Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\

Quantitation Report (Not Reviewed)

Data File : VL034856.D
Acq On : 10 Mar 2020 2:28
Operator : SY/AP
Sample : L1161-14 0.5 LOQ
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 10 09:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	876361	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	1975131	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	1954578	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	1588561	10.42	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	84179	0.701	ppbv		94
3) Chlorodifluoromethane	2.95	51	52176	0.533	ppbv		98
4) Chloromethane	3.10	50	31667	0.572	ppbv		91
5) Vinyl Chloride	3.22	62	27763	0.522	ppbv	#	75
6) Bromomethane	3.44	94	16294	0.526	ppbv		85
7) Chloroethane	3.52	64	8924	0.465	ppbv	#	86
8) Dichlorotetrafluoroethane	3.15	85	70240	0.564	ppbv		97
9) Propene	2.97	41	23611	0.505	ppbv		98
10) Heptane	8.12	43	37821	0.329	ppbv	#	28
11) Trichlorofluoromethane	3.92	101	71866	0.563	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.46	101	50079	0.560	ppbv		96
13) Ethanol	3.57	45	2617	0.184	ppbv	#	1
14) Bromoethene	3.71	108	20030	0.519	ppbv		95
15) Acetone	3.83	43	64081	0.564	ppbv		91
16) 1,3-Butadiene	3.29	39	24047	0.468	ppbv		97
17) tert-Butyl alcohol	4.28	59	66530	0.608	ppbv		96
18) 1,1-Dichloroethene	4.26	96	11347	0.287	ppbv	#	83
19) Isopropyl Alcohol	3.95	45	41727	0.582	ppbv	#	43
20) Methylene Chloride	4.32	84	13864	0.386	ppbv	#	93
21) Allyl Chloride	4.39	41	36645	0.502	ppbv		96
22) trans-1,2-Dichloroethene	4.86	96	21299	0.531	ppbv		95
23) Vinyl Acetate	5.06	43	87383	0.521	ppbv	#	96
24) 1,1-Dichloroethane	4.99	63	61771	0.549	ppbv		98
25) Ethyl Acetate	5.67	43	103483	0.511	ppbv		98
26) Hexane	5.67	57	43877	0.504	ppbv		91
27) Carbon Disulfide	4.53	76	42674	0.432	ppbv	#	73
28) Methyl tert-Butyl Ether	5.02	73	69375	0.479	ppbv		99
29) Chloroform	5.74	83	70008	0.527	ppbv		85
30) Cyclohexane	7.13	84	32321	0.445	ppbv		91
31) cis-1,2-Dichloroethene	5.53	61	44249	0.497	ppbv		95
32) 1,1,1-Trichloroethane	6.50	97	49390	0.381	ppbv	#	68
34) 2-Butanone	5.24	43	66176	0.504	ppbv		99
35) Carbon Tetrachloride	7.01	117	66280	0.540	ppbv		86
36) Benzene	6.89	78	87167	0.495	ppbv		98
37) 1,2-Dichloroethane	6.30	62	54748	0.552	ppbv		100
38) Trichloroethene	7.83	130	18484	0.276	ppbv		94
39) 1,2-Dichloropropane	7.62	63	34489	0.494	ppbv	#	88
40) 1,4-Dioxane	7.86	88	2157	0.082	ppbv	#	1
41) Tetrahydrofuran	6.05	42	8695	0.122	ppbv	#	37
42) Bromodichloromethane	7.79	83	66547	0.492	ppbv	#	91
43) Methyl Methacrylate	8.03	69	36043	0.486	ppbv		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\

Quantitation Report (Not Reviewed)

Data File : VL034856.D
Acq On : 10 Mar 2020 2:28
Operator : SY/AP
Sample : L1161-14 0.5 LOQ
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 10 09:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	97494	0.328	ppbv	#	67
45) t-1,3-Dichloropropene	9.28	75	15262	0.175	ppbv	#	87
46) cis-1,3-Dichloropropene	8.71	75	23976	0.232	ppbv		92
47) 1,1,2-Trichloroethane	9.48	97	18551	0.259	ppbv	#	86
48) Dibromochloromethane	10.32	129	37081	0.320	ppbv		73
49) Bromoform	13.07	173	41304	0.400	ppbv		96
50) 4-Methyl-2-Pentanone	8.76	43	92852	0.491	ppbv		100
51) 2-Hexanone	10.13	43	1780	0.012	ppbv	#	29
52) Tetrachloroethene	11.24	164	30603	0.439	ppbv		92
53) Toluene	9.82	91	88011	0.433	ppbv		98
54) 1,2-Dibromoethane	10.63	107	53539	0.497	ppbv		94
56) 1,1,1,2-Tetrachloroethane	12.16	131	14500	0.165	ppbv	#	9
57) Chlorobenzene	12.17	112	48641	0.318	ppbv	#	87
58) Ethyl Benzene	12.73	91	77116	0.291	ppbv		92
59) m/p-Xylene	13.02	91	77395	0.349	ppbv	#	1
60) o-Xylene	13.72	91	118319	0.546	ppbv		96
61) Styrene	13.56	104	24091	0.159	ppbv	#	1
62) Isopropylbenzene	14.69	105	88973	0.272	ppbv	#	61
63) 1,1,2,2-Tetrachloroethane	13.70	83	80907	0.550	ppbv		97
64) n-propylbenzene	15.59	120	14805	0.174	ppbv	#	1
65) tert-Butylbenzene	16.78	119	114439	0.400	ppbv	#	79
66) Benzyl Chloride	17.03	91	27818	0.233	ppbv	#	84
67) sec-Butylbenzene	17.33	105	193437	0.487	ppbv		94
69) p-Isopropyltoluene	17.69	119	78499	0.236	ppbv	#	43
70) n-Butylbenzene	18.59	91	159966	0.471	ppbv		98
71) 2-Chlorotoluene	15.48	91	124168	0.501	ppbv		100
72) 4-Ethyltoluene	15.86	105	122487	0.479	ppbv		97
73) 1,3,5-Trimethylbenzene	16.02	105	112780	0.471	ppbv		88
74) 1,2,4-Trimethylbenzene	16.79	105	125729	0.510	ppbv	#	91
75) 1,3-Dichlorobenzene	17.03	146	81669	0.549	ppbv		99
76) 1,4-Dichlorobenzene	17.17	146	39600	0.267	ppbv	#	23
77) 1,2-Dichlorobenzene	17.86	146	72069	0.500	ppbv		96
78) Hexachloro-1,3-Butadiene	23.42	225	36291	0.301	ppbv	#	63
79) Naphthalene	22.24	128	14430	0.075	ppbv	#	91
80) Naphthalene,2-methyl-	25.03	142	1420	0.028	ppbv		98
81) 1,2,4-Trichlorobenzene	21.98	180	10137	0.083	ppbv	#	1

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

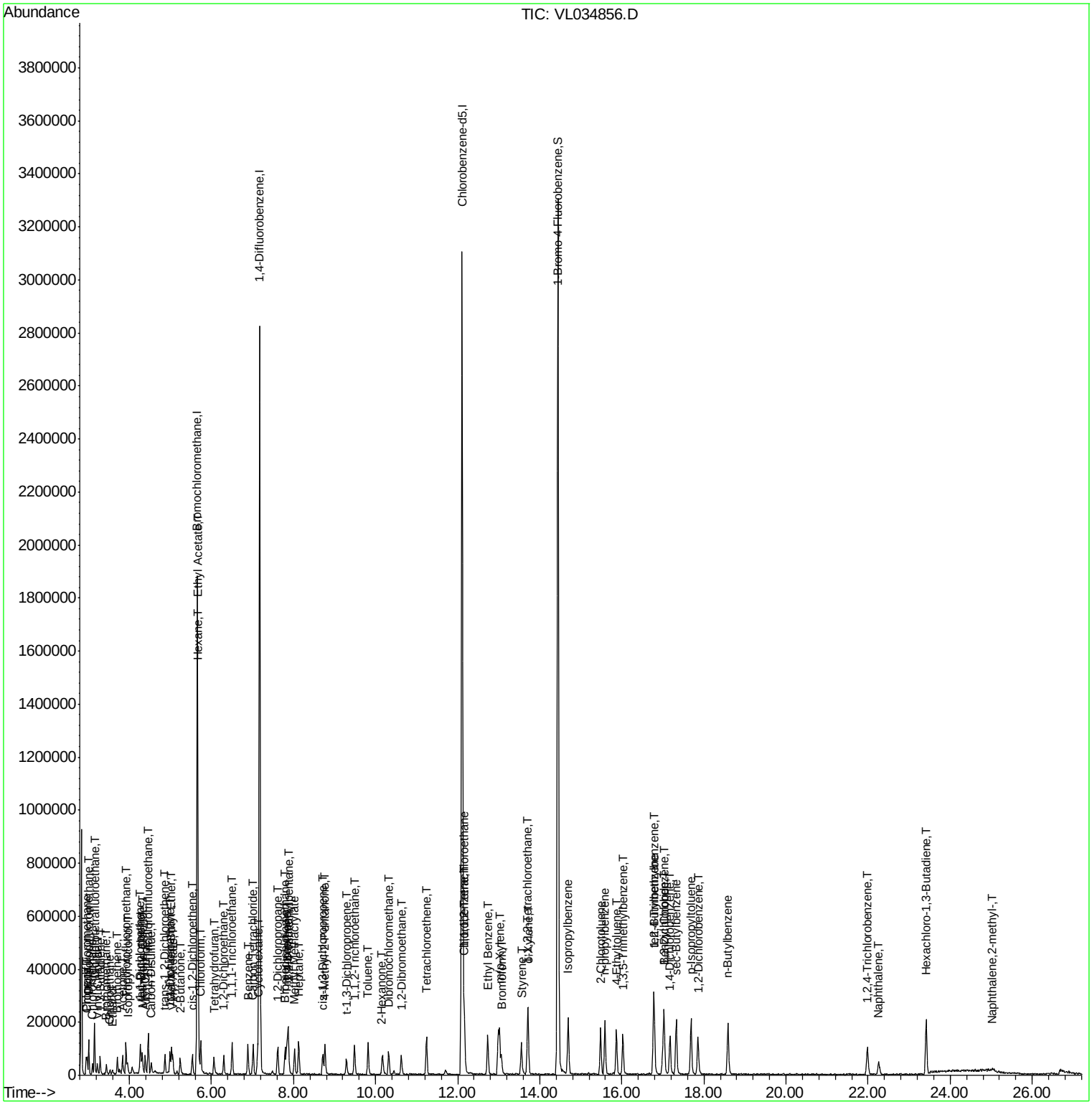
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\

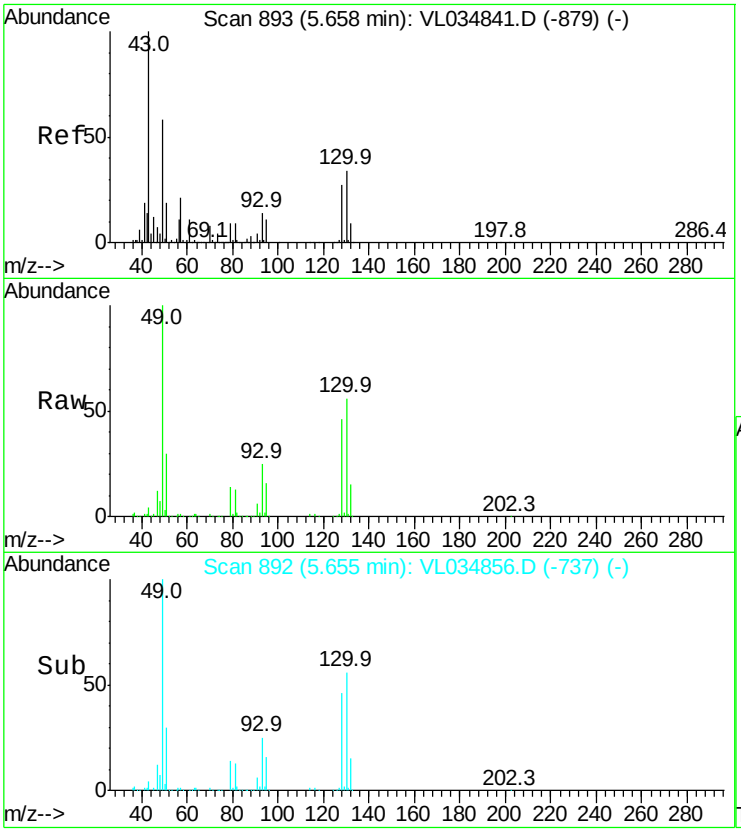
Quantitation Report (Not Reviewed)

Data File : VL034856.D
Acq On : 10 Mar 2020 2:28
Operator : SY/AP
Sample : L1161-14 0.5 LOQ
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 10 09:39:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



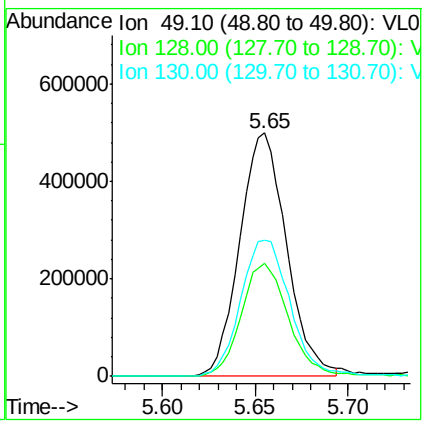


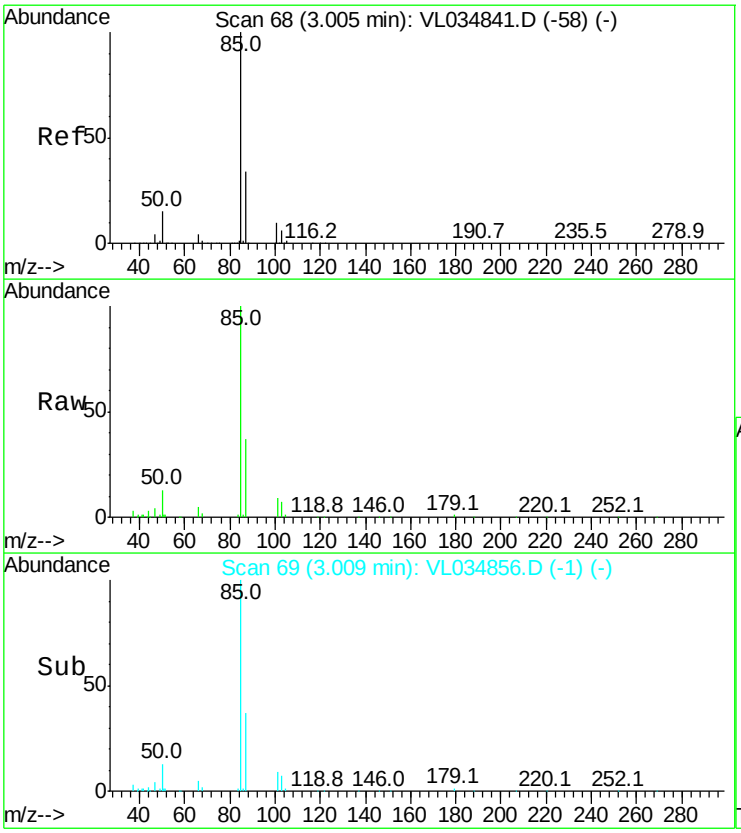
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 49 Resp: 876361

Ion	Ratio	Lower	Upper
49	100		
128	47.7	23.4	70.3
130	59.9	30.0	90.0

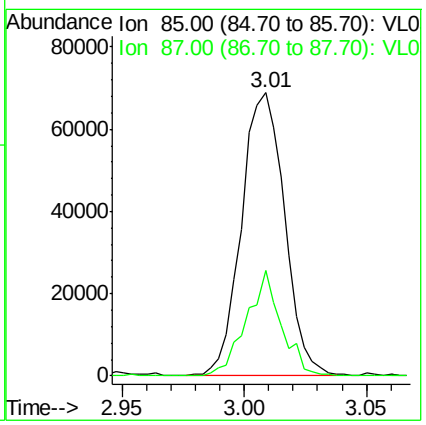


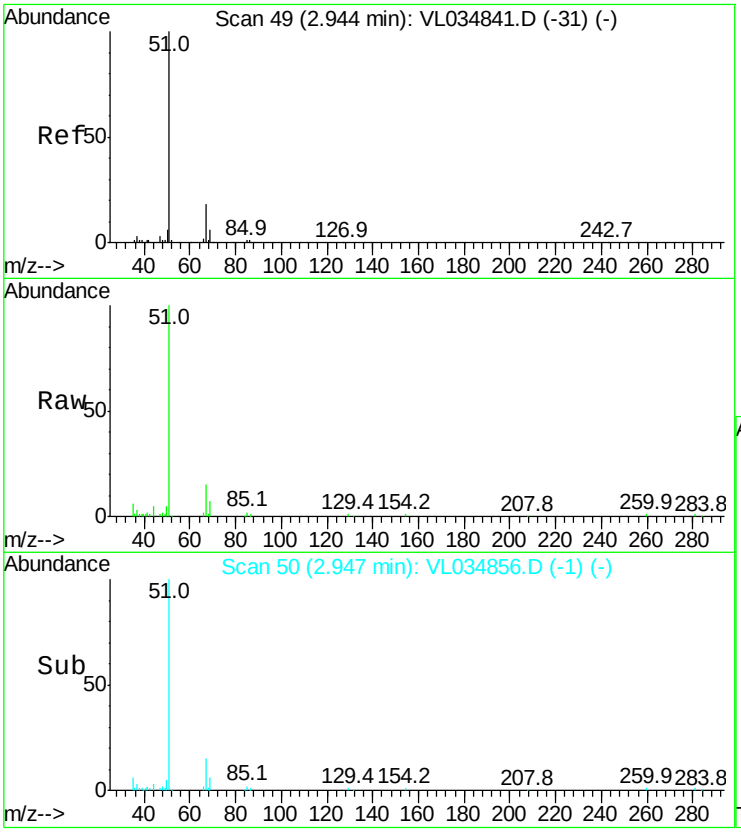


#2
Dichlorodifluoromethane
Concen: 0.701 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 85 Resp: 84179

