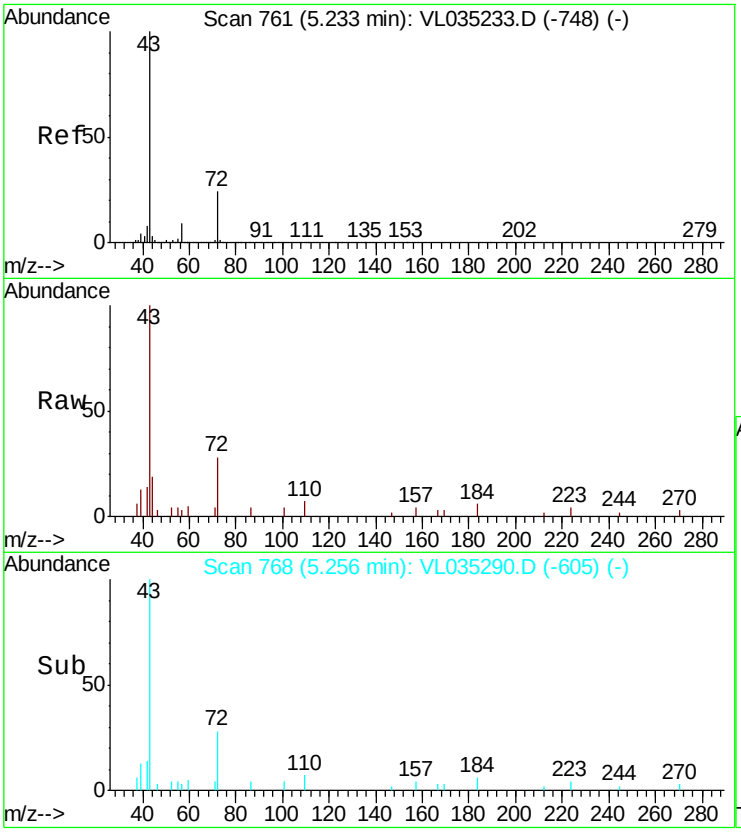


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:114 Resp: 2707390

Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.2	33.2
88	19.2	15.4	23.0



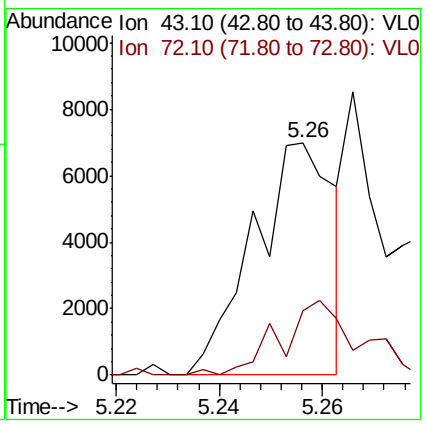


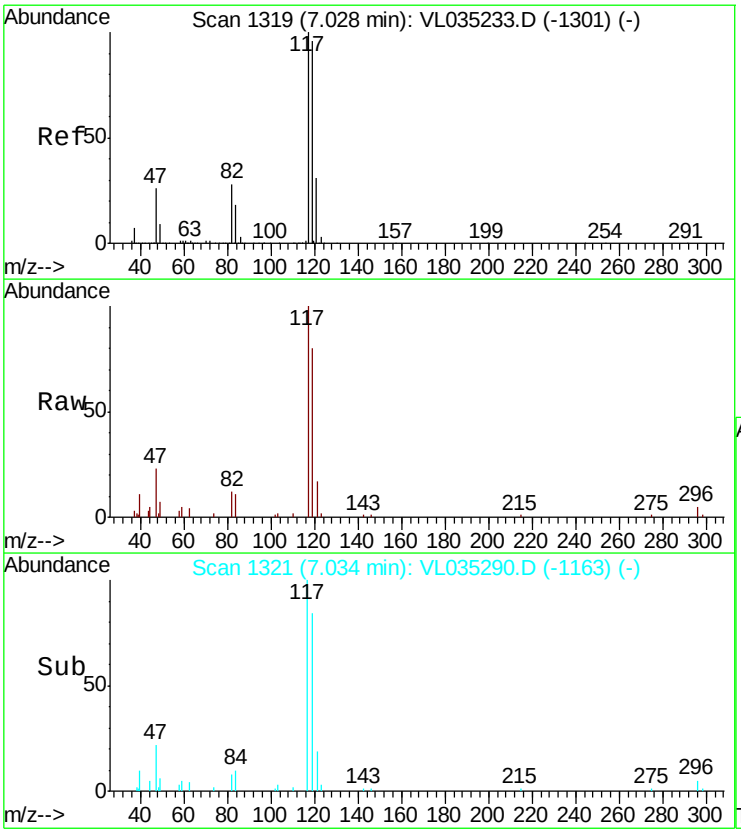
#34
2-Butanone
Concen: 0.054 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.02 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 43 Resp: 7491

Ion	Ratio	Lower	Upper
43	100		
72	33.2	19.2	28.8#

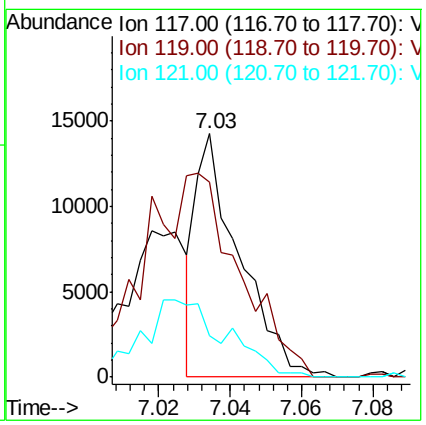


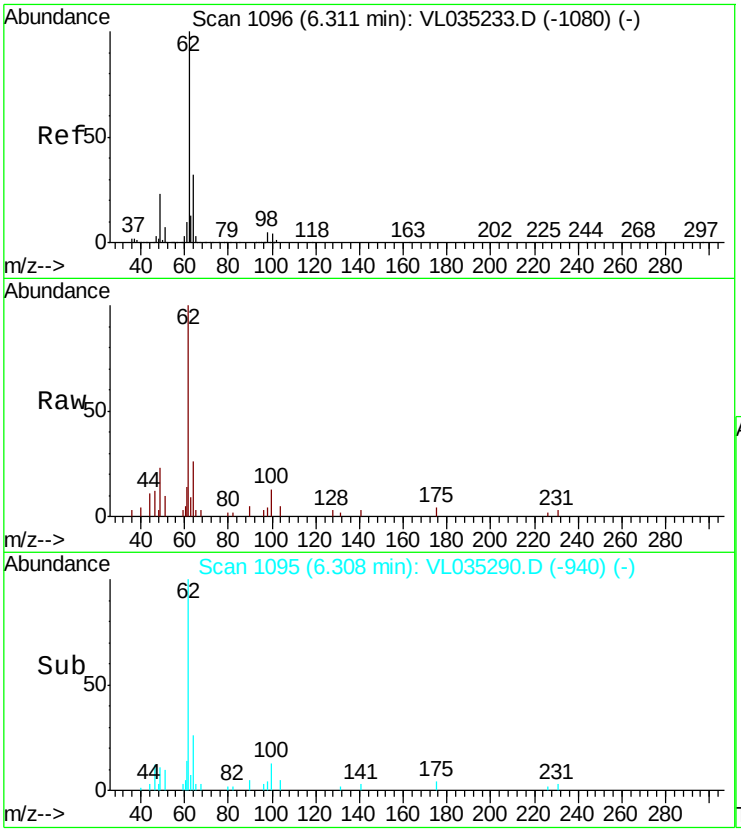


#35
Carbon Tetrachloride
Concen: 0.067 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:117 Resp: 12065

