Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035289.D
Acq On : 30 Jul 2020 21:19
Operator : SY/AP
Sample : L3216-15 0.4
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 31 05:34:49 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	1075604	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2729933	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	2458397	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	2076253	10.57	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	82197	0.640	ppbv		93
3) Chlorodifluoromethane	2.95	51	55063	0.462	ppbv		98
4) Chloromethane	3.11	50	30804	0.460	ppbv	#	75
5) Vinyl Chloride	3.23	62	28092	0.403	ppbv	#	79
6) Bromomethane	3.44	94	19886	0.461	ppbv		83
7) Chloroethane	3.53	64	12171m	0.483	ppbv		
8) Dichlorotetrafluoroethane	3.15	85	89727	0.550	ppbv		93
9) Propene	2.97	41	14045m	0.338	ppbv		
10) Heptane	8.14	43	32774m	0.292	ppbv		
11) Trichlorofluoromethane	3.93	101	92575	0.536	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	61635	0.503	ppbv		97
13) Ethanol	3.59	45	8942m	0.529	ppbv		
14) Bromoethene	3.71	108	20466	0.409	ppbv	#	82
15) Acetone	3.84	43	76452	0.533	ppbv		94
16) 1,3-Butadiene	3.30	39	20746	0.371	ppbv		94
17) tert-Butyl alcohol	4.29	59	59394	0.429	ppbv		97
18) 1,1-Dichloroethene	4.27	96	26670m	0.490	ppbv		
19) Isopropyl Alcohol	3.95	45	38298	0.405	ppbv	#	77
20) Methylene Chloride	4.32	84	40884m	0.626	ppbv		
21) Allyl Chloride	4.40	41	35634	0.436	ppbv		94
22) trans-1,2-Dichloroethene	4.88	96	25766	0.493	ppbv	#	77
23) Vinyl Acetate	5.07	43	46900m	0.325	ppbv		
24) 1,1-Dichloroethane	5.00	63	60562	0.450	ppbv		97
25) Ethyl Acetate	5.68	43	87324	0.390	ppbv	#	96
26) Hexane	5.69	57	33198	0.328	ppbv	#	65
27) Carbon Disulfide	4.53	76	58327	0.427	ppbv	#	93
28) Methyl tert-Butyl Ether	5.04	73	44336	0.307	ppbv		92
29) Chloroform	5.75	83	80963	0.478	ppbv		94
30) Cyclohexane	7.17	84	24567m	0.340	ppbv		
31) cis-1,2-Dichloroethene	5.54	61	30671	0.348	ppbv	#	82
32) 1,1,1-Trichloroethane	6.52	97	74462	0.429	ppbv		97
34) 2-Butanone	5.25	43	41190	0.297	ppbv		97
35) Carbon Tetrachloride	7.03	117	75750m	0.414	ppbv		
36) Benzene	6.90	78	55242m	0.291	ppbv		
37) 1,2-Dichloroethane	6.31	62	56046m	0.423	ppbv		
38) Trichloroethene	7.85	130	24724m	0.314	ppbv		
39) 1,2-Dichloropropane	7.63	63	28471m	0.376	ppbv		
40) 1,4-Dioxane	7.89	88	9879m	0.331	ppbv		
41) Tetrahydrofuran	6.07	42	16950m	0.249	ppbv		
42) Bromodichloromethane	7.81	83	75383m	0.426	ppbv		
43) Methyl Methacrylate	8.03	69	20173m	0.245	ppbv		

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035289.D
Acq On : 30 Jul 2020 21:19
Operator : SY/AP
Sample : L3216-15 0.4
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 31 05:34:49 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

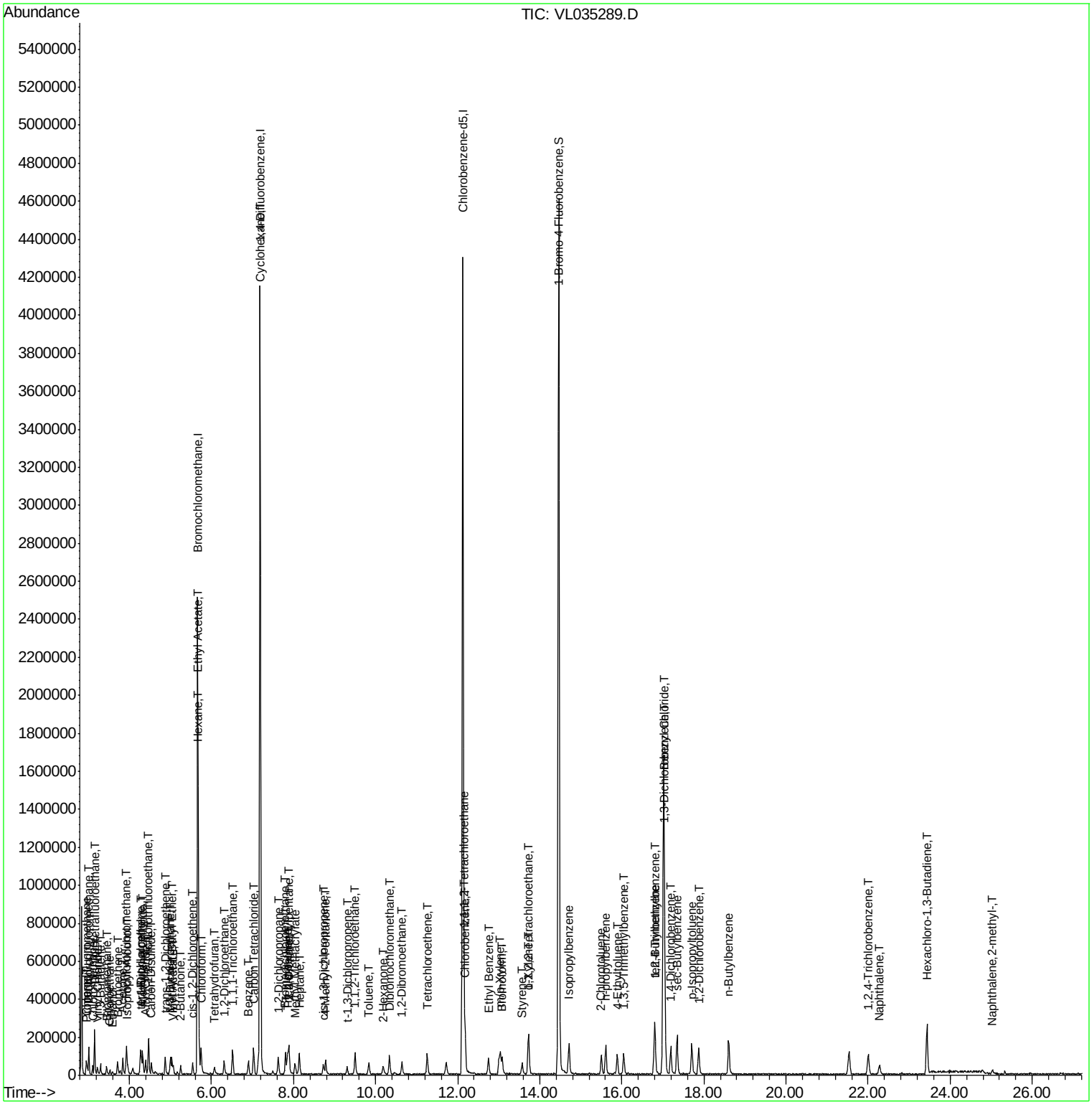
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	95132	0.285 ppbv #	86
45) t-1,3-Dichloropropene	9.30	75	19138m	0.231 ppbv	
46) cis-1,3-Dichloropropene	8.72	75	27083m	0.268 ppbv	
47) 1,1,2-Trichloroethane	9.51	97	38021m	0.425 ppbv	
48) Dibromochloromethane	10.34	129	52267	0.371 ppbv	99
49) Bromoform	13.09	173	45168m	0.357 ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	51538m	0.256 ppbv	
51) 2-Hexanone	10.18	43	34528m	0.226 ppbv	
52) Tetrachloroethene	11.26	164	23150m	0.320 ppbv	
53) Toluene	9.84	91	45180m	0.224 ppbv	
54) 1,2-Dibromoethane	10.65	107	42888m	0.332 ppbv	
56) 1,1,1,2-Tetrachloroethane	12.17	131	52076m	0.461 ppbv	
57) Chlorobenzene	12.19	112	84278m	0.456 ppbv	
58) Ethyl Benzene	12.75	91	65238m	0.251 ppbv	
59) m/p-Xylene	13.04	91	133618m	0.551 ppbv	
60) o-Xylene	13.74	91	65172m	0.269 ppbv	
61) Styrene	13.57	104	31583m	0.215 ppbv	
62) Isopropylbenzene	14.72	105	112546	0.313 ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.73	83	89003m	0.428 ppbv	
64) n-propylbenzene	15.61	120	27292m	0.285 ppbv	
65) tert-Butylbenzene	16.80	119	89994m	0.276 ppbv	
66) Benzyl Chloride	17.04	91	45533	0.356 ppbv #	91
67) sec-Butylbenzene	17.35	105	161735m	0.339 ppbv	
69) p-Isopropyltoluene	17.70	119	107990m	0.278 ppbv	
70) n-Butylbenzene	18.60	91	126340m	0.300 ppbv	
71) 2-Chlorotoluene	15.51	91	74777m	0.275 ppbv	
72) 4-Ethyltoluene	15.89	105	71233m	0.262 ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	74168	0.279 ppbv	95
74) 1,2,4-Trimethylbenzene	16.81	105	98706	0.319 ppbv	92
75) 1,3-Dichlorobenzene	17.05	146	96341	0.483 ppbv	95
76) 1,4-Dichlorobenzene	17.19	146	69939m	0.388 ppbv	
77) 1,2-Dichlorobenzene	17.88	146	66733m	0.373 ppbv	
78) Hexachloro-1,3-Butadiene	23.44	225	67353m	0.460 ppbv	
79) Naphthalene	22.27	128	60253m	0.245 ppbv	
80) Naphthalene,2-methyl-	25.02	142	11948	0.150 ppbv	96
81) 1,2,4-Trichlorobenzene	22.01	180	43132m	0.288 ppbv	

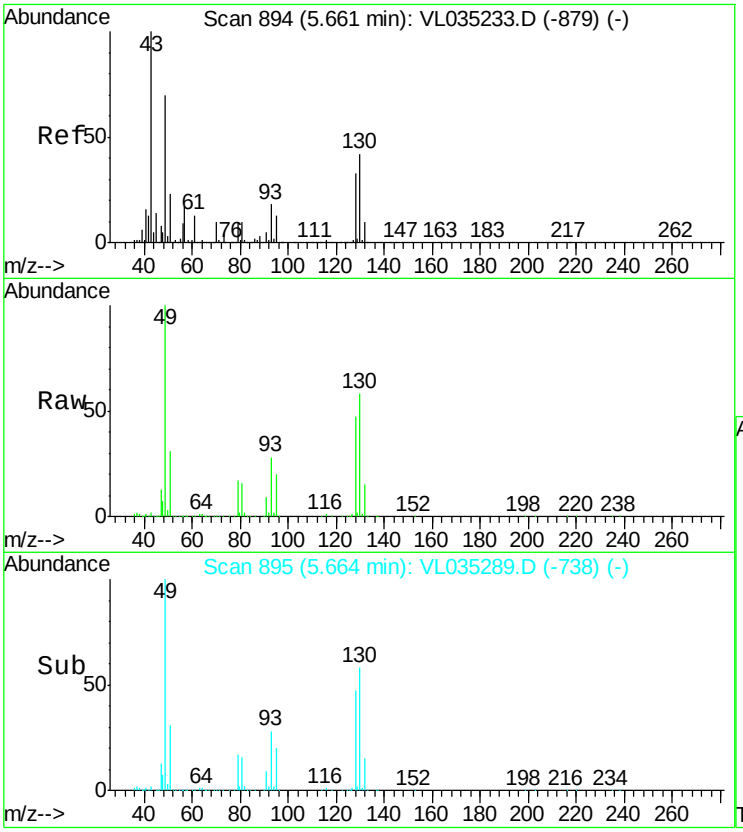
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035289.D
Acq On : 30 Jul 2020 21:19
Operator : SY/AP
Sample : L3216-15 0.4
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 31 05:34:49 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



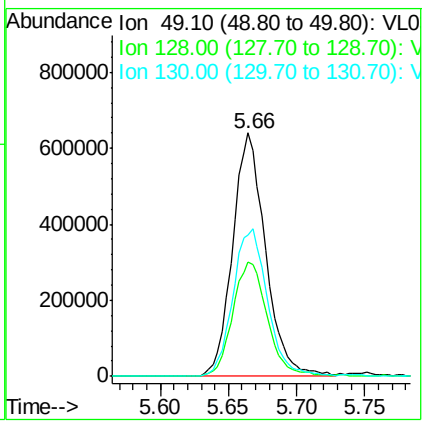


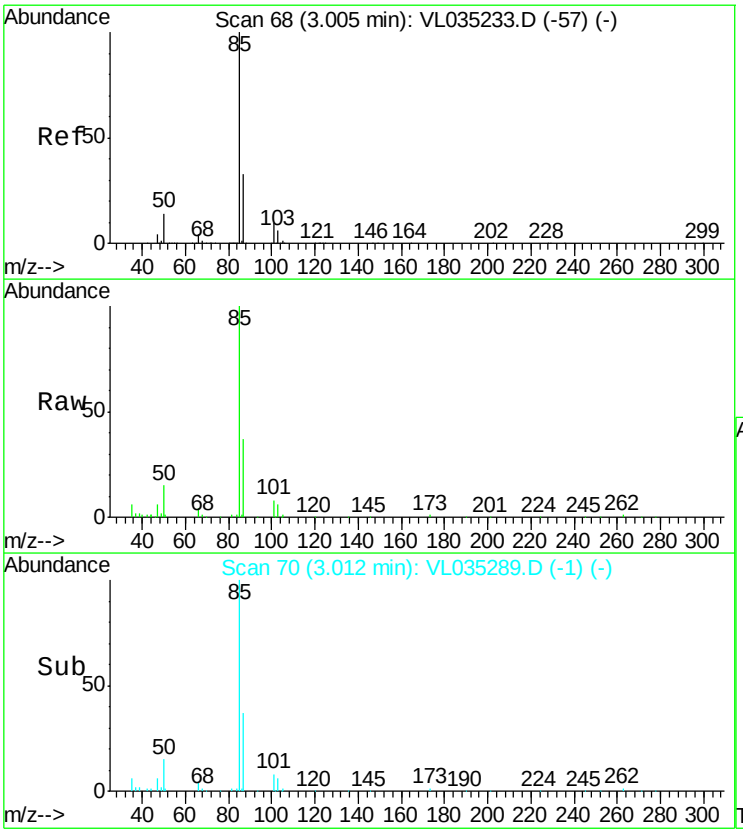
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 49 Resp: 1075604

Ion	Ratio	Lower	Upper
49	100		
128	49.4	24.0	72.0
130	64.3	30.7	92.1

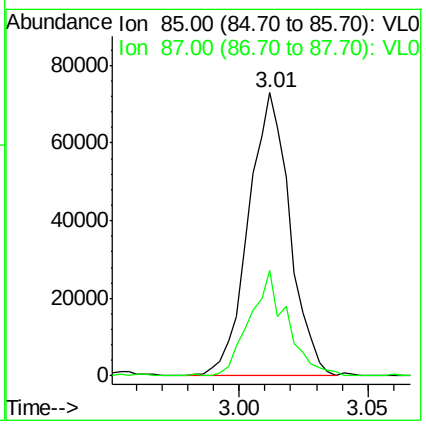


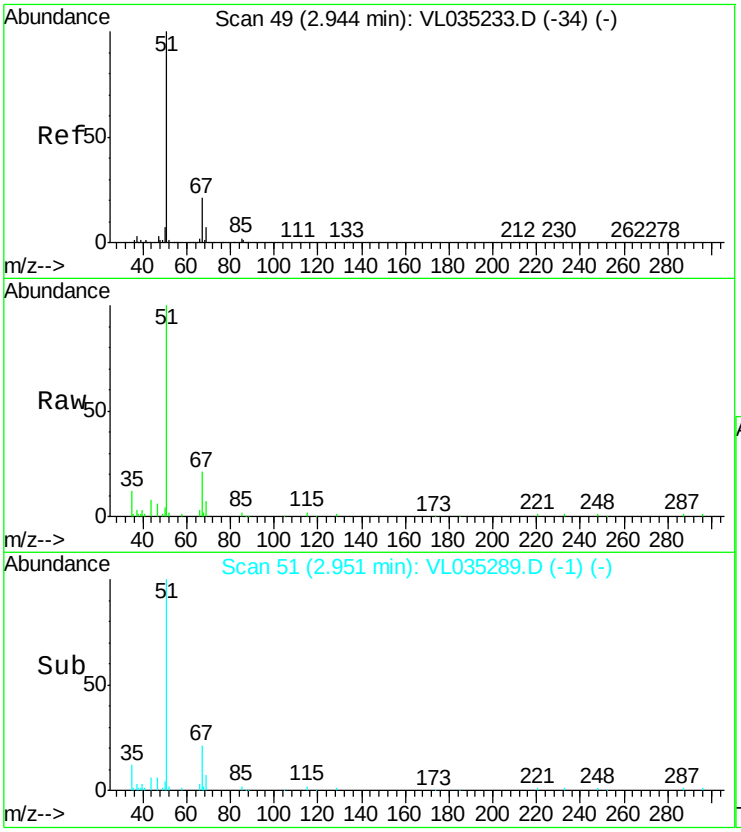


#2
Dichlorodifluoromethane
Concen: 0.640 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 85 Resp: 82197

Ion	Ratio	Lower	Upper
85	100		
87	37.3	26.7	40.1



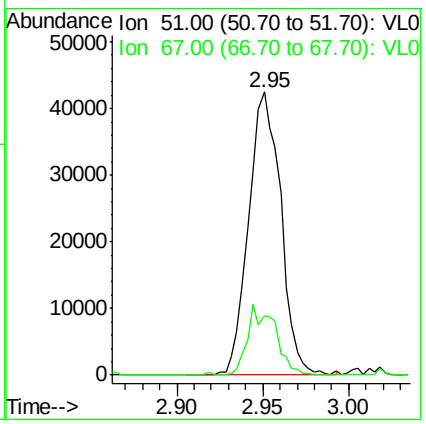


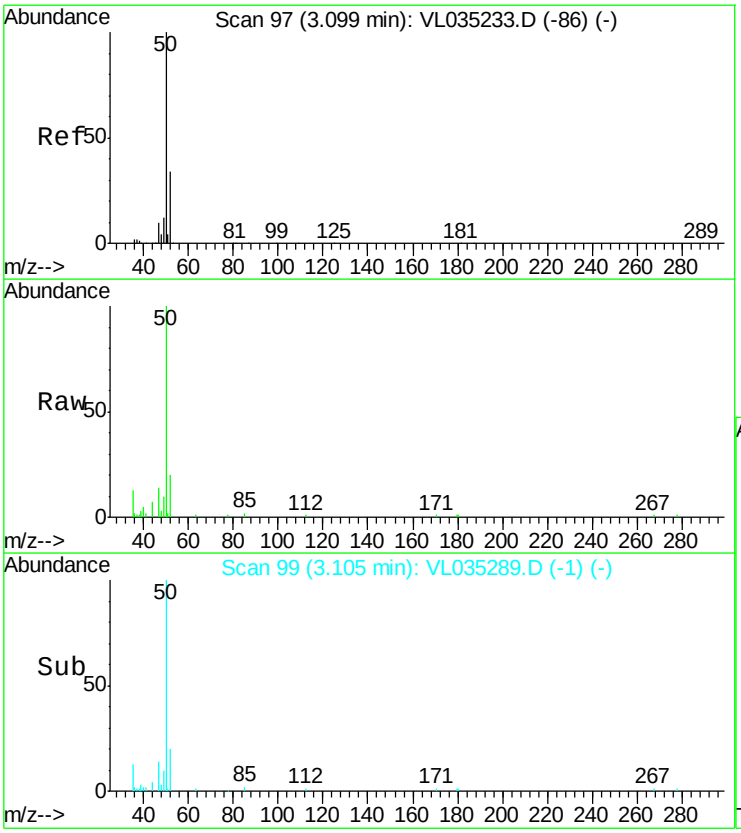
#3
Chlorodifluoromethane
Concen: 0.462 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 51 Resp: 55063

Ion	Ratio	Lower	Upper
51	100		
67	21.9	16.6	25.0

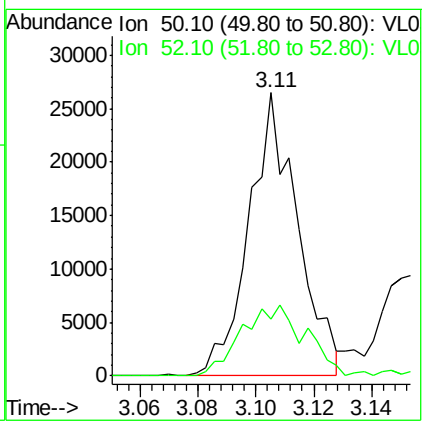


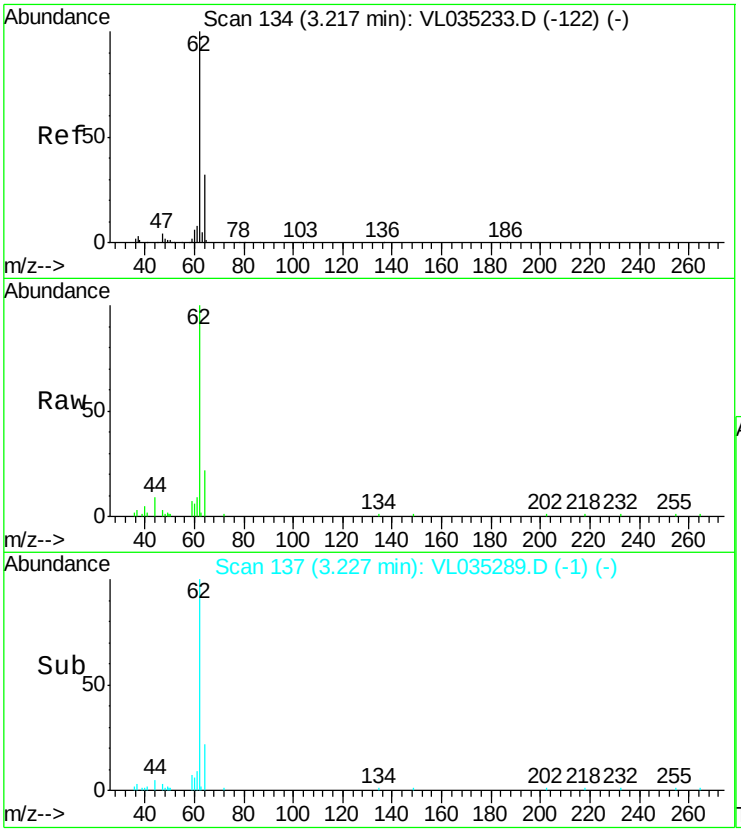


#4
Chloromethane
Concen: 0.460 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 50 Resp: 30804

Ion	Ratio	Lower	Upper
50	100		
52	19.8	27.1	40.7#



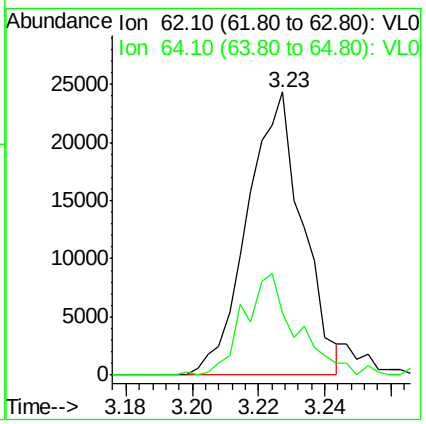


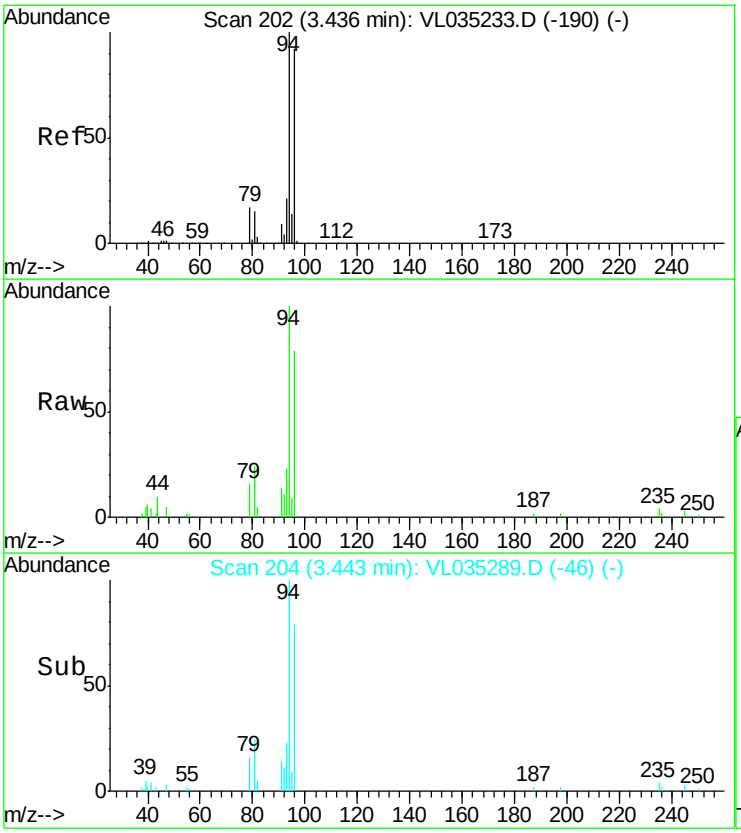
#5
Vinyl Chloride
Concen: 0.403 ppbv
RT: 3.23 min Scan# 137
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 62 Resp: 28092

Ion	Ratio	Lower	Upper
62	100		
64	20.2	25.8	38.6#

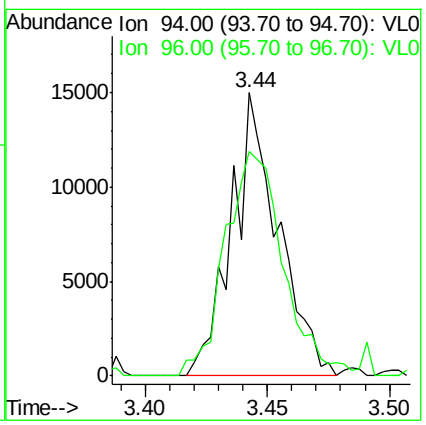


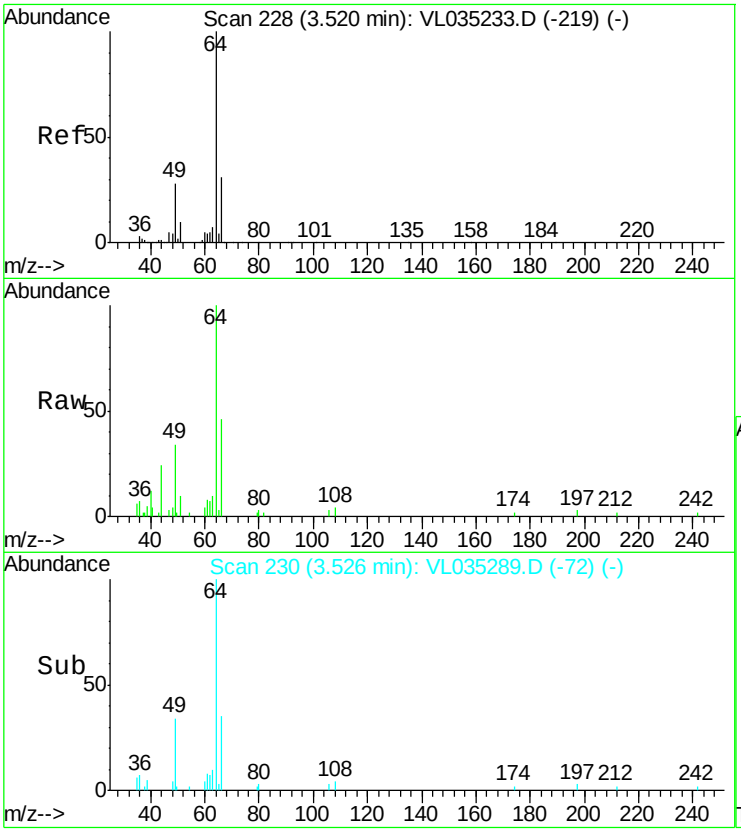


#6
Bromomethane
Concen: 0.461 ppbv
RT: 3.44 min Scan# 204
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 94 Resp: 19886