Ion	Ratio	Lower	Upper
85	100		
87	37.1	26.9	40.3



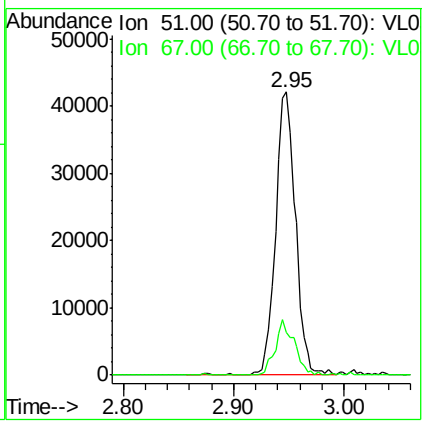


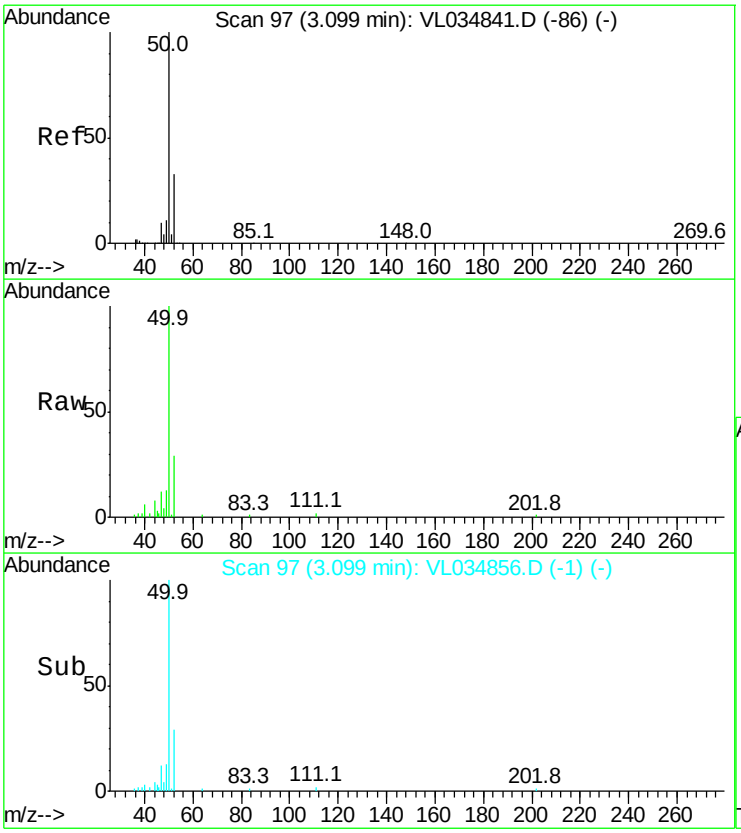
#3
Chlorodifluoromethane
Concen: 0.533 ppbv
RT: 2.95 min Scan# 50
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 51 Resp: 52176

Ion	Ratio	Lower	Upper
51	100		
67	18.6	14.3	21.5

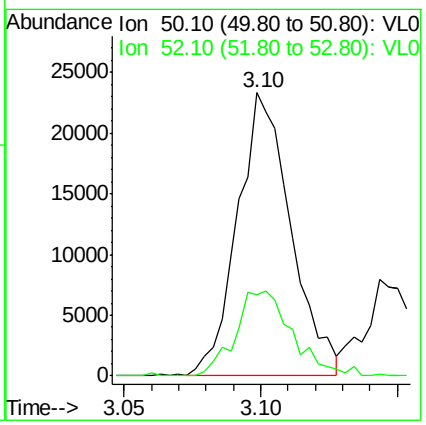


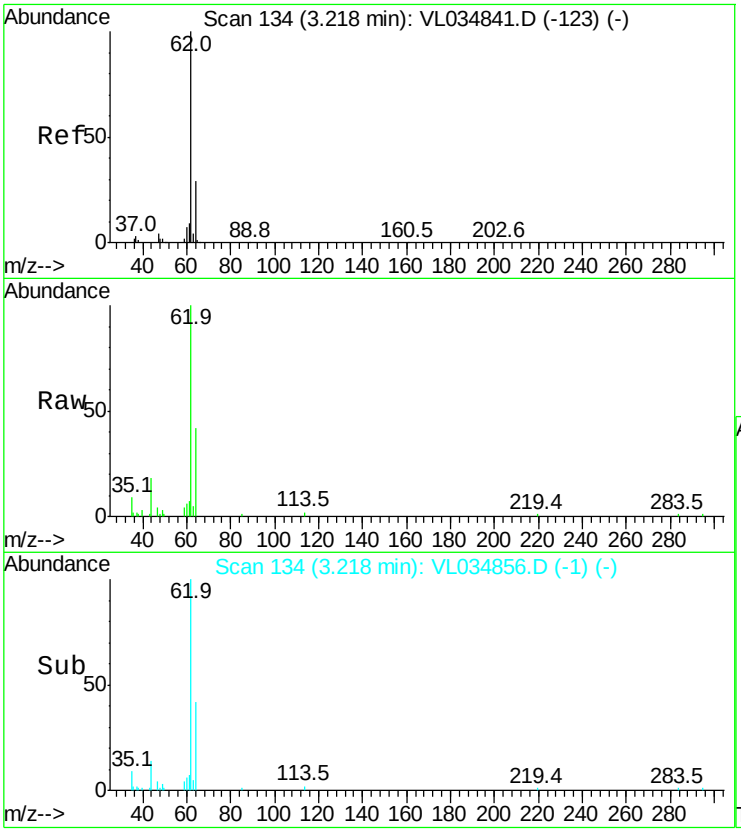


#4
Chloromethane
Concen: 0.572 ppbv
RT: 3.10 min Scan# 97
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 50 Resp: 31667

Ion	Ratio	Lower	Upper
50	100		
52	28.5	26.8	40.2



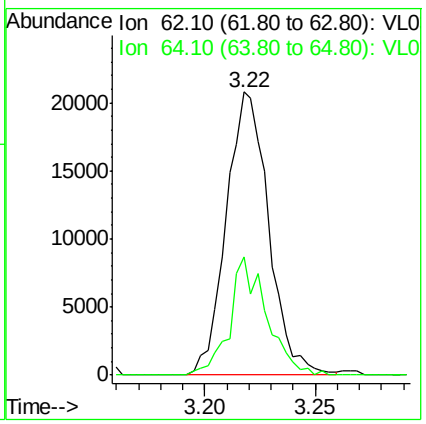


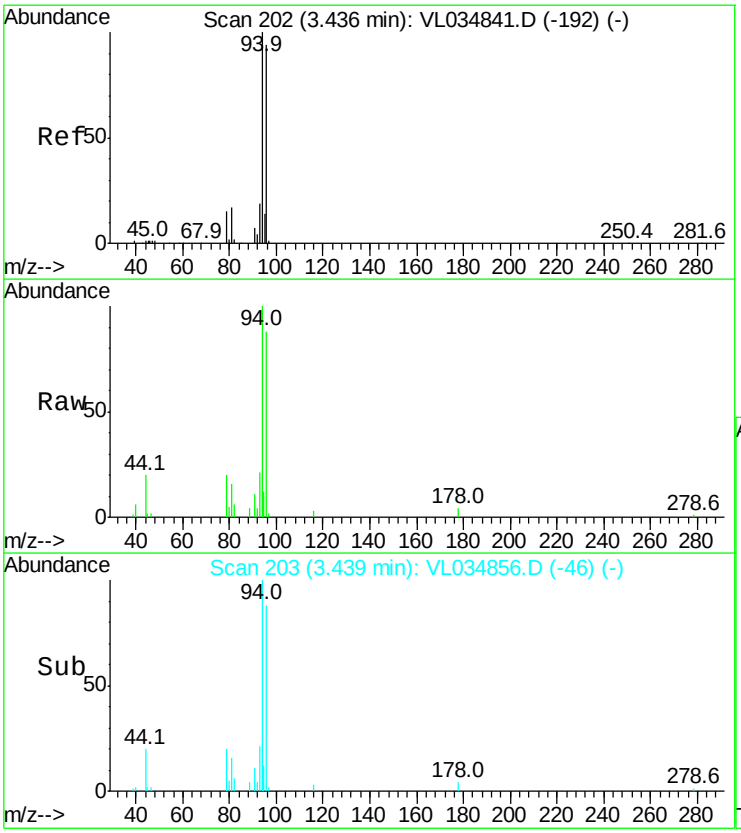
#5
Vinyl Chloride
Concen: 0.522 ppbv
RT: 3.22 min Scan# 134
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 62 Resp: 27763

Ion	Ratio	Lower	Upper
62	100		
64	41.7	23.0	34.4#

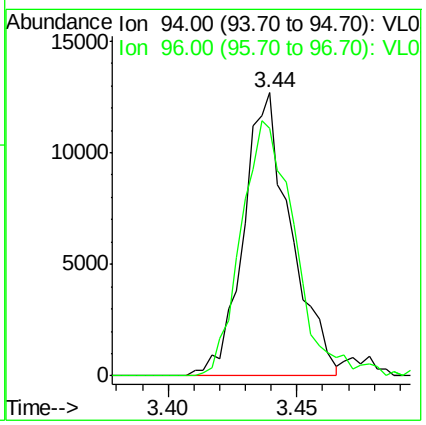


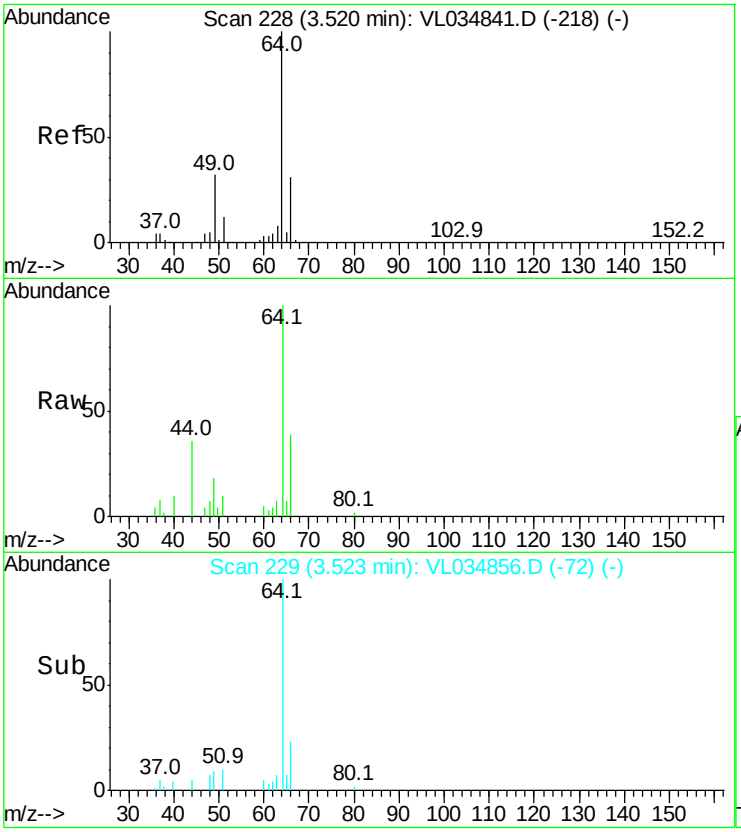


#6
Bromomethane
Concen: 0.526 ppbv
RT: 3.44 min Scan# 203
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 94 Resp: 16294

Ion	Ratio	Lower	Upper
94	100		
96	79.7	75.5	113.3



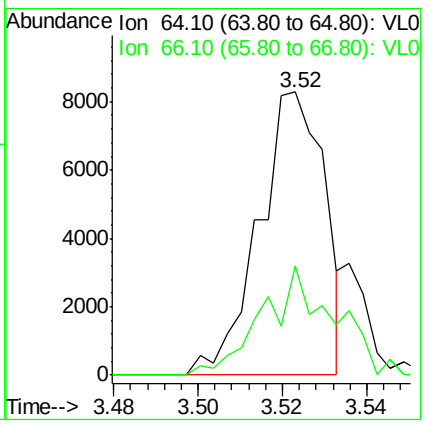


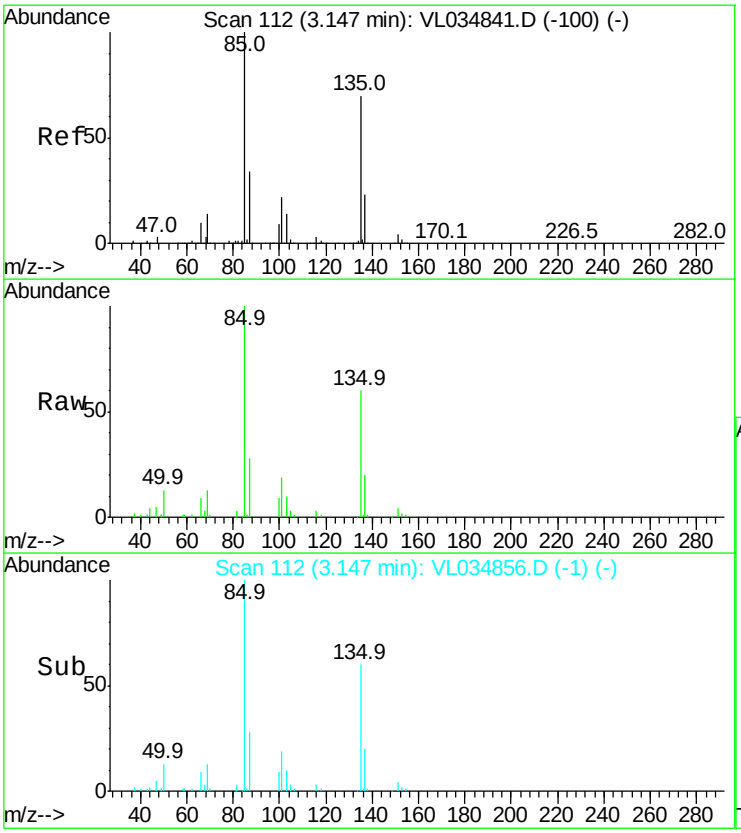
#7
Chloroethane
Concen: 0.465 ppbv
RT: 3.52 min Scan# 229
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 64 Resp: 8924

Ion	Ratio	Lower	Upper
64	100		
66	38.7	24.8	37.2#

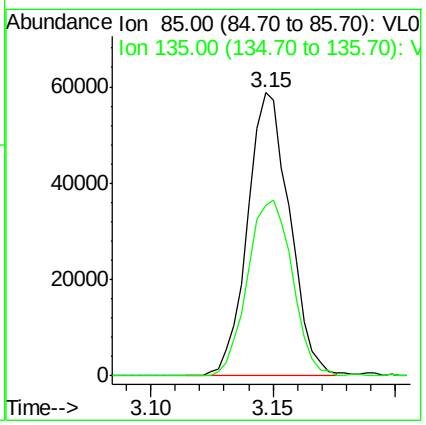


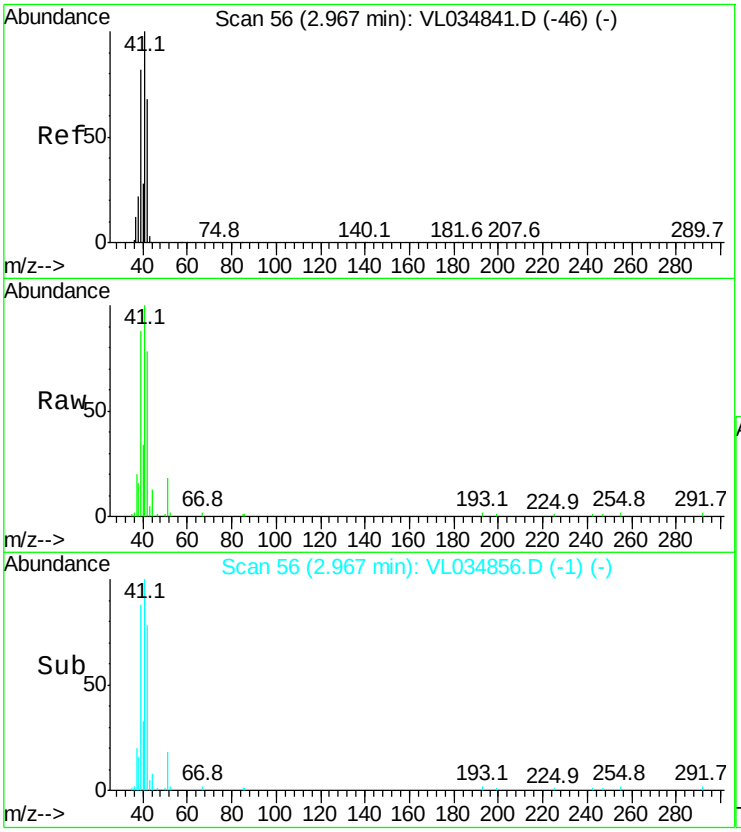


#8
Dichlorotetrafluoroethane
Concen: 0.564 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 85 Resp: 70240

Ion	Ratio	Lower	Upper
85	100		
135	65.8	54.3	81.5



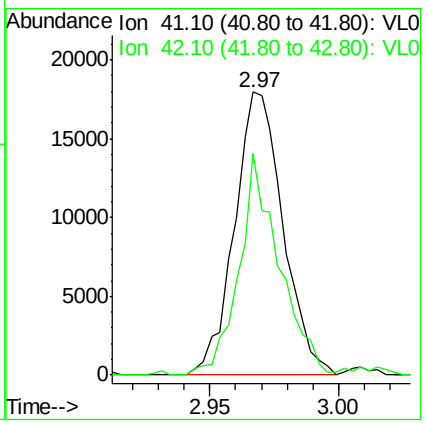


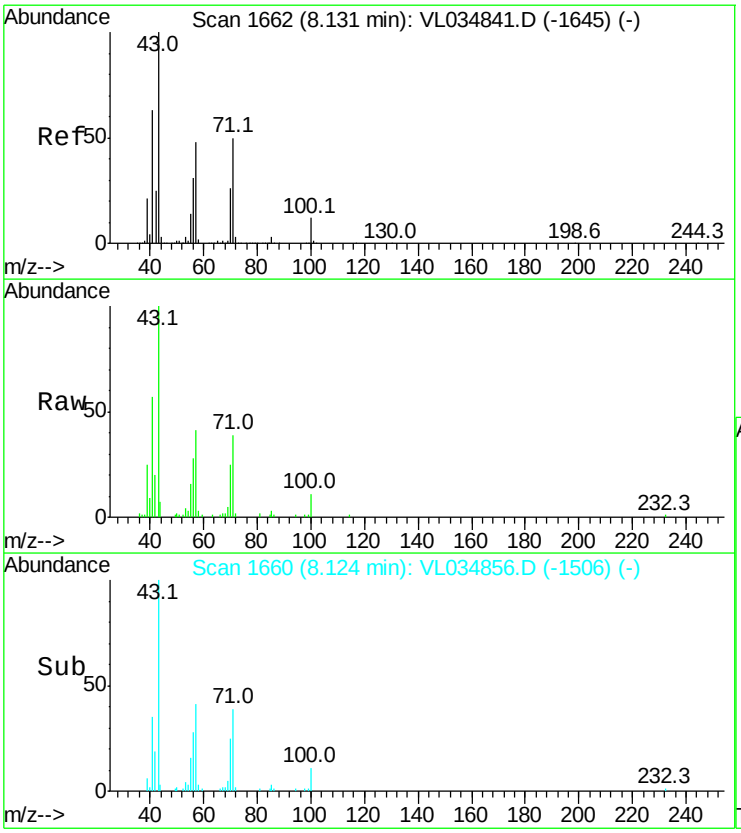
#9
Propene
Concen: 0.505 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 41 Resp: 23611