Ion	Ratio	Lower	Upper
117	100		
119	80.2	76.8	115.2
121	17.2	24.5	36.7#



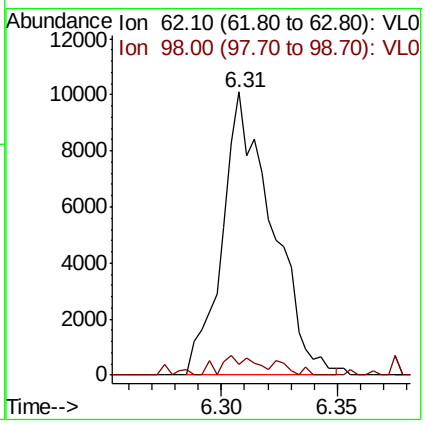


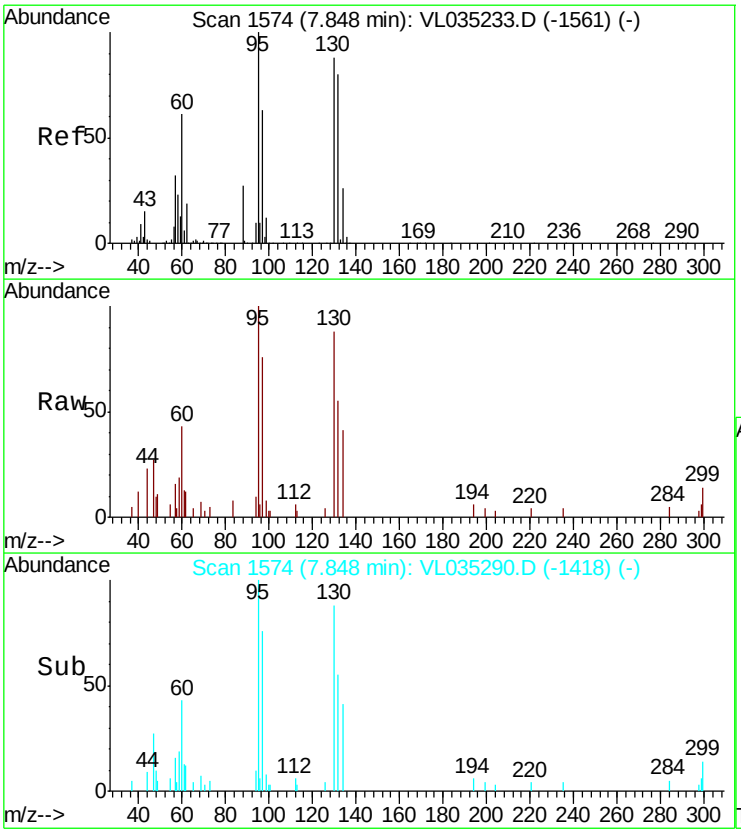
#37
1,2-Dichloroethane
Concen: 0.115 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 62 Resp: 15065

Ion	Ratio	Lower	Upper
62	100		
98	7.6	4.5	6.7#

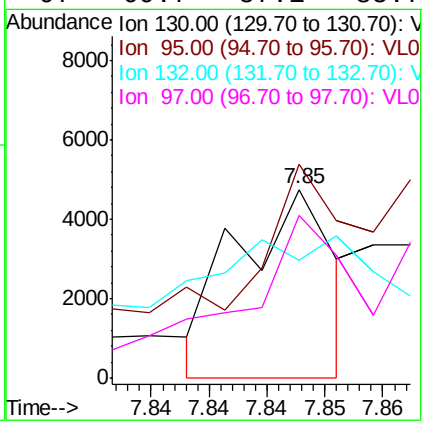


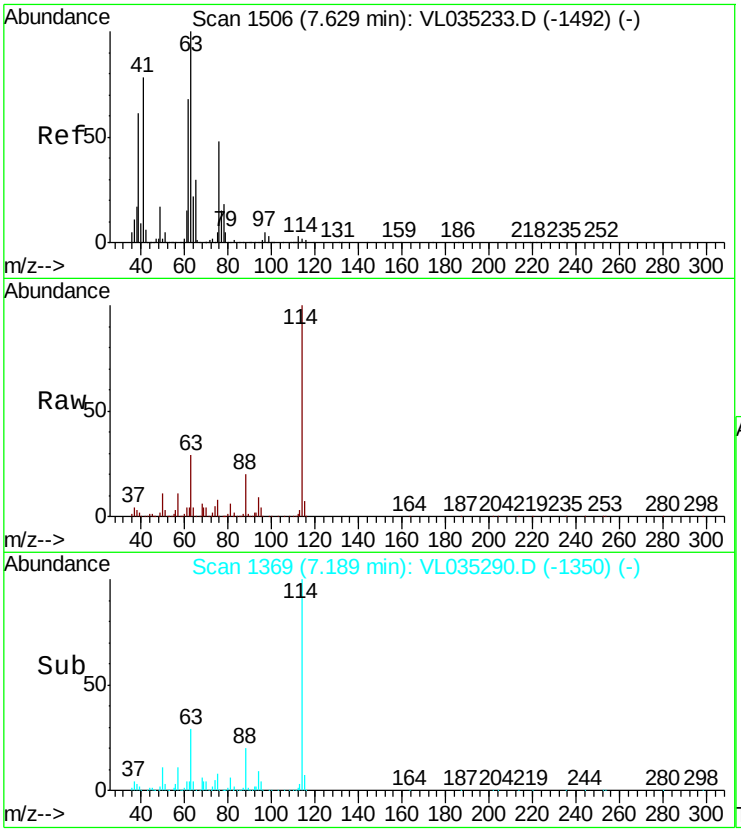


#38
Trichloroethene
Concen: 0.035 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:130 Resp: 2747

Ion	Ratio	Lower	Upper
130	100		
95	83.6	90.7	136.1#
132	13.9	72.9	109.3#
97	69.7	57.1	85.7