Ion	Ratio	Lower	Upper
94	100		
96	74.9	73.2	109.8



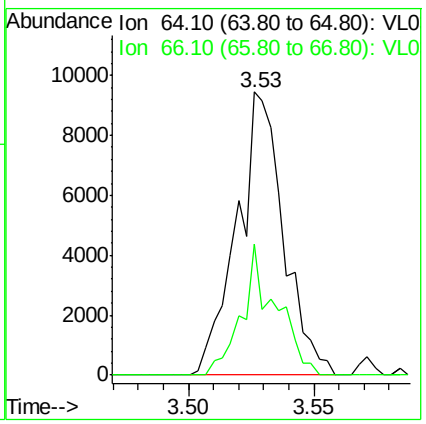


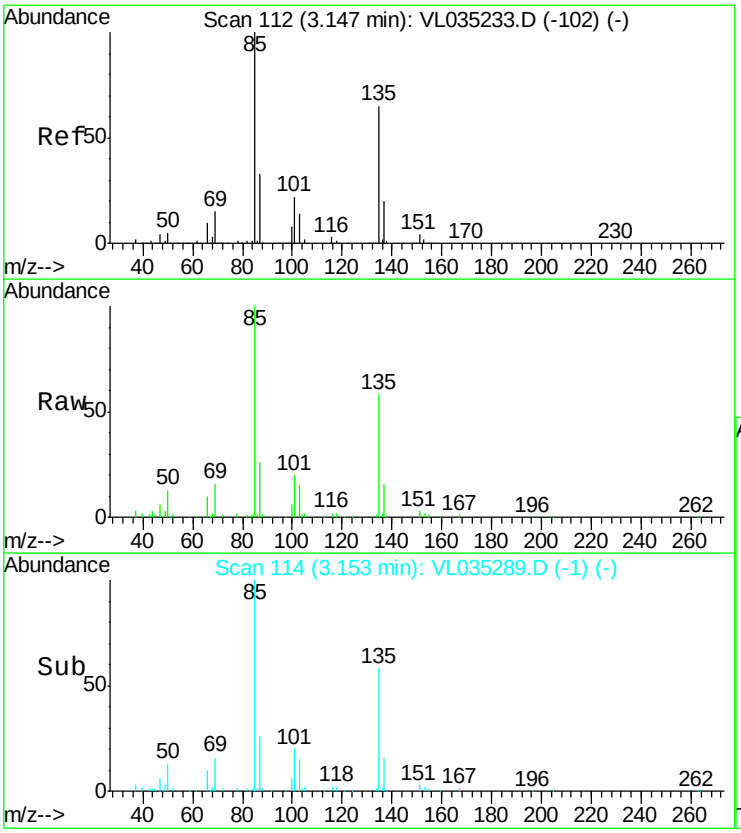
#7
Chloroethane
Concen: 0.483 ppbv m
RT: 3.53 min Scan# 230
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 64 Resp: 12171

Ion	Ratio	Lower	Upper
64	100		
66	46.3	25.6	38.4#

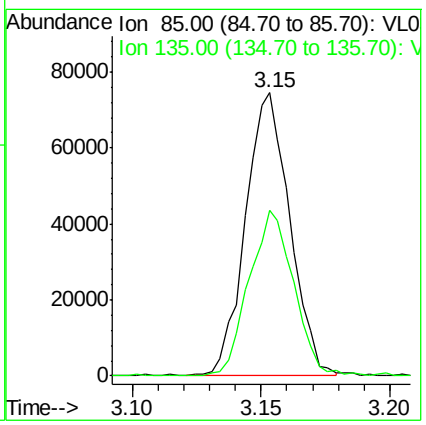


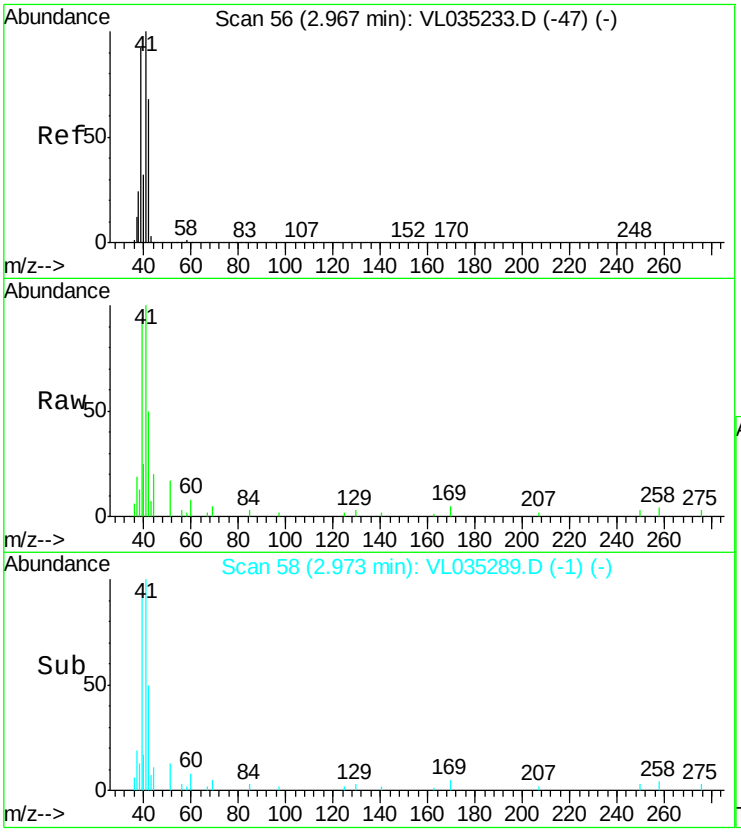


#8
Dichlorotetrafluoroethane
Concen: 0.550 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 85 Resp: 89727

Ion	Ratio	Lower	Upper
85	100		
135	59.0	51.4	77.0



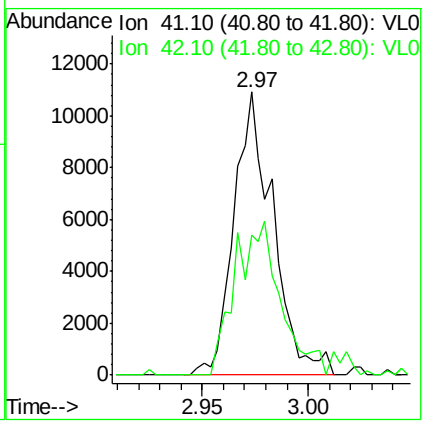


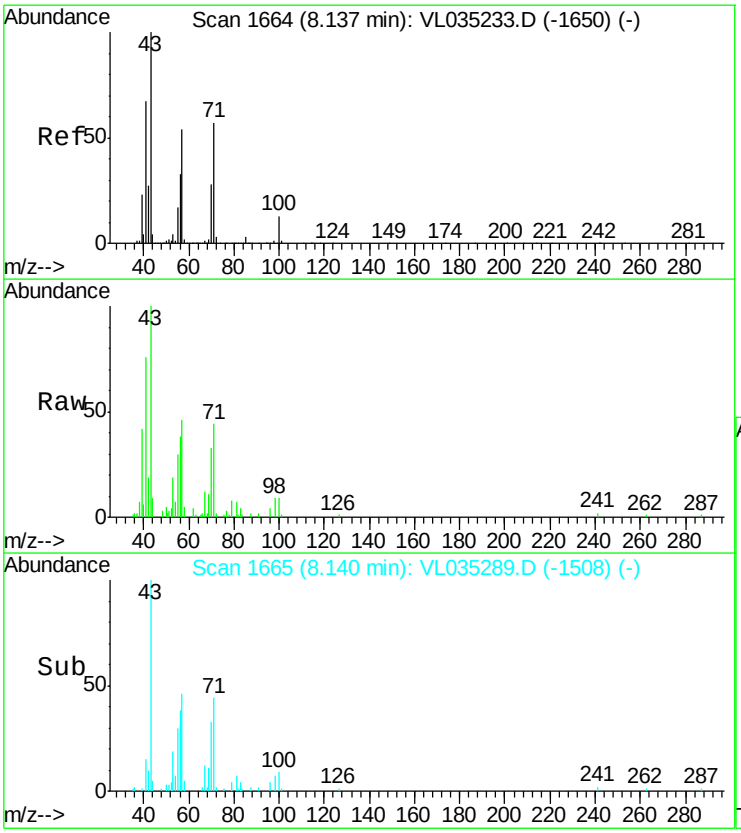
#9
Propene
Concen: 0.338 ppbv m
RT: 2.97 min Scan# 58
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 41 Resp: 14045

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.0	82.6#

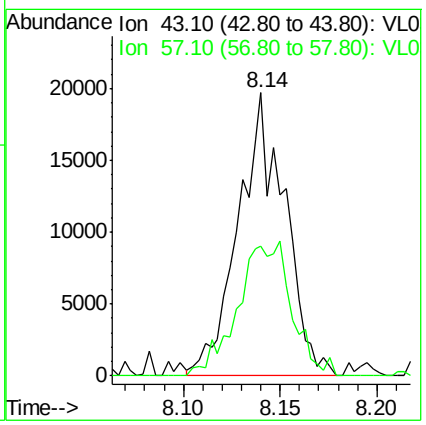


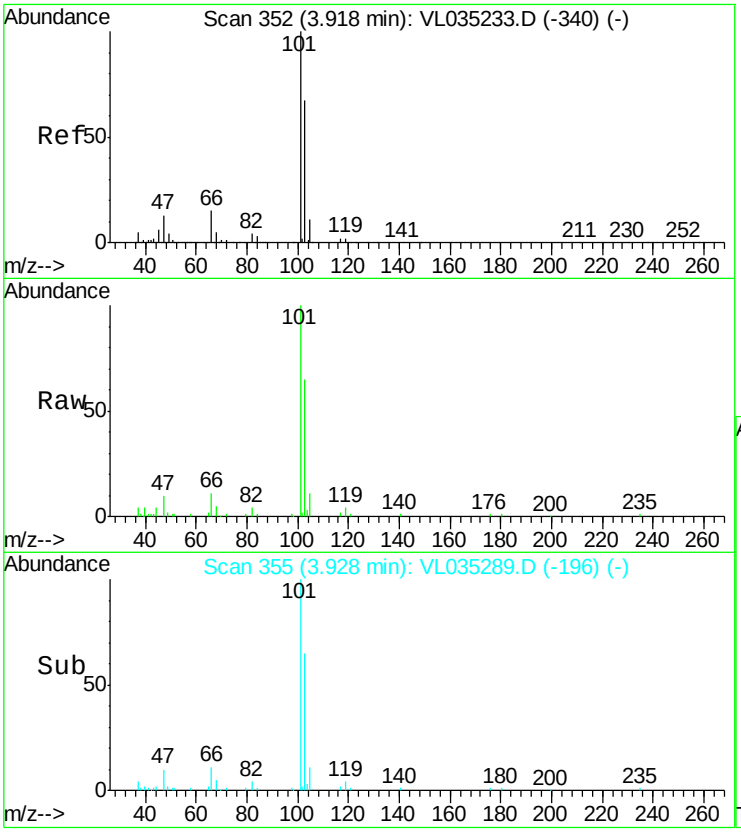


#10
Heptane
Concen: 0.292 ppbv m
RT: 8.14 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 43 Resp: 32774

Ion	Ratio	Lower	Upper
43	100		
57	0.0	43.0	64.4#



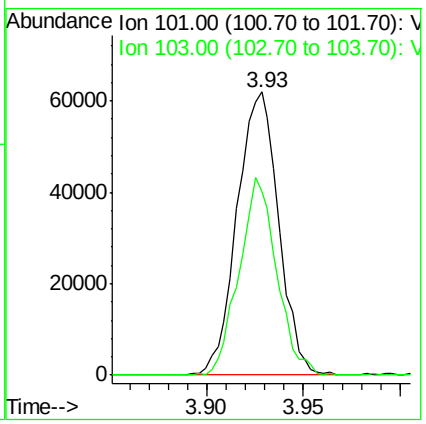


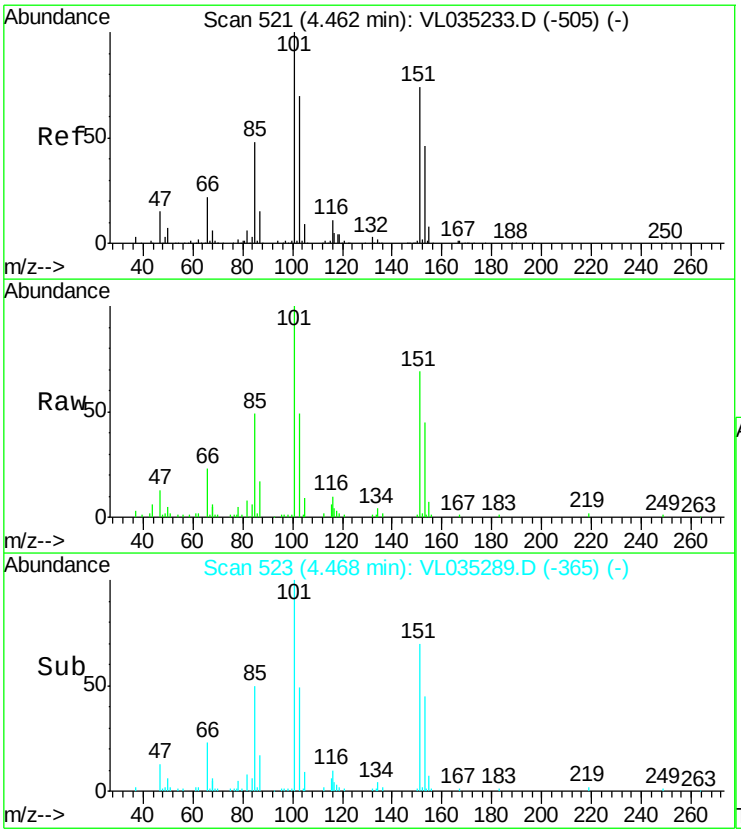
#11
Trichlorofluoromethane
Concen: 0.536 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:101 Resp: 92575

Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.4	80.0

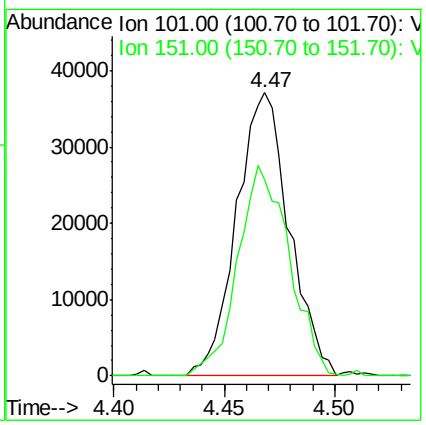


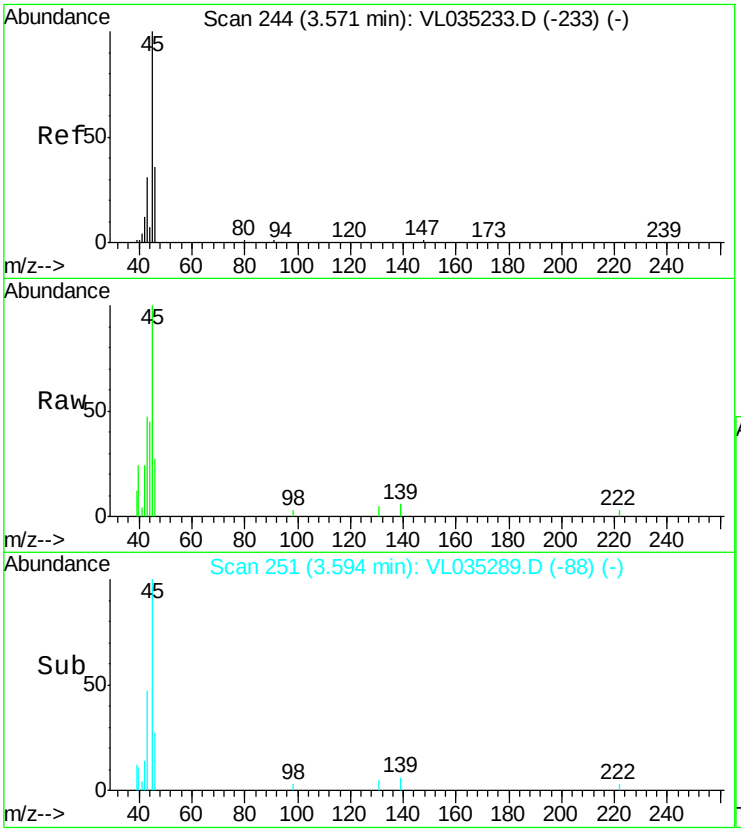


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.503 ppbv
RT: 4.47 min Scan# 523
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:101 Resp: 61635

Ion	Ratio	Lower	Upper
101	100		
151	72.9	56.6	85.0



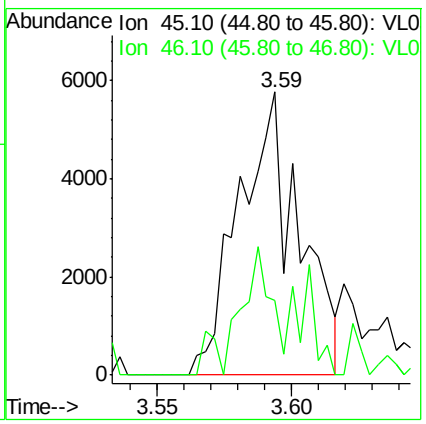


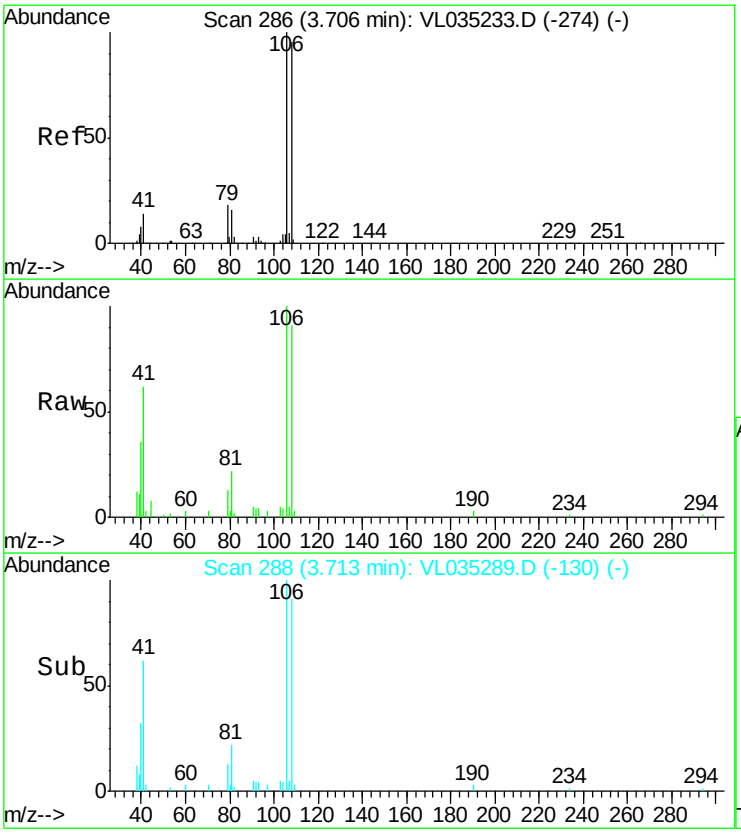
#13
Ethanol
Concen: 0.529 ppbv m
RT: 3.59 min Scan# 251
Delta R.T. 0.02 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 45 Resp: 8942

Ion	Ratio	Lower	Upper
45	100		
46	43.2	15.8	63.4

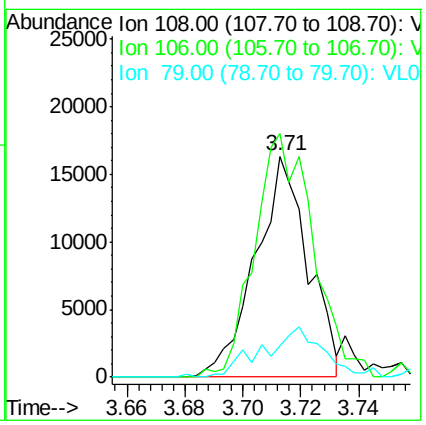


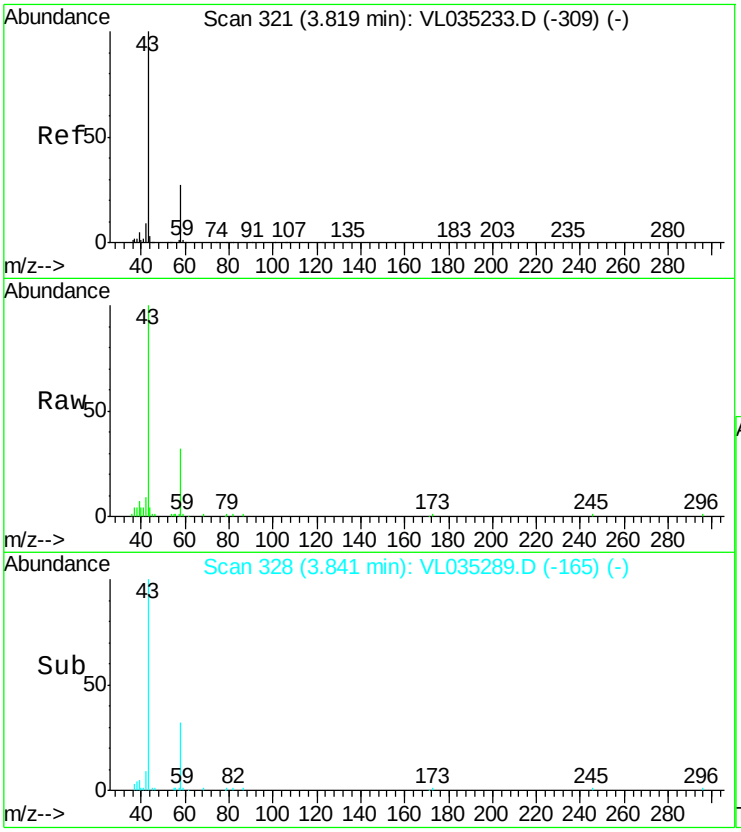


#14
Bromoethene
Concen: 0.409 ppbv
RT: 3.71 min Scan# 288
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:108 Resp: 20466

Ion	Ratio	Lower	Upper
108	100		
106	125.7	85.0	127.6
79	26.4	15.4	23.2#



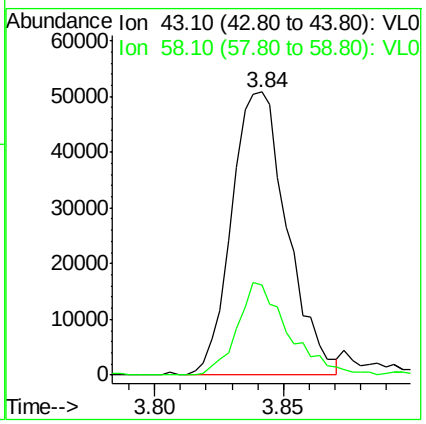


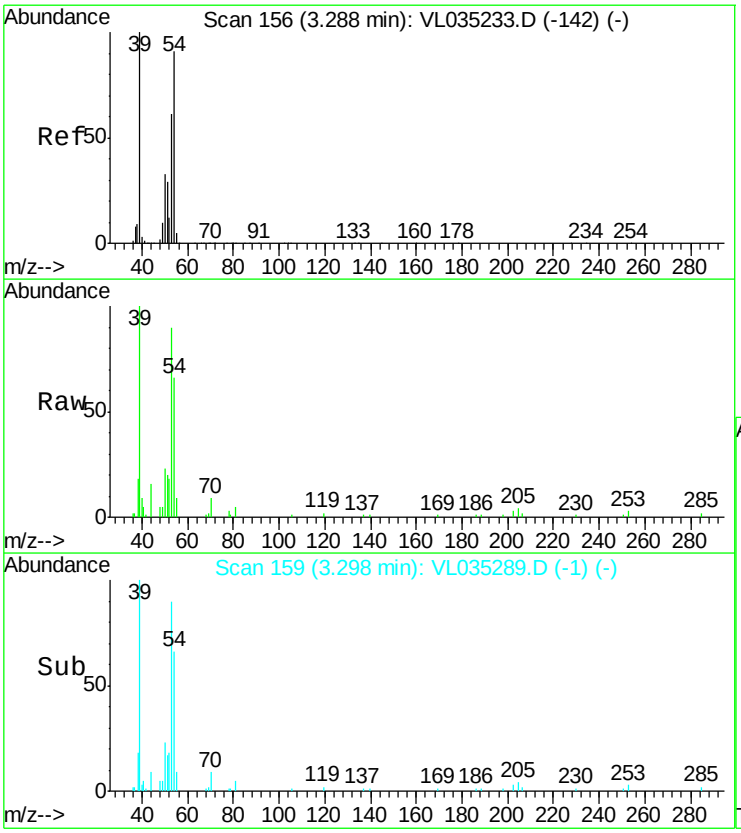
#15
Acetone
Concen: 0.533 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.02 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 43 Resp: 76452

Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.8	32.6

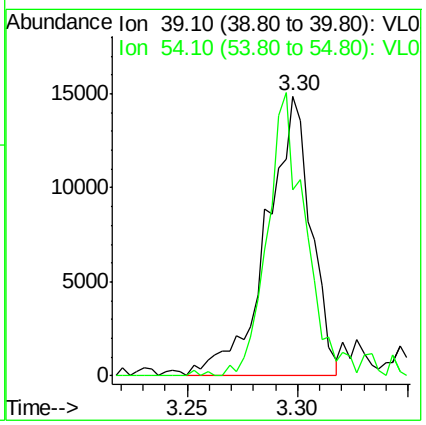


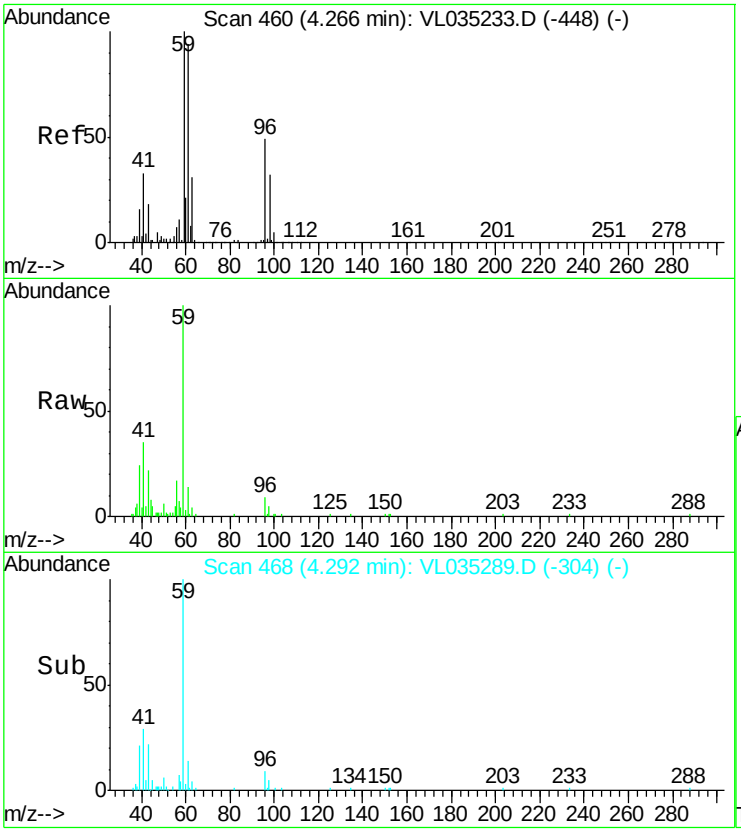


#16
1,3-Butadiene
Concen: 0.371 ppbv
RT: 3.30 min Scan# 159
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 39 Resp: 20746

Ion	Ratio	Lower	Upper
39	100		
54	90.3	68.2	102.2



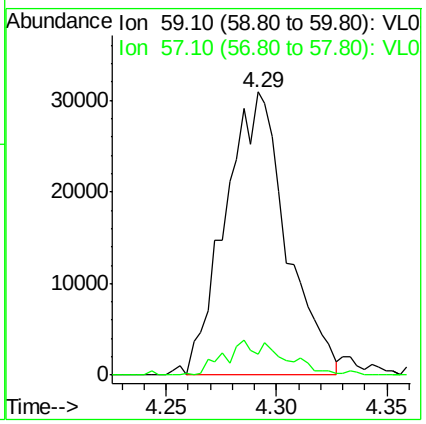


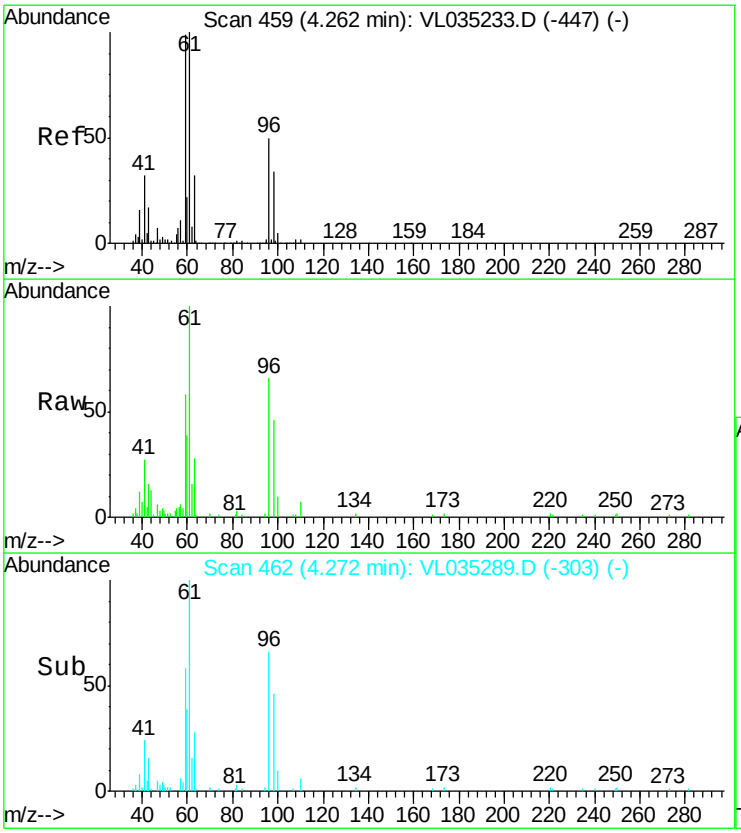
#17
tert-Butyl alcohol
Concen: 0.429 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.03 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 59 Resp: 59394