Ion	Ratio	Lower	Upper
41	100		
42	67.5	55.2	82.8

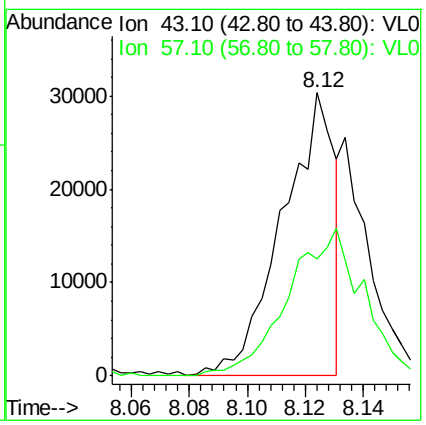


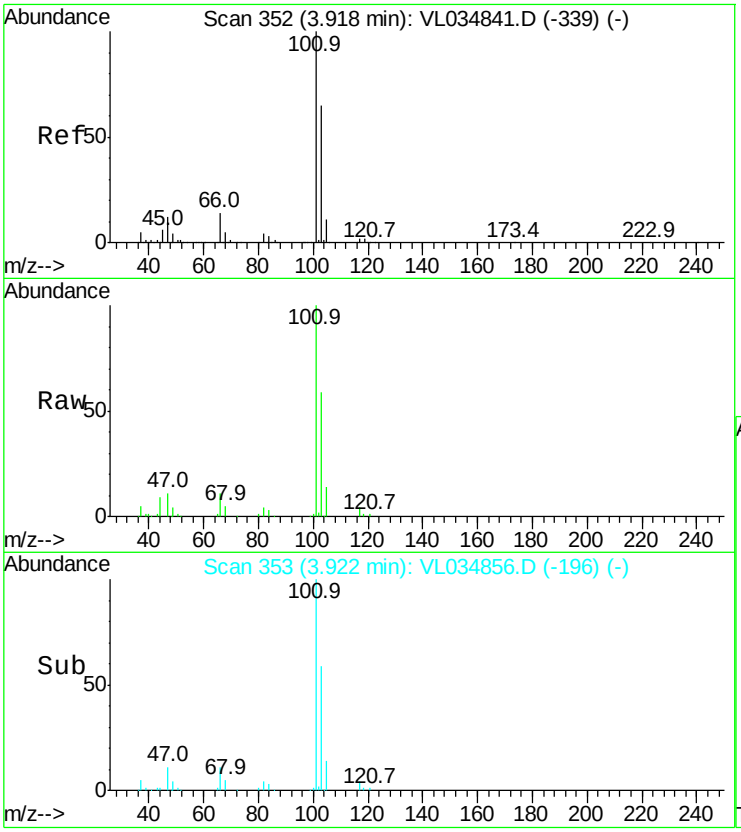


#10
Heptane
Concen: 0.329 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 43 Resp: 37821

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.7	59.5#



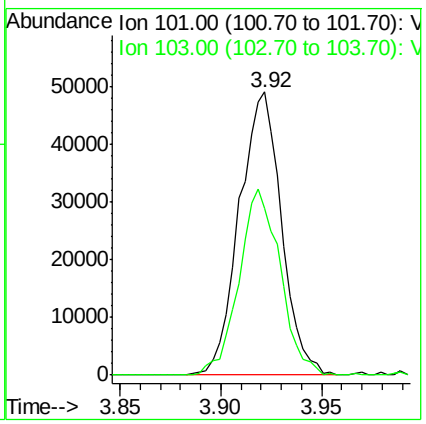


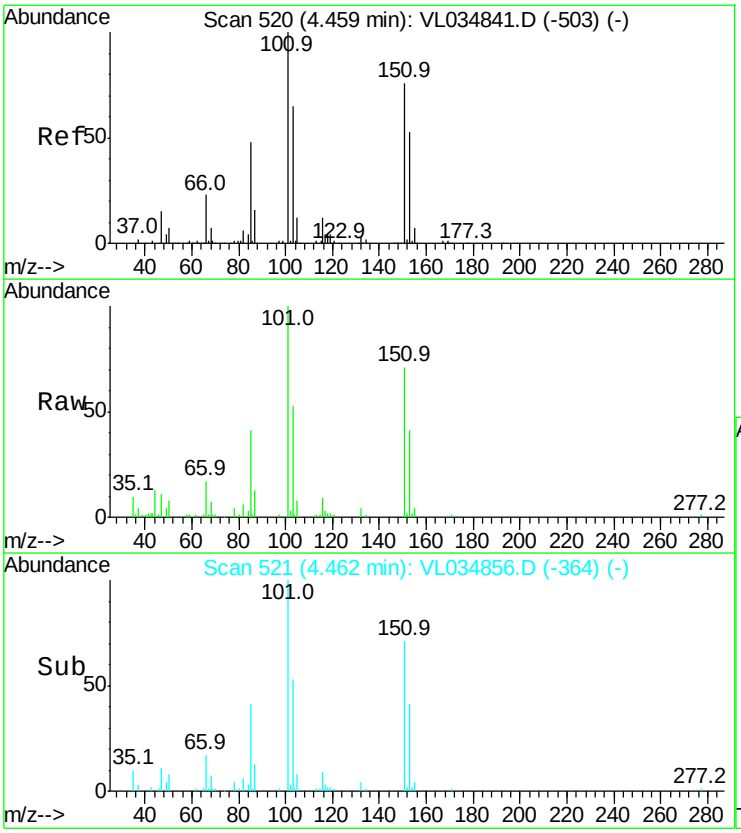
#11
Trichlorofluoromethane
Concen: 0.563 ppbv
RT: 3.92 min Scan# 353
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:101 Resp: 71866

Ion	Ratio	Lower	Upper
101	100		
103	59.0	51.8	77.8

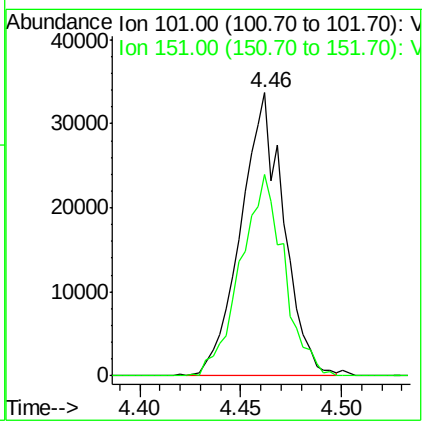


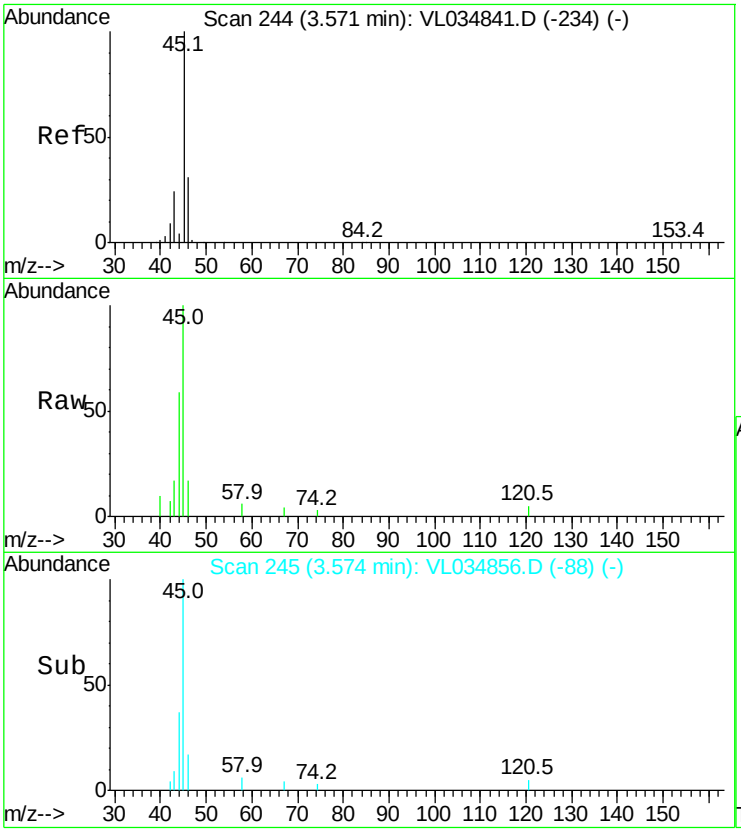


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.560 ppbv
RT: 4.46 min Scan# 521
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:101 Resp: 50079

Ion	Ratio	Lower	Upper
101	100		
151	72.3	60.8	91.2



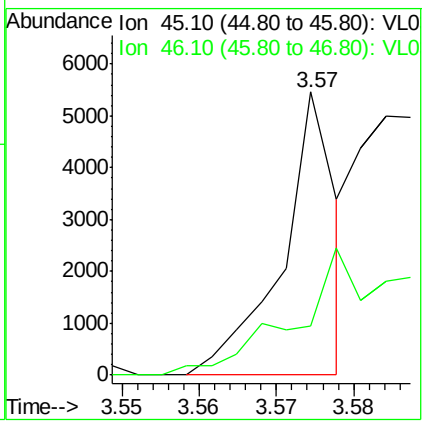


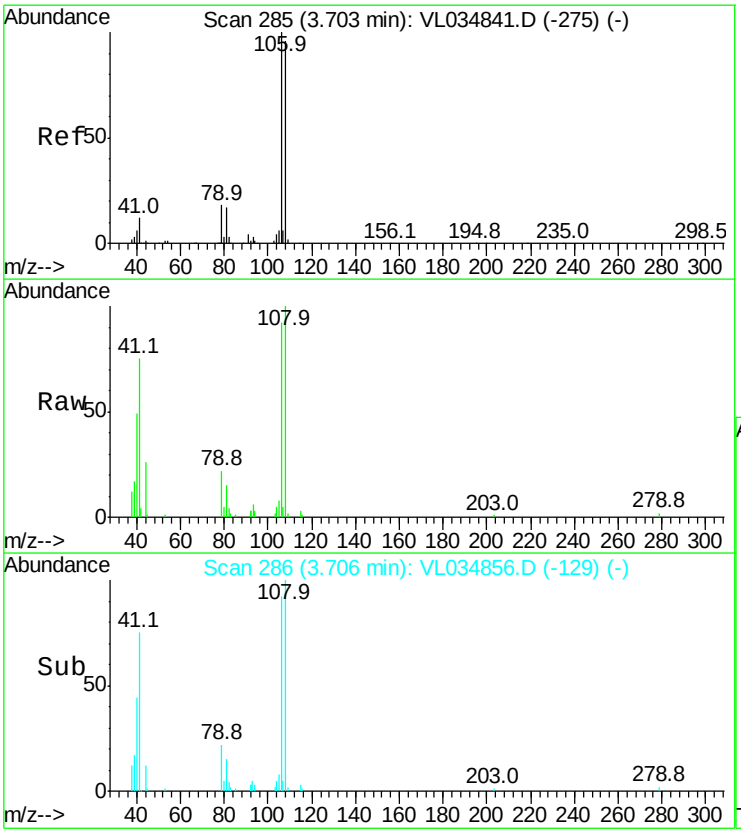
#13
Ethanol
Concen: 0.184 ppbv
RT: 3.57 min Scan# 245
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 45 Resp: 2617

Ion	Ratio	Lower	Upper
45	100		
46	174.1	16.0	64.0#

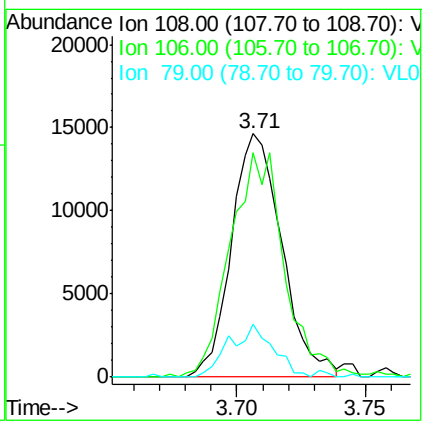


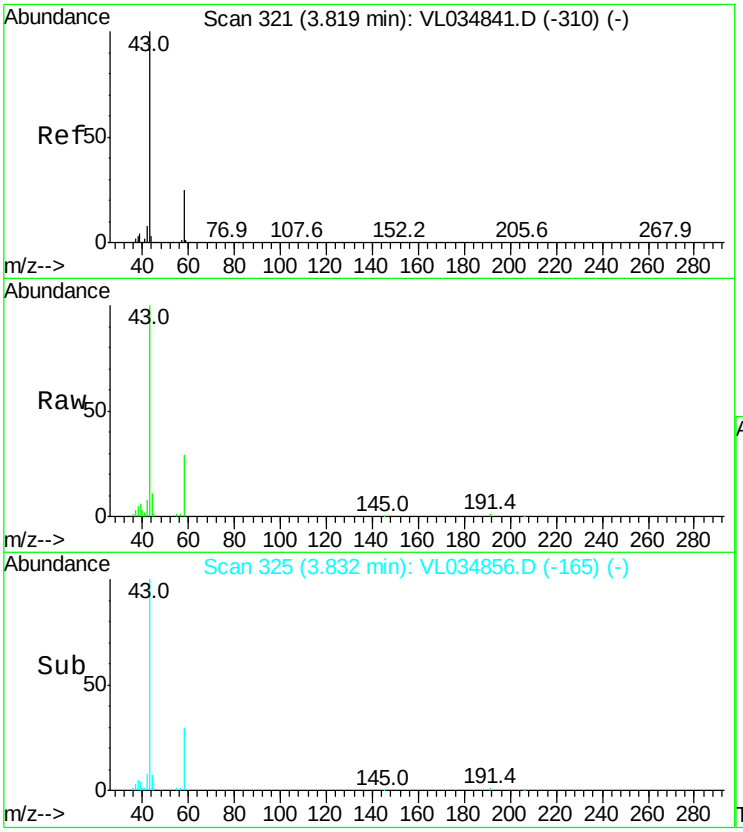


#14
Bromoethene
Concen: 0.519 ppbv
RT: 3.71 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:108 Resp: 20030

Ion	Ratio	Lower	Upper
108	100		
106	100.9	85.1	127.7
79	19.6	14.7	22.1



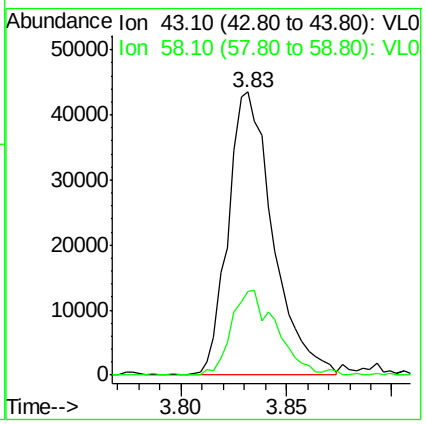


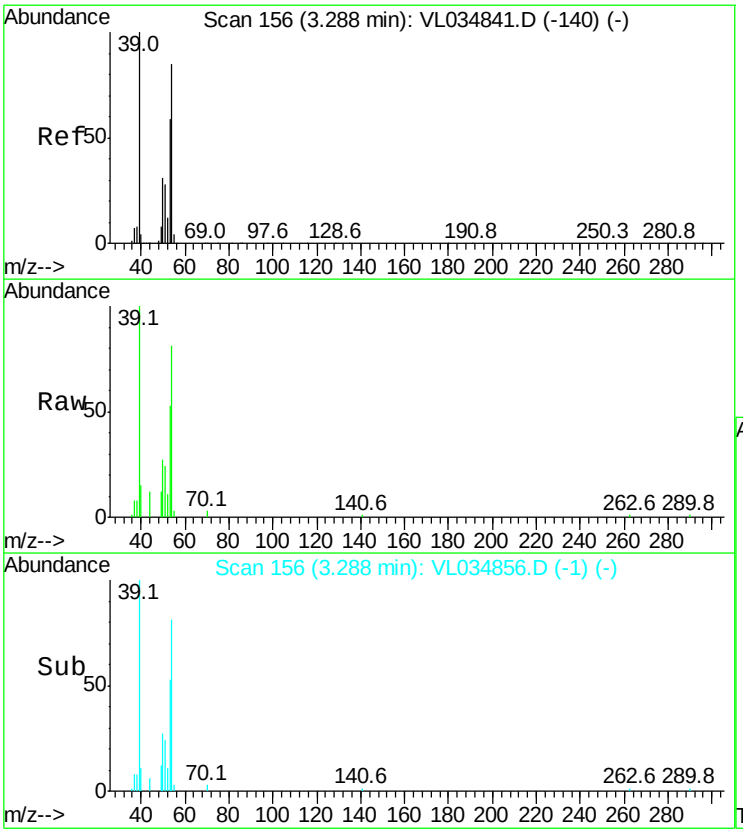
#15
Acetone
Concen: 0.564 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 43 Resp: 64081

Ion	Ratio	Lower	Upper
43	100		
58	30.9	21.0	31.6

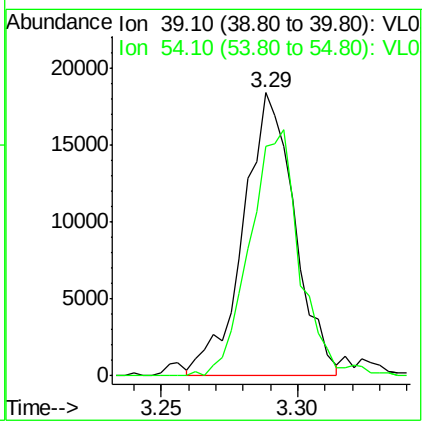


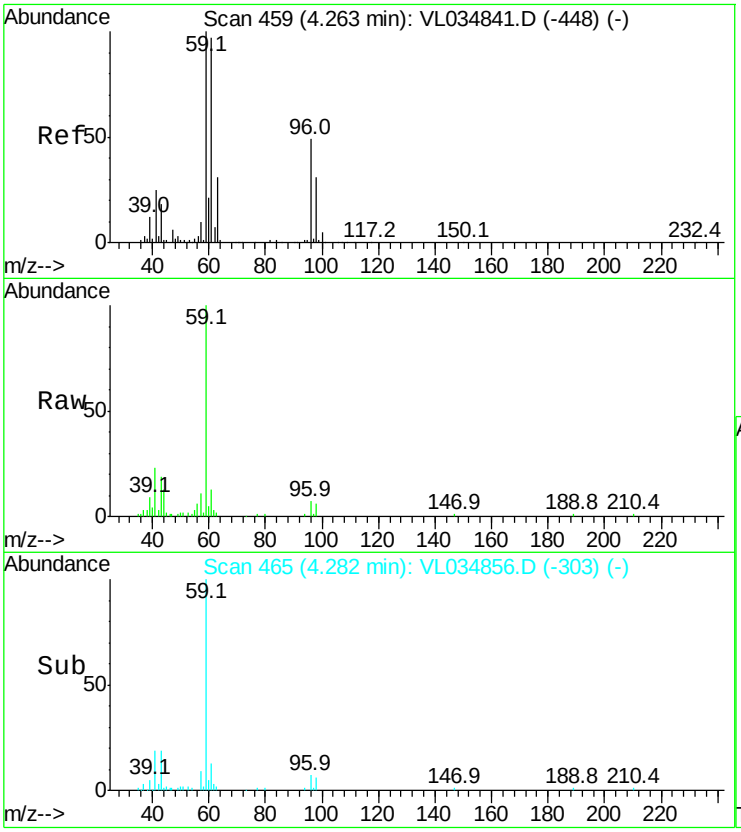


#16
1,3-Butadiene
Concen: 0.468 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 39 Resp: 24047