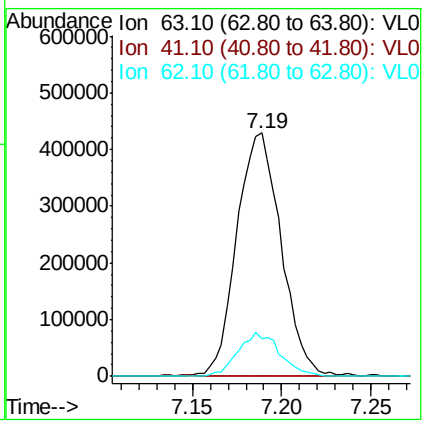


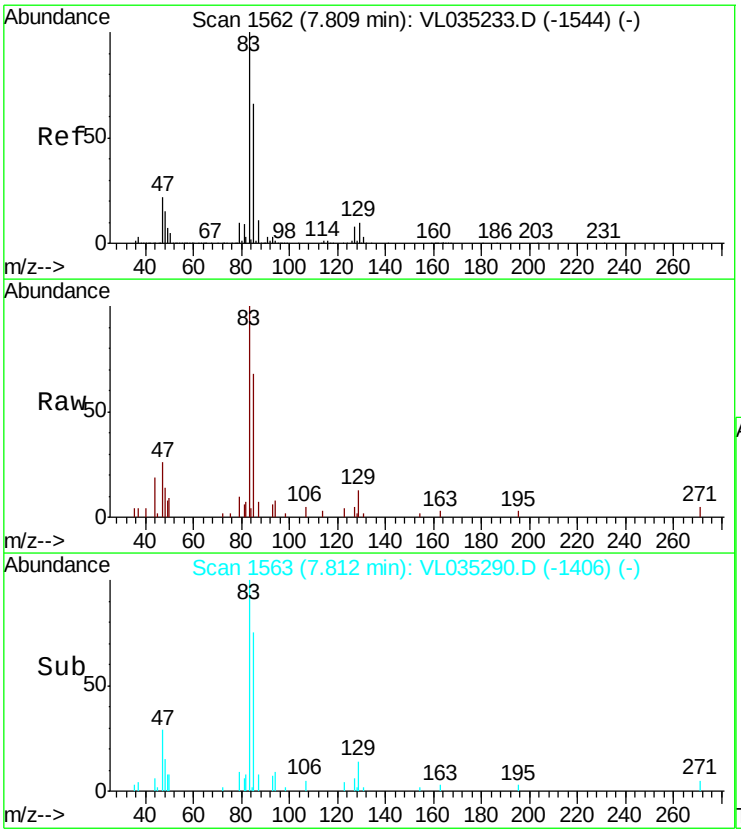
#39
1,2-Dichloropropane
Concen: 9.920 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.44 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 63 Resp: 744677

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.2	93.4#
62	15.4	54.2	81.2#

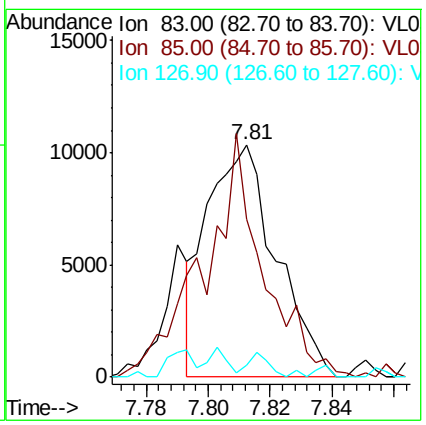


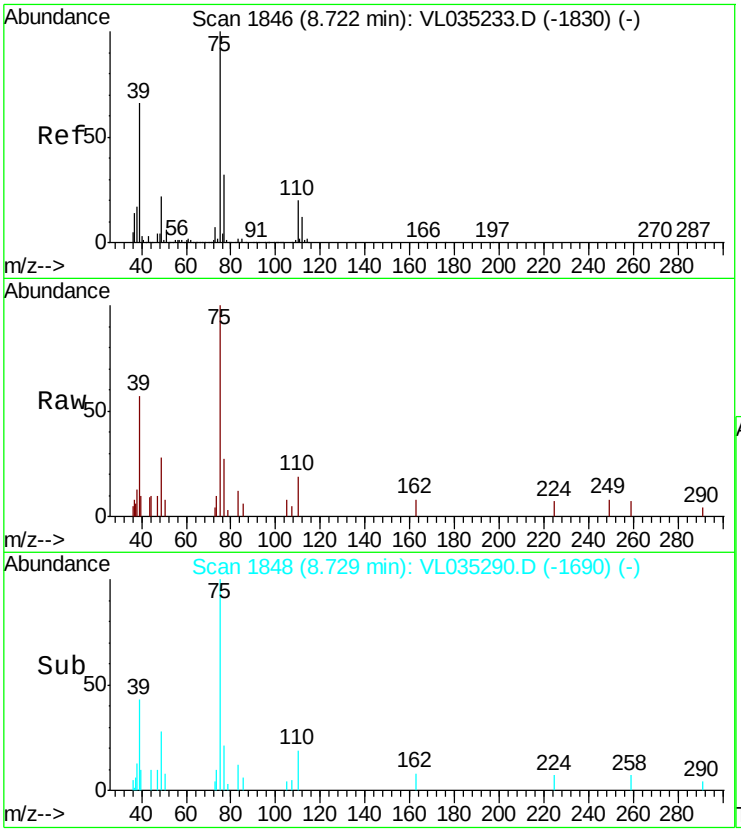


#42
Bromodichloromethane
Concen: 0.091 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 83 Resp: 15998