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.6	12.8

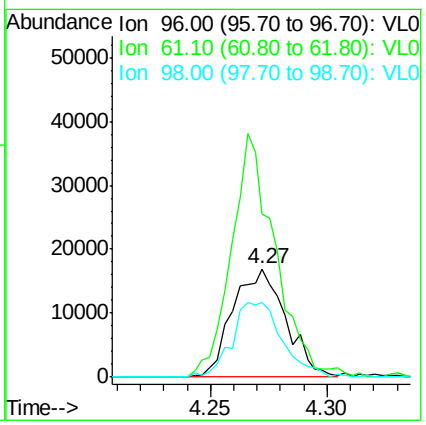


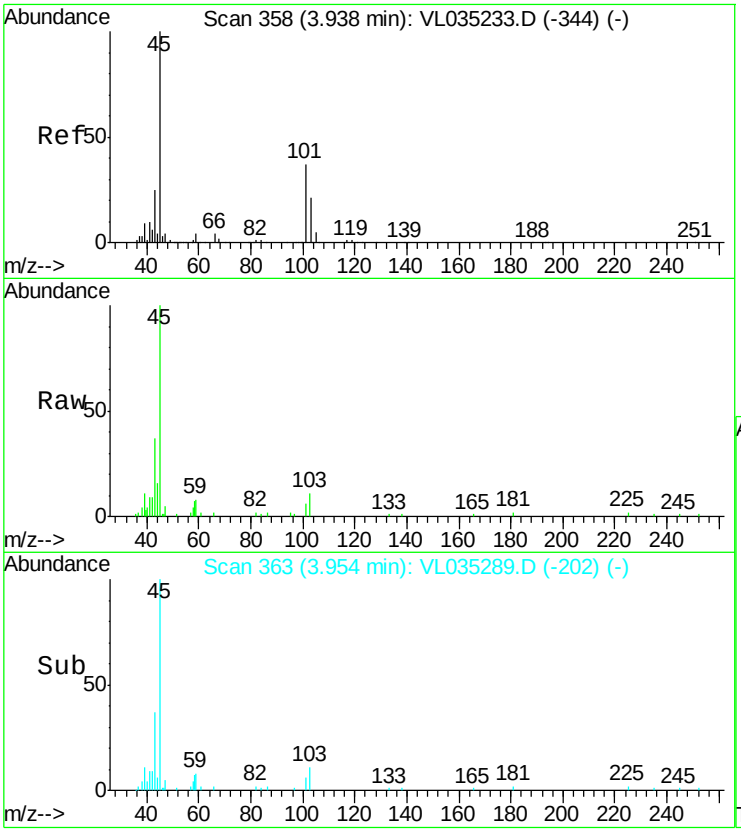


#18
1,1-Dichloroethene
Concen: 0.490 ppbv m
RT: 4.27 min Scan# 462
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 96 Resp: 26670

Ion	Ratio	Lower	Upper
96	100		
61	150.9	159.4	239.2#
98	69.0	53.9	80.9



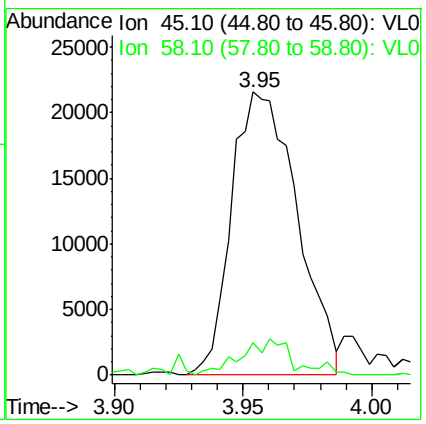


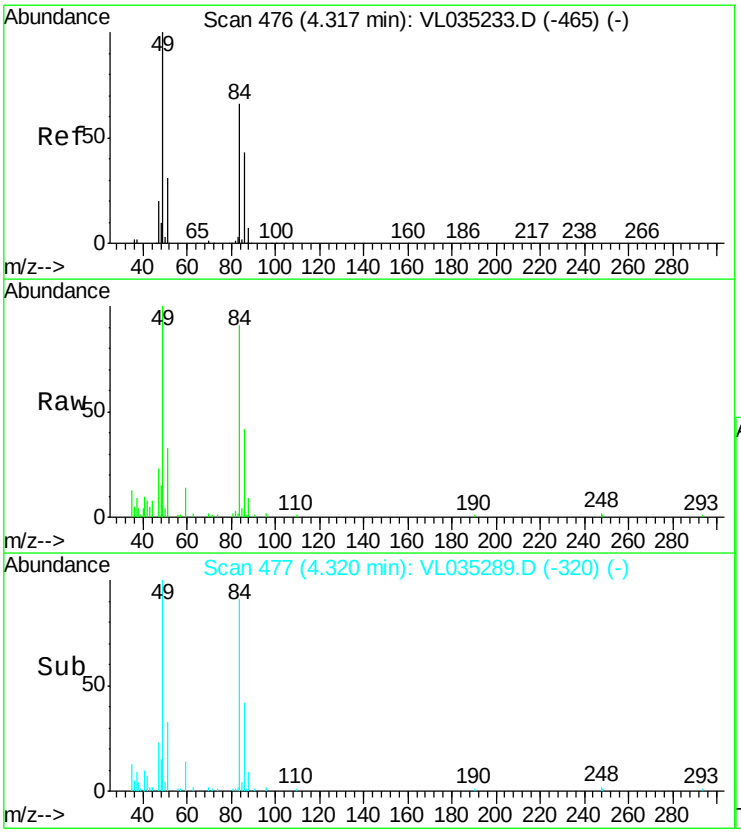
#19
Isopropyl Alcohol
Concen: 0.405 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.02 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 45 Resp: 38298

Ion	Ratio	Lower	Upper
45	100		
58	10.3	1.9	2.9#

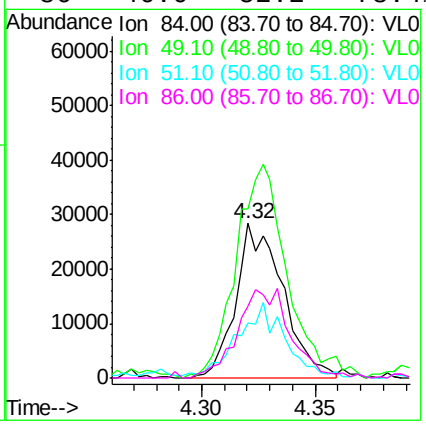


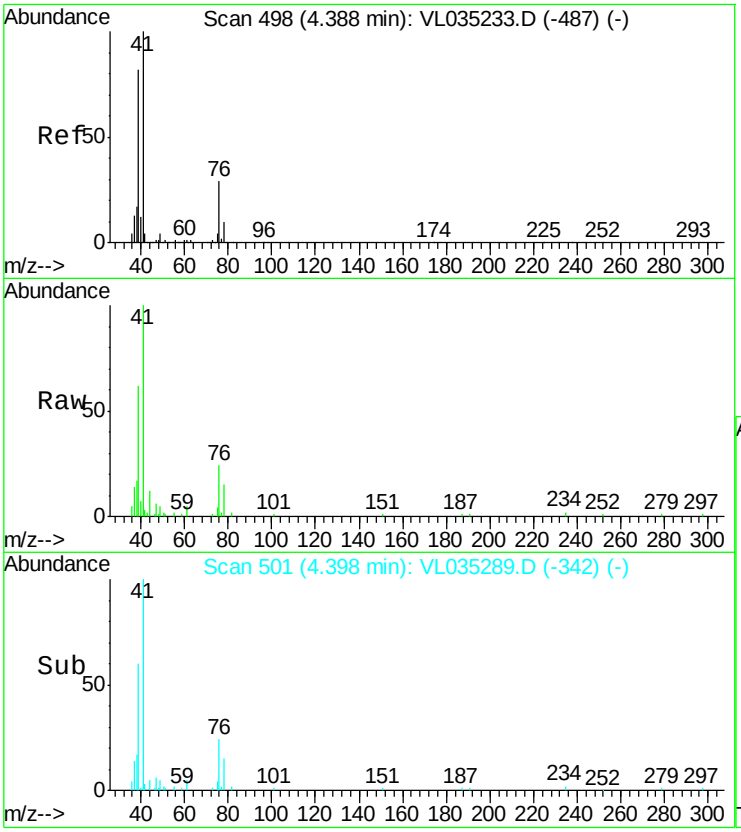


#20
Methylene Chloride
Concen: 0.626 ppbv m
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 84 Resp: 40884

Ion	Ratio	Lower	Upper
84	100		
49	109.5	121.0	181.4#
51	36.0	37.7	56.5#
86	46.0	52.2	78.4#



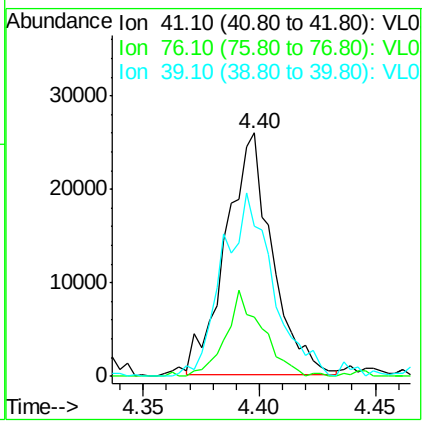


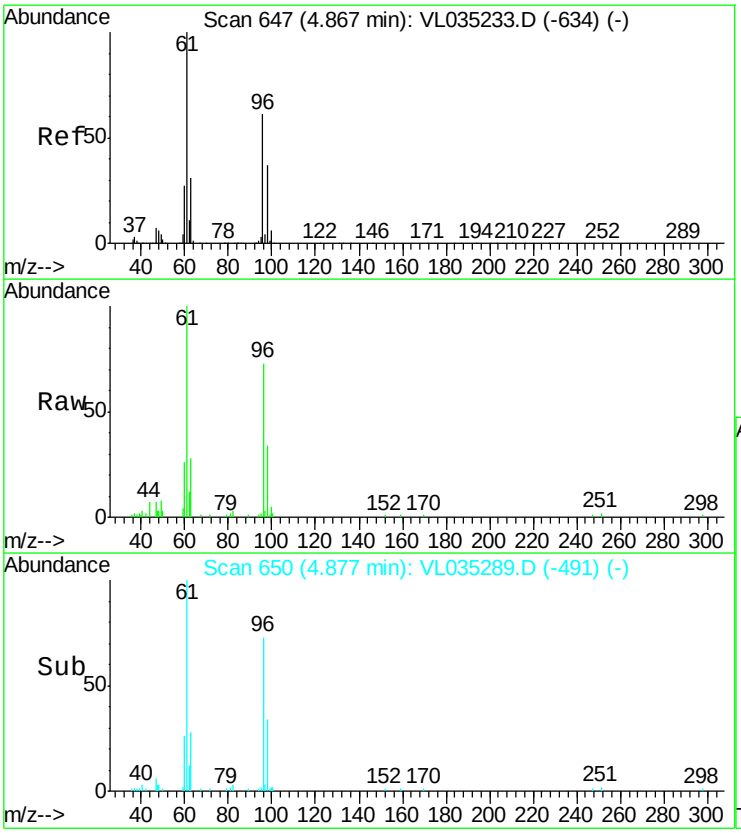
#21
Allyl Chloride
Concen: 0.436 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 41 Resp: 35634

Ion	Ratio	Lower	Upper
41	100		
76	28.8	24.4	36.6
39	86.6	63.8	95.8

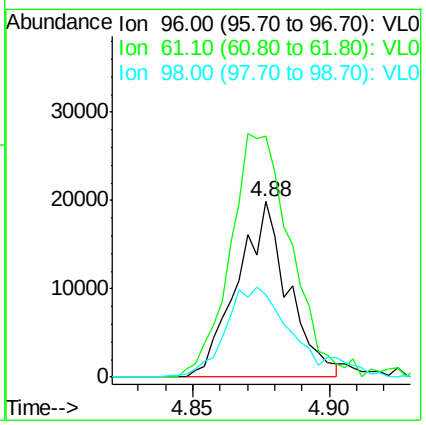


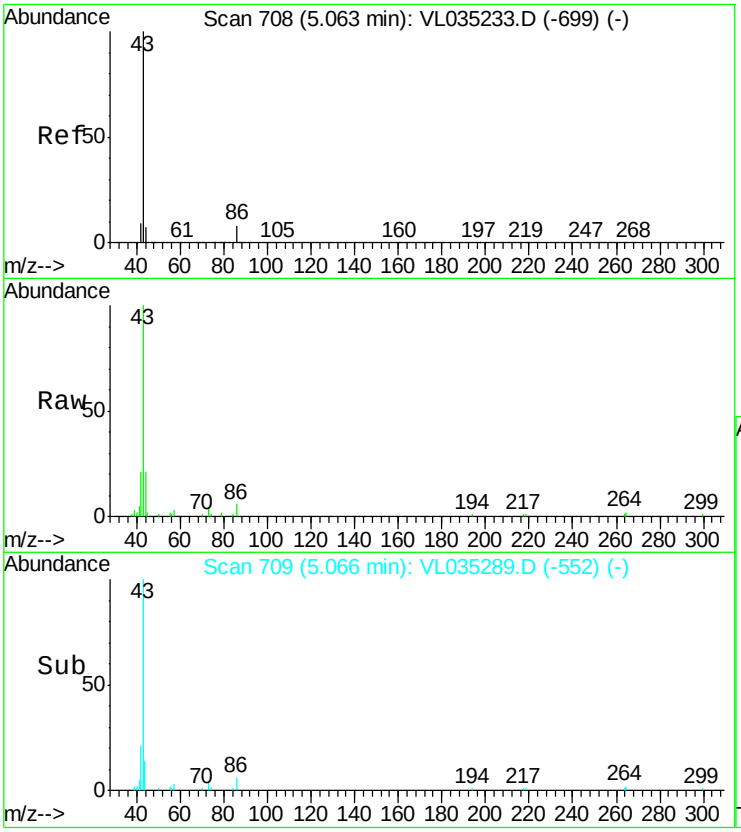


#22
trans-1,2-Dichloroethene
Concen: 0.493 ppbv
RT: 4.88 min Scan# 650
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 96 Resp: 25766

Ion	Ratio	Lower	Upper
96	100		
61	133.1	131.6	197.4
98	45.4	49.0	73.4#



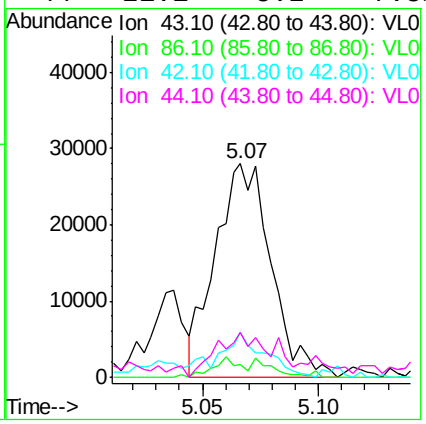


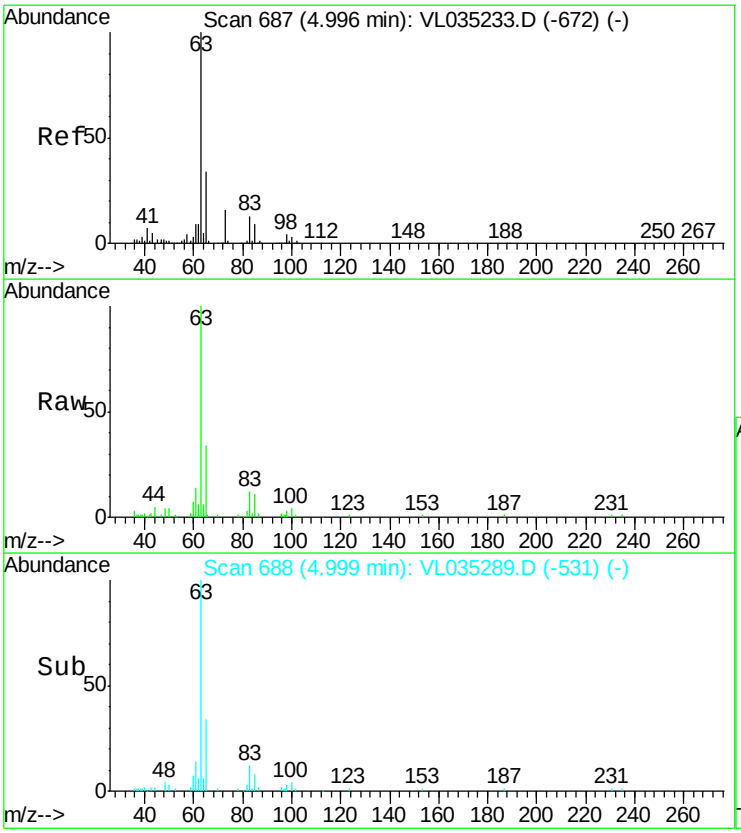
#23
Vinyl Acetate
Concen: 0.325 ppbv m
RT: 5.07 min Scan# 709
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 43 Resp: 46900

Ion	Ratio	Lower	Upper
43	100		
86	5.8	6.2	9.2#
42	20.8	8.0	12.0#
44	21.1	5.2	7.8#

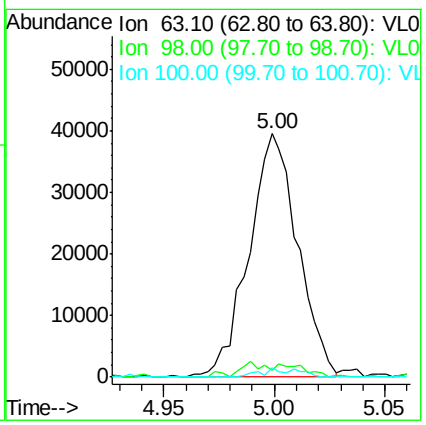


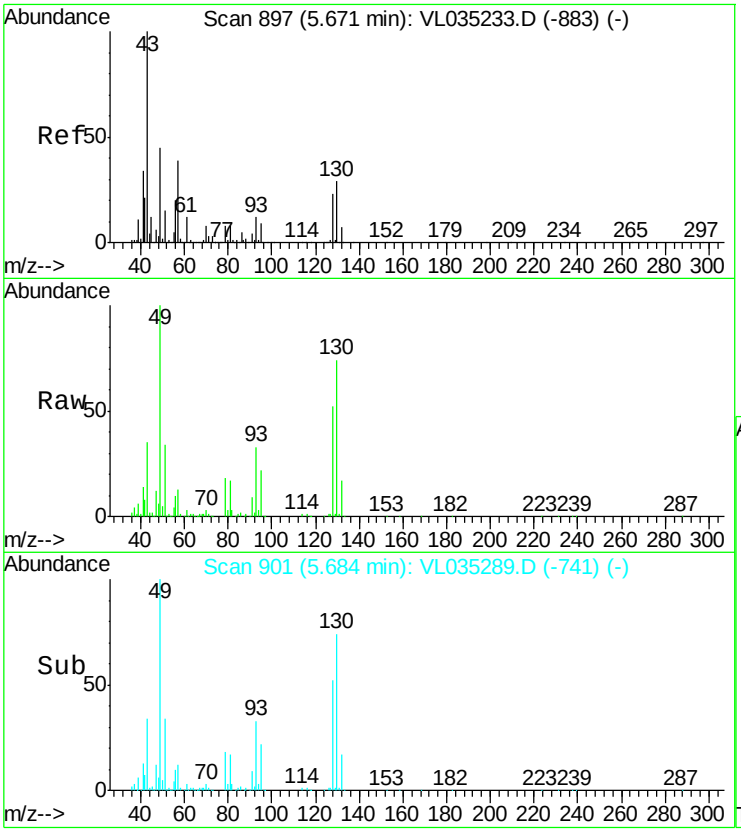


#24
1,1-Dichloroethane
Concen: 0.450 ppbv
RT: 5.00 min Scan# 688
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 63 Resp: 60562

Ion	Ratio	Lower	Upper
63	100		
98	2.8	1.9	5.7
100	3.6	1.4	4.2



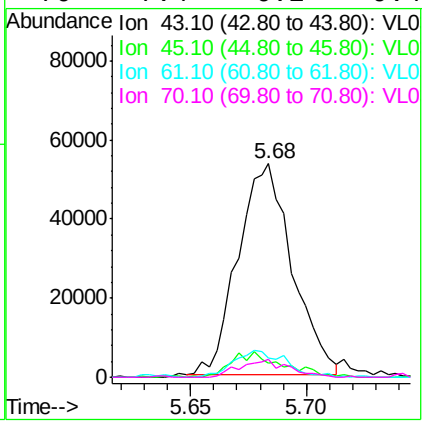


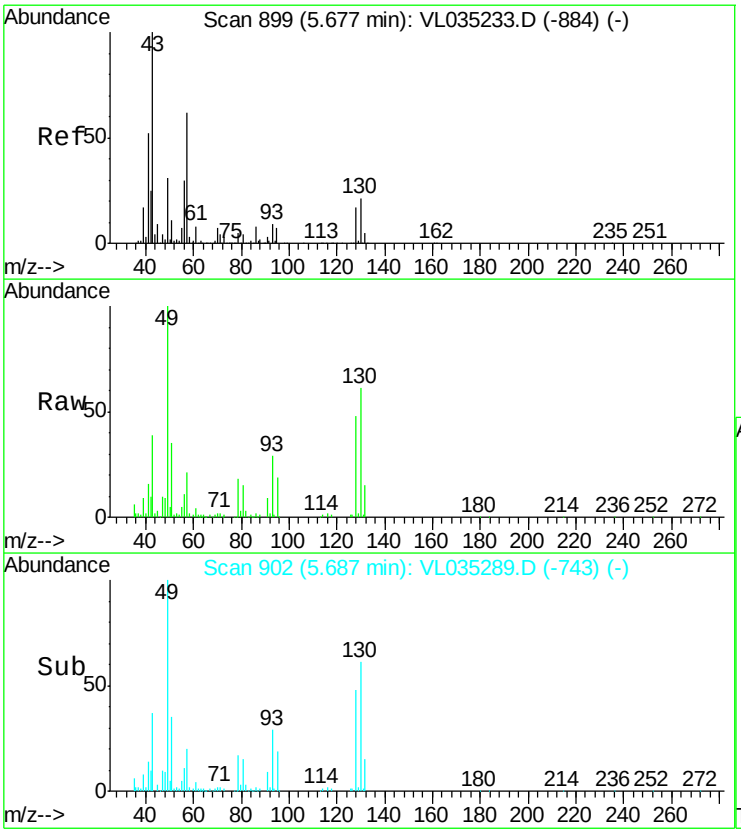
#25
Ethyl Acetate
Concen: 0.390 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 43 Resp: 87324

Ion	Ratio	Lower	Upper
43	100		
45	11.6	8.5	12.7
61	12.8	8.1	12.1#
70	7.4	6.2	9.4

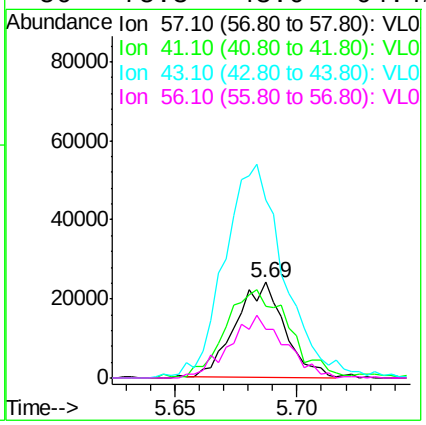


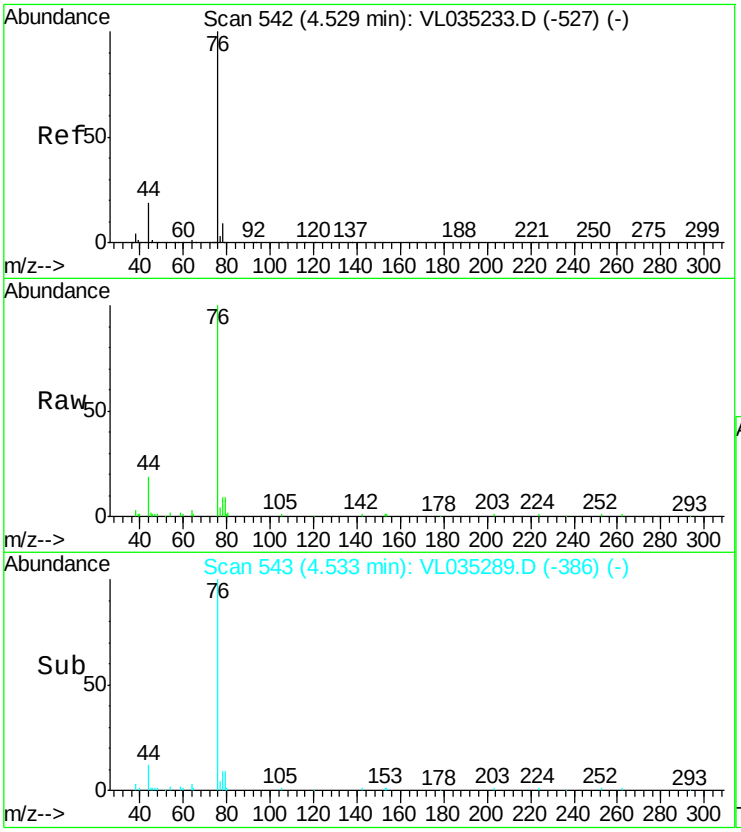


#26
Hexane
Concen: 0.328 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 57 Resp: 33198

Ion	Ratio	Lower	Upper
57	100		
41	124.8	73.9	110.9#
43	280.2	177.6	266.4#
56	75.3	43.0	64.4#



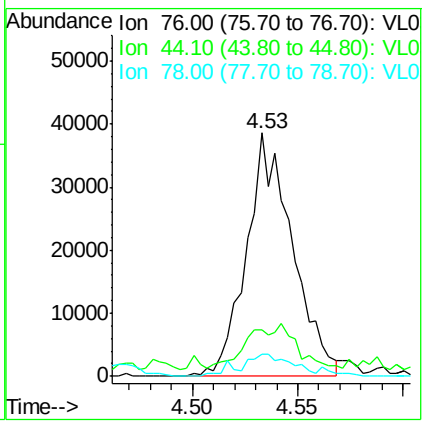


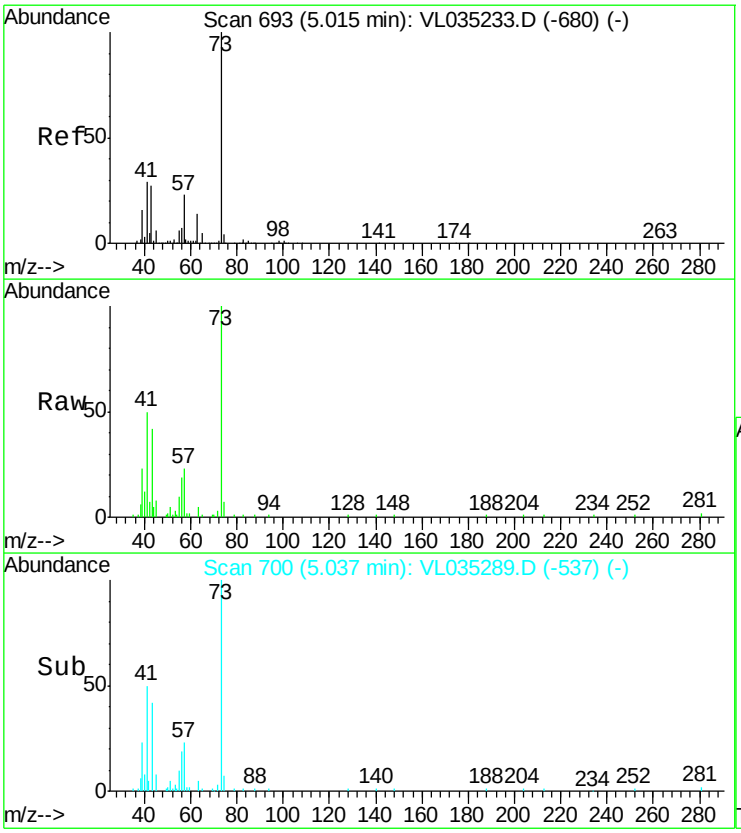
#27
Carbon Disulfide
Concen: 0.427 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 76 Resp: 58327