Ion	Ratio	Lower	Upper
39	100		
54	84.4	65.0	97.6



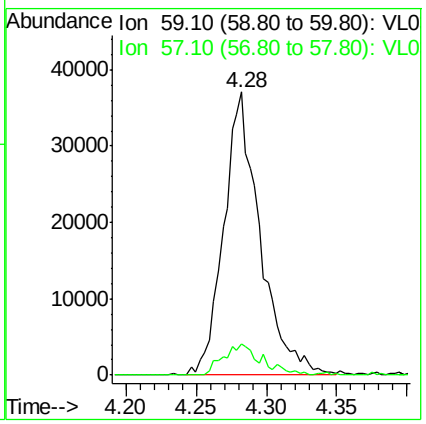


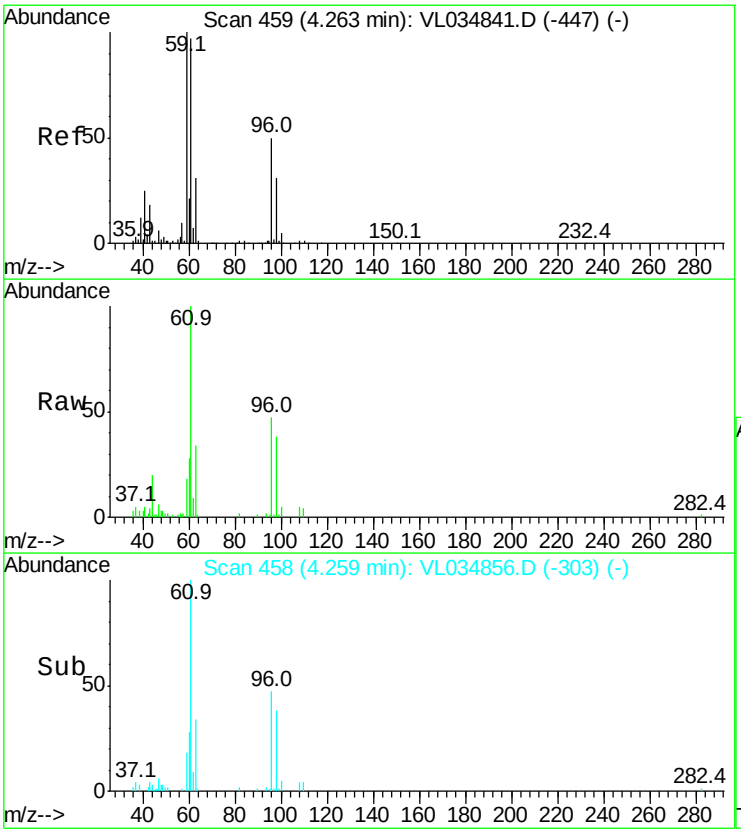
#17
tert-Butyl alcohol
Concen: 0.608 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.02 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 59 Resp: 66530

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.3	12.5

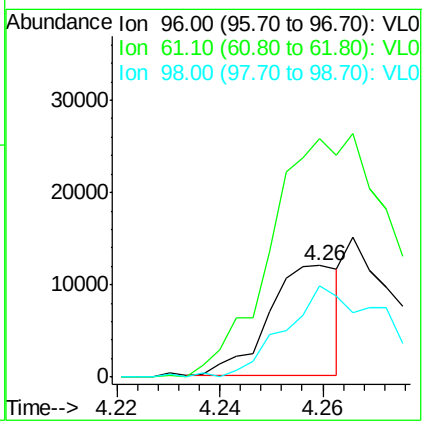


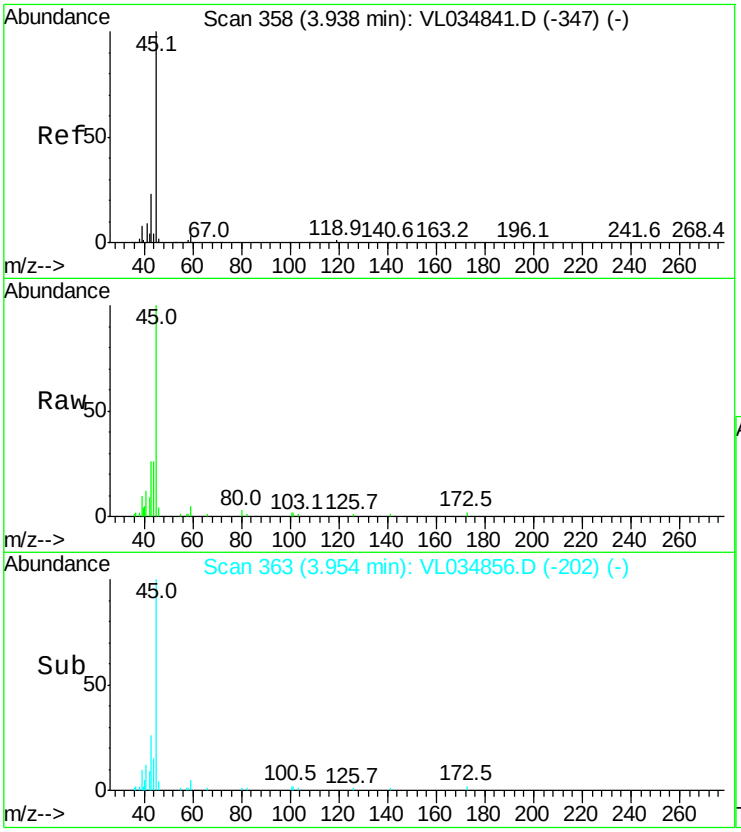


#18
1,1-Dichloroethene
Concen: 0.287 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 96 Resp: 11347

Ion	Ratio	Lower	Upper
96	100		
61	218.2	157.3	235.9
98	83.5	50.2	75.4#



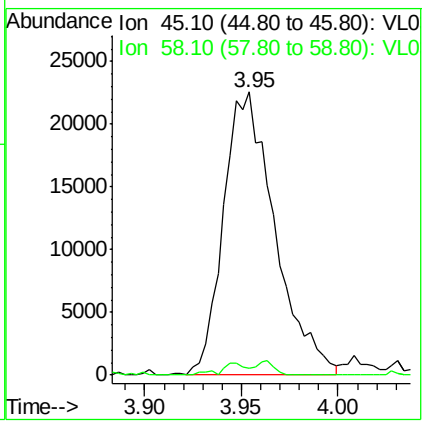


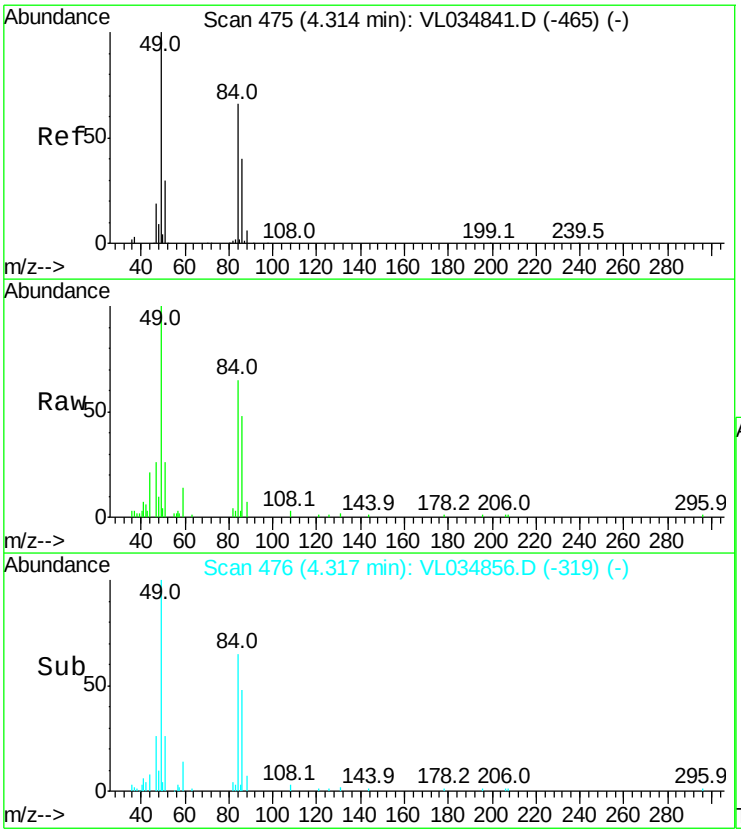
#19
Isopropyl Alcohol
Concen: 0.582 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.02 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 45 Resp: 41727

Ion	Ratio	Lower	Upper
45	100		
58	3.8	30.5	45.7#

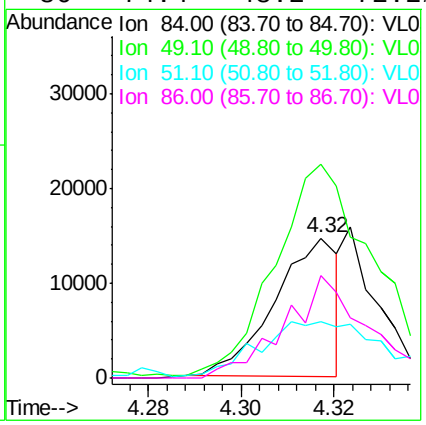


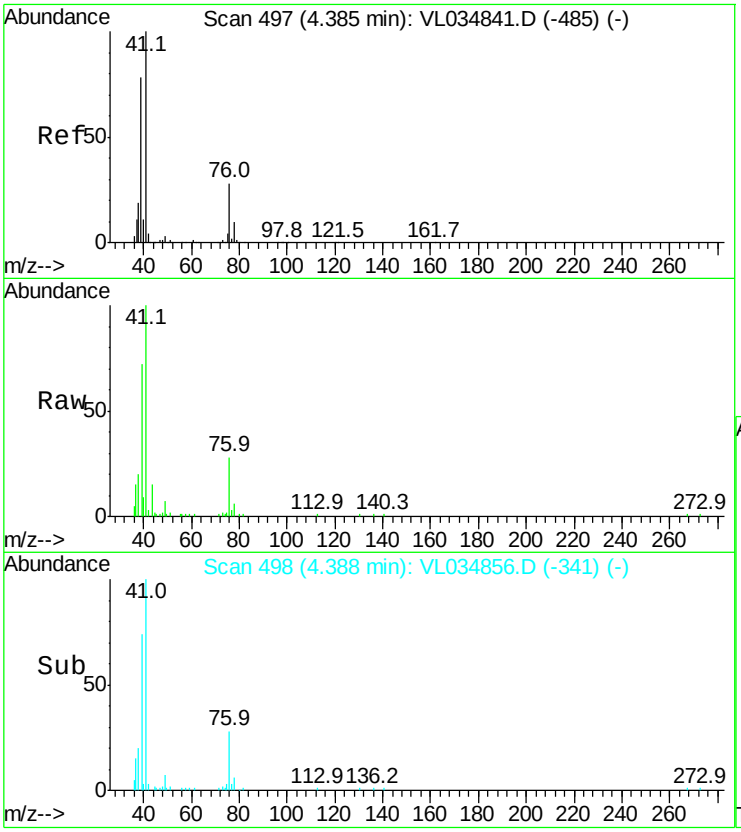


#20
Methylene Chloride
Concen: 0.386 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 84 Resp: 13864

Ion	Ratio	Lower	Upper
84	100		
49	151.1	121.5	182.3
51	39.0	36.6	55.0
86	74.4	48.2	72.2#



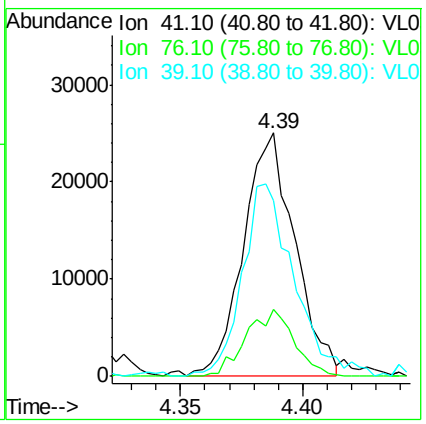


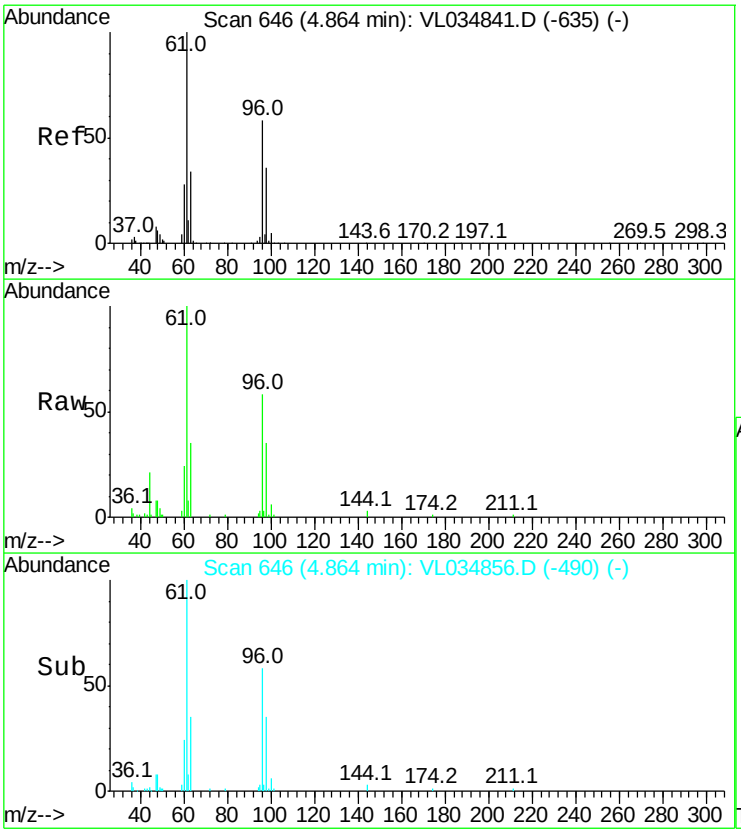
#21
Allyl Chloride
Concen: 0.502 ppbv
RT: 4.39 min Scan# 498
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 41 Resp: 36645

Ion	Ratio	Lower	Upper
41	100		
76	25.8	22.2	33.2
39	82.0	62.6	93.8

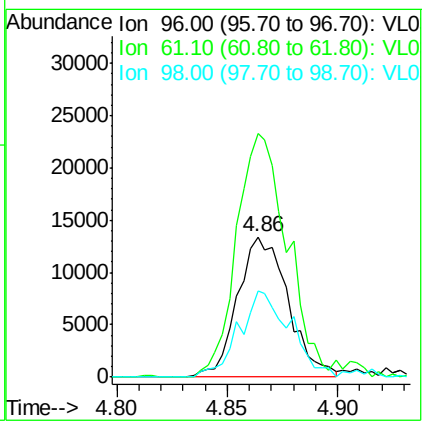


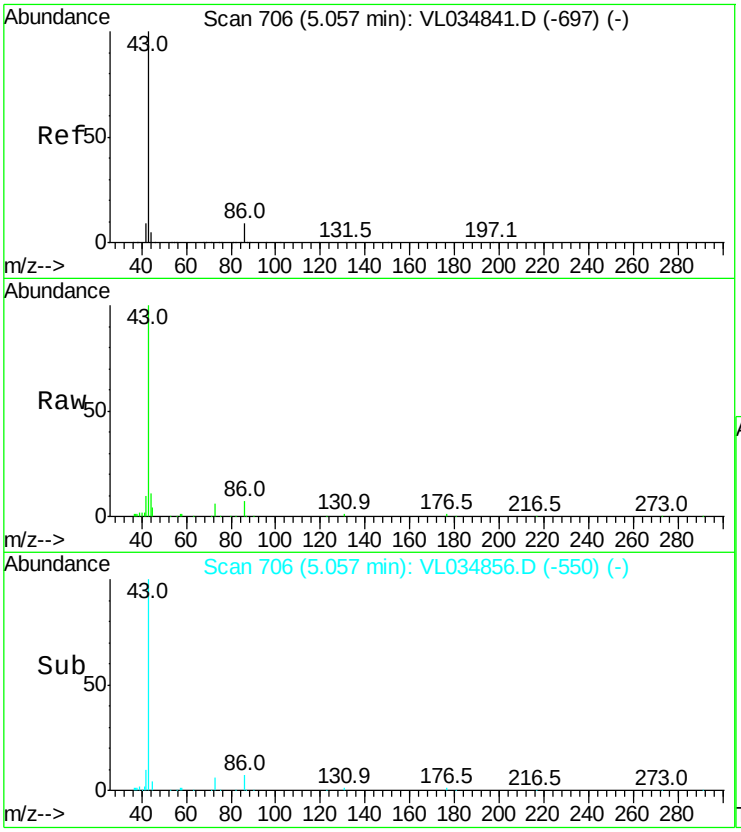


#22
trans-1,2-Dichloroethene
Concen: 0.531 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 96 Resp: 21299

Ion	Ratio	Lower	Upper
96	100		
61	166.0	139.0	208.6
98	59.8	50.3	75.5



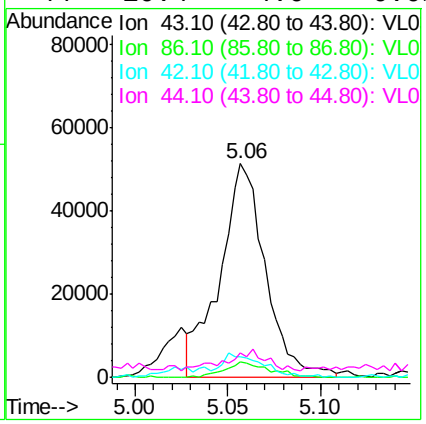


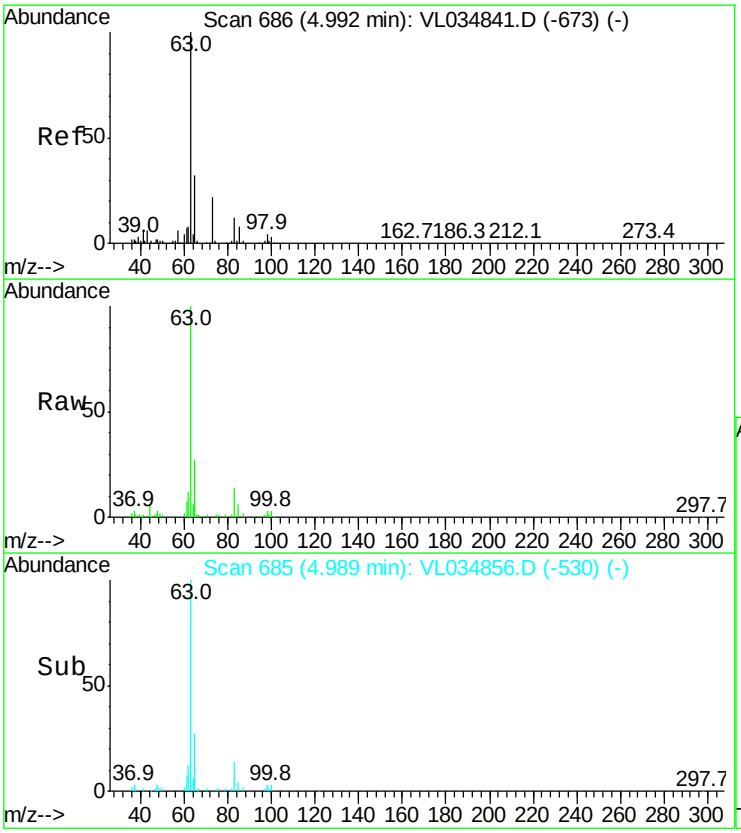
#23
Vinyl Acetate
Concen: 0.521 ppbv
RT: 5.06 min Scan# 706
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 43 Resp: 87383