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.9	79.3
127	5.2	6.5	9.7#



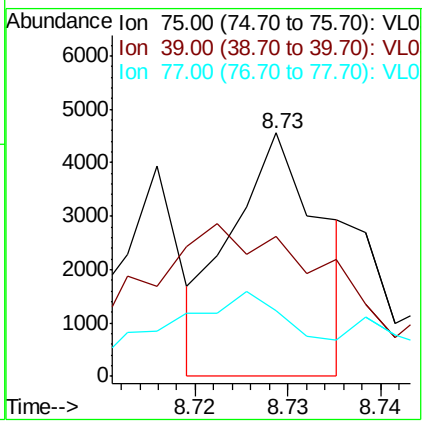


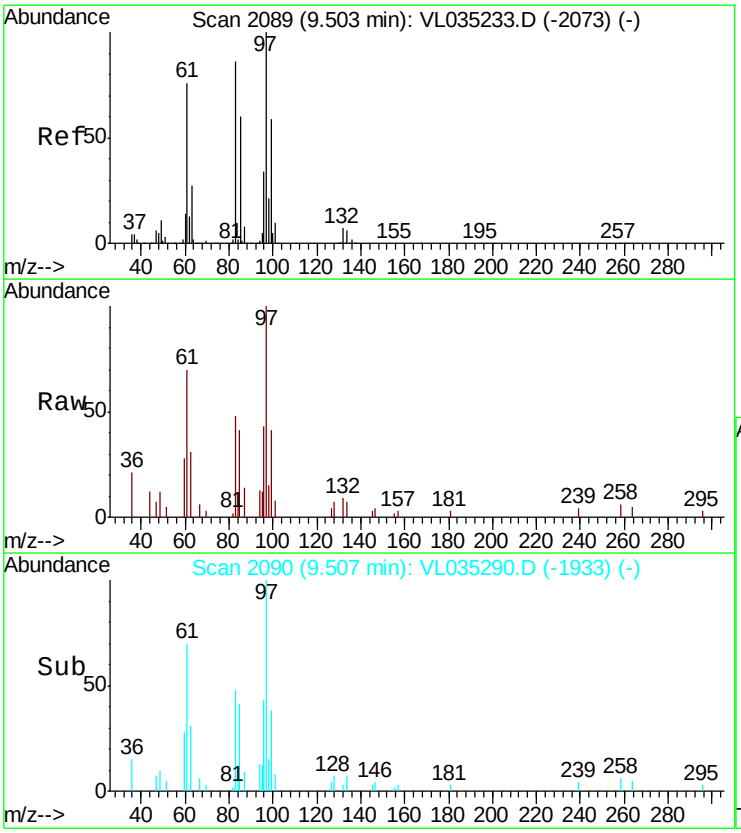
#46
cis-1,3-Dichloropropene
Concen: 0.031 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 75 Resp: 3073

Ion	Ratio	Lower	Upper
75	100		
39	14.8	53.0	79.4#
77	20.0	25.8	38.8#

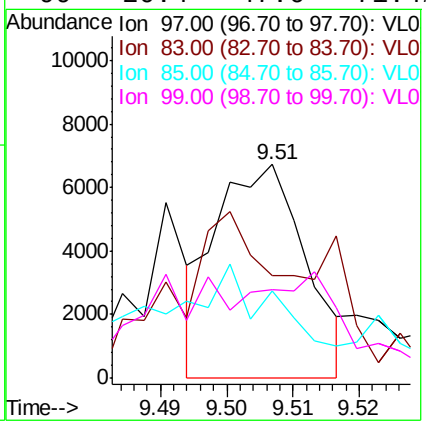


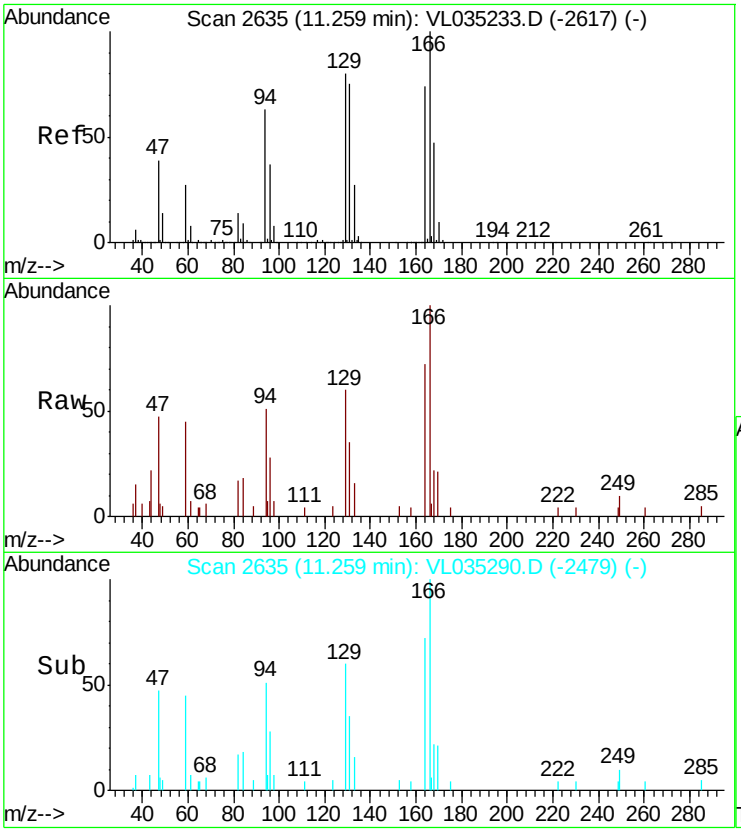


#47
1,1,2-Trichloroethane
Concen: 0.071 ppbv
RT: 9.51 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 97 Resp: 6297

Ion	Ratio	Lower	Upper
97	100		
83	27.2	69.0	103.4#
85	36.4	47.8	71.8#
99	20.4	47.6	71.4#



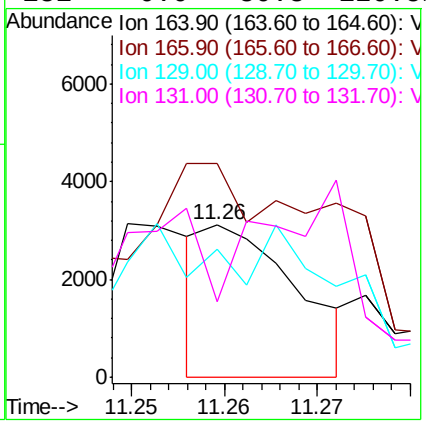


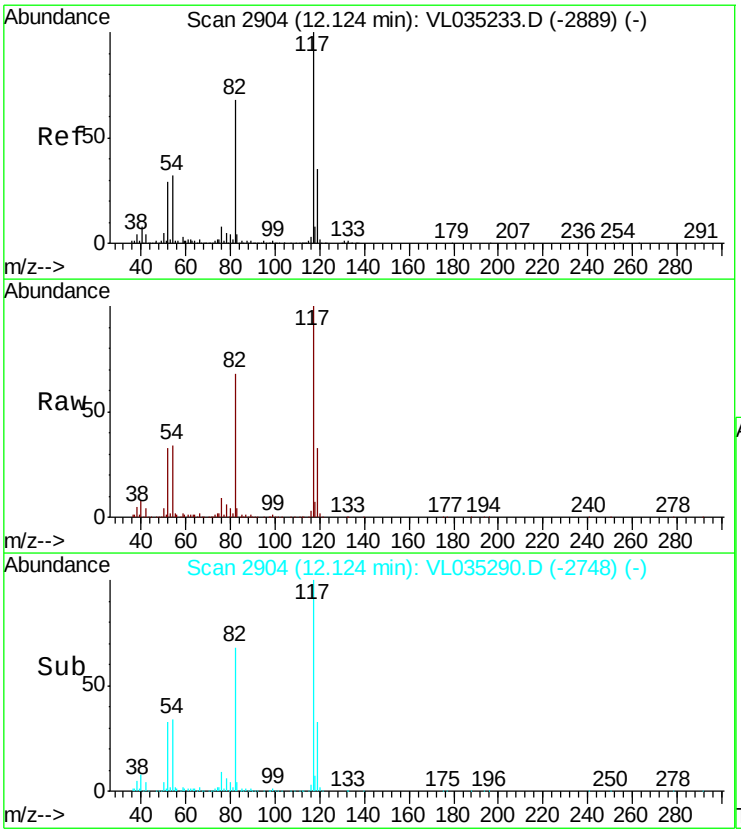
#52
Tetrachloroethene
Concen: 0.030 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:164 Resp: 2170