Ion	Ratio	Lower	Upper
76	100		
44	22.2	14.7	22.1#
78	11.5	7.6	11.4#

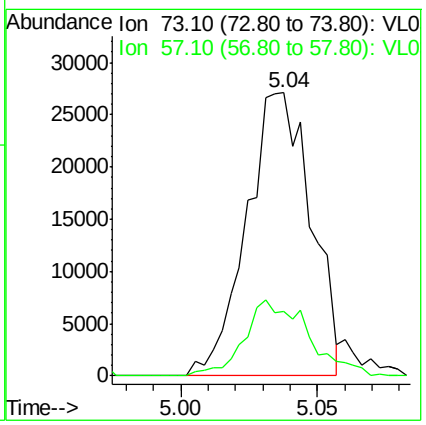


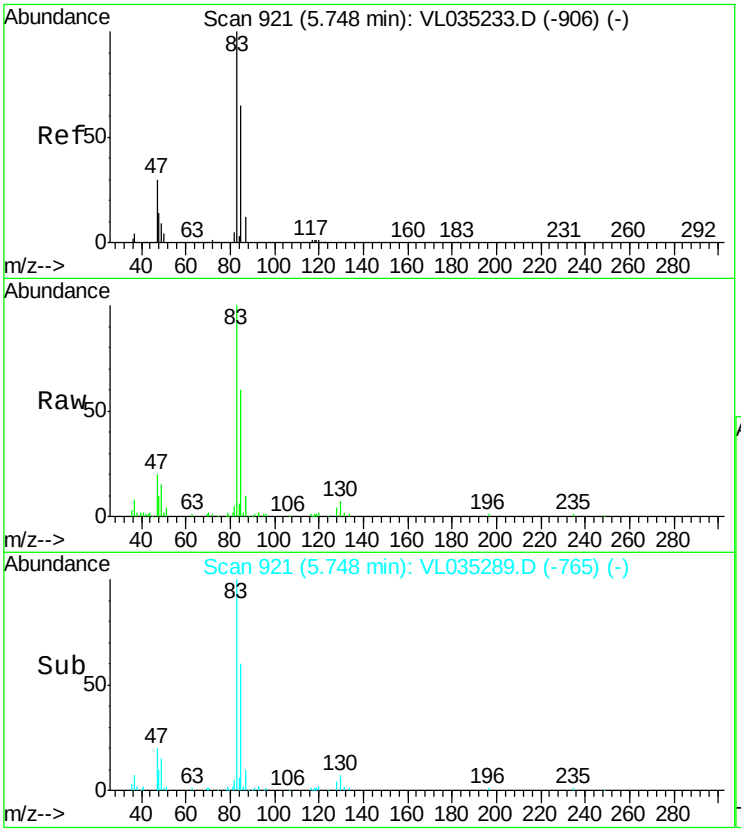


#28
Methyl tert-Butyl Ether
Concen: 0.307 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.02 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 73 Resp: 44336

Ion	Ratio	Lower	Upper
73	100		
57	26.7	18.2	27.4



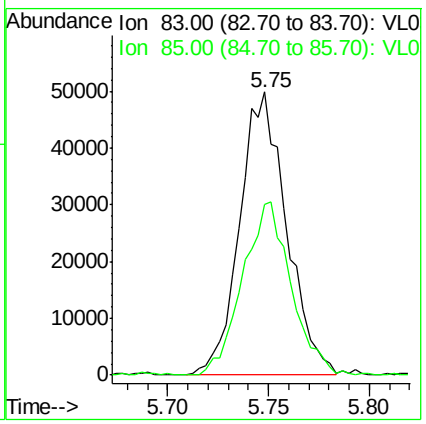


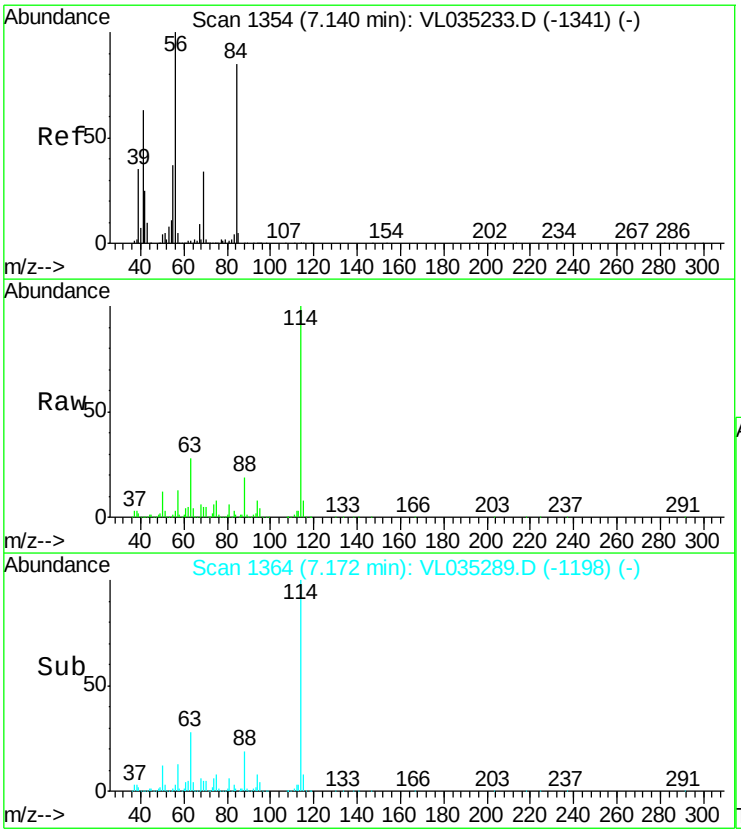
#29
Chloroform
Concen: 0.478 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 83 Resp: 80963

Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.7	77.5

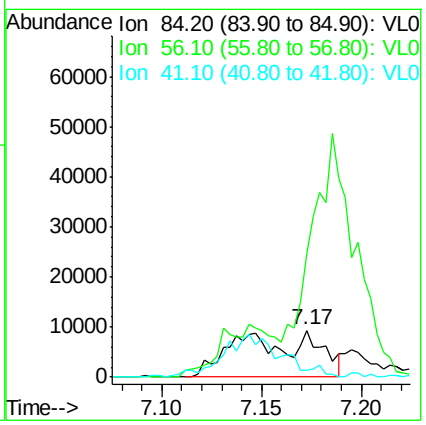


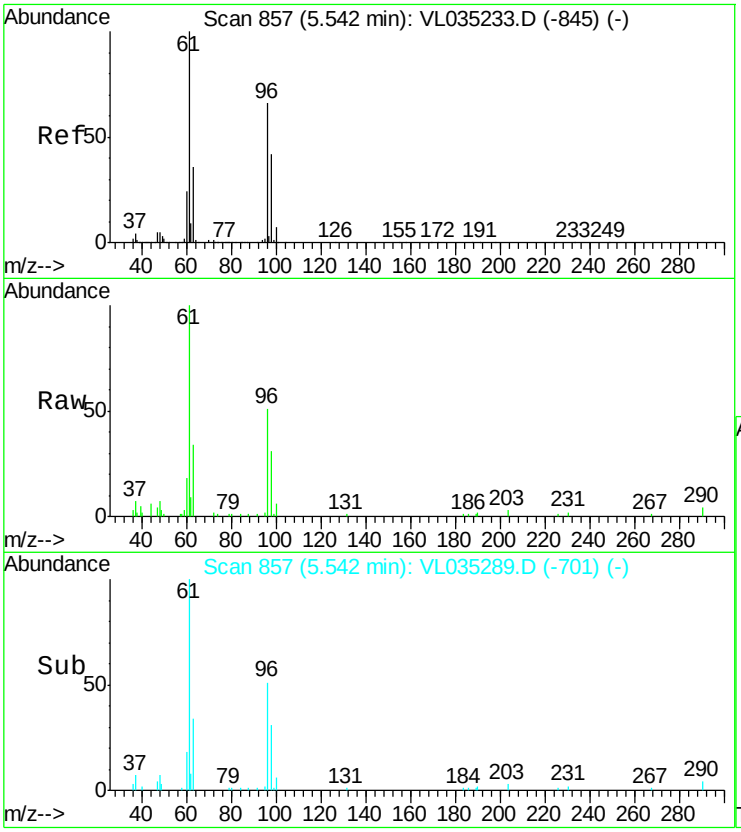


#30
Cyclohexane
Concen: 0.340 ppbv m
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 84 Resp: 24567

Ion	Ratio	Lower	Upper
84	100		
56	0.0	104.2	156.2#
41	73.9	63.7	95.5



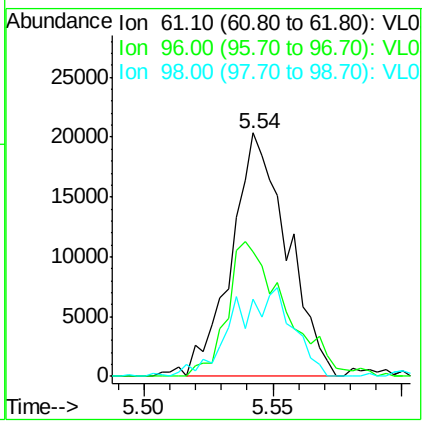


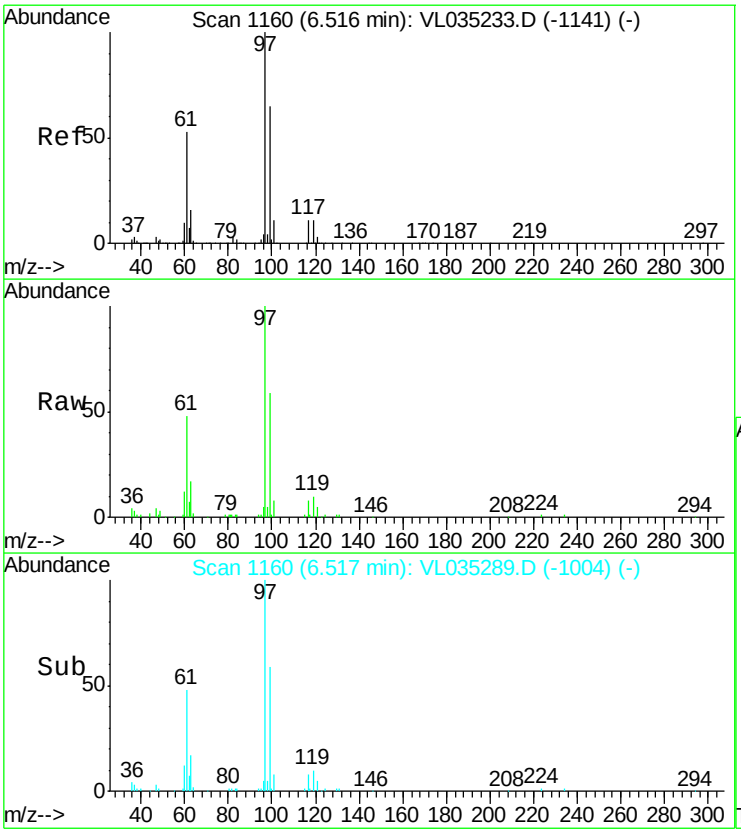
#31
cis-1,2-Dichloroethene
Concen: 0.348 ppbv
RT: 5.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 61 Resp: 30671

Ion	Ratio	Lower	Upper
61	100		
96	51.0	52.6	78.8#
98	31.5	33.7	50.5#

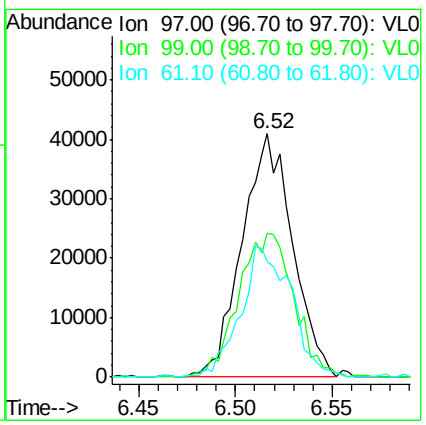


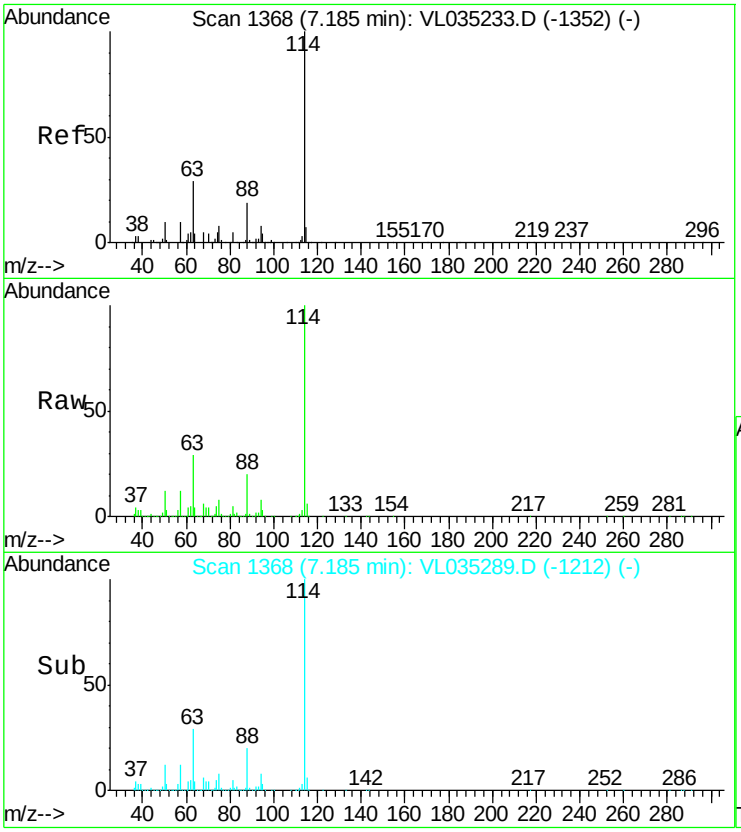


#32
1,1,1-Trichloroethane
Concen: 0.429 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 97 Resp: 74462

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	54.0	40.4	60.6



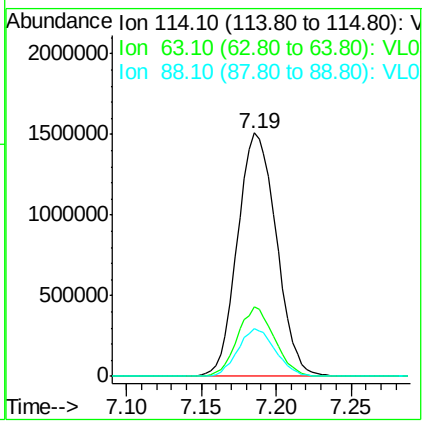


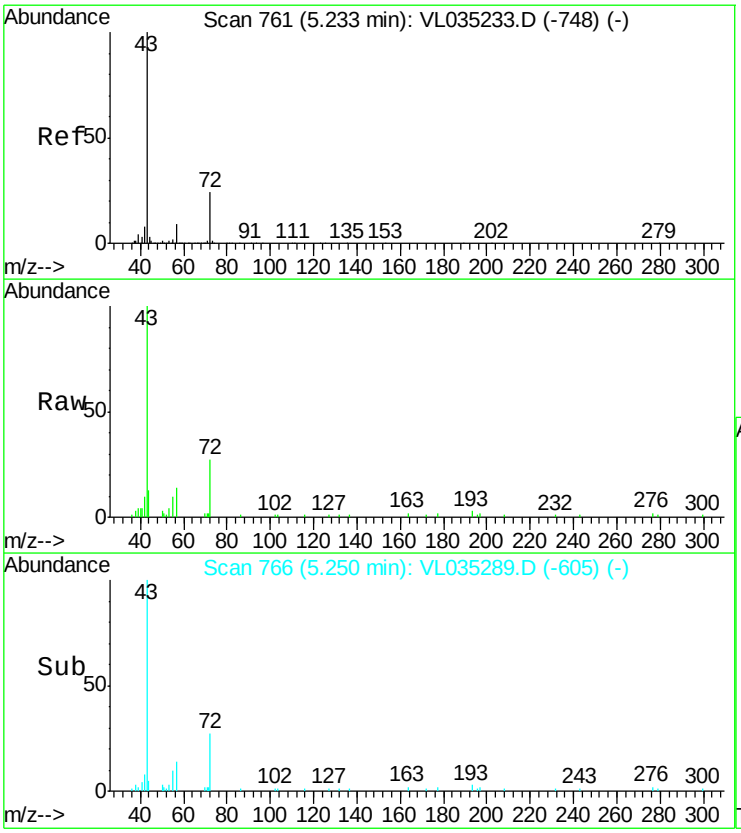
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:114 Resp: 2729933

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.2
88	19.0	15.4	23.0

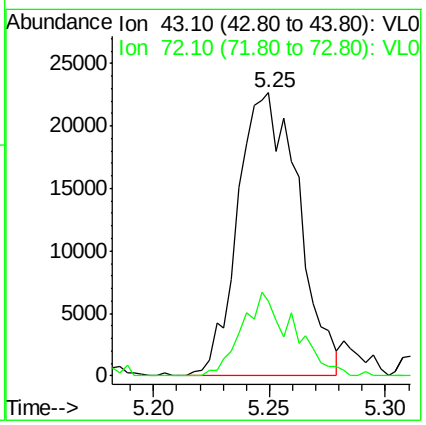


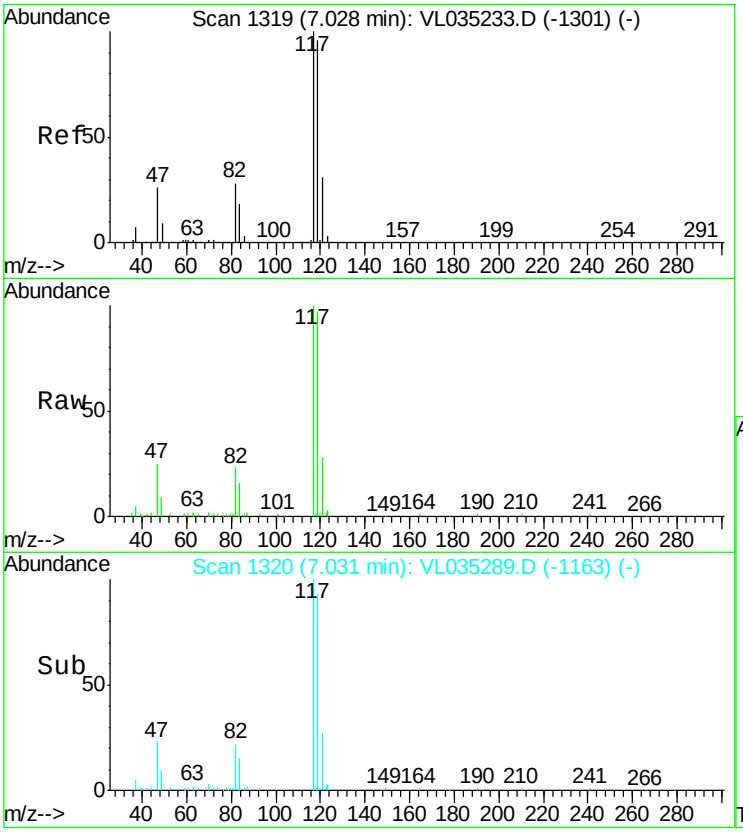


#34
2-Butanone
Concen: 0.297 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.02 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 43 Resp: 41190

Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.2	28.8



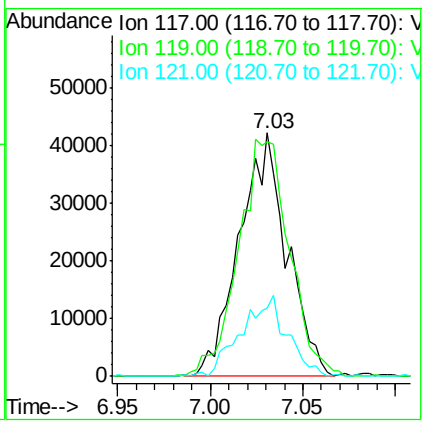


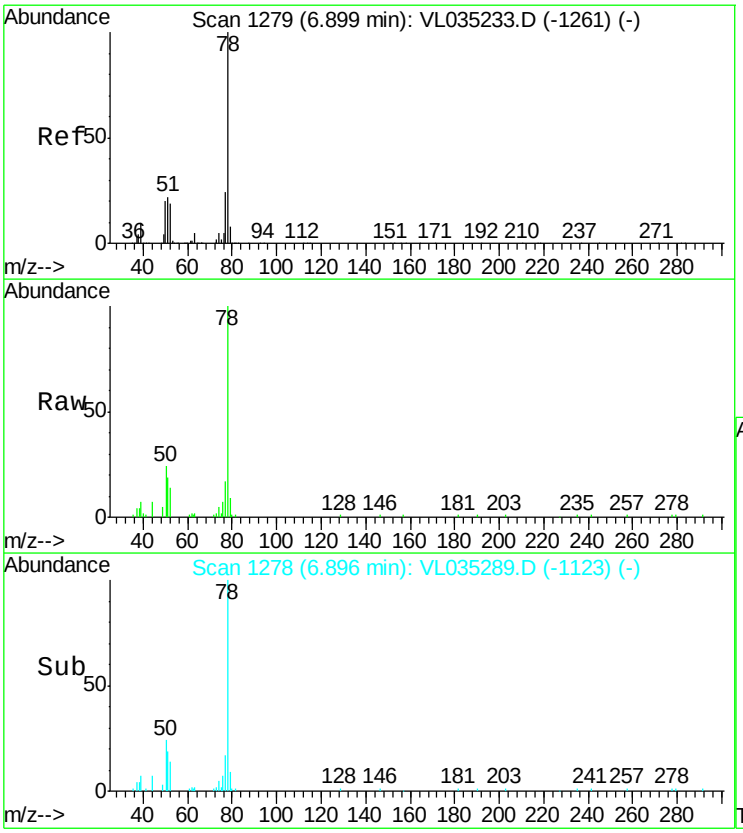
#35
Carbon Tetrachloride
Concen: 0.414 ppbv m
RT: 7.03 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:117 Resp: 75750

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
121	28.0	24.5	36.7

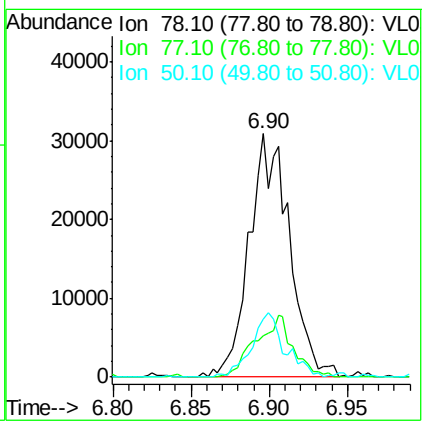


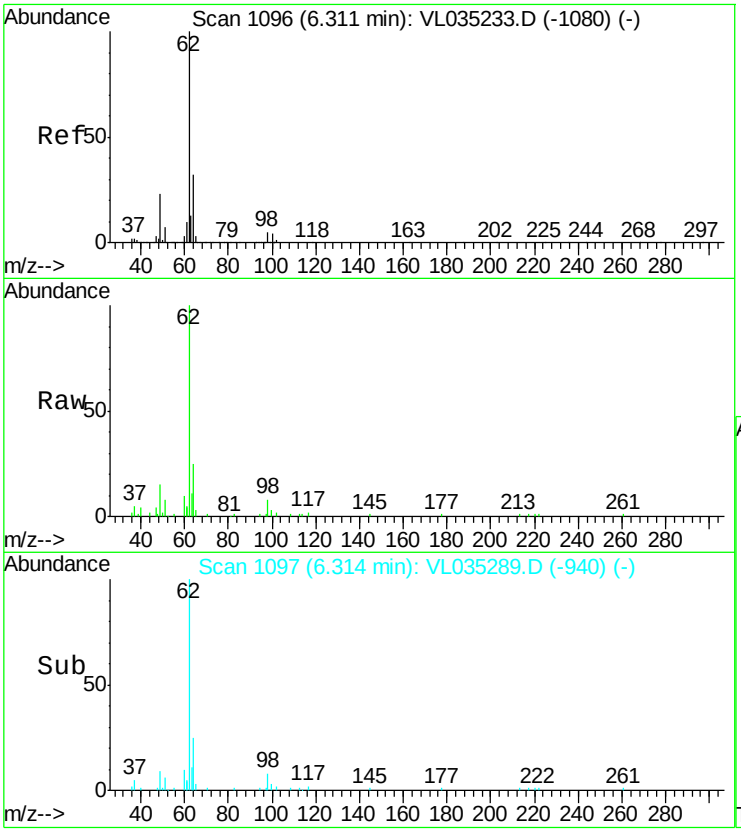


#36
Benzene
Concen: 0.291 ppbv m
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 78 Resp: 55242

Ion	Ratio	Lower	Upper
78	100		
77	17.1	18.9	28.3#
50	23.8	16.1	24.1



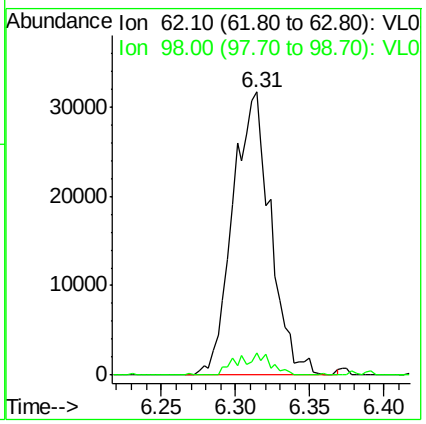


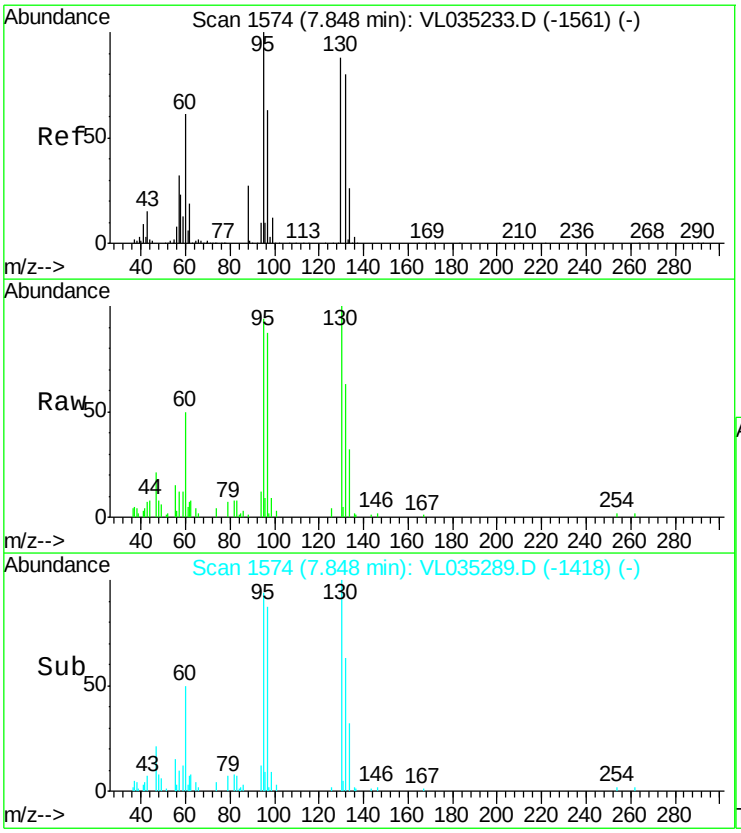
#37
1,2-Dichloroethane
Concen: 0.423 ppbv m
RT: 6.31 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 62 Resp: 56046

Ion	Ratio	Lower	Upper
62	100		
98	6.8	4.5	6.7#

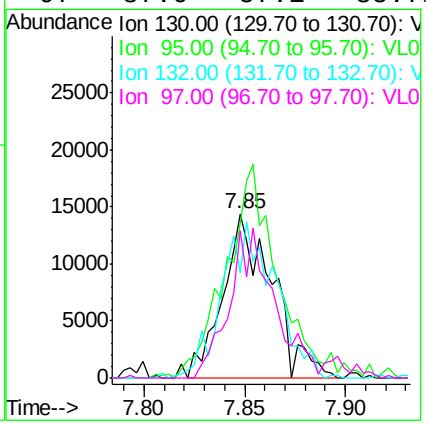


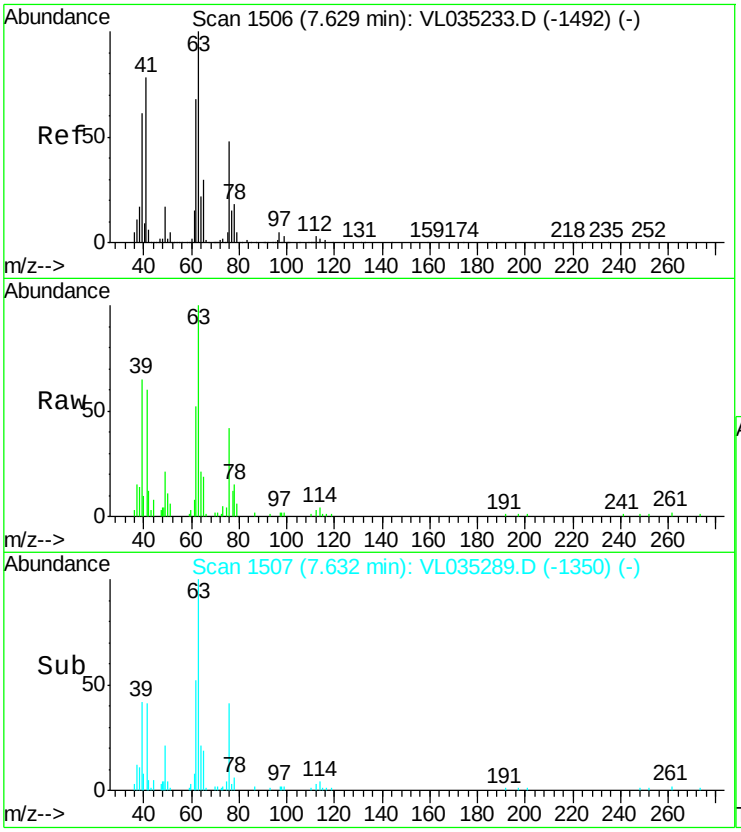


#38
Trichloroethene
Concen: 0.314 ppbv m
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:130 Resp: 24724

Ion	Ratio	Lower	Upper
130	100		
95	94.0	90.7	136.1
132	63.5	72.9	109.3#
97	87.0	57.1	85.7#