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.3	9.5
42	9.7	7.8	11.8
44	10.4	4.0	6.0#

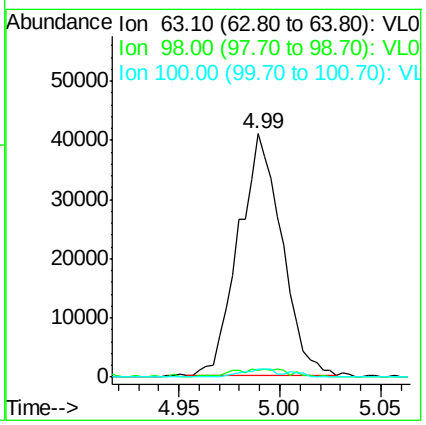


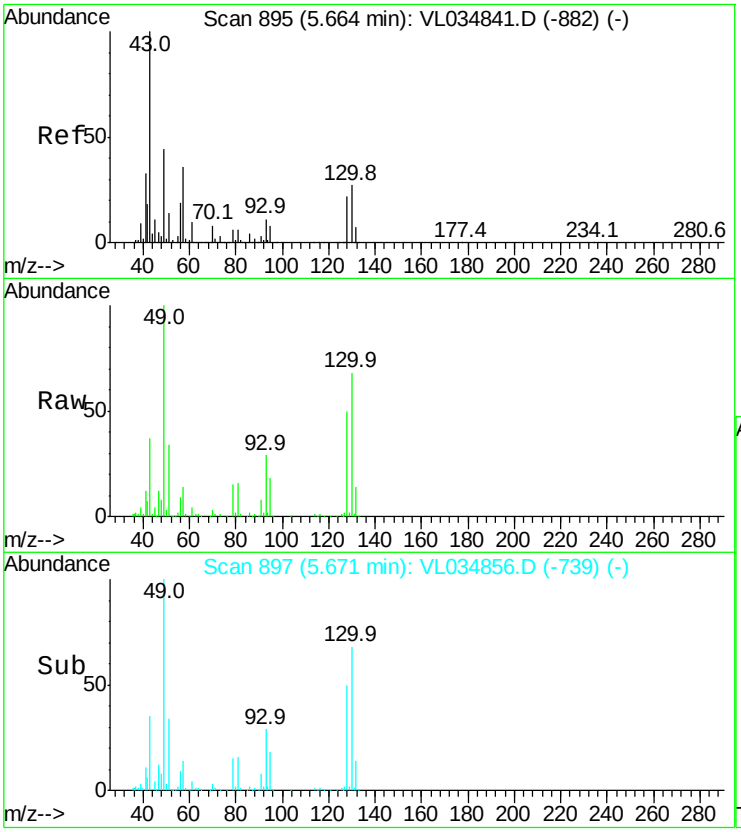


#24
1,1-Dichloroethane
Concen: 0.549 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 63 Resp: 61771

Ion	Ratio	Lower	Upper
63	100		
98	3.1	2.0	5.8
100	3.5	1.4	4.0



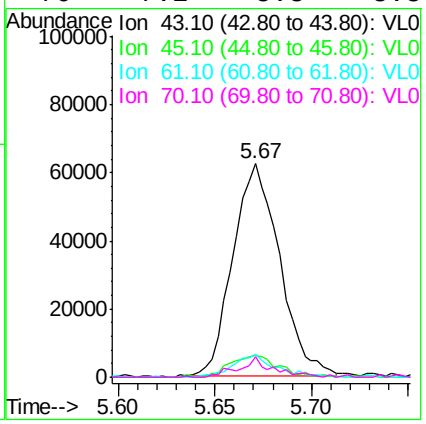


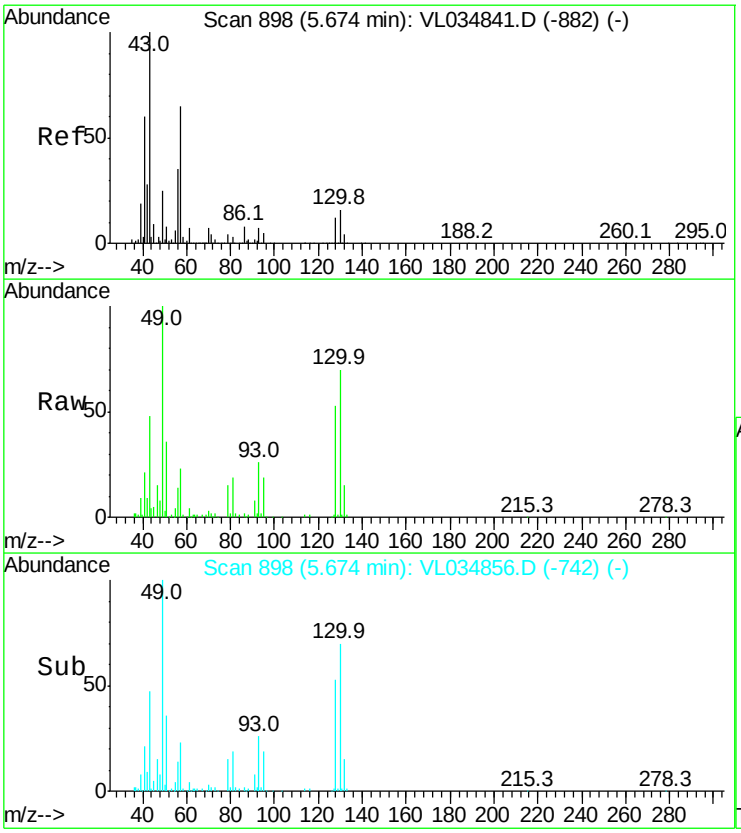
#25
Ethyl Acetate
Concen: 0.511 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 43 Resp: 103483

Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.2	12.2
61	10.1	7.8	11.6
70	7.2	5.8	8.8

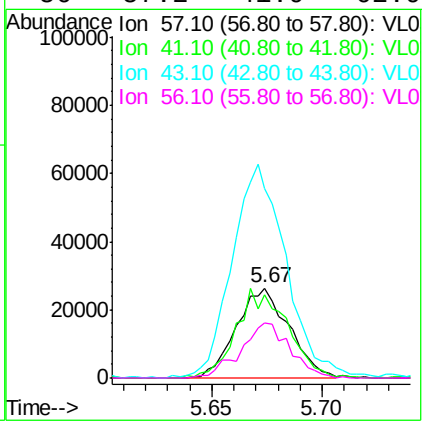


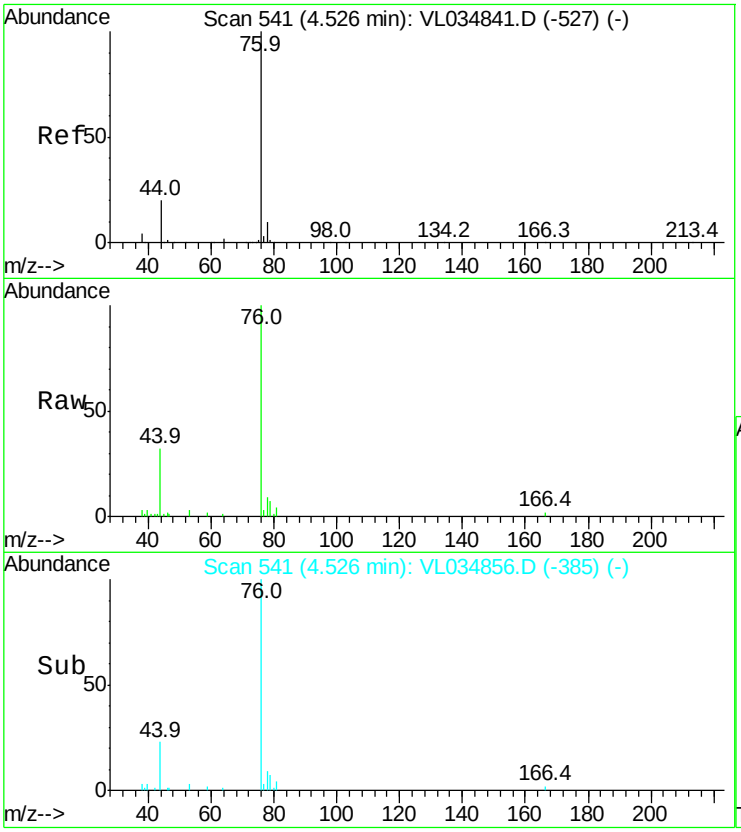


#26
Hexane
Concen: 0.504 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 57 Resp: 43877

Ion	Ratio	Lower	Upper
57	100		
41	96.4	72.6	109.0
43	248.0	183.8	275.6
56	57.2	41.9	62.9



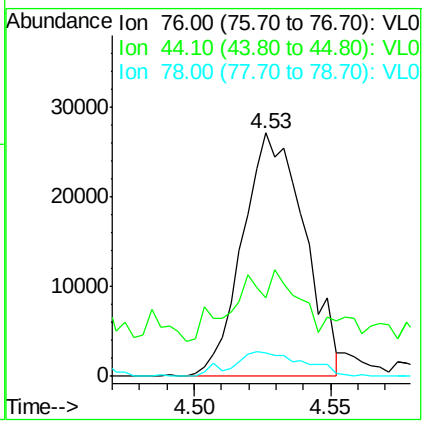


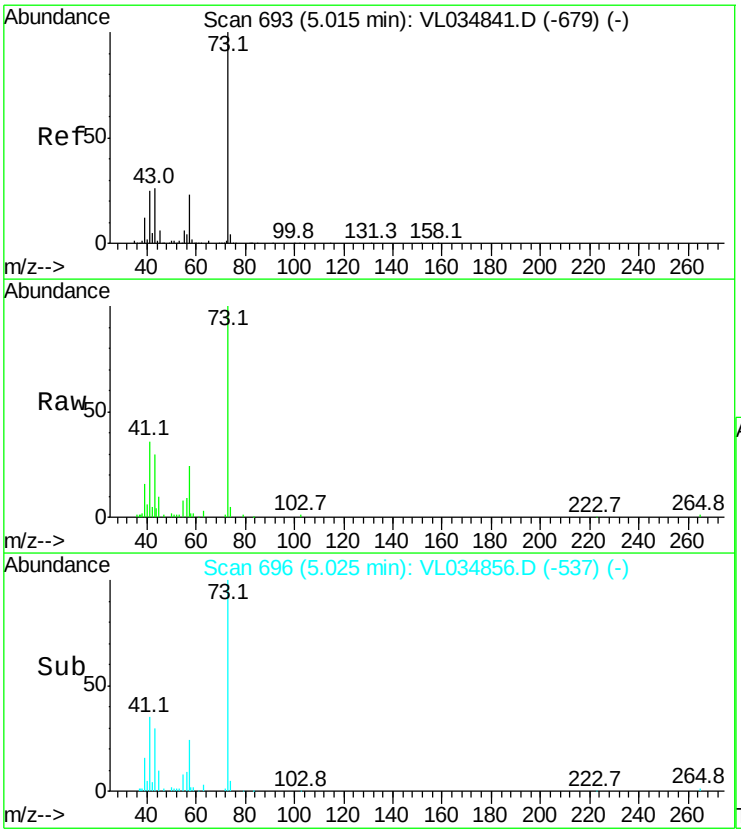
#27
Carbon Disulfide
Concen: 0.432 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 76 Resp: 42674

Ion	Ratio	Lower	Upper
76	100		
44	37.3	16.2	24.2#
78	11.5	7.8	11.6

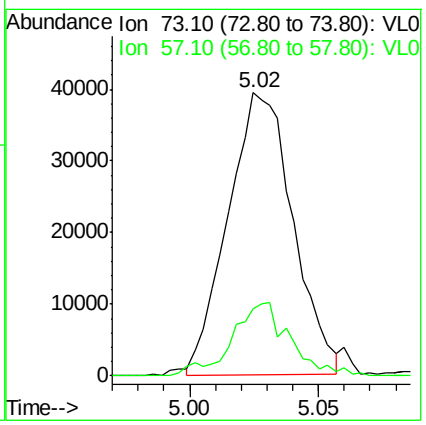


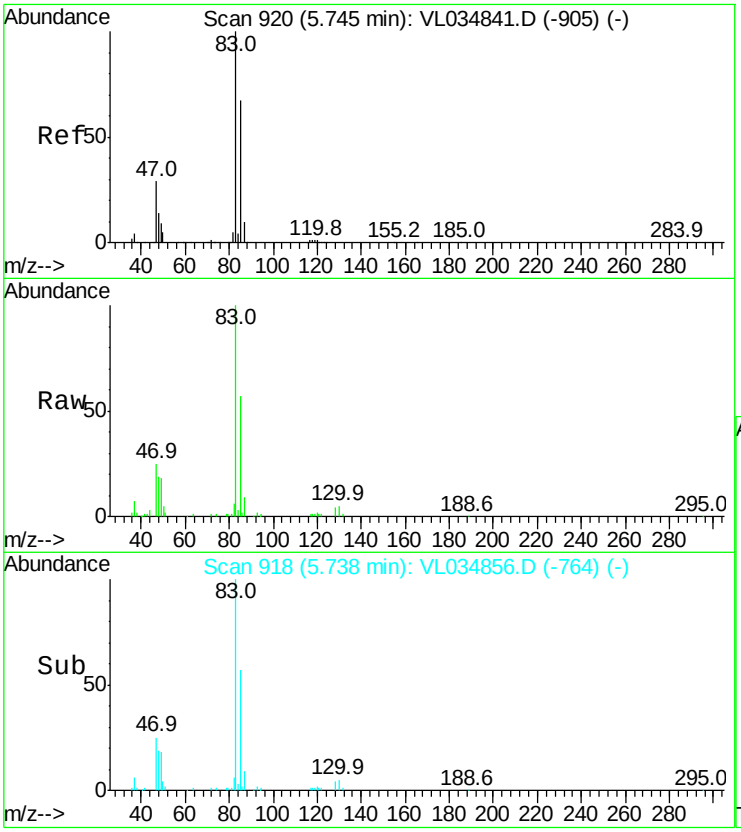


#28
Methyl tert-Butyl Ether
Concen: 0.479 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 73 Resp: 69375

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.3	27.5



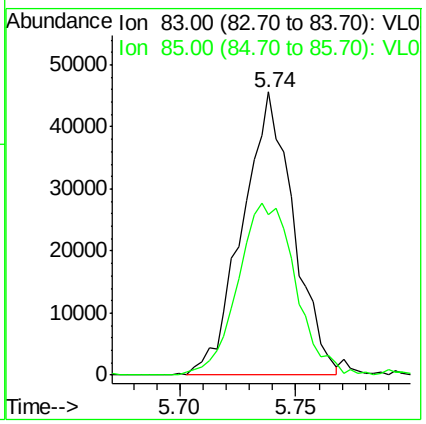


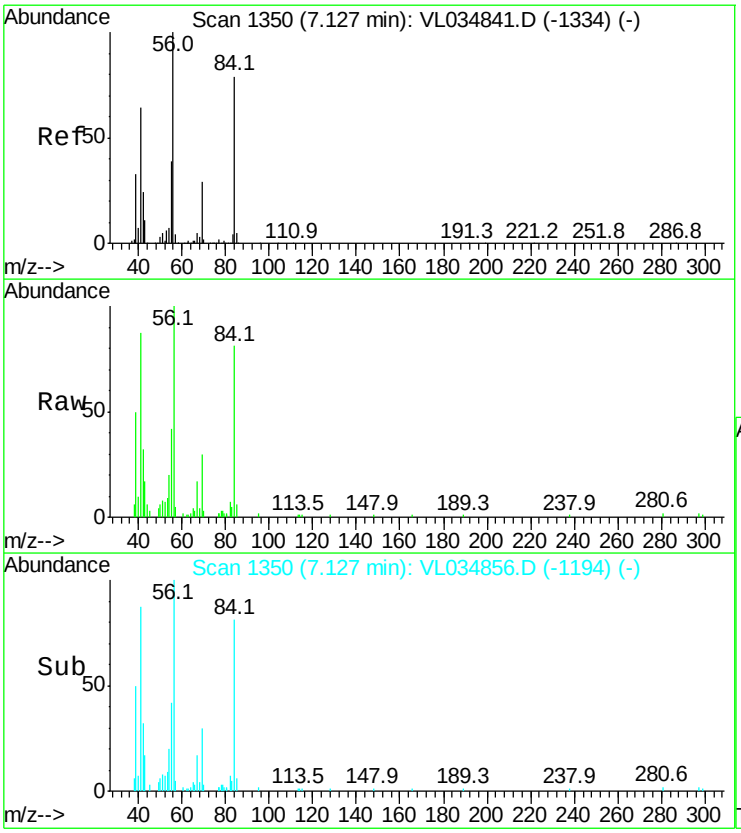
#29
Chloroform
Concen: 0.527 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 83 Resp: 70008

Ion	Ratio	Lower	Upper
83	100		
85	55.4	53.8	80.6

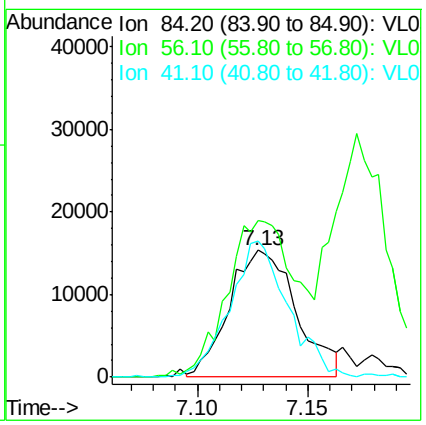


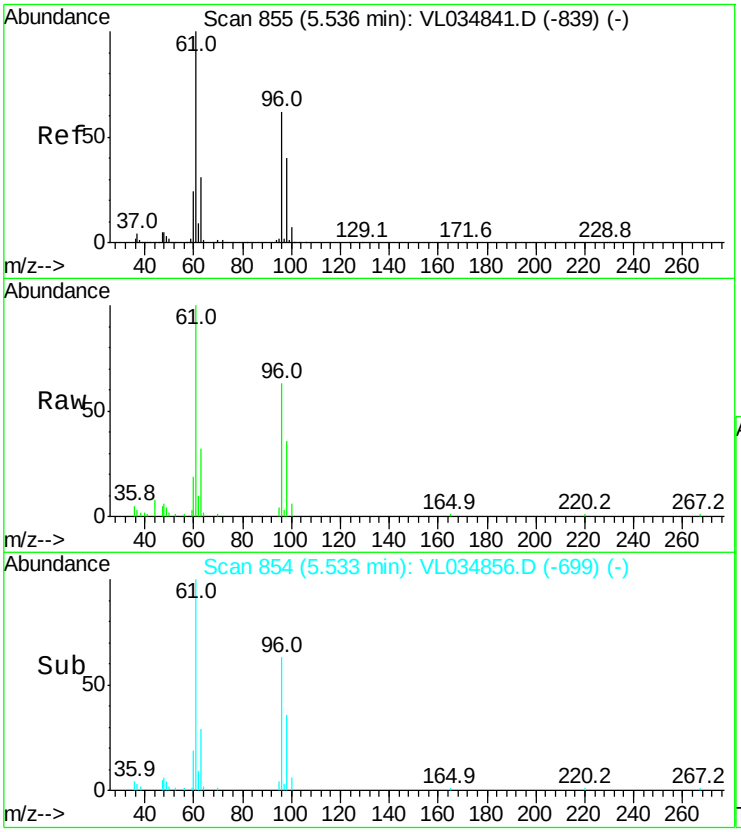


#30
Cyclohexane
Concen: 0.445 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 84 Resp: 32321