Ion	Ratio	Lower	Upper
164	100		
166	46.6	107.5	161.3#
129	44.4	86.0	129.0#
131	0.0	80.3	120.5#

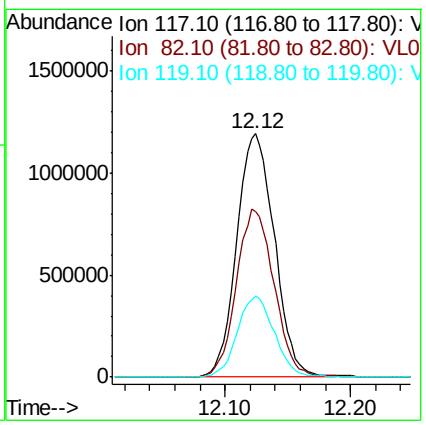


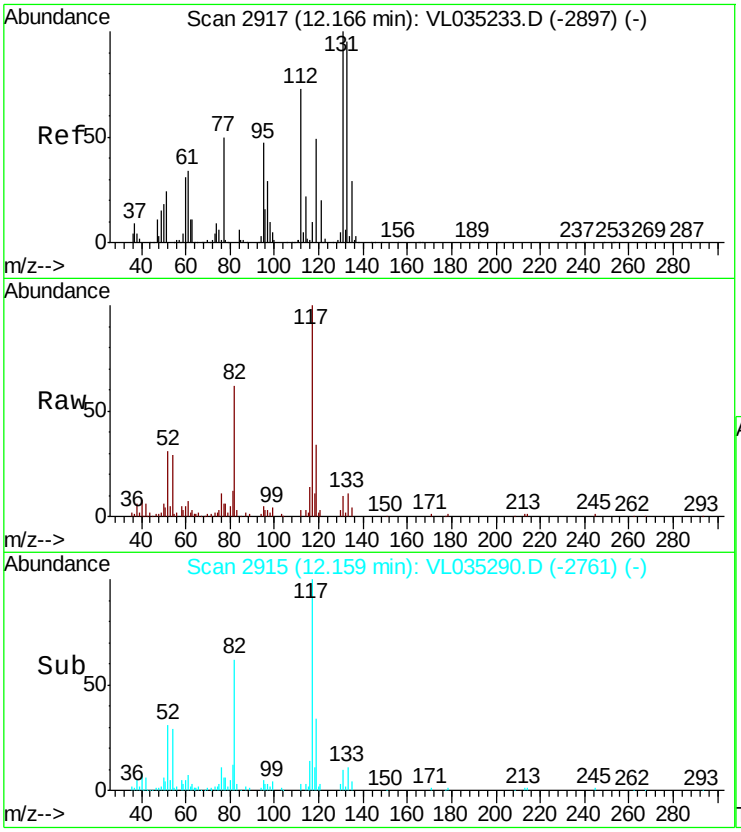


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:117 Resp: 2497311

Ion	Ratio	Lower	Upper
117	100		
82	69.2	52.4	78.6
119	32.8	24.6	36.8



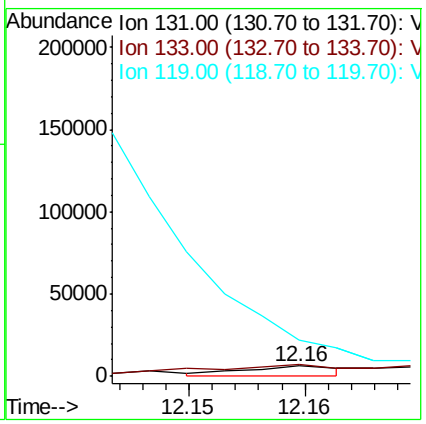


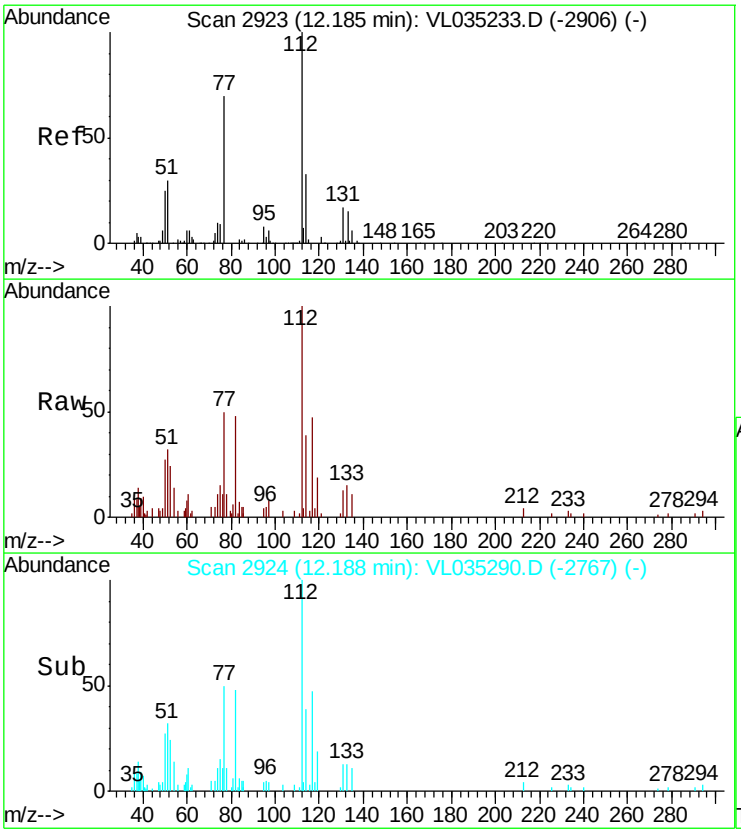
#56
1,1,1,2-Tetrachloroethane
Concen: 0.031 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:131 Resp: 3610