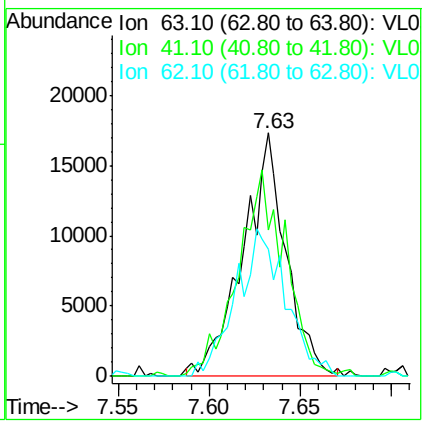


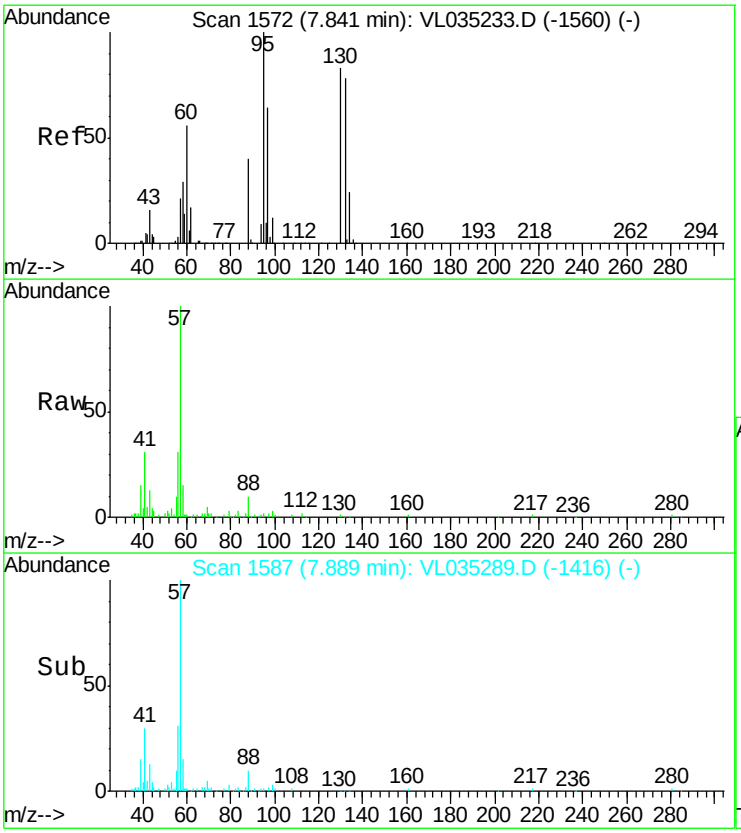
#39
1,2-Dichloropropane
Concen: 0.376 ppbv m
RT: 7.63 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 63 Resp: 28471

Ion	Ratio	Lower	Upper
63	100		
41	60.0	62.2	93.4#
62	52.3	54.2	81.2#

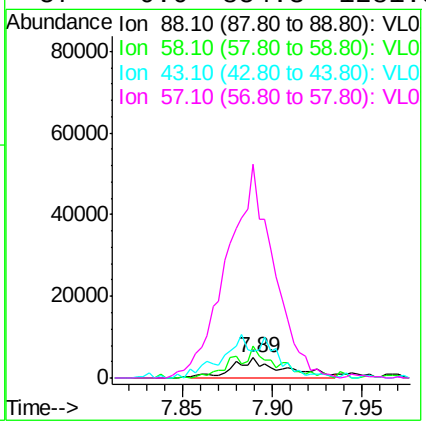


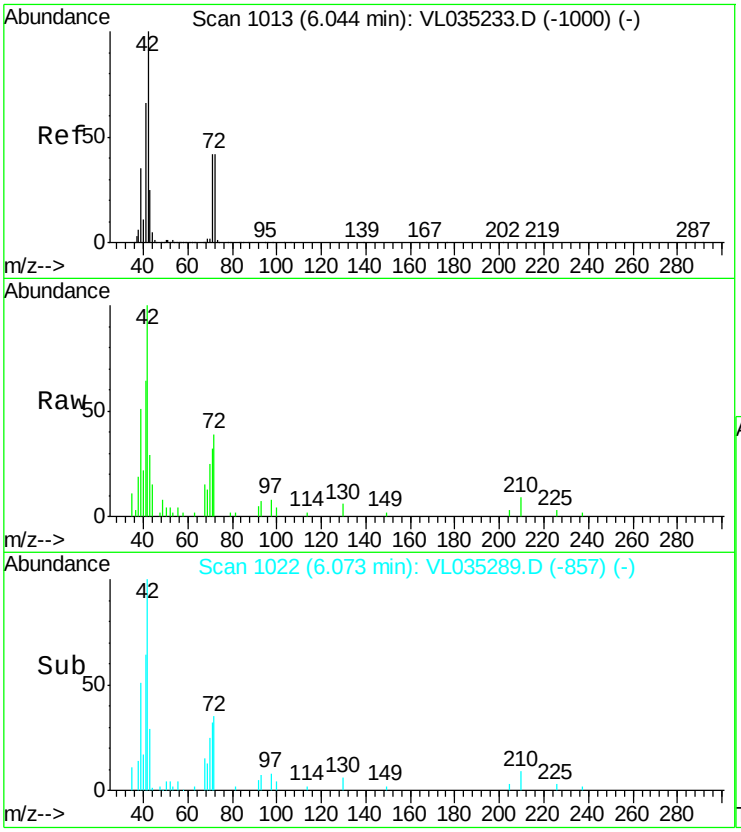


#40
1,4-Dioxane
Concen: 0.331 ppbv m
RT: 7.89 min Scan# 1587
Delta R.T. 0.05 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 88 Resp: 9879

Ion	Ratio	Lower	Upper
88	100		
58	0.0	99.3	148.9#
43	0.0	195.6	293.4#
57	0.0	854.3	1281.5#



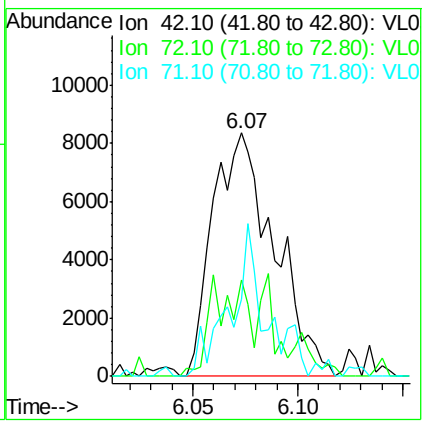


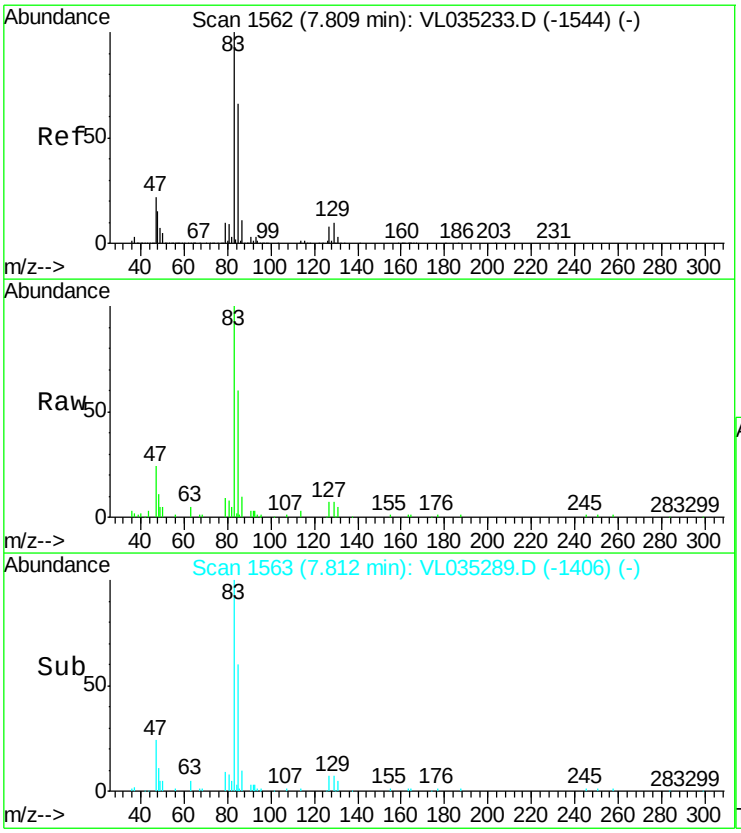
#41
Tetrahydrofuran
Concen: 0.249 ppbv m
RT: 6.07 min Scan# 1022
Delta R.T. 0.03 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 42 Resp: 16950

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.2#
71	0.0	33.2	49.8#

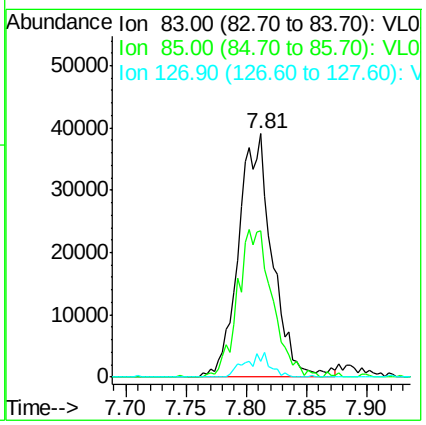


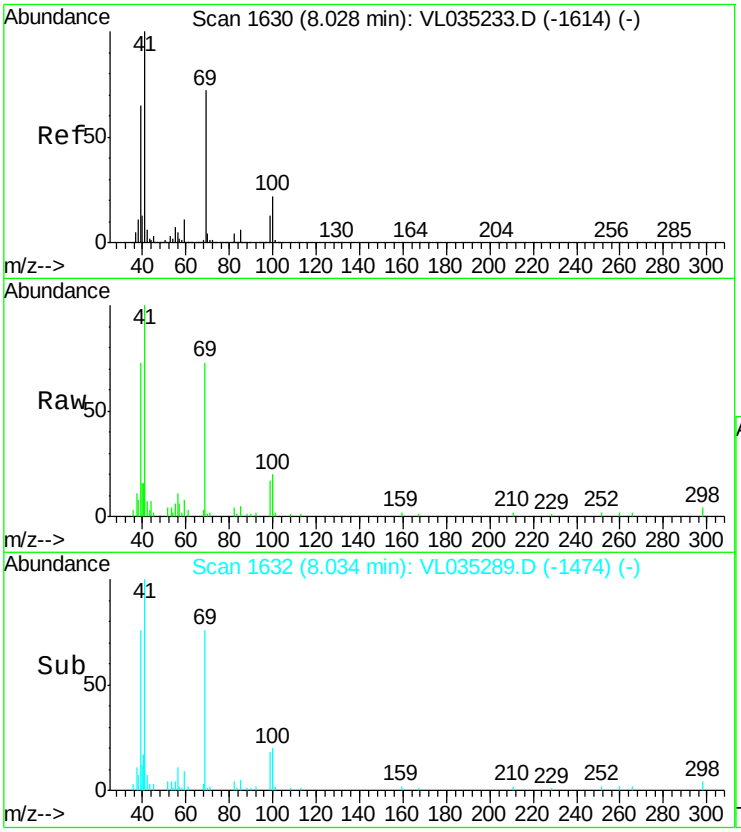


#42
Bromodichloromethane
Concen: 0.426 ppbv m
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 83 Resp: 75383

Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.9	79.3
127	6.5	6.5	9.7



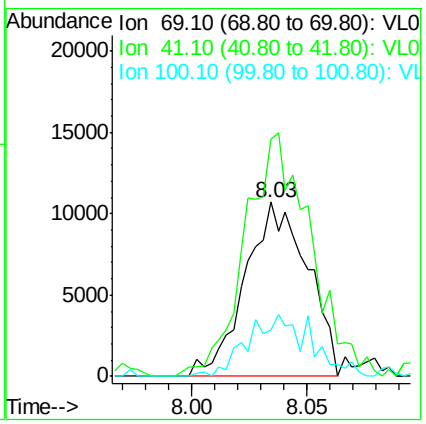


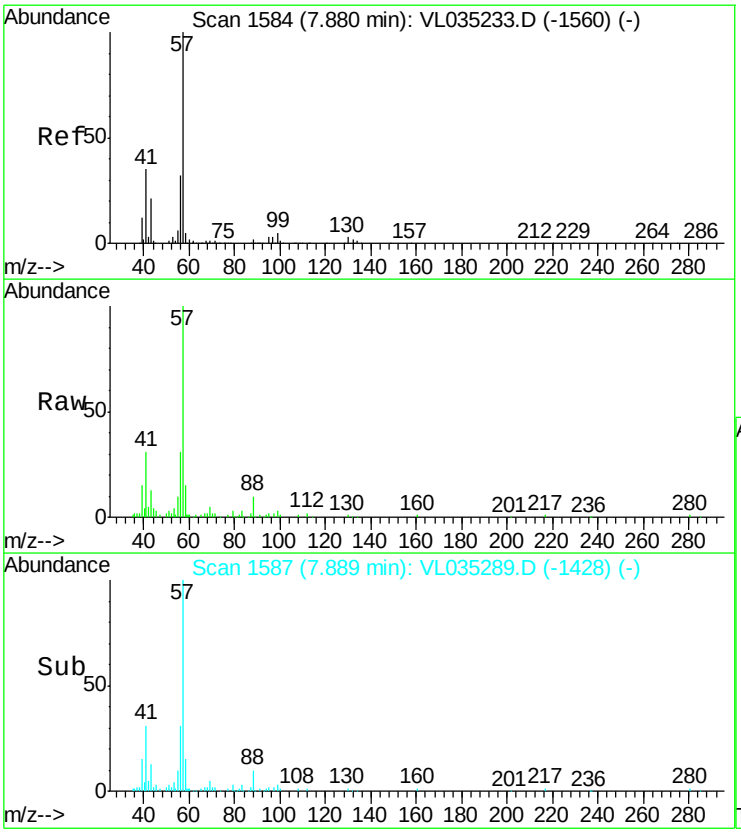
#43
Methyl Methacrylate
Concen: 0.245 ppbv m
RT: 8.03 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 69 Resp: 20173

Ion	Ratio	Lower	Upper
69	100		
41	0.0	113.0	169.4#
100	0.0	25.3	37.9#

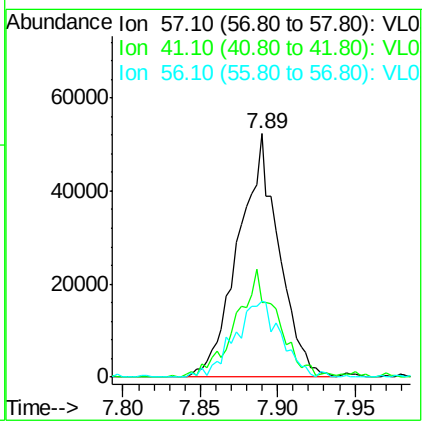


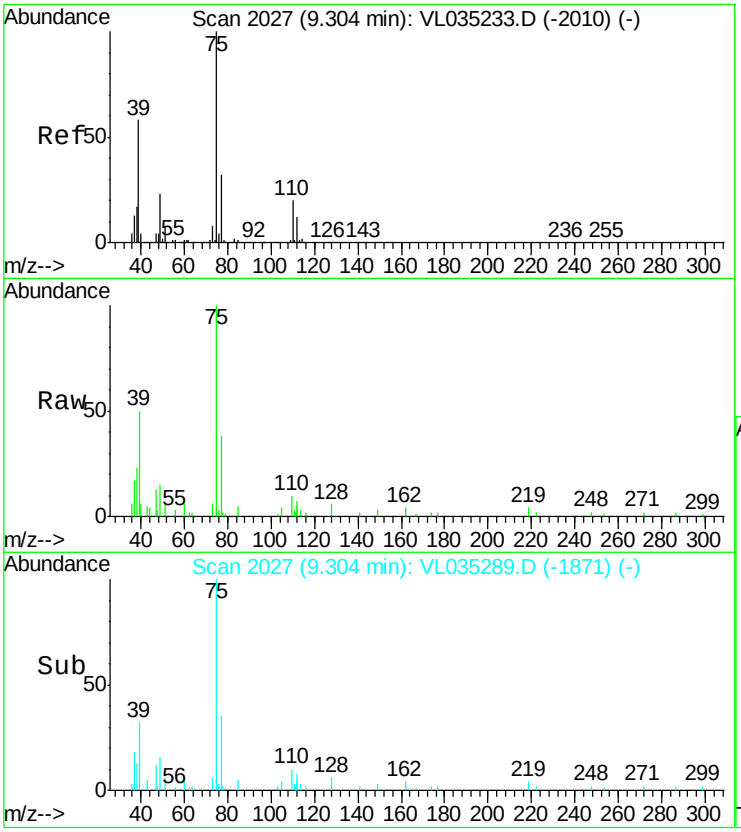


#44
2,2,4-Trimethylpentane
Concen: 0.285 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 57 Resp: 95132

Ion	Ratio	Lower	Upper
57	100		
41	45.2	27.0	40.4#
56	35.8	25.6	38.4



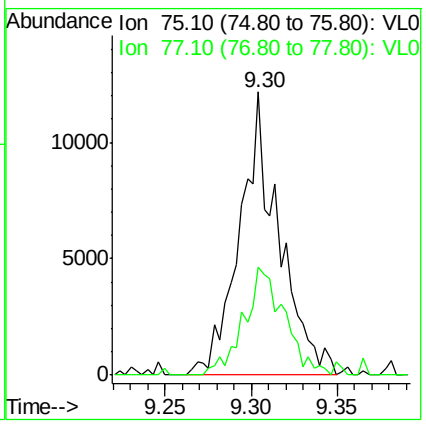


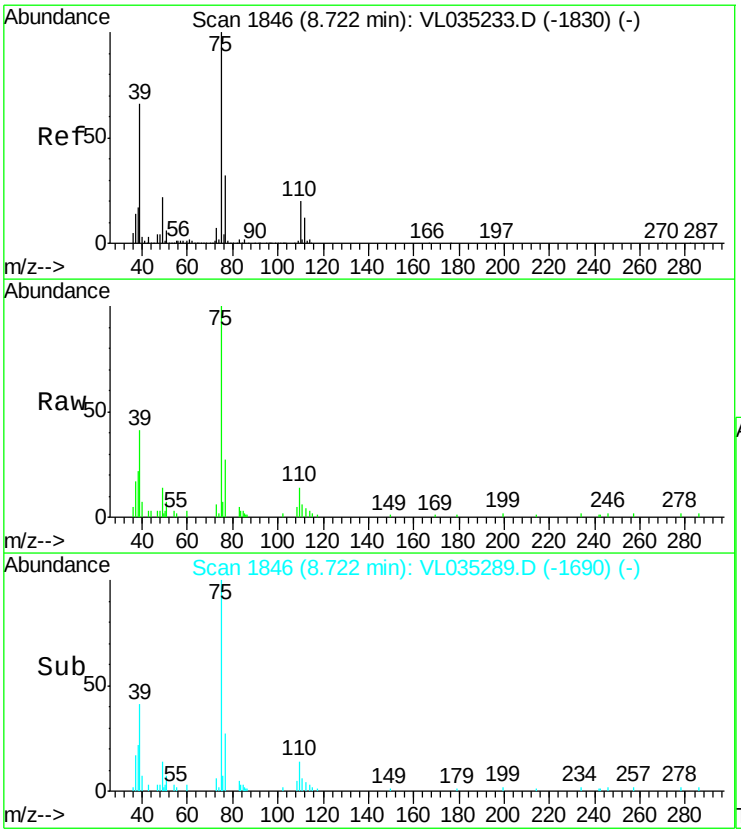
#45
t-1,3-Dichloropropene
Concen: 0.231 ppbv m
RT: 9.30 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 75 Resp: 19138

Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.6	38.4

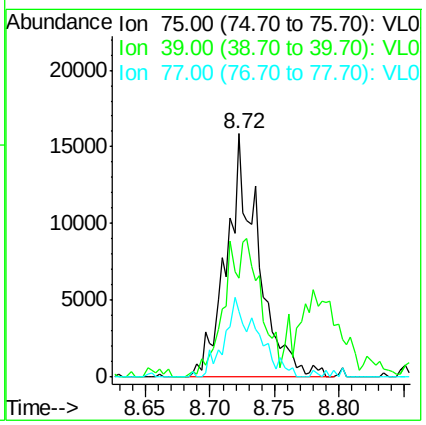


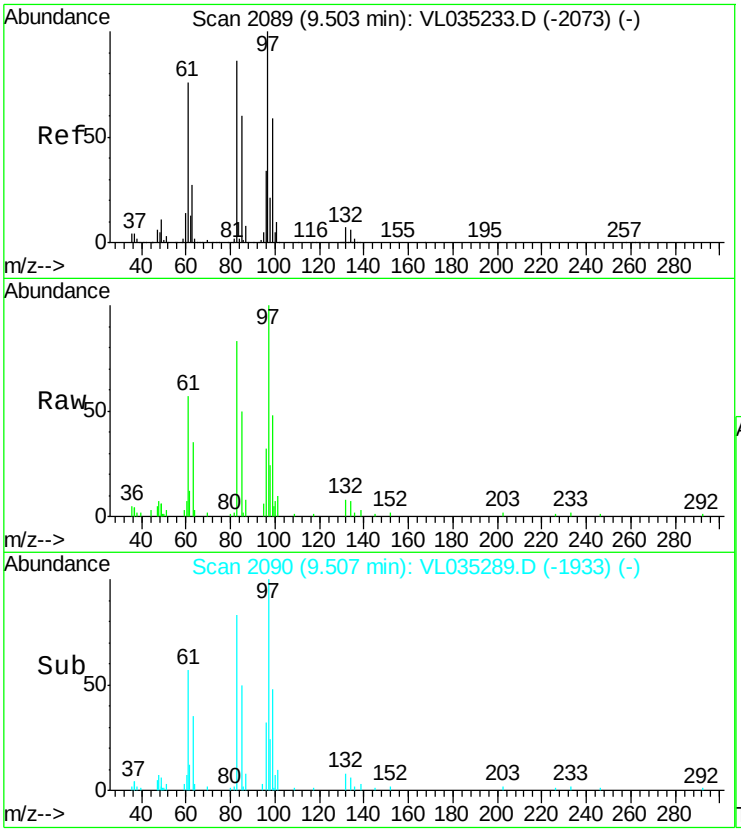


#46
cis-1,3-Dichloropropene
Concen: 0.268 ppbv m
RT: 8.72 min Scan# 1846
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 75 Resp: 27083

Ion	Ratio	Lower	Upper
75	100		
39	40.8	53.0	79.4#
77	26.7	25.8	38.8



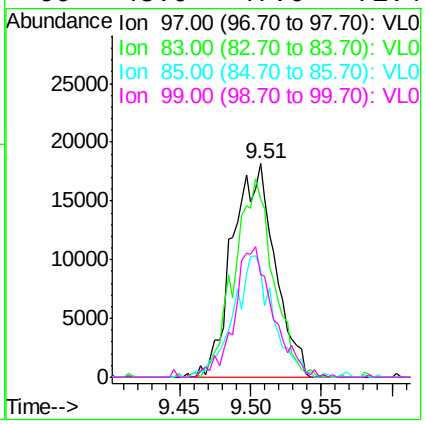


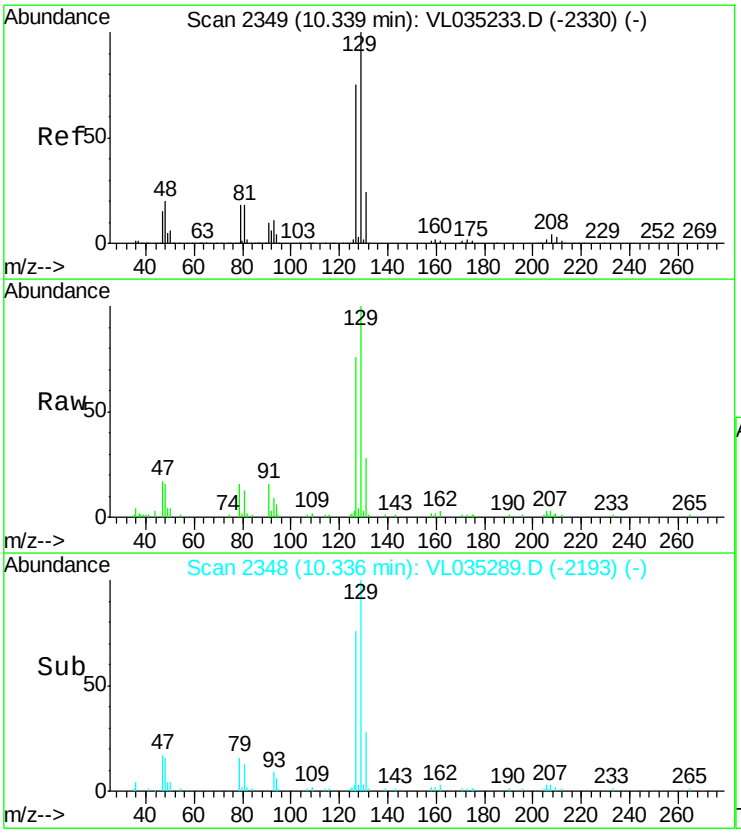
#47
1,1,2-Trichloroethane
Concen: 0.425 ppbv m
RT: 9.51 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 97 Resp: 38021

Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.4
85	50.2	47.8	71.8
99	48.0	47.6	71.4

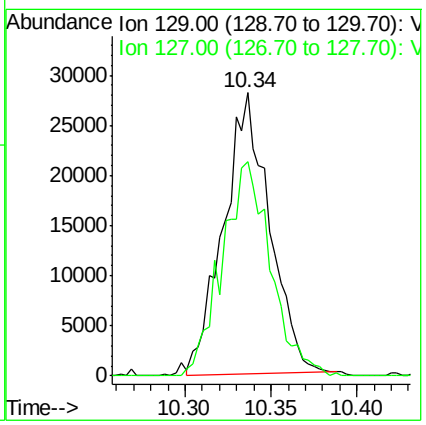


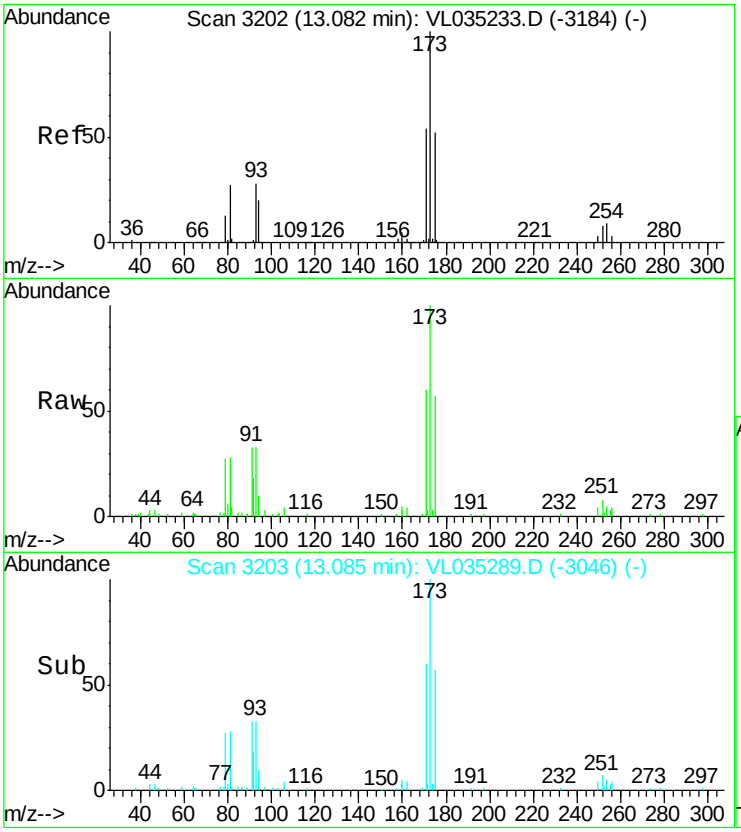


#48
Dibromochloromethane
Concen: 0.371 ppbv
RT: 10.34 min Scan# 2348
Delta R.T. -0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:129 Resp: 52267

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.6	119.0



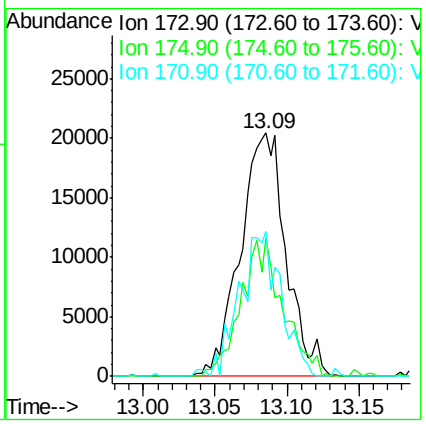


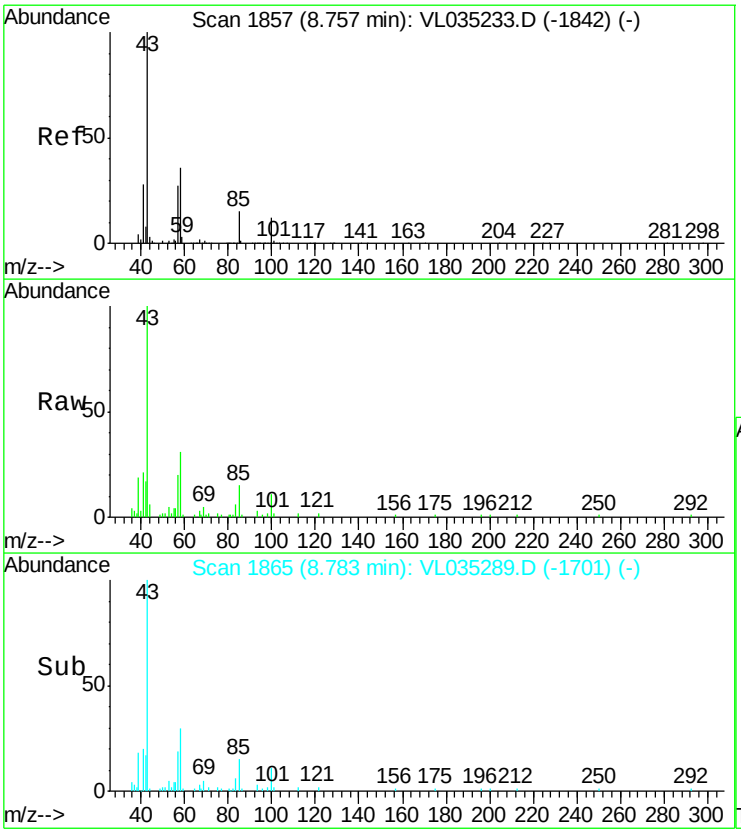
#49
Bromoform
Concen: 0.357 ppbv m
RT: 13.09 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:173 Resp: 45168