Ion	Ratio	Lower	Upper
84	100		
56	128.9	110.5	165.7
41	94.7	68.2	102.4



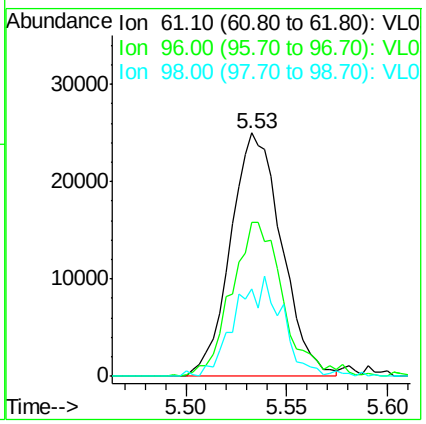


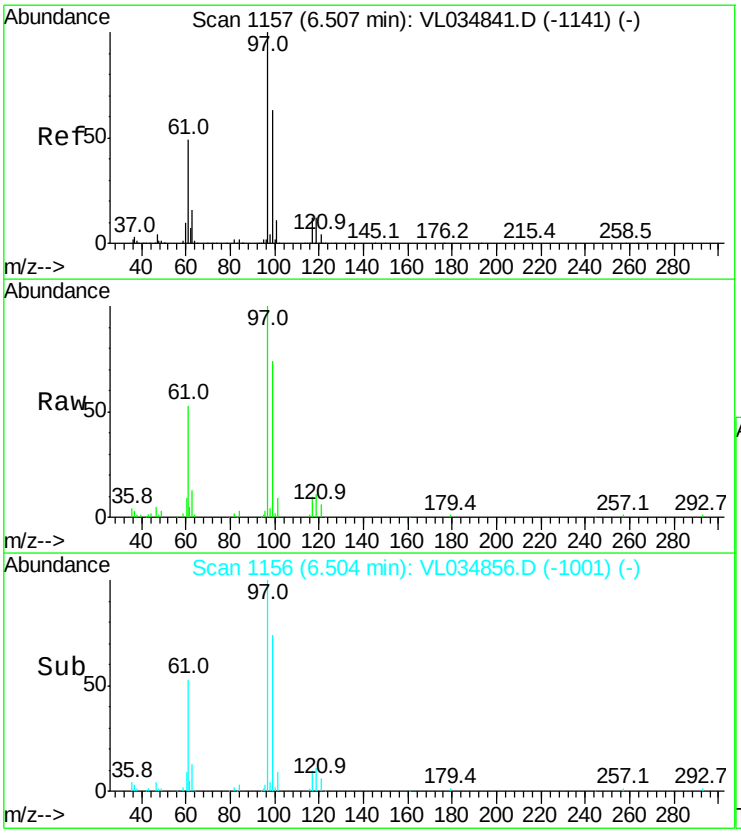
#31
cis-1,2-Dichloroethene
Concen: 0.497 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 61 Resp: 44249

Ion	Ratio	Lower	Upper
61	100		
96	62.7	49.8	74.8
98	33.3	32.2	48.4

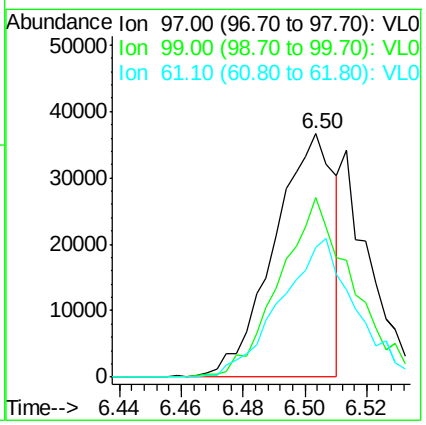


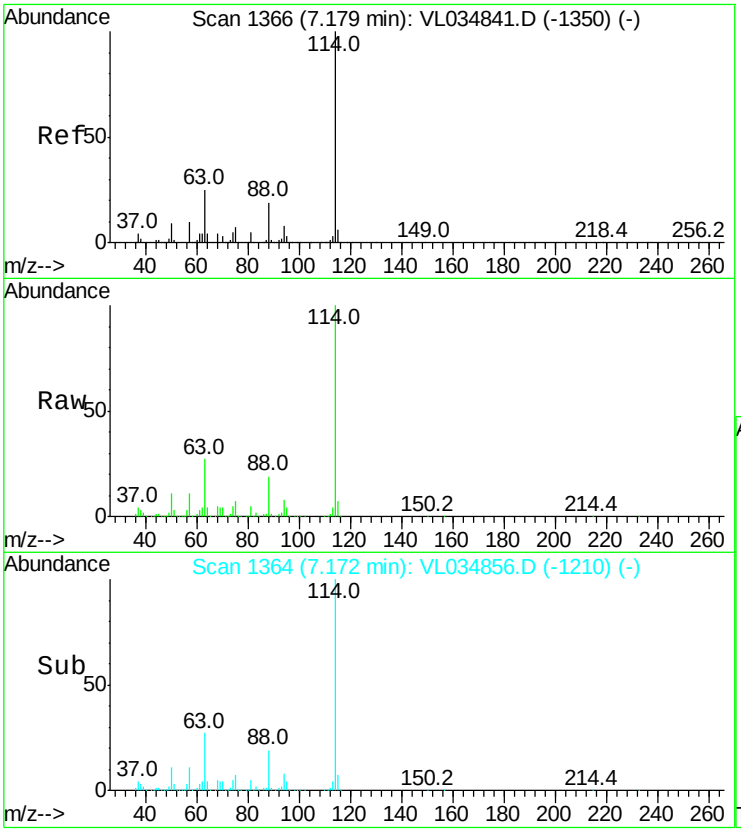


#32
1,1,1-Trichloroethane
Concen: 0.381 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 97 Resp: 49390

Ion	Ratio	Lower	Upper
97	100		
99	89.7	51.1	76.7#
61	70.3	39.7	59.5#



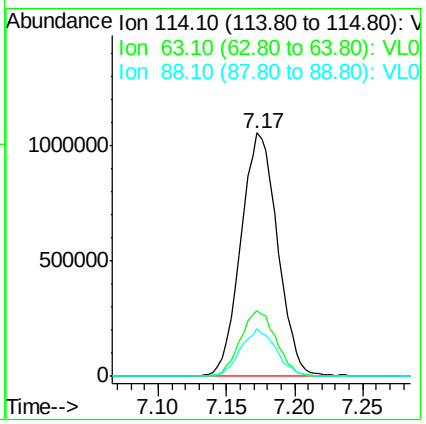


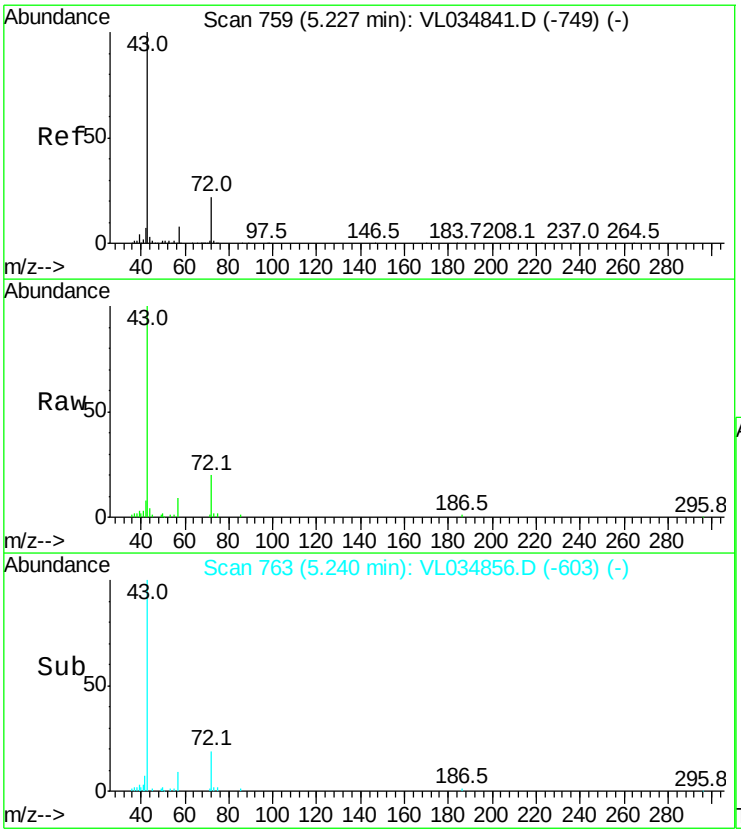
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:114 Resp: 1975131

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.6	31.0
88	18.9	15.0	22.6

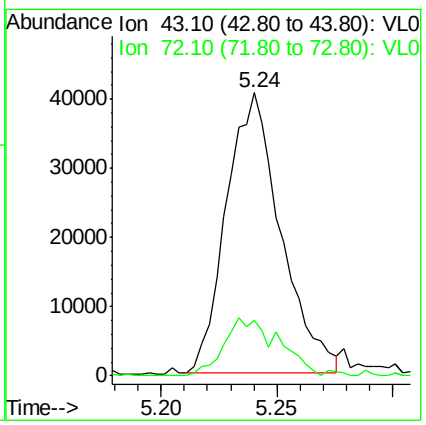


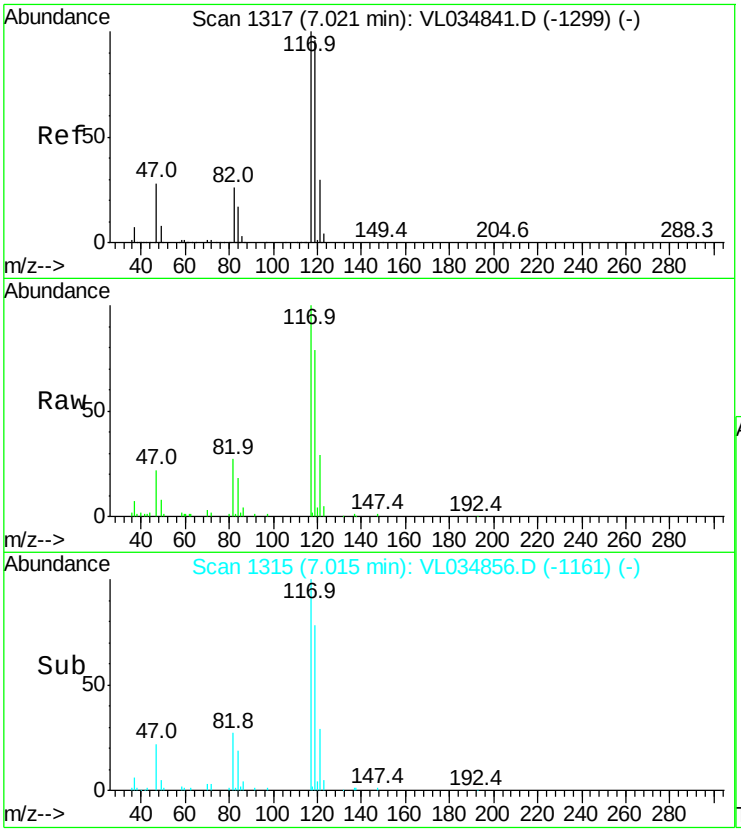


#34
2-Butanone
Concen: 0.504 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 43 Resp: 66176

Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.6	26.4



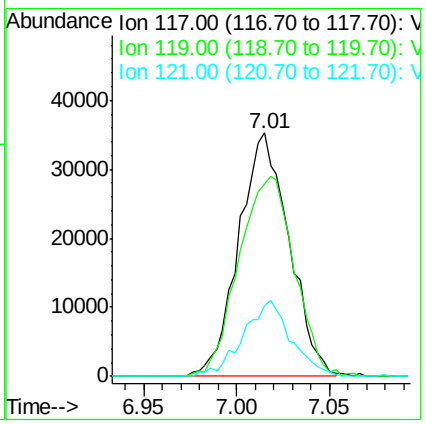


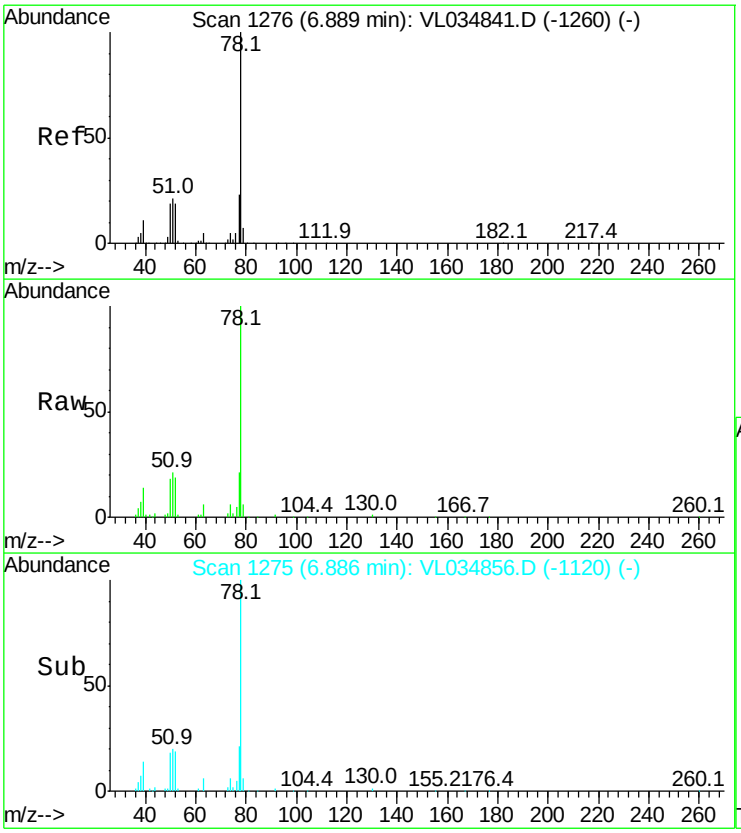
#35
Carbon Tetrachloride
Concen: 0.540 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:117 Resp: 66280

Ion	Ratio	Lower	Upper
117	100		
119	79.3	77.0	115.4
121	29.2	24.0	36.0

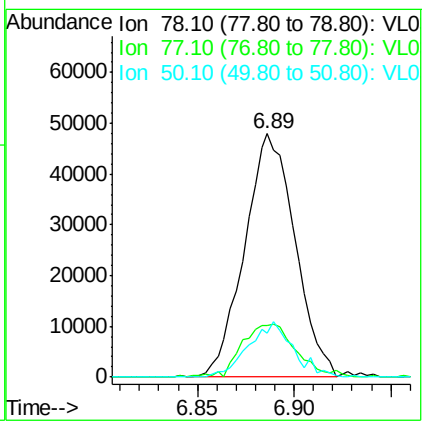


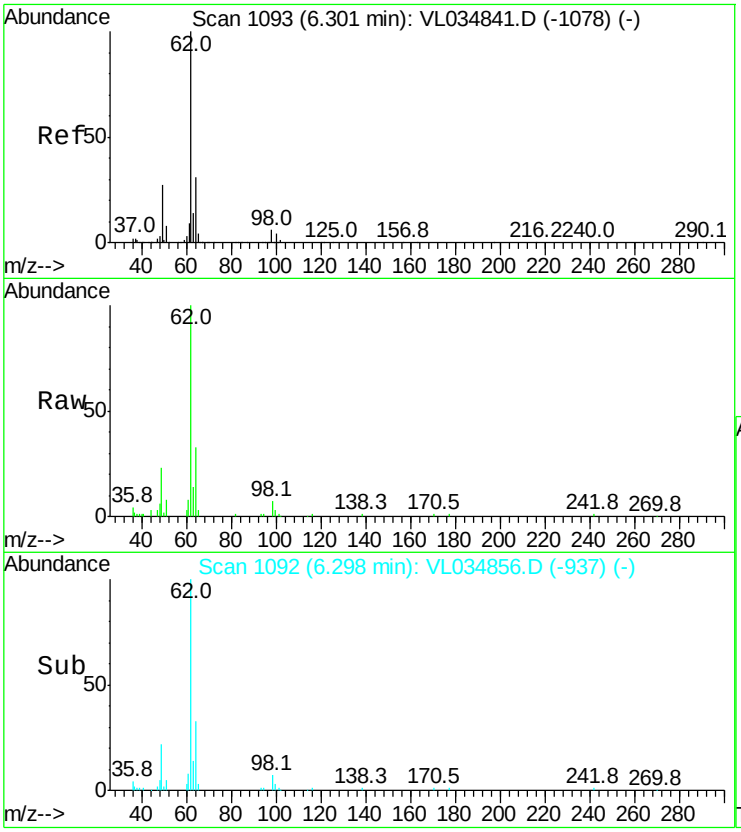


#36
Benzene
Concen: 0.495 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 78 Resp: 87167

Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.2	27.2
50	18.1	15.2	22.8



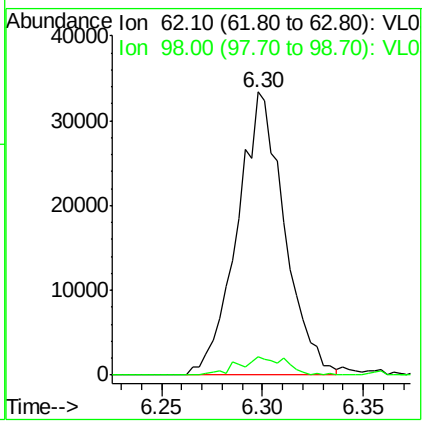


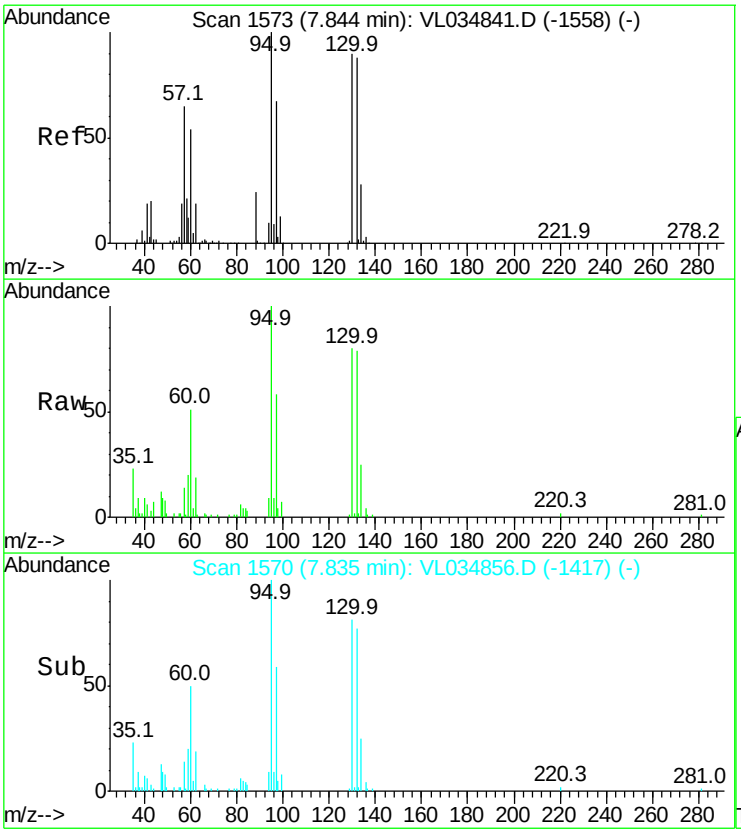
#37
1,2-Dichloroethane
Concen: 0.552 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 62 Resp: 54748

Ion	Ratio	Lower	Upper
62	100		
98	6.6	5.2	7.8

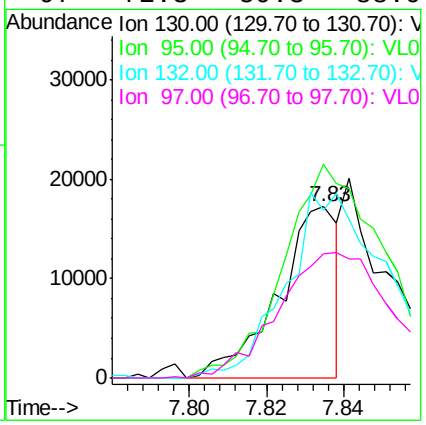


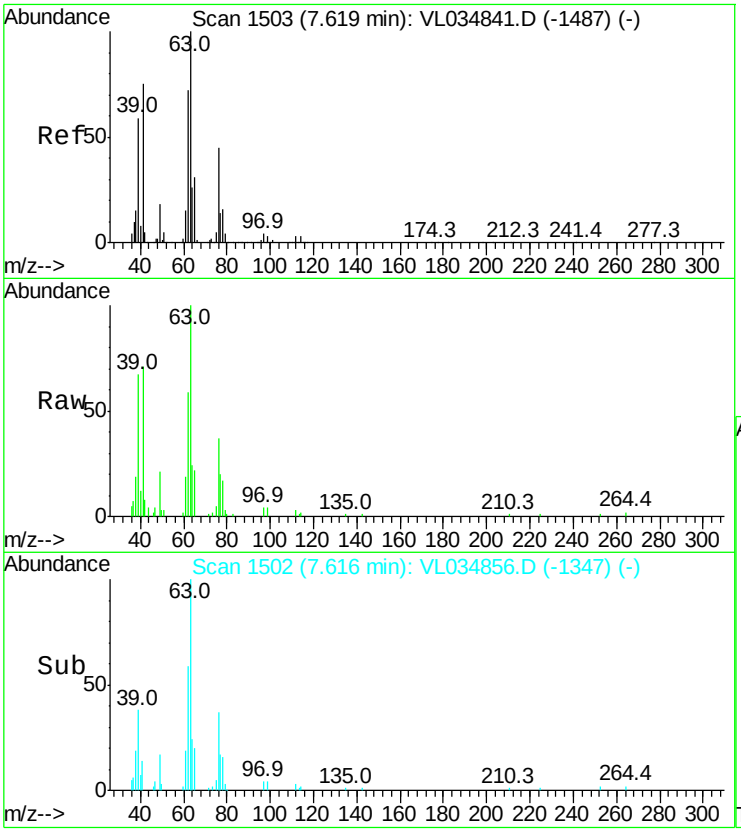


#38
Trichloroethene
Concen: 0.276 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:130 Resp: 18484

Ion	Ratio	Lower	Upper
130	100		
95	124.5	88.5	132.7
132	98.1	78.0	117.0
97	72.3	59.3	88.9



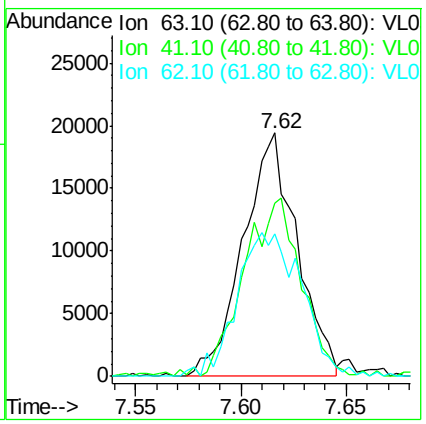


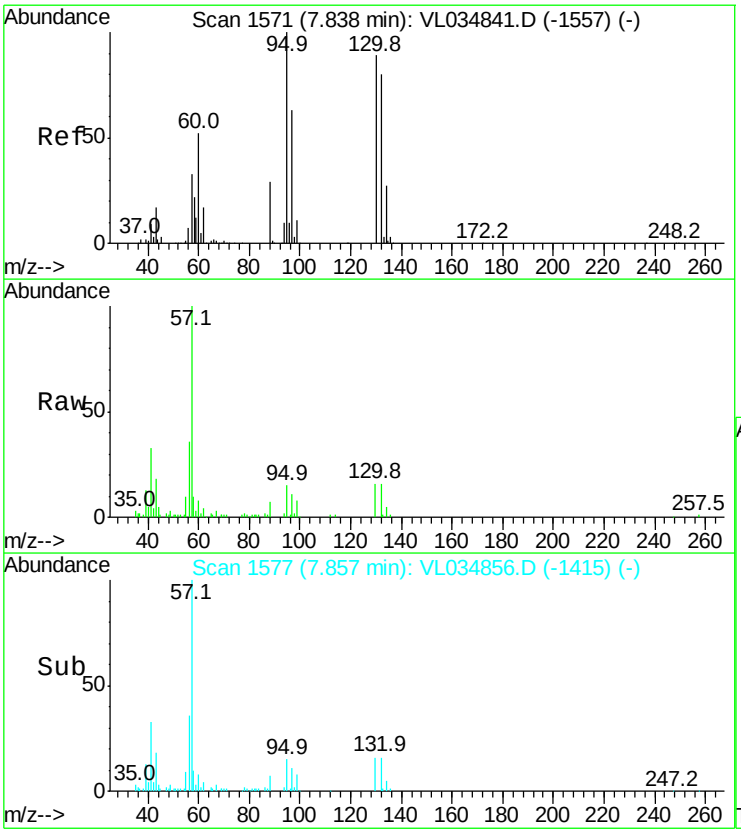
#39
1,2-Dichloropropane
Concen: 0.494 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 63 Resp: 34489

Ion	Ratio	Lower	Upper
63	100		
41	70.3	59.8	89.8
62	56.0	57.6	86.4#

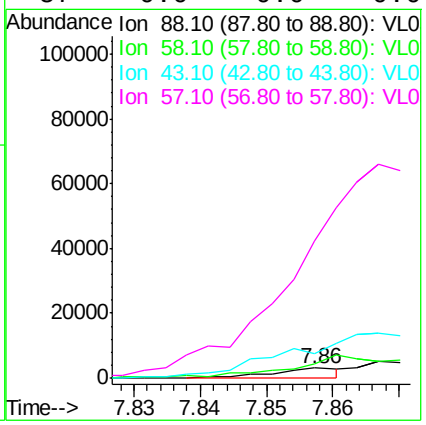


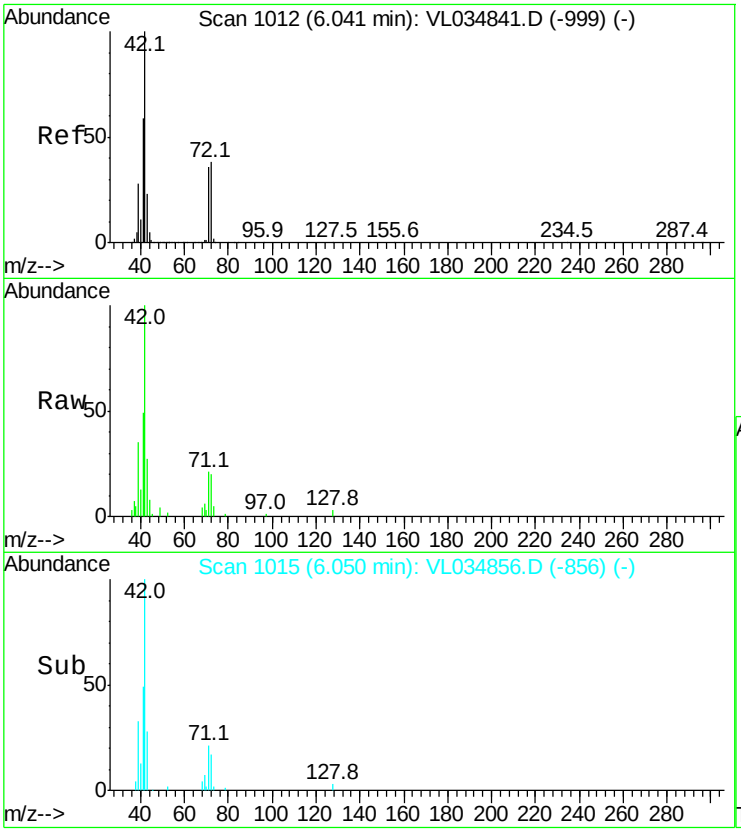


#40
1,4-Dioxane
Concen: 0.082 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.02 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 88 Resp: 2157

Ion	Ratio	Lower	Upper
88	100		
58	0.0	103.9	155.9#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



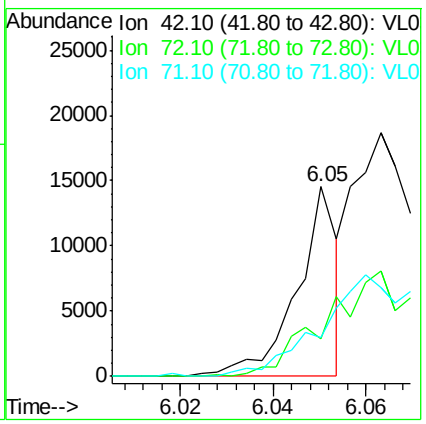


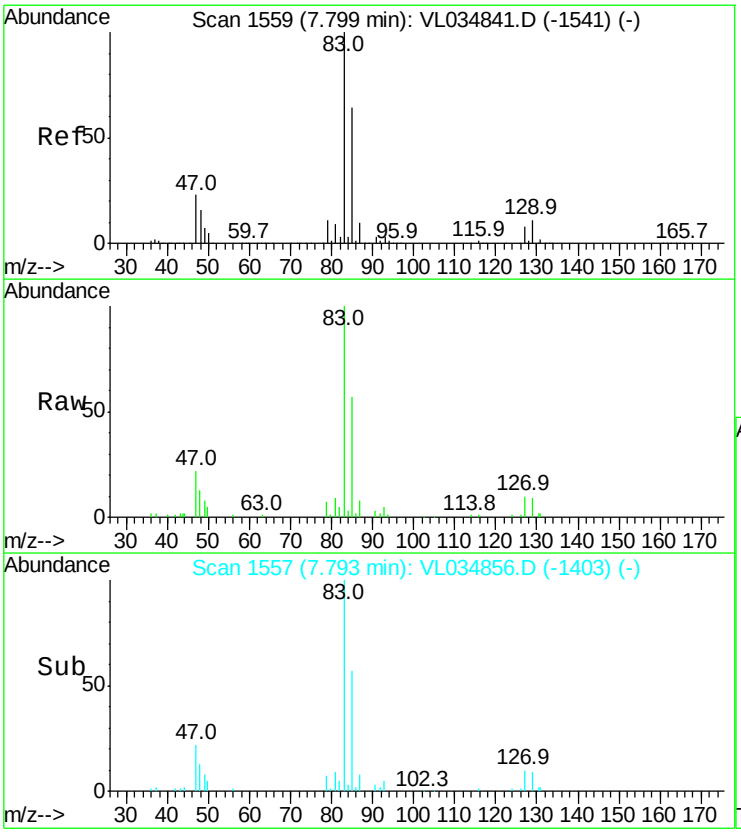
#41
Tetrahydrofuran
Concen: 0.122 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 42 Resp: 8695

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

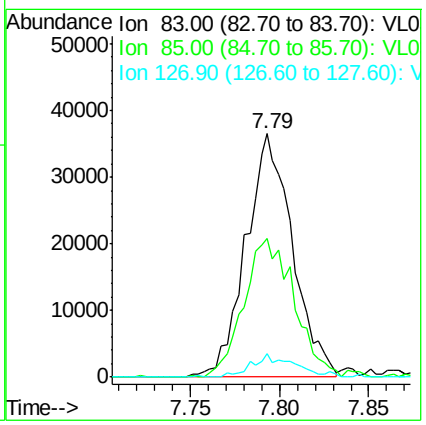


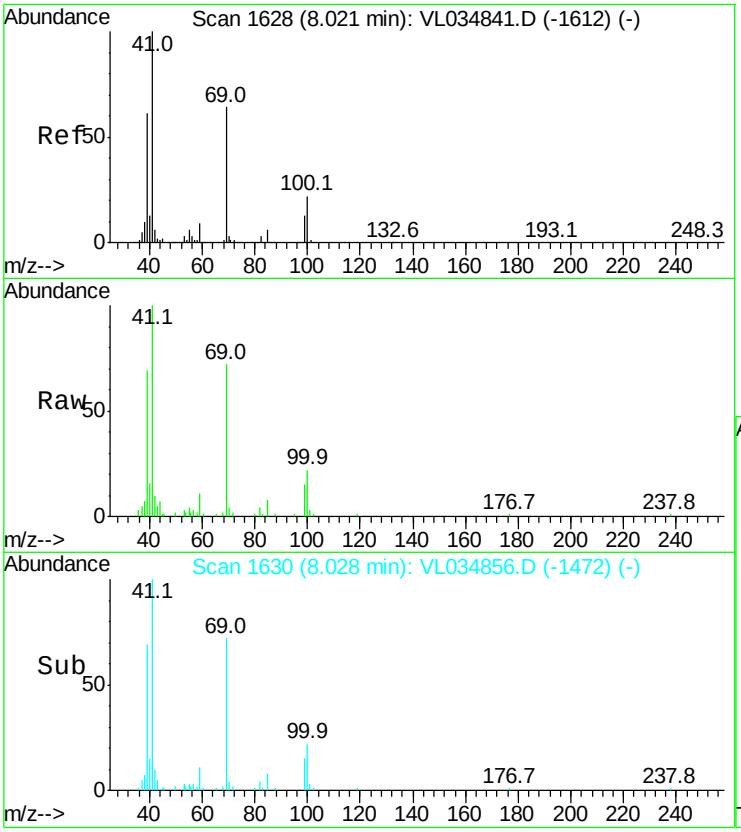


#42
Bromodichloromethane
Concen: 0.492 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 83 Resp: 66547

Ion	Ratio	Lower	Upper
83	100		
85	56.8	51.4	77.2
127	9.9	6.2	9.4#



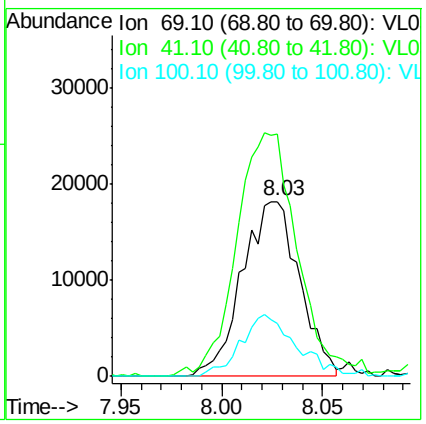


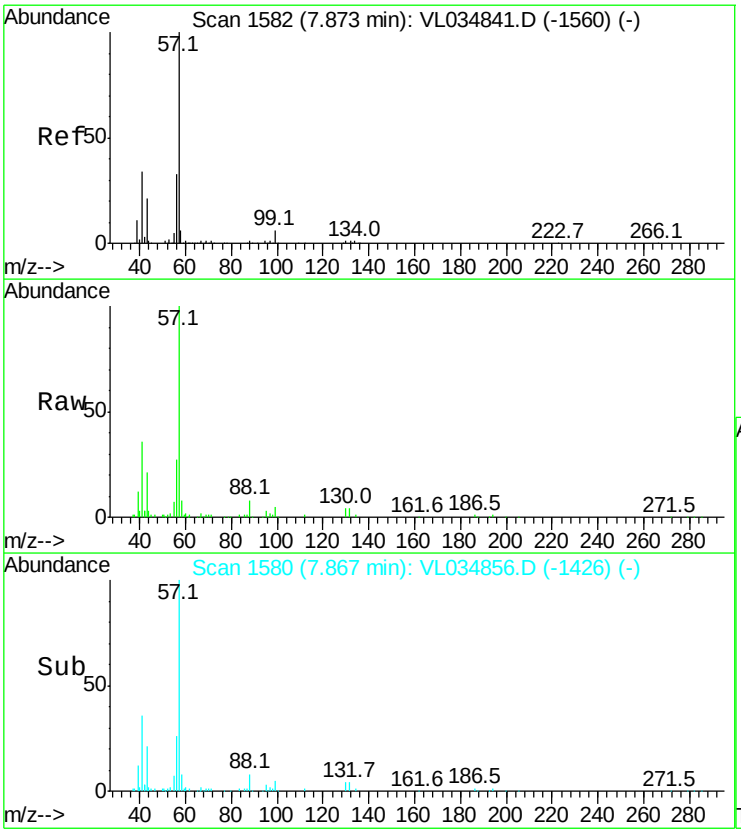
#43
Methyl Methacrylate
Concen: 0.486 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 69 Resp: 36043