Ion	Ratio	Lower	Upper
131	100		
133	422.8	76.1	114.1#
119	0.0	44.3	66.5#

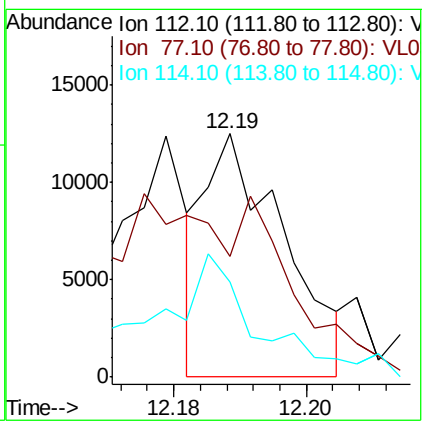


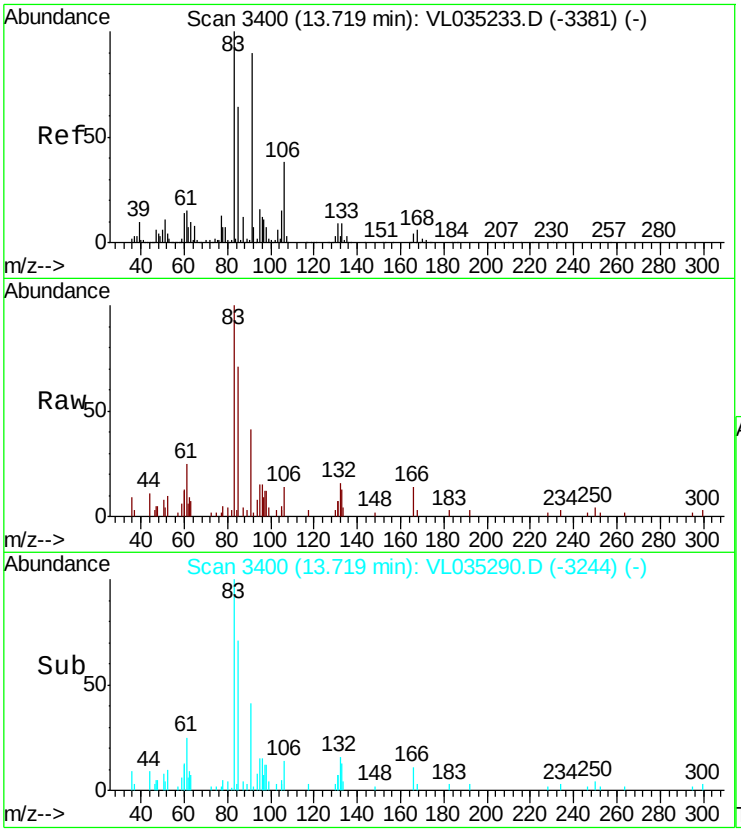


#57
Chlorobenzene
Concen: 0.055 ppbv
RT: 12.19 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:112 Resp: 10350

Ion	Ratio	Lower	Upper
112	100		
77	49.8	57.3	85.9#
114	40.9	29.3	35.8#



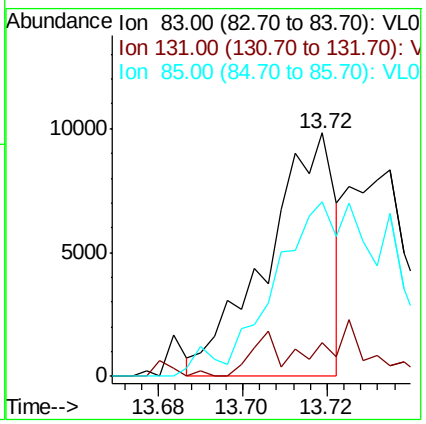


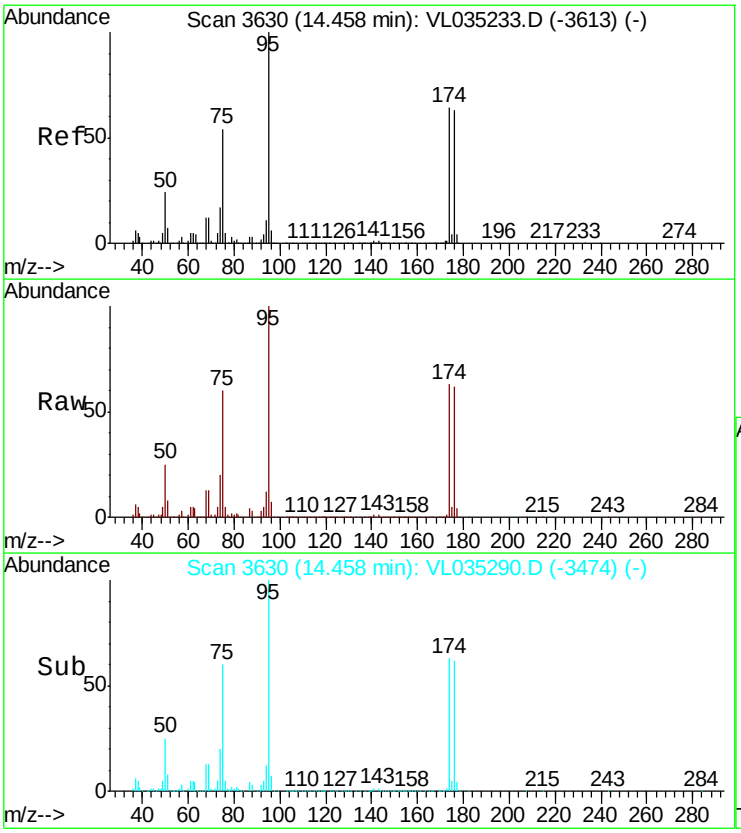
#63
1,1,2,2-Tetrachloroethane
Concen: 0.052 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion: 83 Resp: 11044