Ion	Ratio	Lower	Upper
173	100		
175	51.5	40.0	60.0
171	54.6	41.8	62.8

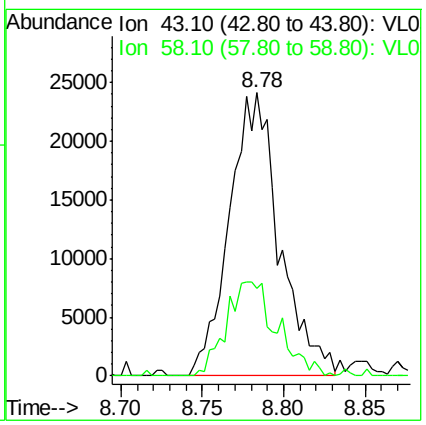


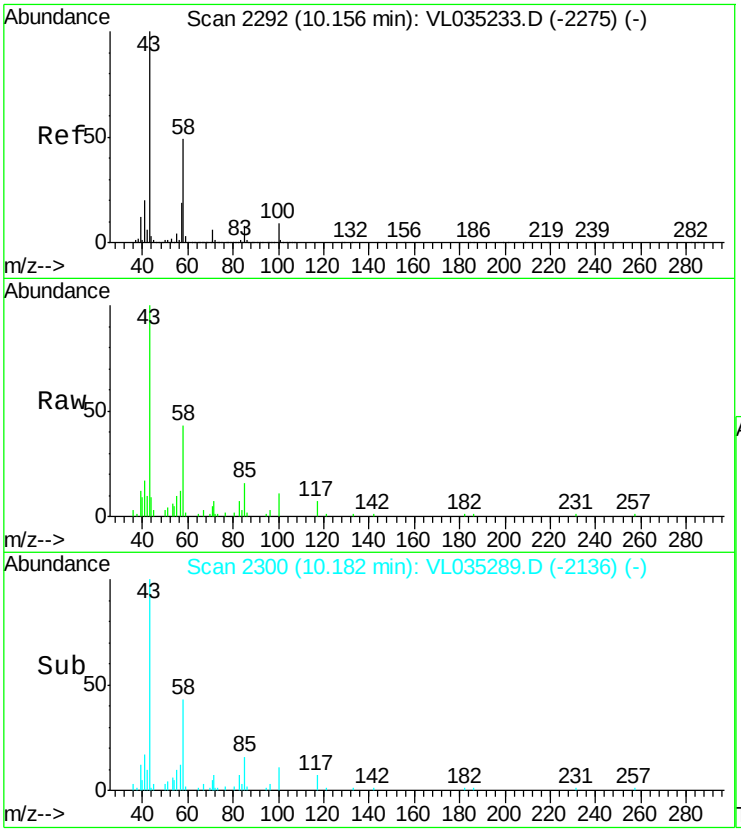


#50
4-Methyl-2-Pentanone
Concen: 0.256 ppbv m
RT: 8.78 min Scan# 1865
Delta R.T. 0.03 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 43 Resp: 51538

Ion	Ratio	Lower	Upper
43	100		
58	34.3	30.0	45.0



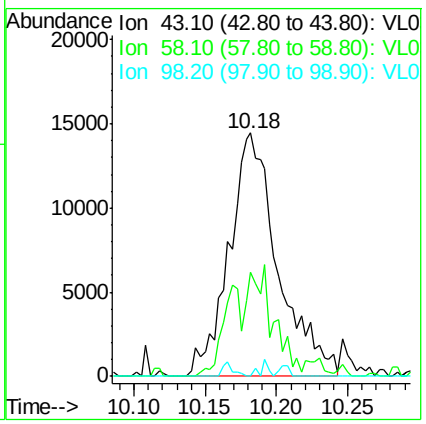


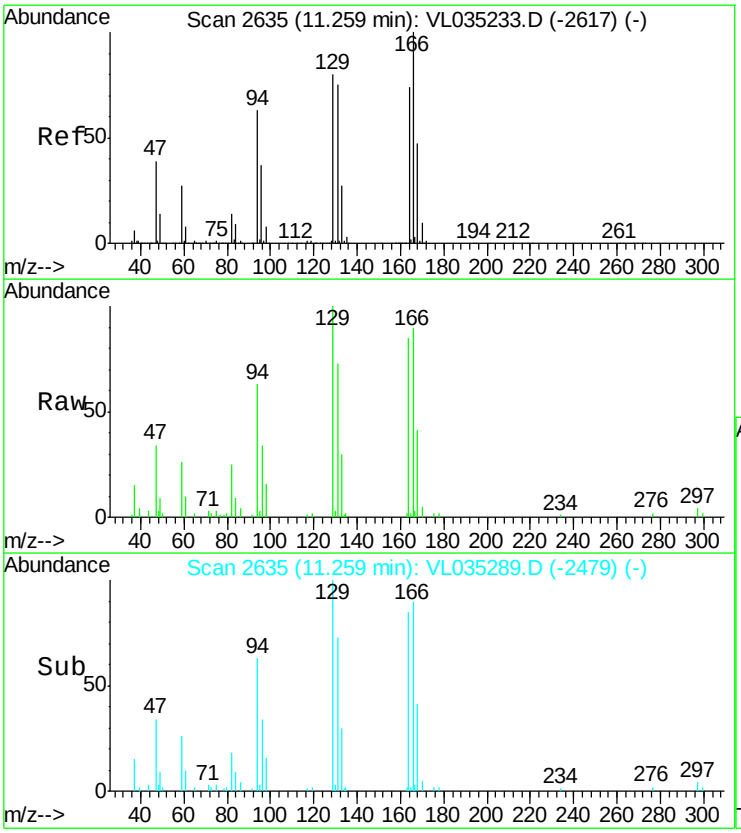
#51
2-Hexanone
Concen: 0.226 ppbv m
RT: 10.18 min Scan# 2300
Delta R.T. 0.03 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 43 Resp: 34528

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.8	58.2#
98	1.2	0.6	0.8#

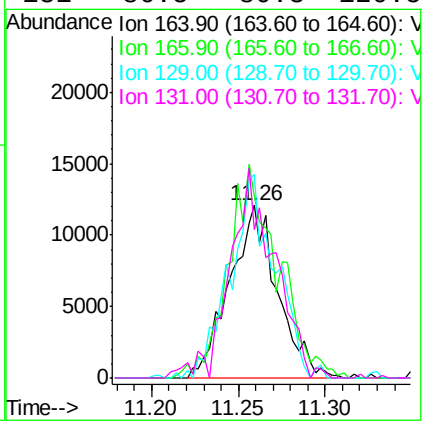


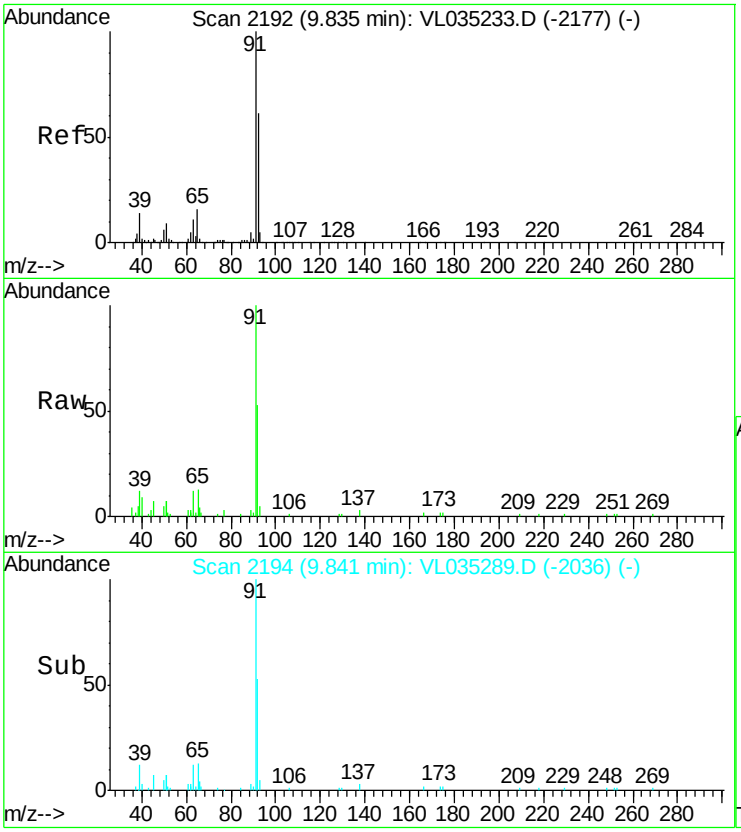


#52
Tetrachloroethene
Concen: 0.320 ppbv m
RT: 11.26 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:164 Resp: 23150

Ion	Ratio	Lower	Upper
164	100		
166	105.7	107.5	161.3#
129	117.8	86.0	129.0
131	86.5	80.3	120.5



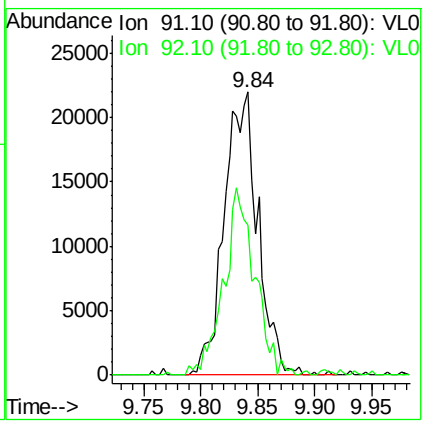


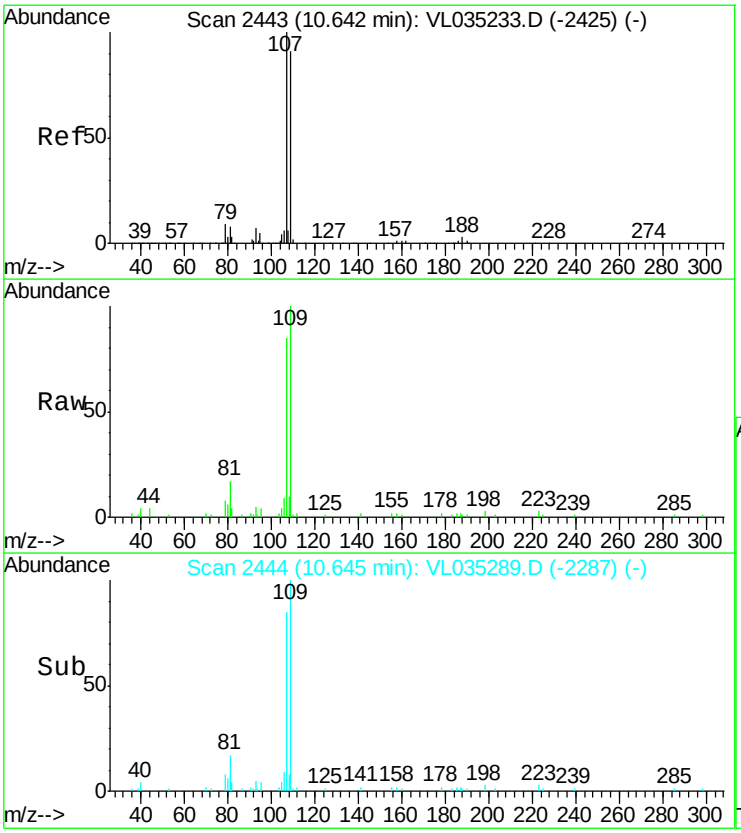
#53
Toluene
Concen: 0.224 ppbv m
RT: 9.84 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 91 Resp: 45180

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.5	72.7

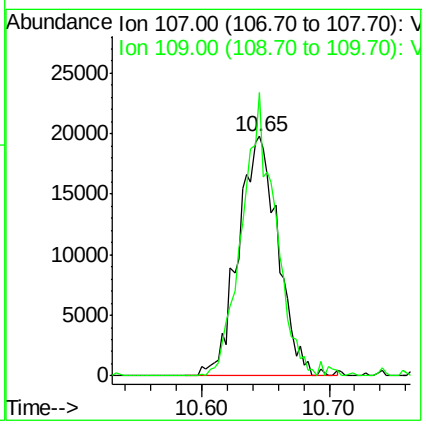


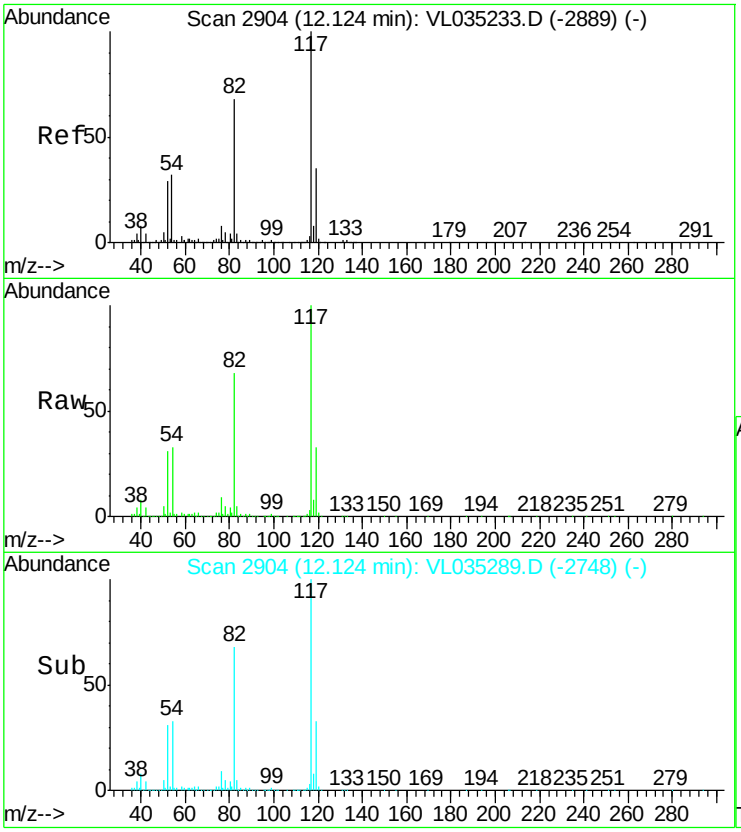


#54
1,2-Dibromoethane
Concen: 0.332 ppbv m
RT: 10.65 min Scan# 2444
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:107 Resp: 42888

Ion	Ratio	Lower	Upper
107	100		
109	118.2	73.0	109.6#



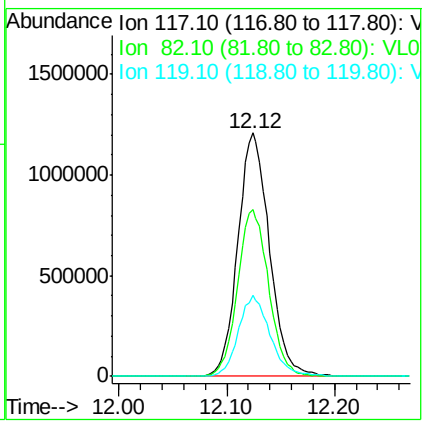


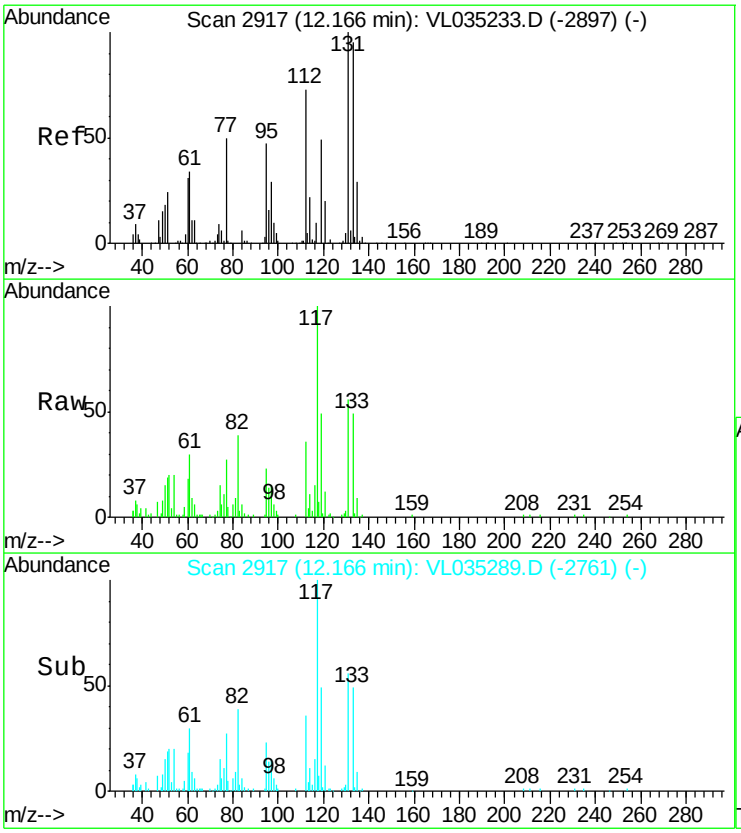
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:117 Resp: 2458397

Ion	Ratio	Lower	Upper
117	100		
82	67.9	52.4	78.6
119	33.5	24.6	36.8

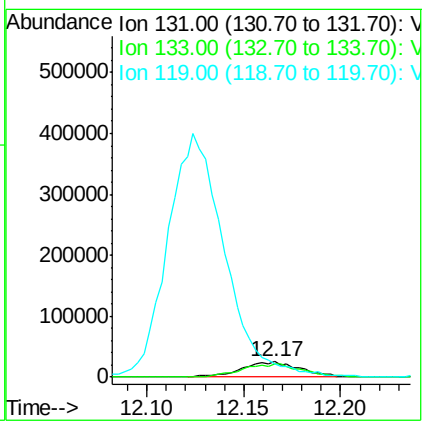


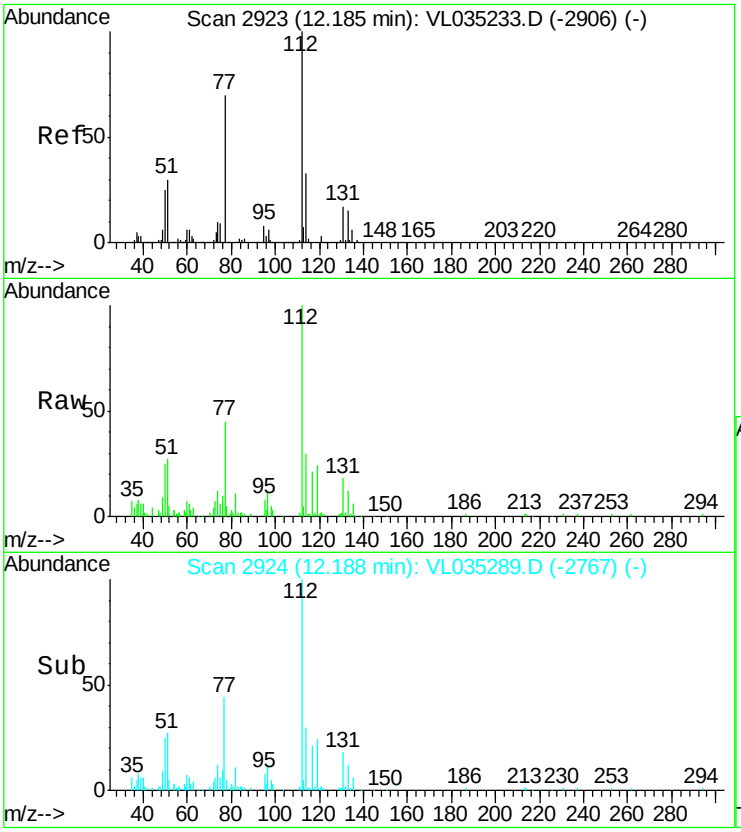


#56
1,1,1,2-Tetrachloroethane
Concen: 0.461 ppbv m
RT: 12.17 min Scan# 2917
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:131 Resp: 52076

Ion	Ratio	Lower	Upper
131	100		
133	93.9	76.1	114.1
119	1582.7	44.3	66.5#



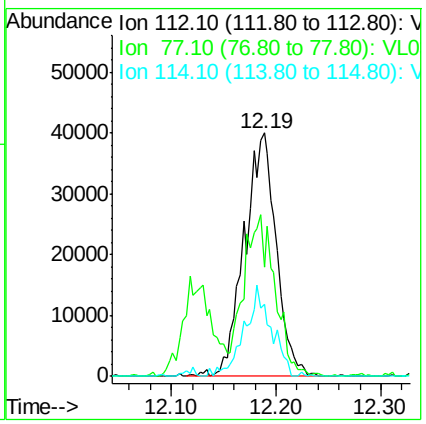


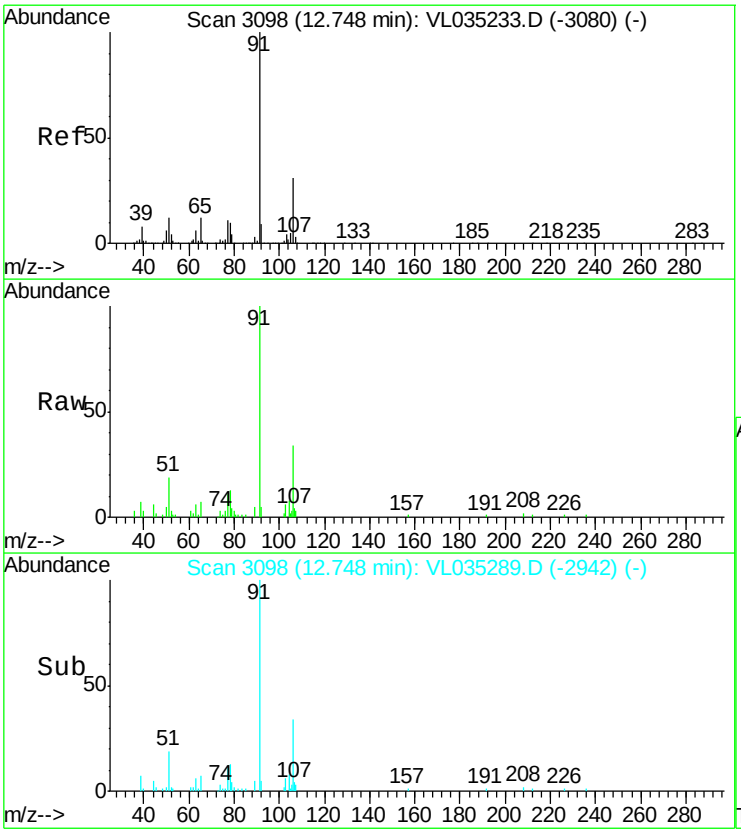
#57
Chlorobenzene
Concen: 0.456 ppbv m
RT: 12.19 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:112 Resp: 84278

Ion	Ratio	Lower	Upper
112	100		
77	44.8	57.3	85.9#
114	29.6	29.3	35.8

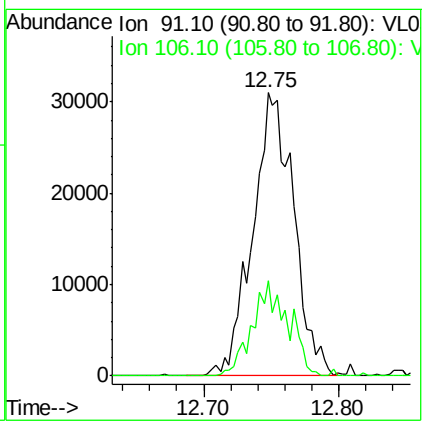


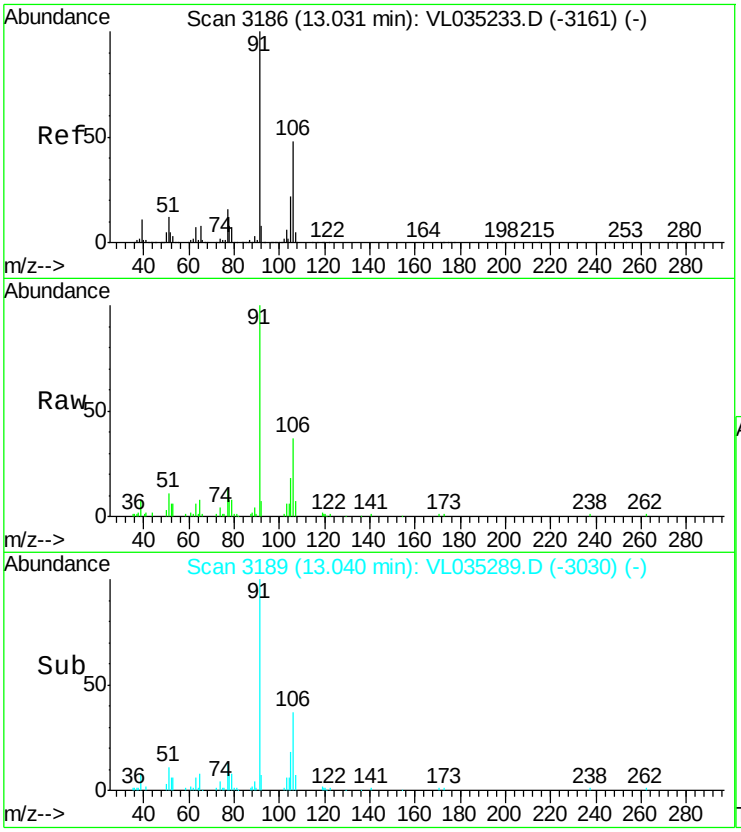


#58
Ethyl Benzene
Concen: 0.251 ppbv m
RT: 12.75 min Scan# 3098
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 91 Resp: 65238

Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.0	37.6



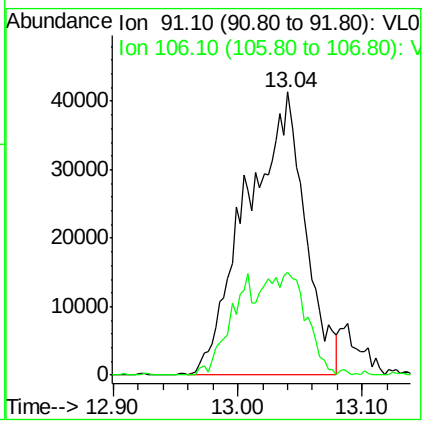


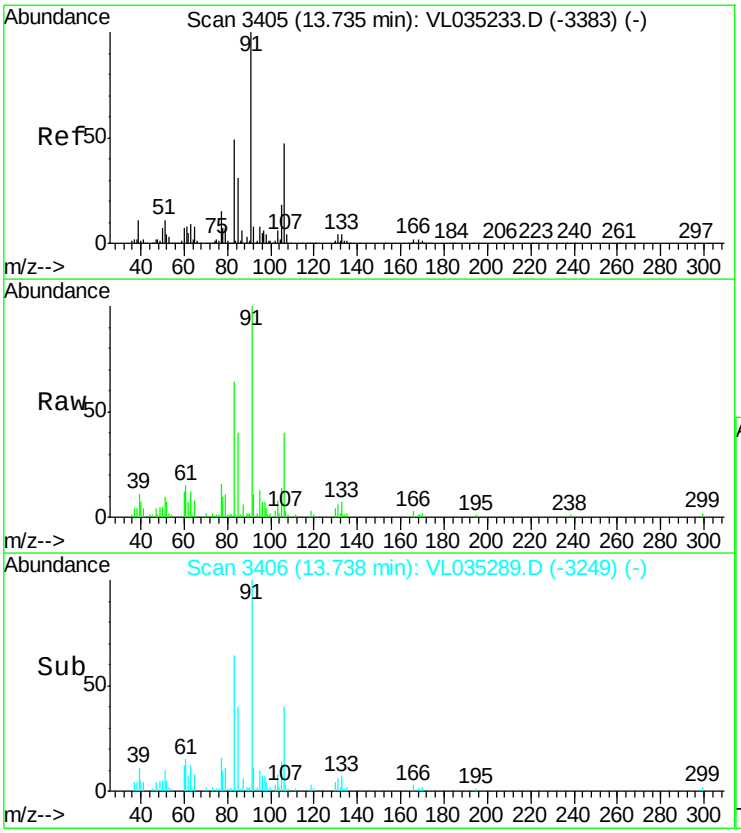
#59
m/p-Xylene
Concen: 0.551 ppbv m
RT: 13.04 min Scan# 3189
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 91 Resp: 133618

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.2	55.8#

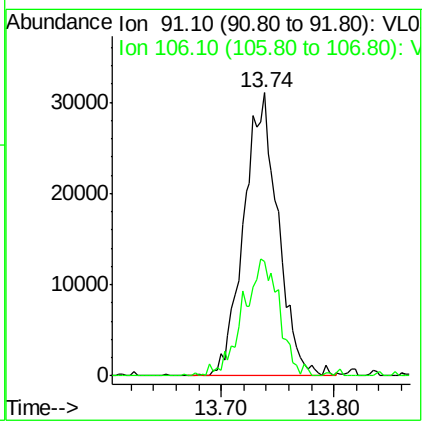


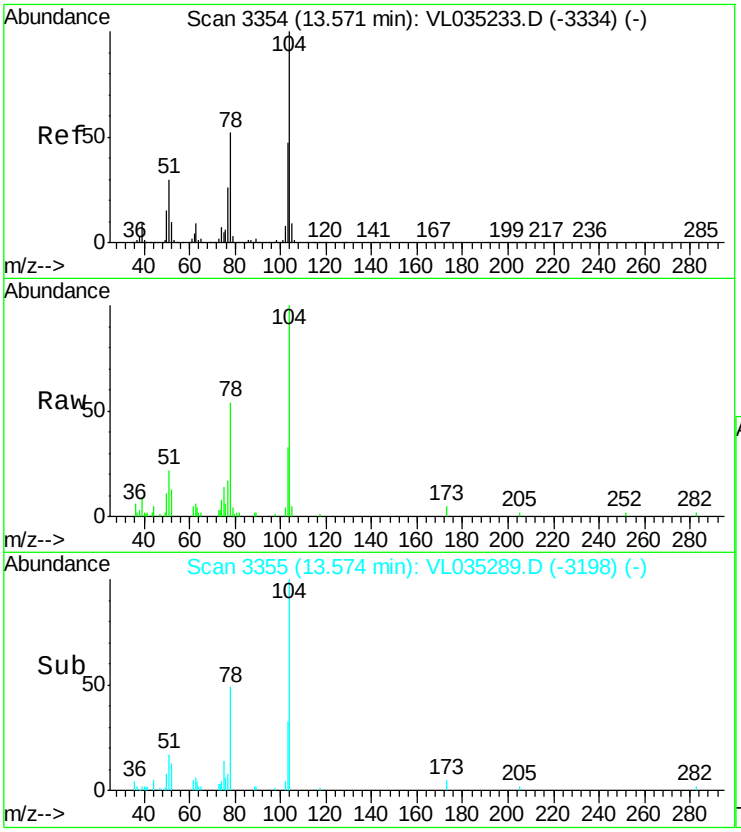


#60
o-Xylene
Concen: 0.269 ppbv m
RT: 13.74 min Scan# 3406
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 91 Resp: 65172

Ion	Ratio	Lower	Upper
91	100		
106	44.1	22.4	67.0



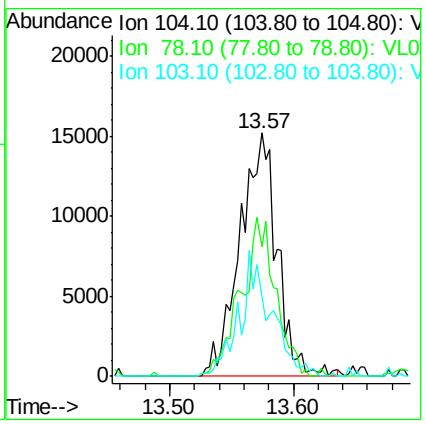


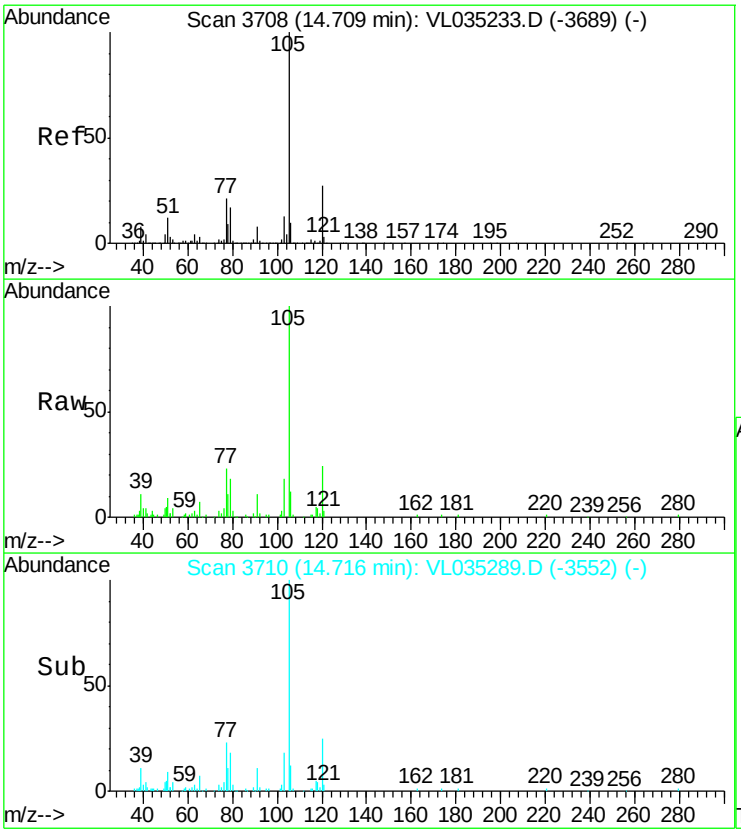
#61
Stvrene
Concen: 0.215 ppbv m
RT: 13.57 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:104 Resp: 31583

Ion	Ratio	Lower	Upper
104	100		
78	61.3	43.3	64.9
103	0.0	38.2	57.2#

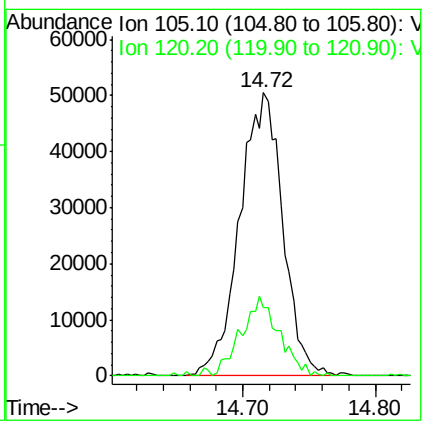


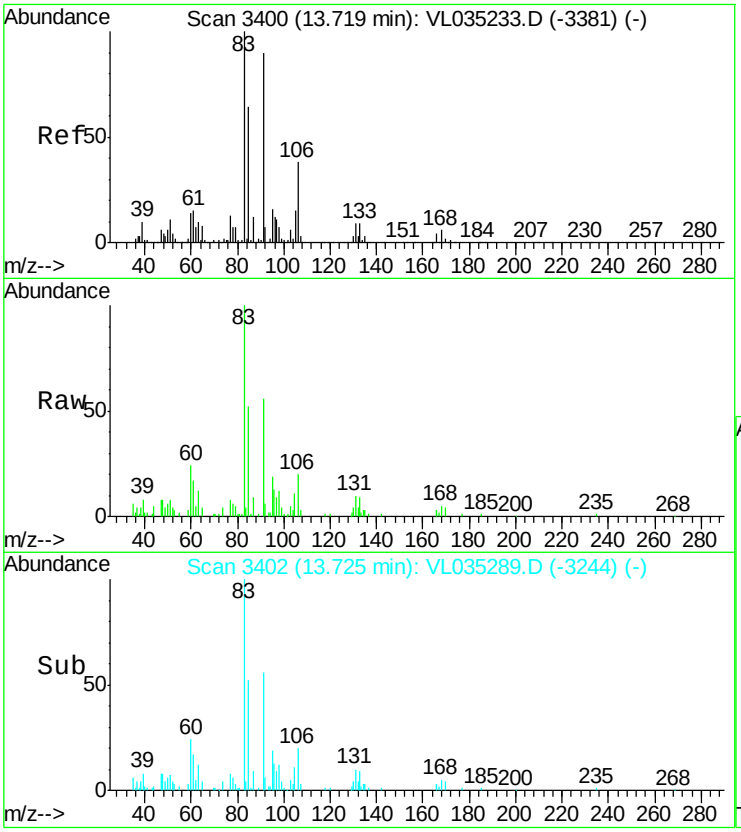


#62
Isopropylbenzene
Concen: 0.313 ppbv
RT: 14.72 min Scan# 3710
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:105 Resp: 112546

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.8	31.2



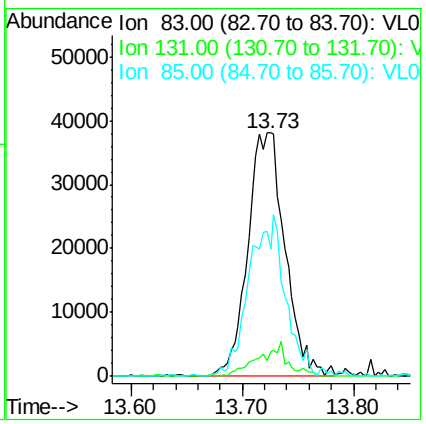


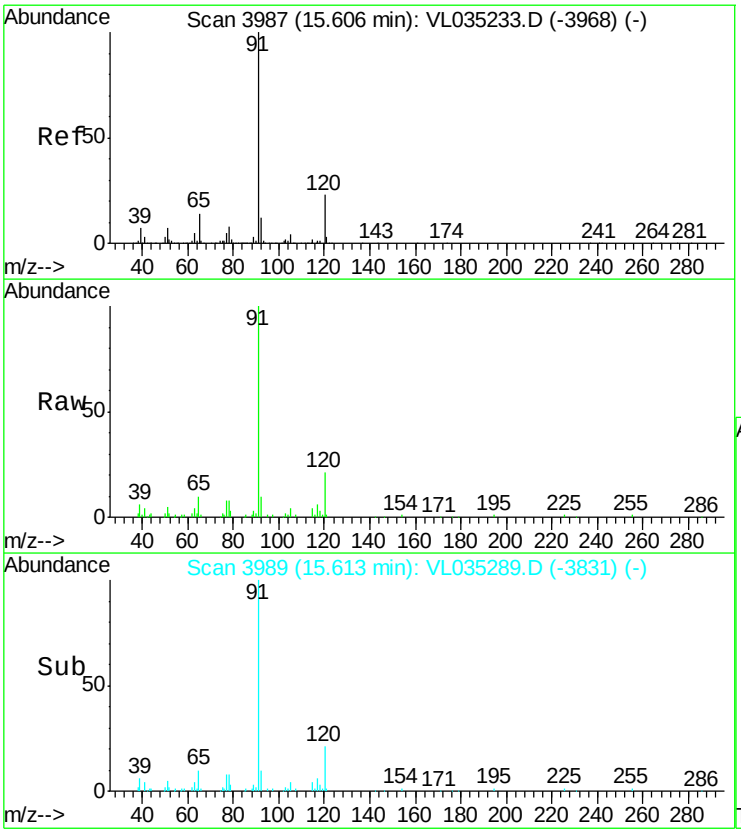
#63
1,1,2,2-Tetrachloroethane
Concen: 0.428 ppbv m
RT: 13.73 min Scan# 3402
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 83 Resp: 89003

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.7	98.1#

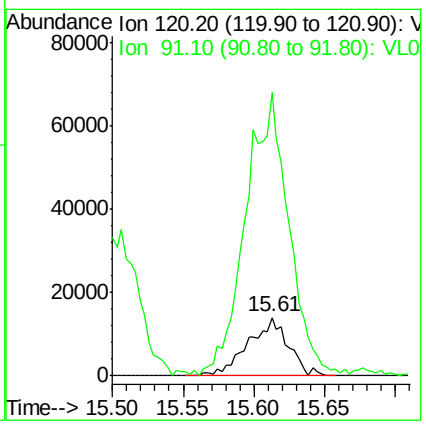


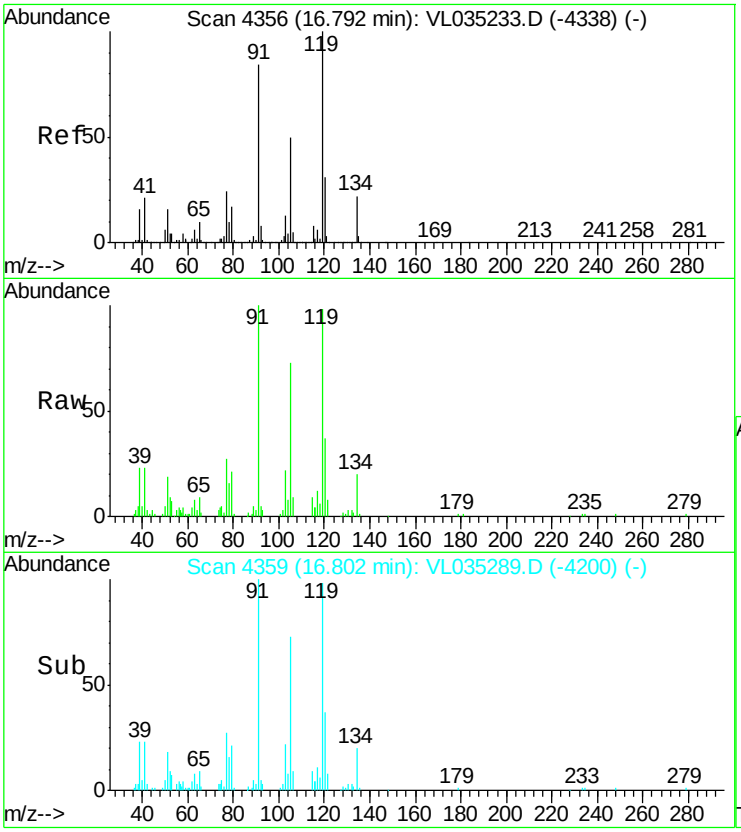


#64
n-propylbenzene
Concen: 0.285 ppbv m
RT: 15.61 min Scan# 3989
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:120 Resp: 27292

Ion	Ratio	Lower	Upper
120	100		
91	539.2	367.5	551.3



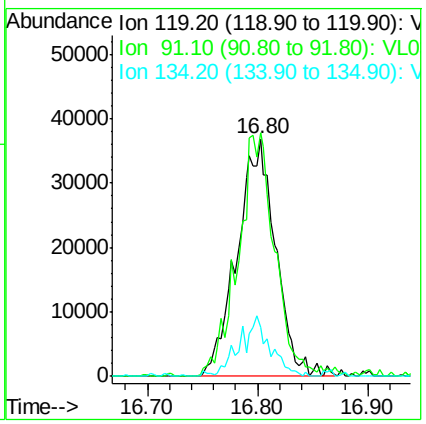


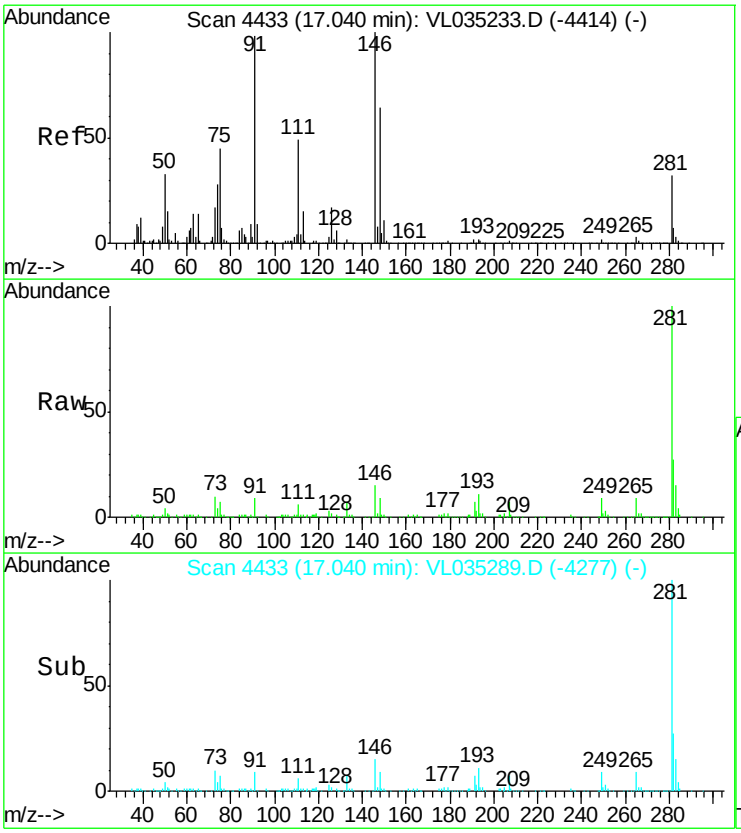
#65
tert-Butylbenzene
Concen: 0.276 ppbv m
RT: 16.80 min Scan# 4359
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:119 Resp: 89994

Ion	Ratio	Lower	Upper
119	100		
91	0.0	68.0	102.0#
134	0.0	16.3	24.5#

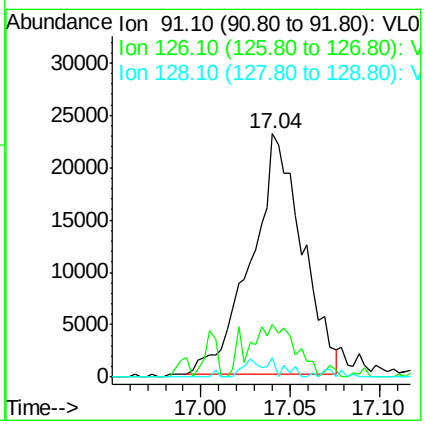


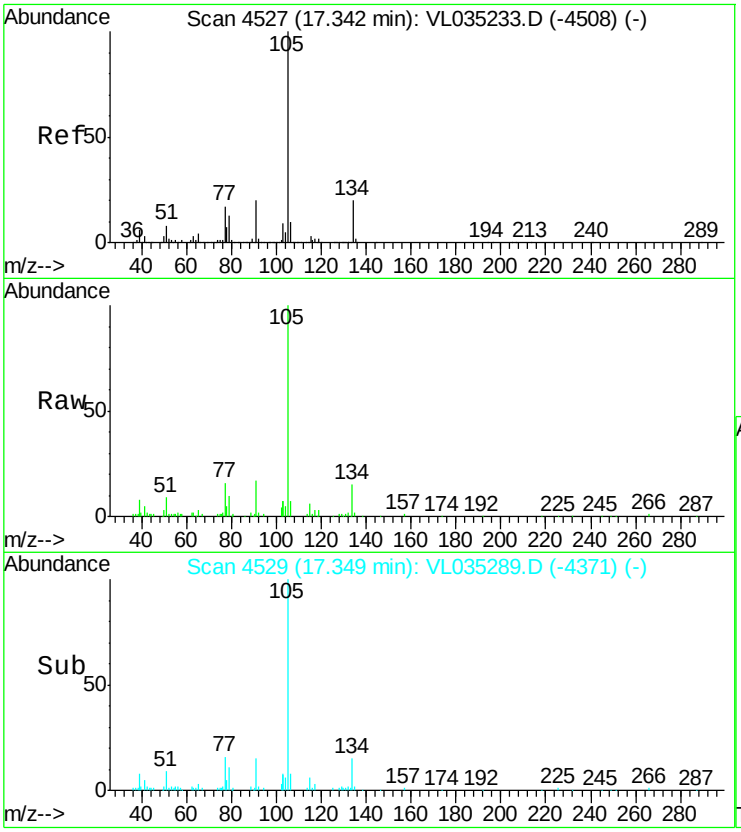


#66
Benzyl Chloride
Concen: 0.356 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 91 Resp: 45533

Ion	Ratio	Lower	Upper
91	100		
126	22.3	14.1	21.1#
128	4.0	4.4	6.6#



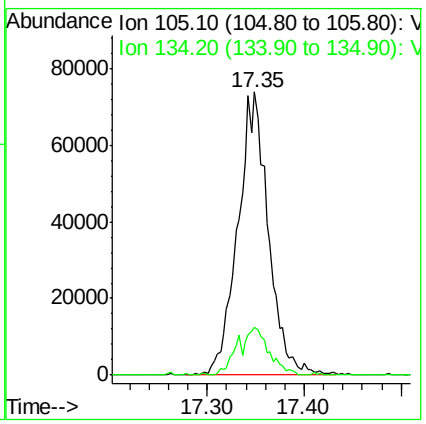


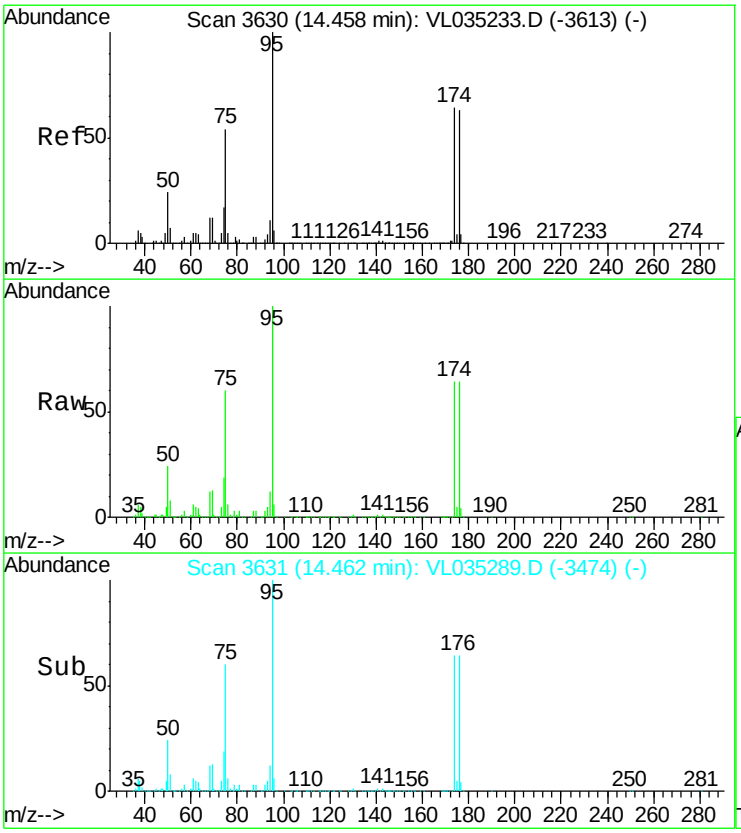
#67
sec-Butylbenzene
Concen: 0.339 ppbv m
RT: 17.35 min Scan# 4529
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:105 Resp: 161735

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.0	22.4#

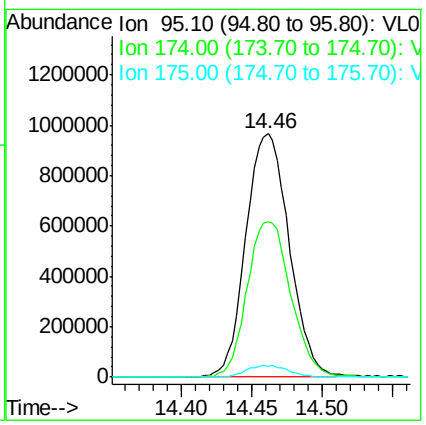


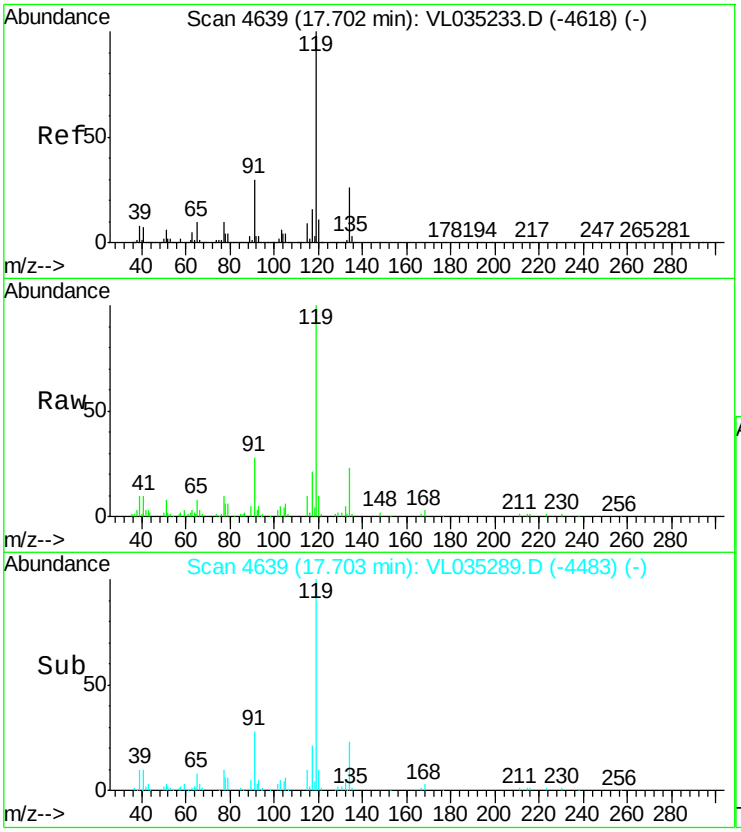


#68
1-Bromo-4-Fluorobenzene
Concen: 10.569 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 95 Resp: 2076253

Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.7	79.1
175	4.8	3.9	5.9



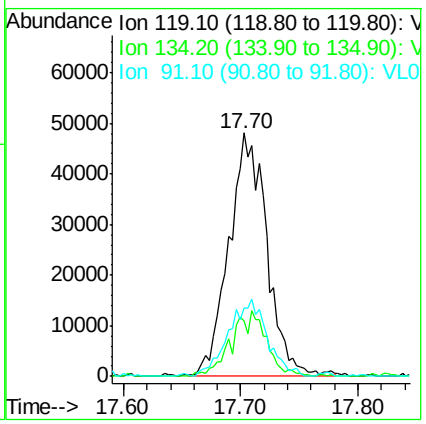


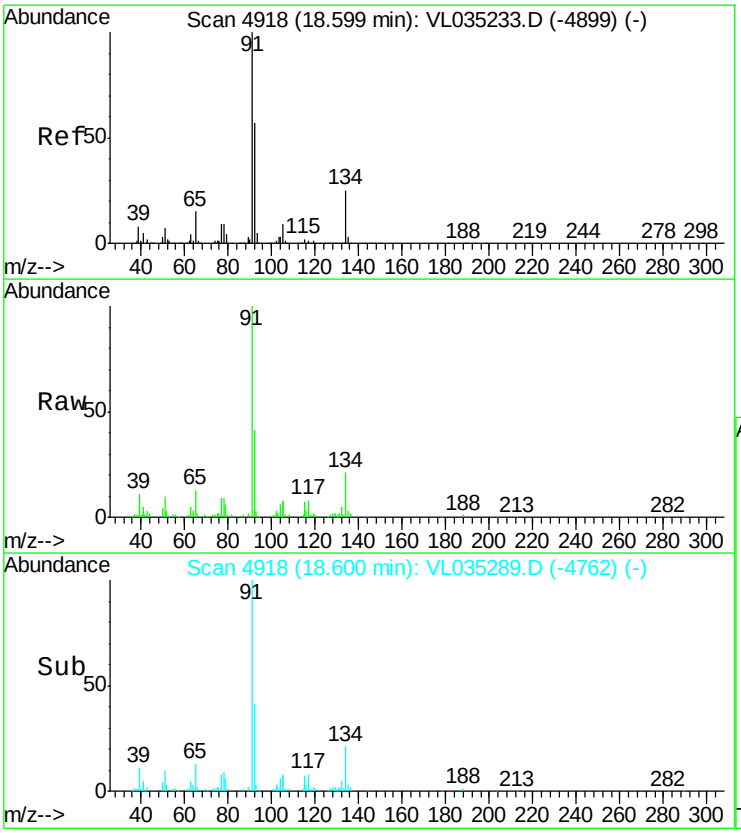
#69
p-Isopropyltoluene
Concen: 0.278 ppbv m
RT: 17.70 min Scan# 4639
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:119 Resp: 107990

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.8	31.2#
91	0.0	24.7	37.1#

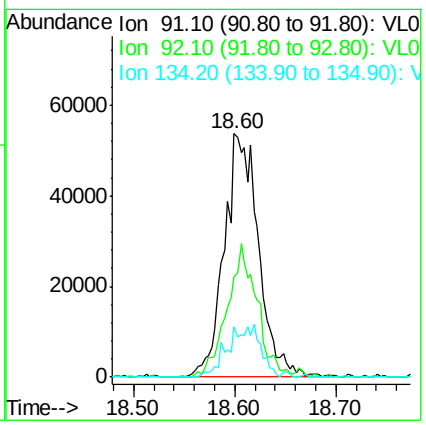


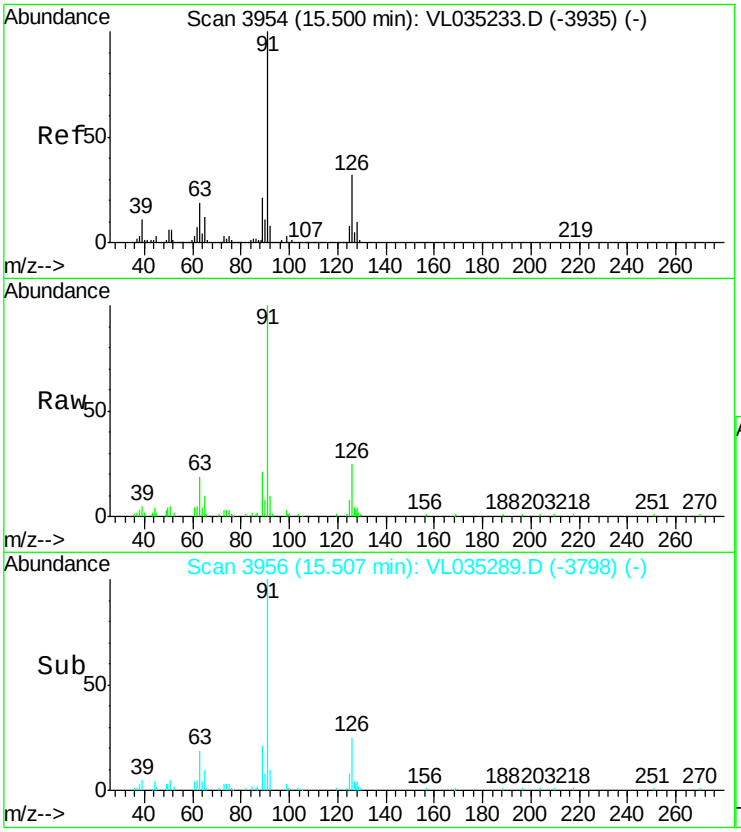


#70
n-Butylbenzene
Concen: 0.300 ppbv m
RT: 18.60 min Scan# 4918
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion: 91 Resp: 126340