Ion	Ratio	Lower	Upper
83	100		
131	29.3	4.6	13.8#
85	135.4	32.7	98.1#

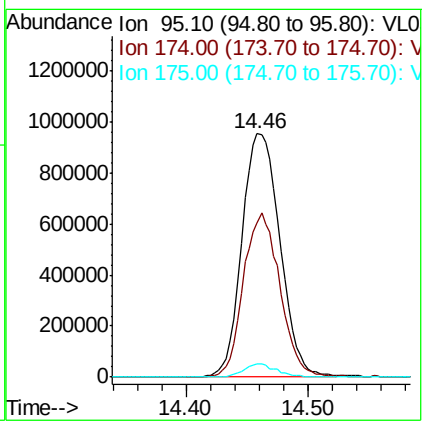


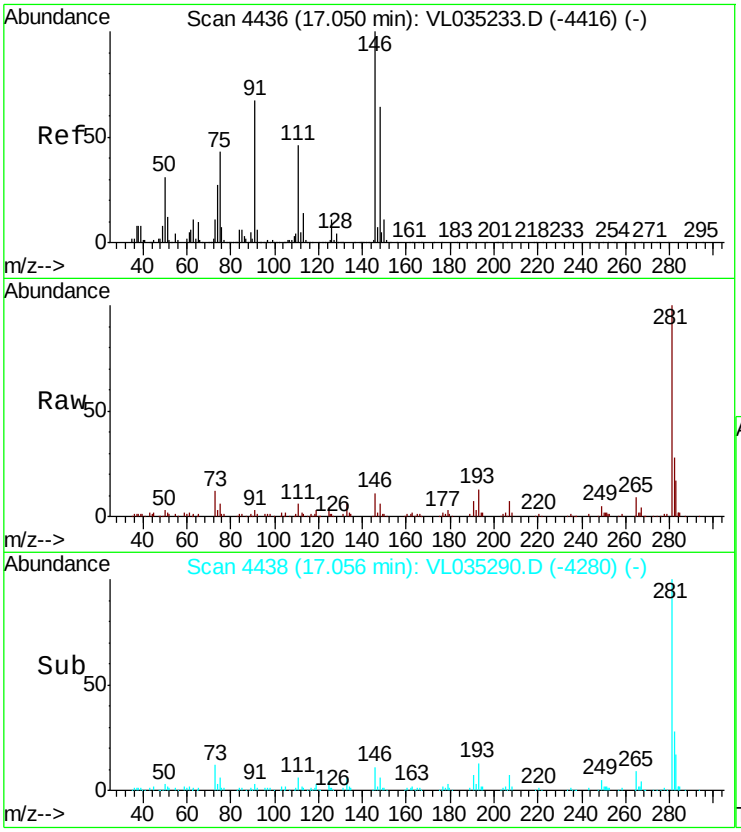


#68
1-Bromo-4-Fluorobenzene
Concen: 10.281 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion: 95 Resp: 2051642

Ion	Ratio	Lower	Upper
95	100		
174	65.1	52.7	79.1
175	4.7	3.9	5.9



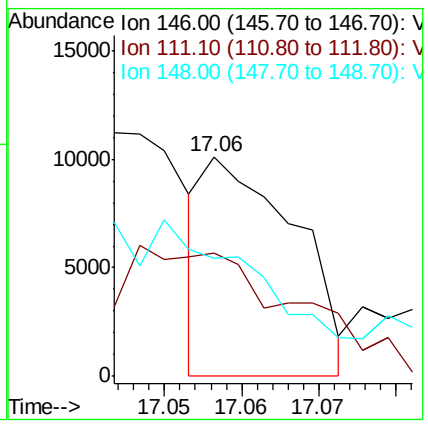


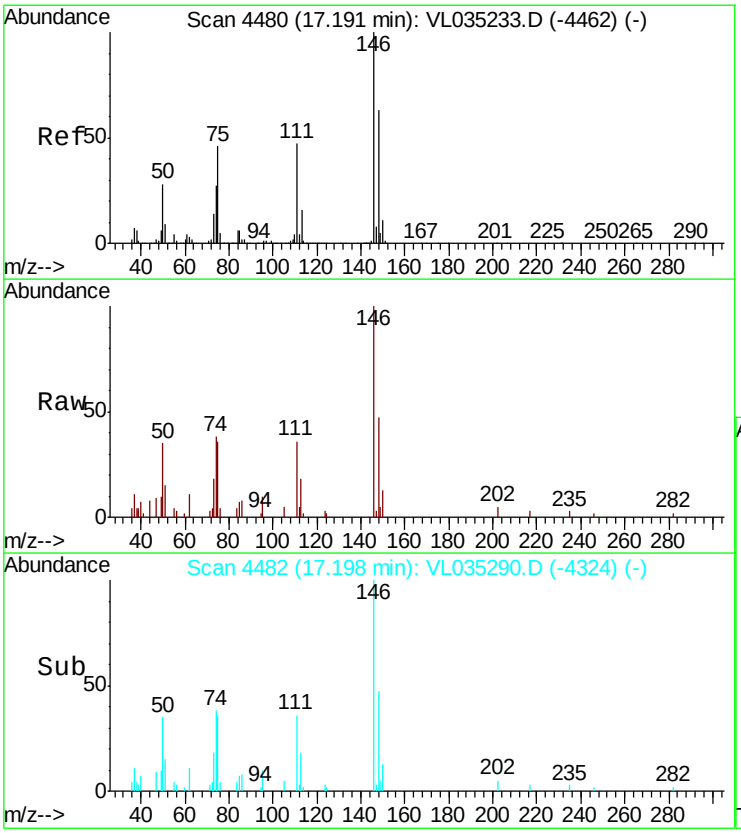
#75
1,3-Dichlorobenzene
Concen: 0.041 ppbv
RT: 17.06 min Scan# 4438
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:146 Resp: 8291

Ion	Ratio	Lower	Upper
146	100		
111	104.3	24.4	73.4#
148	0.0	32.1	96.5#

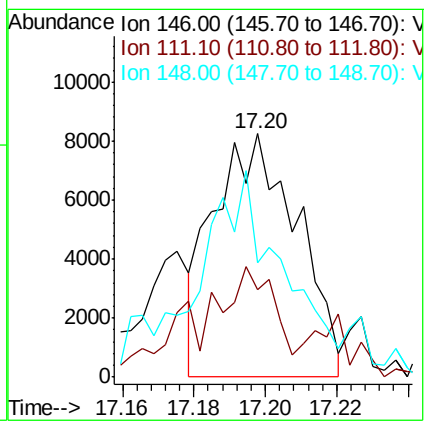


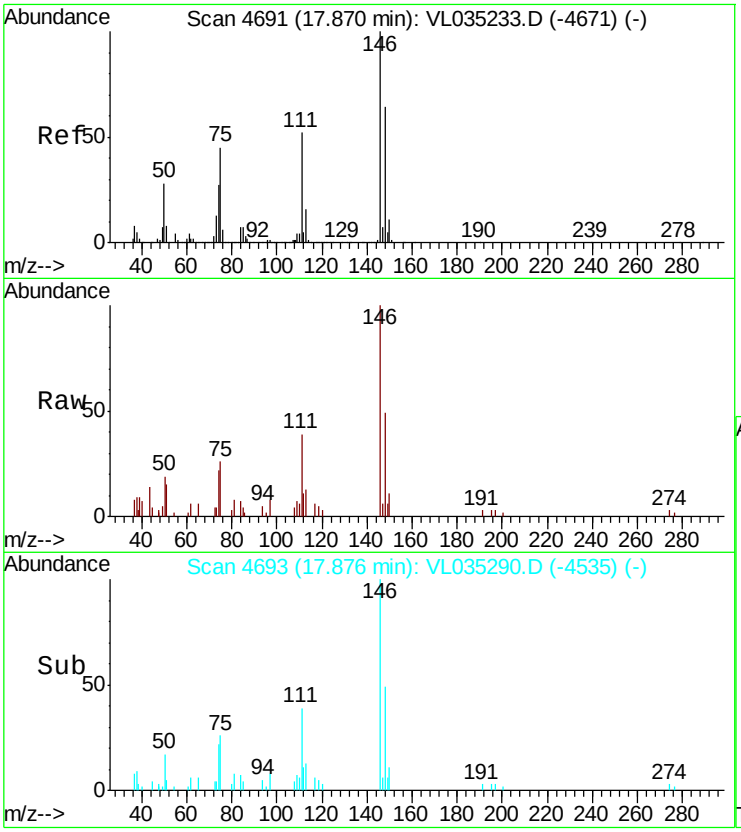


#76
1,4-Dichlorobenzene
Concen: 0.073 ppbv
RT: 17.20 min Scan# 4482
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:146 Resp: 13396