Ion	Ratio	Lower	Upper
91	100		
92	48.8	44.9	67.3
134	0.0	18.6	28.0#



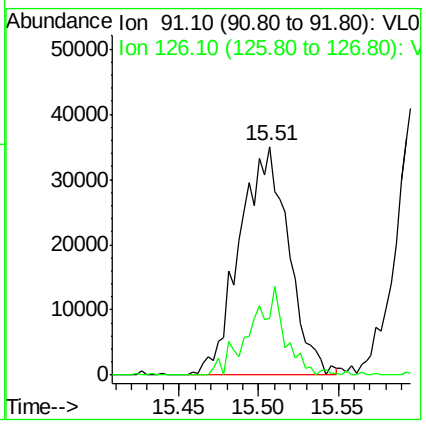


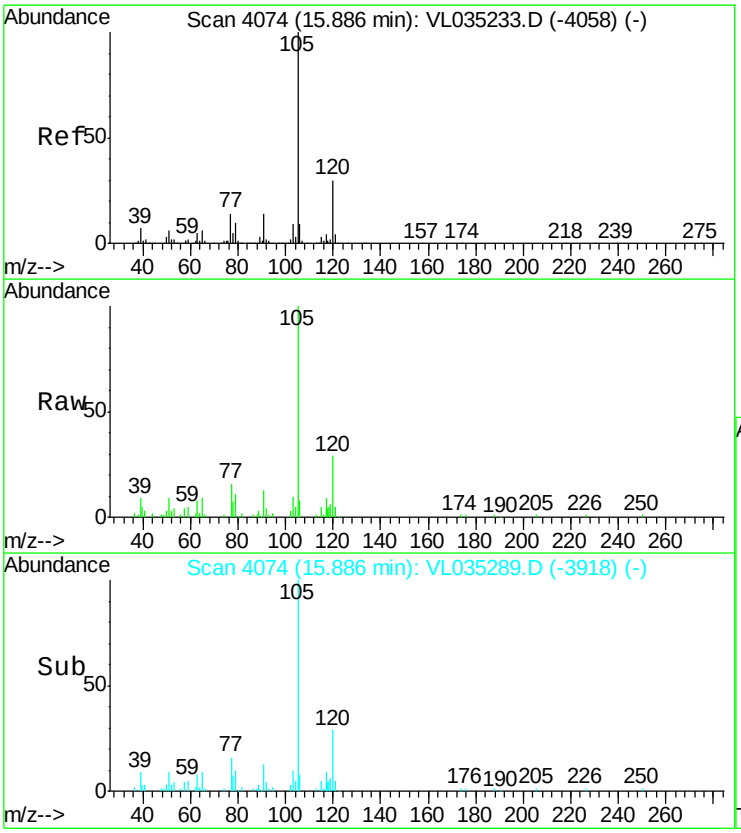
#71
2-Chlorotoluene
Concen: 0.275 ppbv m
RT: 15.51 min Scan# 3956
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion: 91 Resp: 74777

Ion	Ratio	Lower	Upper
91	100		
126	27.6	12.3	49.1

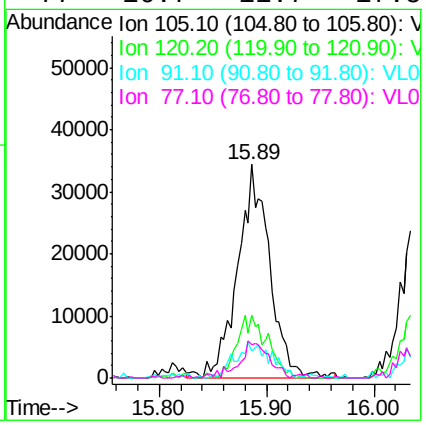


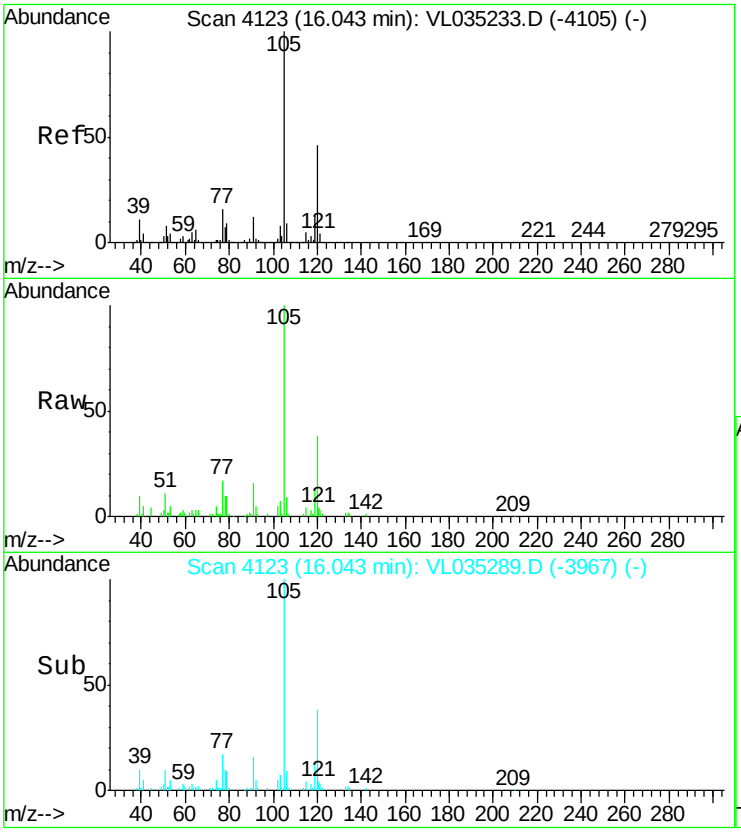


#72
4-Ethyltoluene
Concen: 0.262 ppbv m
RT: 15.89 min Scan# 4074
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:105 Resp: 71233

Ion	Ratio	Lower	Upper
105	100		
120	28.4	23.6	35.4
91	19.1	11.0	16.6#
77	16.7	11.7	17.5



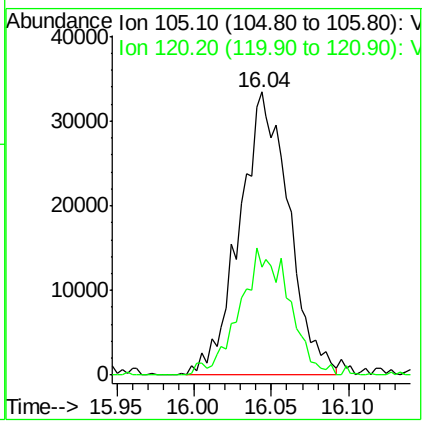


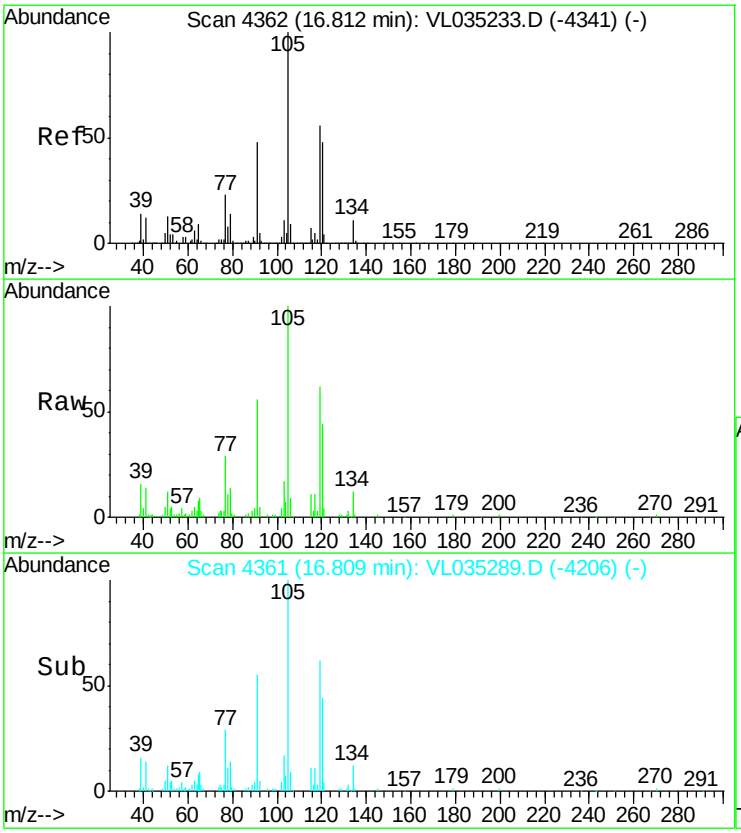
#73
1,3,5-Trimethylbenzene
Concen: 0.279 ppbv
RT: 16.04 min Scan# 4123
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:105 Resp: 74168

Ion	Ratio	Lower	Upper
105	100		
120	42.5	36.8	55.2

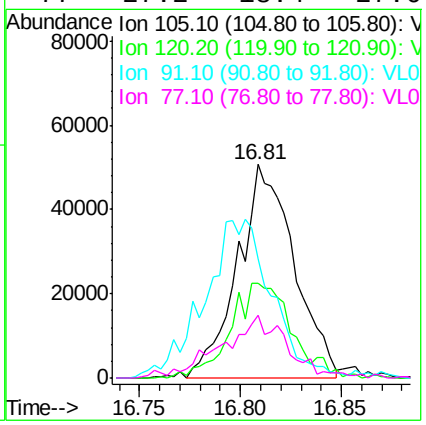


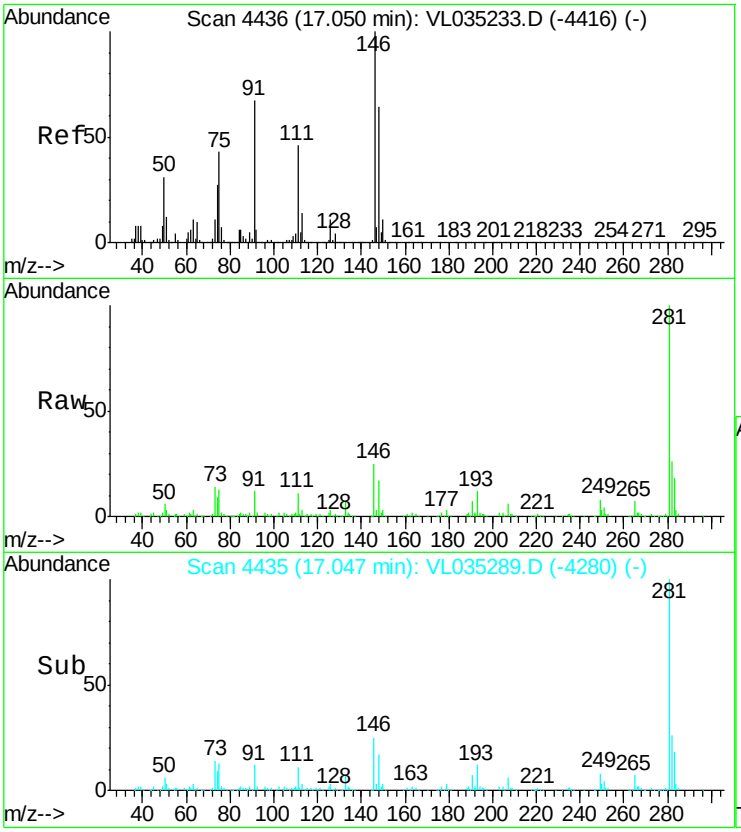


#74
1,2,4-Trimethylbenzene
Concen: 0.319 ppbv
RT: 16.81 min Scan# 4361
Delta R.T. -0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:105 Resp: 98706

Ion	Ratio	Lower	Upper
105	100		
120	42.7	38.8	58.2
91	53.5	38.9	58.3
77	27.2	18.4	27.6



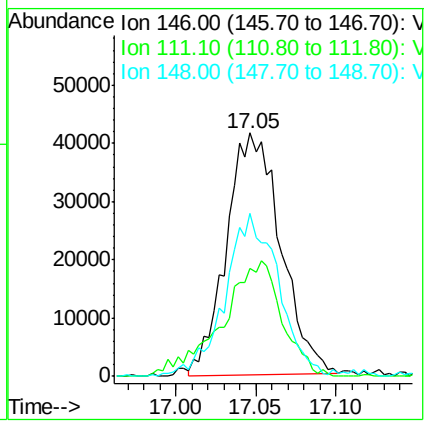


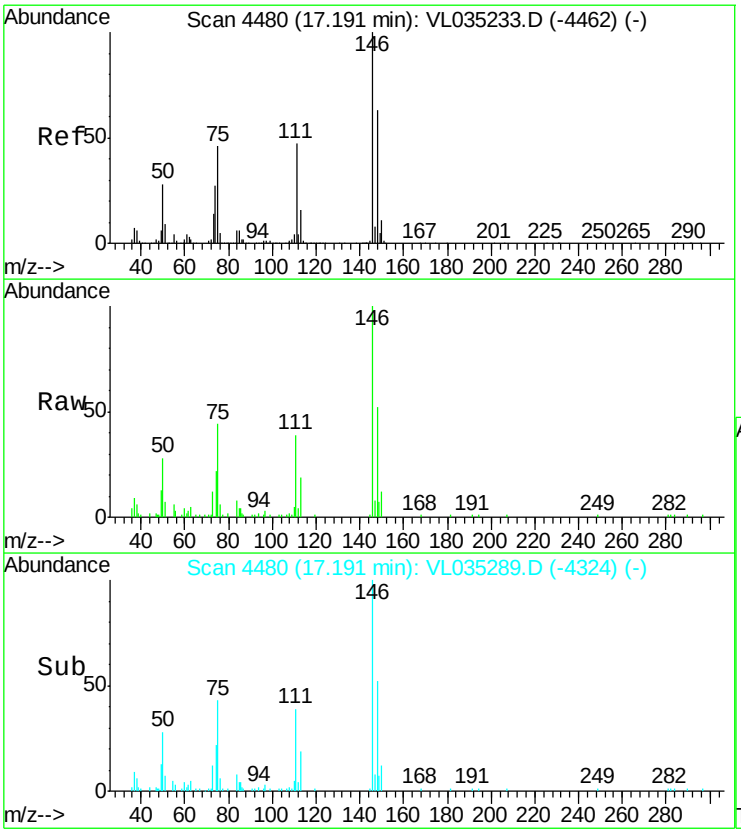
#75
1,3-Dichlorobenzene
Concen: 0.483 ppbv
RT: 17.05 min Scan# 4435
Delta R.T. -0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:146 Resp: 96341

Ion	Ratio	Lower	Upper
146	100		
111	52.8	24.4	73.4
148	67.5	32.1	96.5

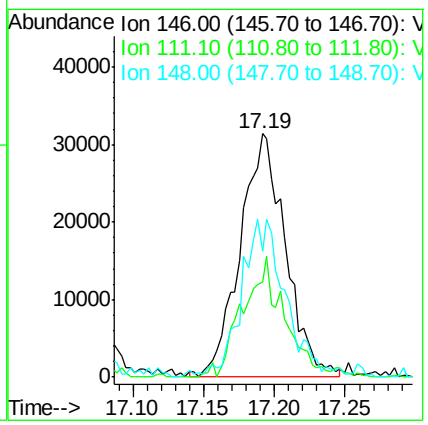


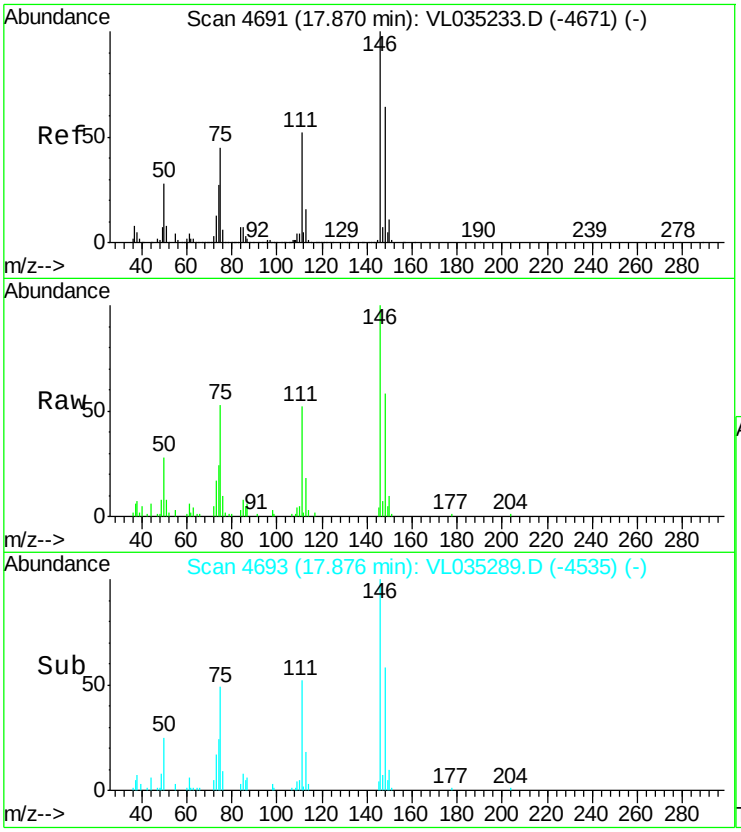


#76
1,4-Dichlorobenzene
Concen: 0.388 ppbv m
RT: 17.19 min Scan# 4480
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:146 Resp: 69939

Ion	Ratio	Lower	Upper
146	100		
111	46.5	23.4	70.2
148	64.2	32.2	96.6



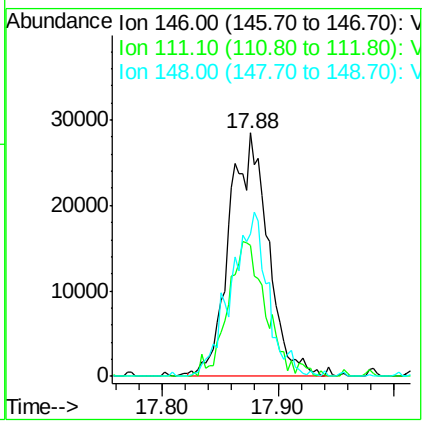


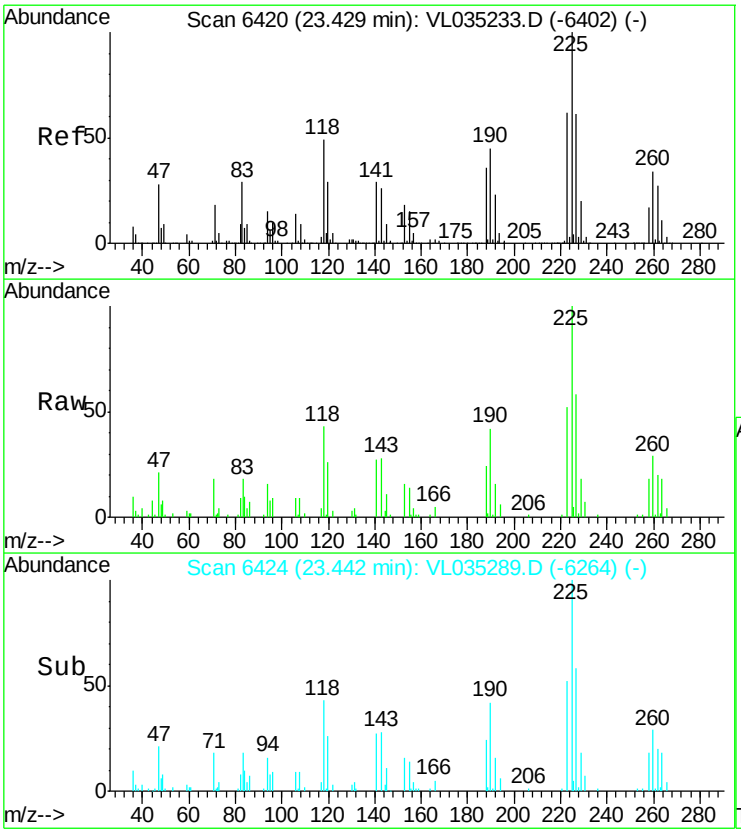
#77
1,2-Dichlorobenzene
Concen: 0.373 ppbv m
RT: 17.88 min Scan# 4693
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:146 Resp: 66733

Ion	Ratio	Lower	Upper
146	100		
111	54.2	24.6	73.8
148	64.4	32.0	96.0

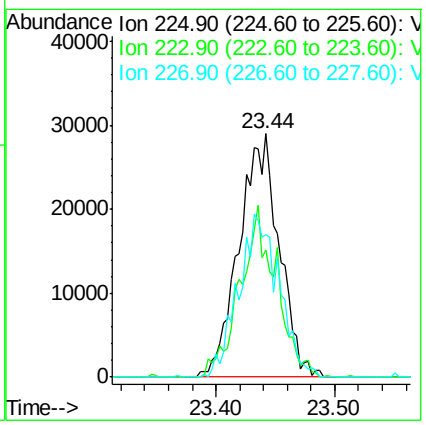


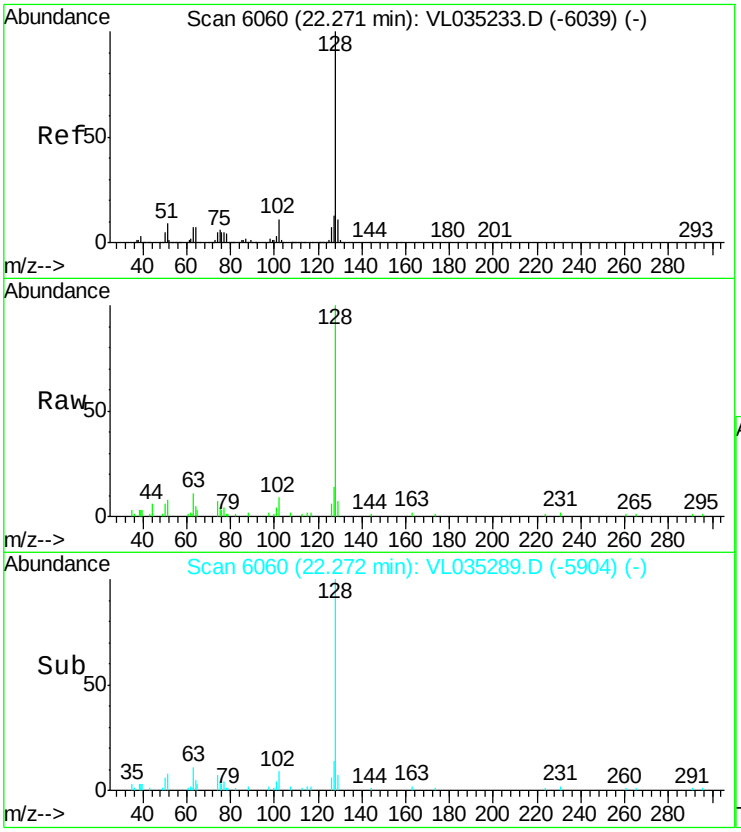


#78
Hexachloro-1,3-Butadiene
Concen: 0.460 ppbv m
RT: 23.44 min Scan# 6424
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:225 Resp: 67353

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	67.5	51.4	77.2



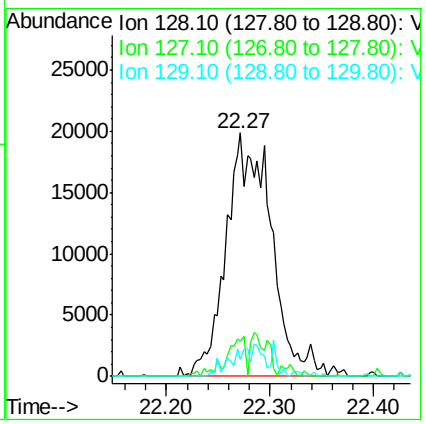


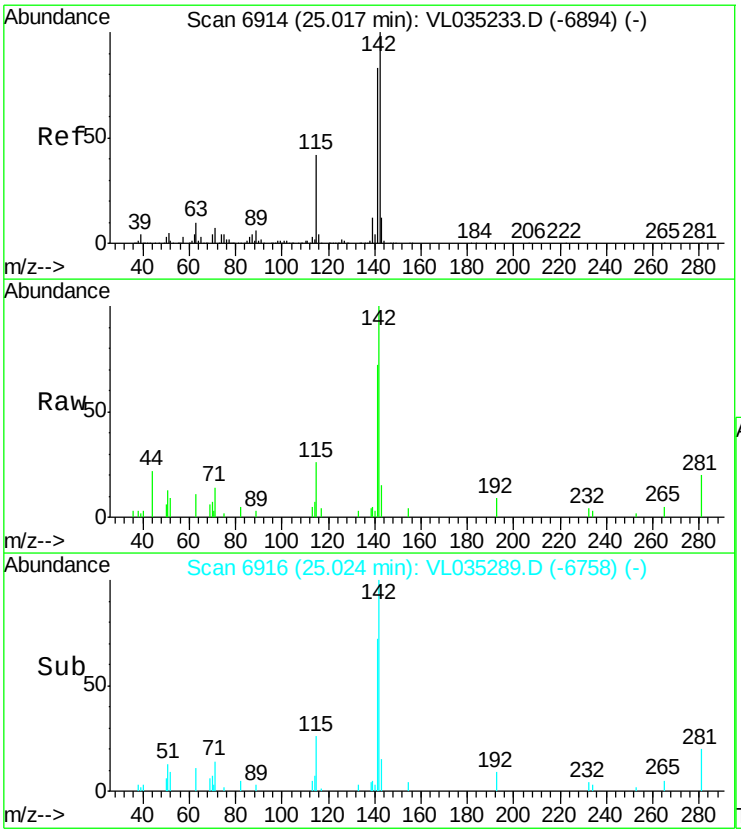
#79
Naphthalene
Concen: 0.245 ppbv m
RT: 22.27 min Scan# 6060
Delta R.T. 0.00 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:128 Resp: 60253

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	6.8	8.5	12.7#

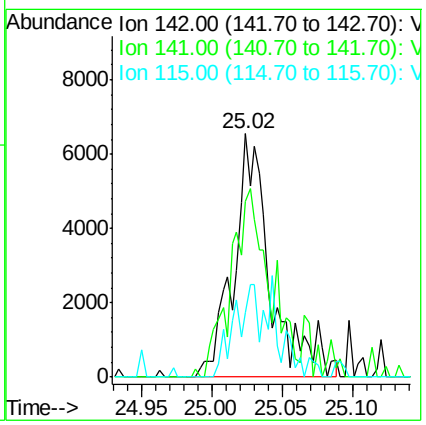


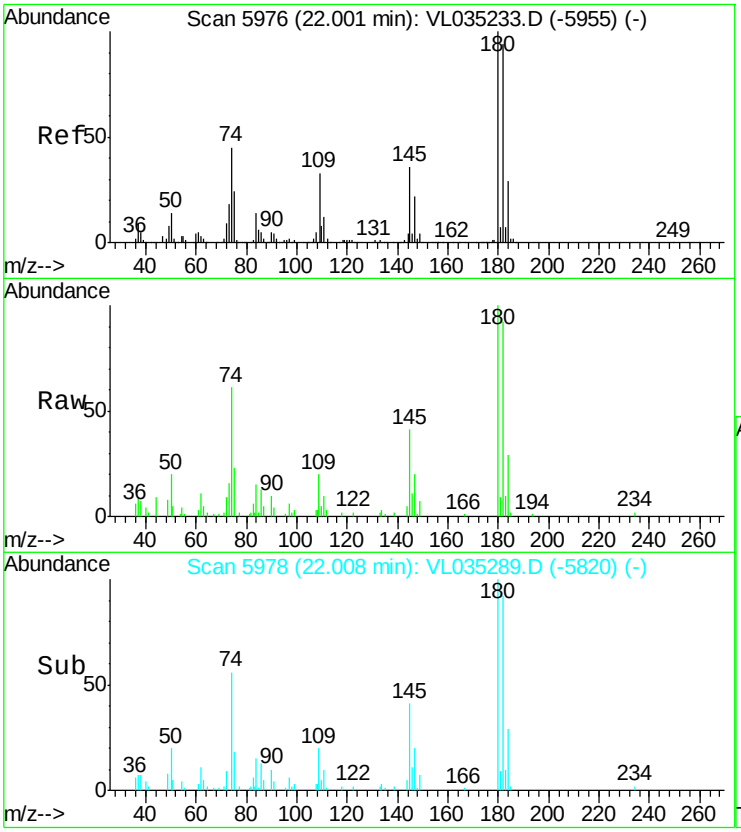


#80
Naphthalene,2-methyl-
Concen: 0.150 ppbv
RT: 25.02 min Scan# 6916
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

Tgt Ion:142 Resp: 11948

Ion	Ratio	Lower	Upper
142	100		
141	91.7	68.6	103.0
115	43.3	34.5	51.7





#81
1,2,4-Trichlorobenzene
Concen: 0.288 ppbv m
RT: 22.01 min Scan# 5978
Delta R.T. 0.01 min
Lab File: VL035289.D
Acq: 30 Jul 2020 21:19

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

Tgt Ion:180 Resp: 43132

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.7	115.1#
184	0.0	24.7	37.1#