Ion	Ratio	Lower	Upper
146	100		
111	55.0	23.4	70.2
148	97.8	32.2	96.6#



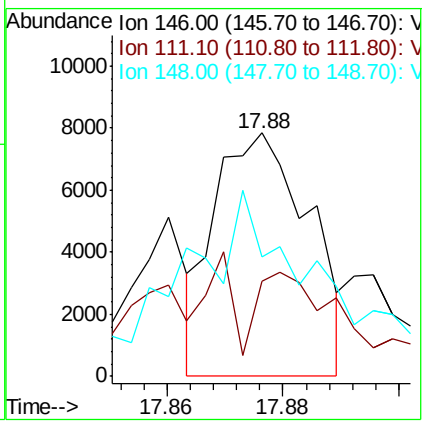


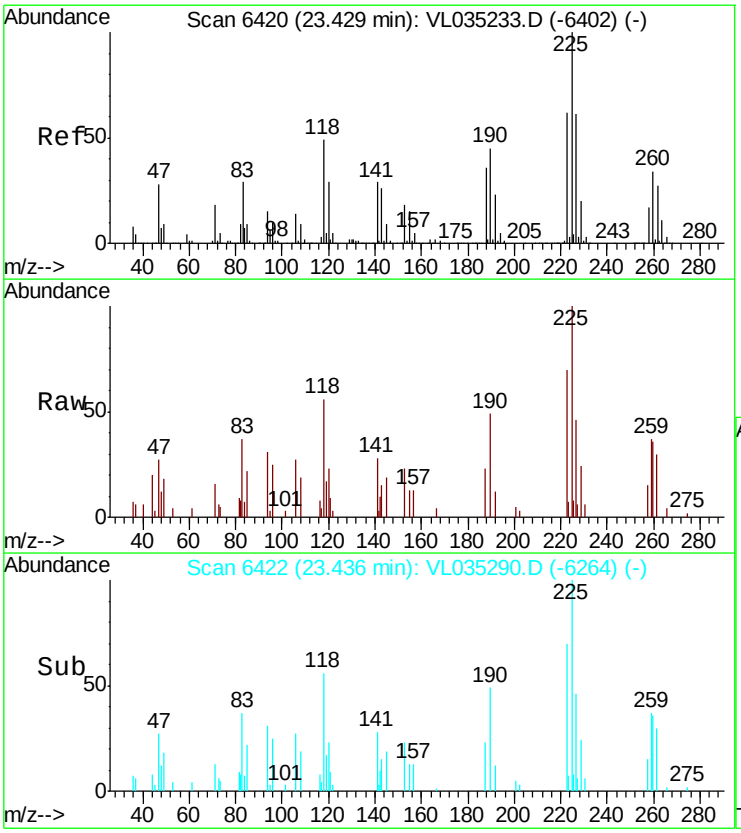
#77
1,2-Dichlorobenzene
Concen: 0.049 ppbv
RT: 17.88 min Scan# 4693
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:146 Resp: 8874

Ion	Ratio	Lower	Upper
146	100		
111	41.9	24.6	73.8
148	121.9	32.0	96.0#

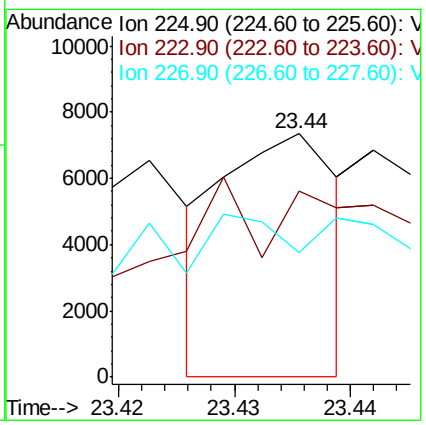


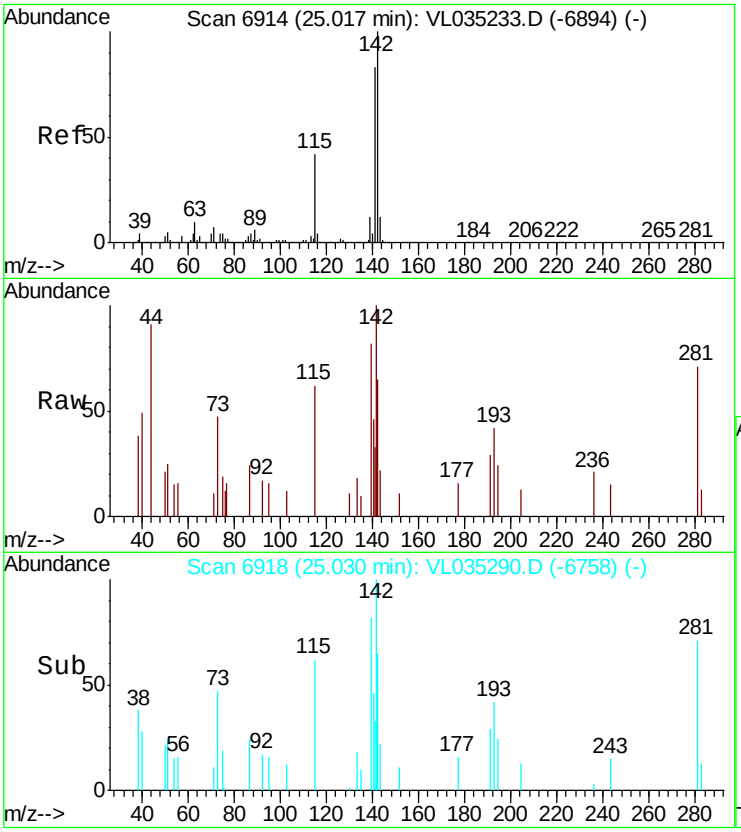


#78
Hexachloro-1,3-Butadiene
Concen: 0.034 ppbv
RT: 23.44 min Scan# 6422
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Tgt Ion:225 Resp: 5059

Ion	Ratio	Lower	Upper
225	100		
223	251.4	51.3	76.9#
227	225.8	51.4	77.2#





#80
Naphthalene,2-methyl-
Concen: 0.038 ppbv
RT: 25.03 min Scan# 6918
Delta R.T. 0.01 min
Lab File: VL035290.D
Acq: 30 Jul 2020 21:56

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-01-QT3-2020

Tgt Ion:142 Resp: 3109

Ion	Ratio	Lower	Upper
142	100		
141	91.3	68.6	103.0
115	38.4	34.5	51.7