Ion	Ratio	Lower	Upper
69	100		
41	148.0	123.2	184.8
100	34.7	26.9	40.3

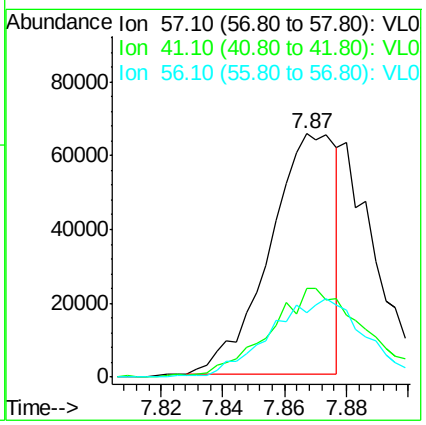


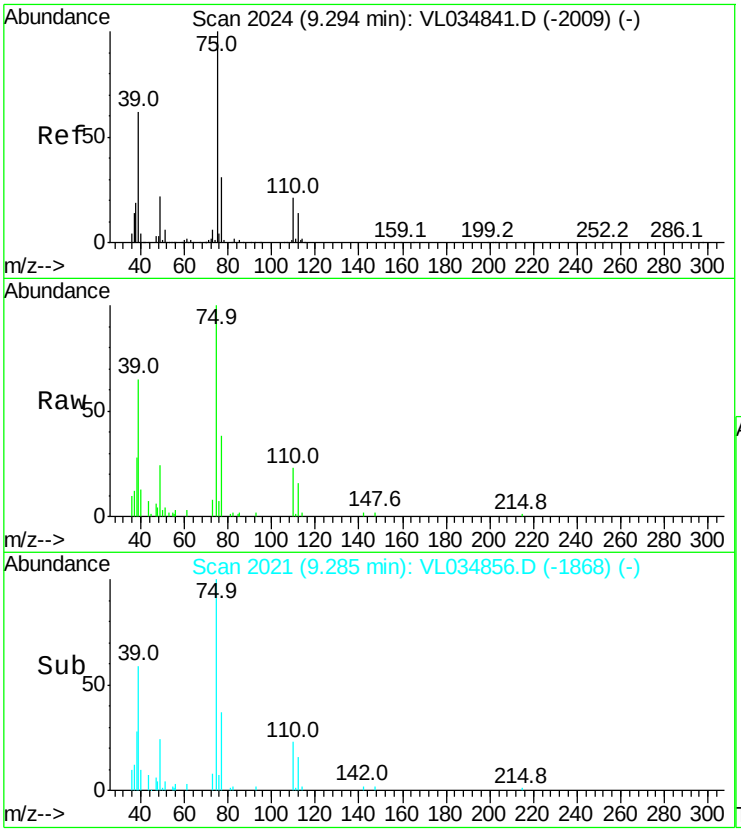


#44
2,2,4-Trimethylpentane
Concen: 0.328 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 57 Resp: 97494

Ion	Ratio	Lower	Upper
57	100		
41	53.6	26.2	39.4#
56	47.0	25.0	37.4#



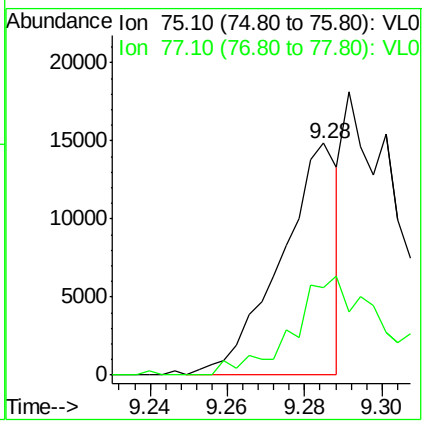


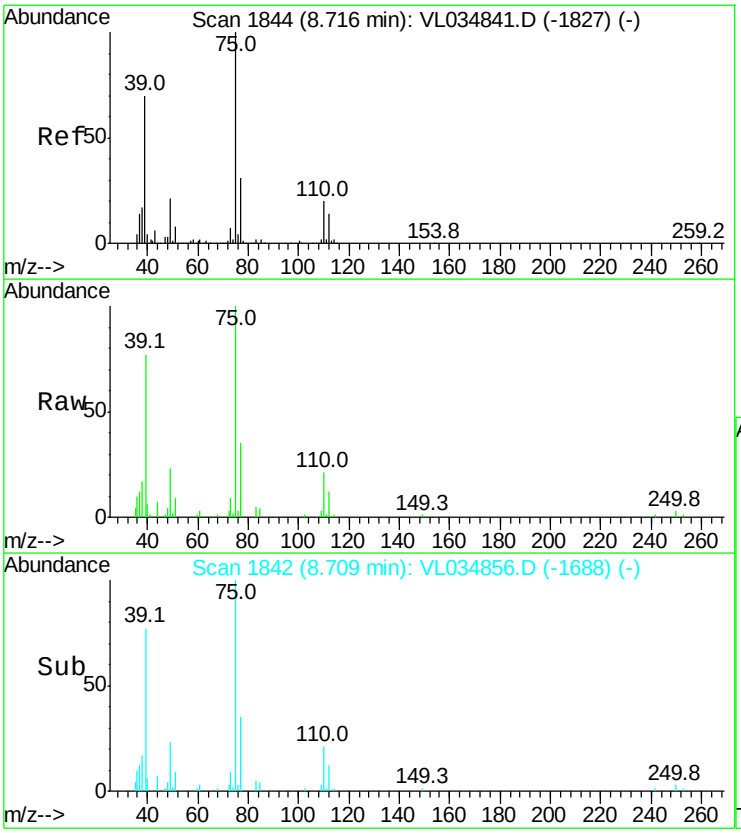
#45
t-1,3-Dichloropropene
Concen: 0.175 ppbv
RT: 9.28 min Scan# 2021
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 75 Resp: 15262

Ion	Ratio	Lower	Upper
75	100		
77	37.8	24.6	37.0#

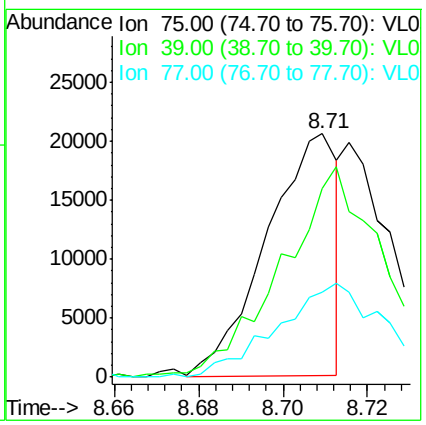


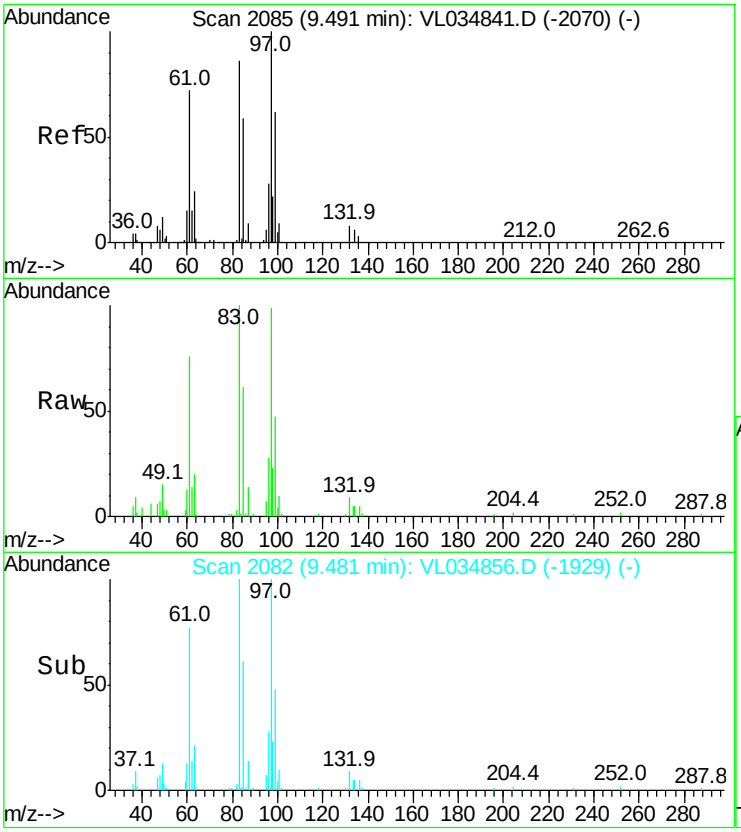


#46
cis-1,3-Dichloropropene
Concen: 0.232 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 75 Resp: 23976

Ion	Ratio	Lower	Upper
75	100		
39	76.4	55.7	83.5
77	35.3	24.7	37.1



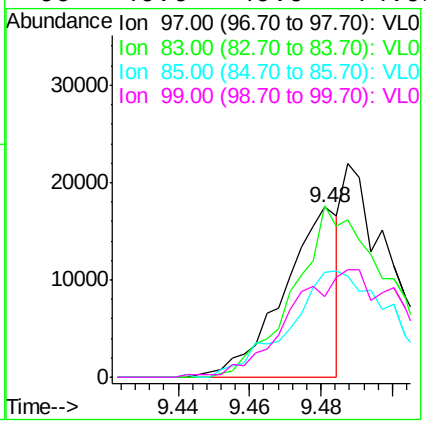


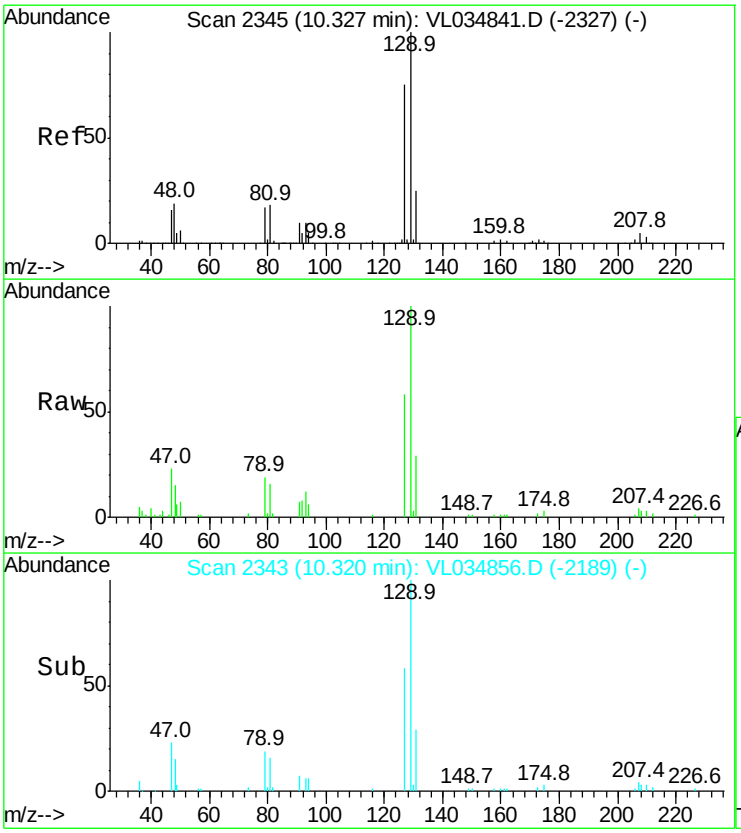
#47
1,1,2-Trichloroethane
Concen: 0.259 ppbv
RT: 9.48 min Scan# 2082
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 97 Resp: 18551

Ion	Ratio	Lower	Upper
97	100		
83	101.2	68.6	102.8
85	59.6	46.9	70.3
99	46.6	49.9	74.9#

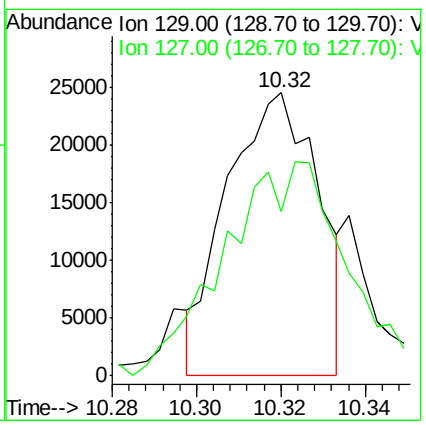


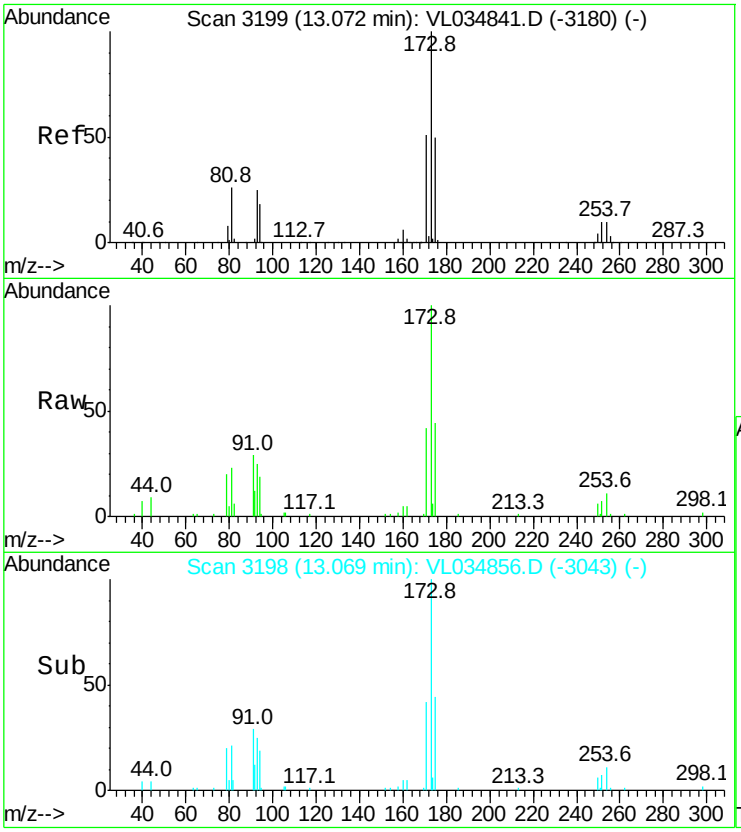


#48
Dibromochloromethane
Concen: 0.320 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:129 Resp: 37081

Ion	Ratio	Lower	Upper
129	100		
127	102.5	39.6	118.7



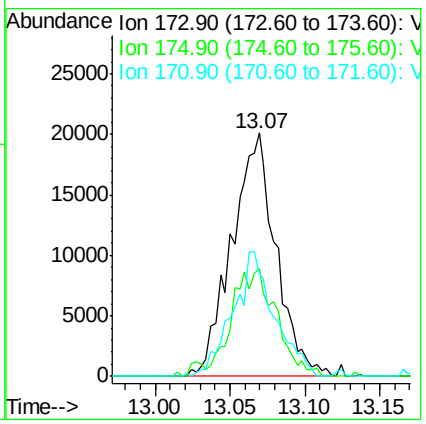


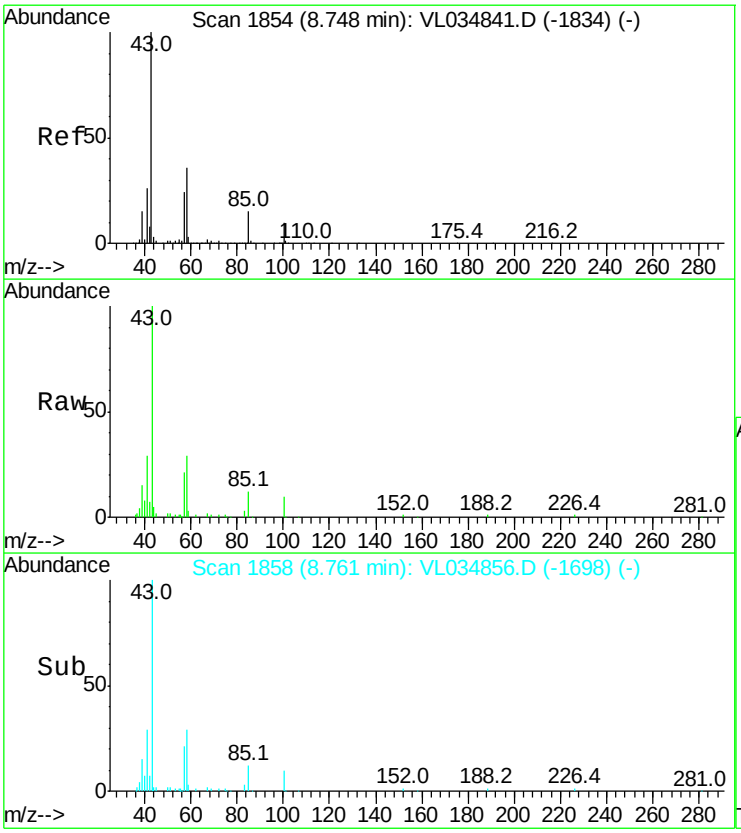
#49
Bromoform
Concen: 0.400 ppbv
RT: 13.07 min Scan# 3198
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:173 Resp: 41304

Ion	Ratio	Lower	Upper
173	100		
175	46.2	39.6	59.4
171	48.7	41.0	61.6

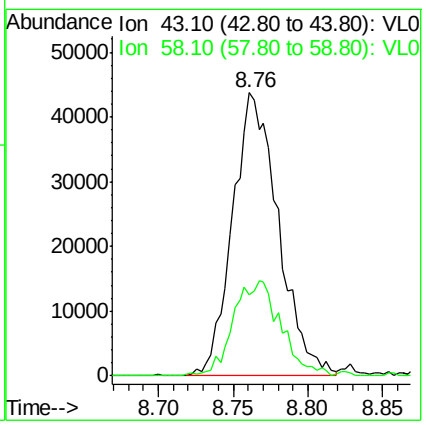


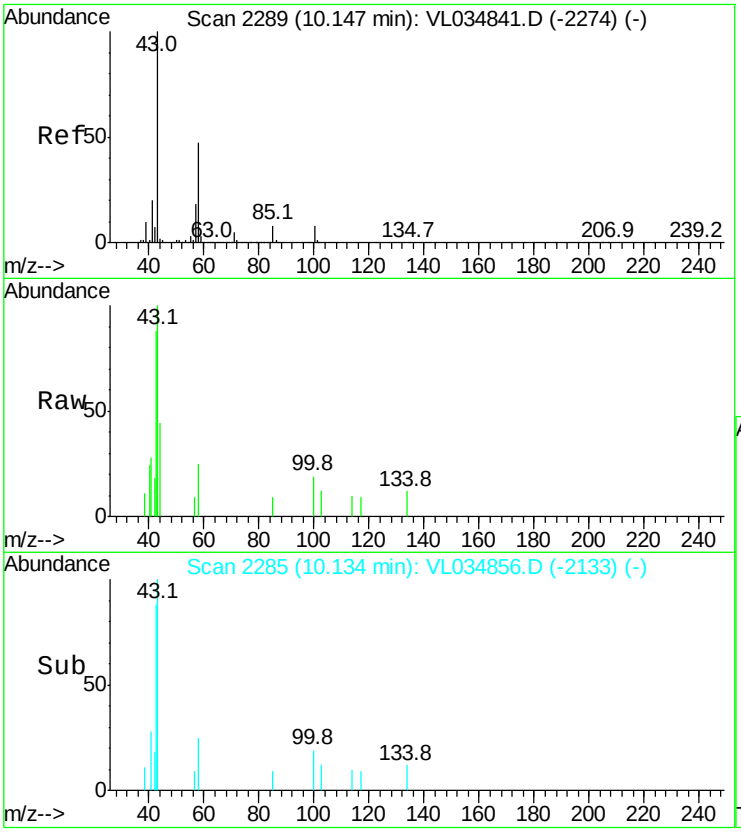


#50
4-Methyl-2-Pentanone
Concen: 0.491 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 43 Resp: 92852

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.6	42.8



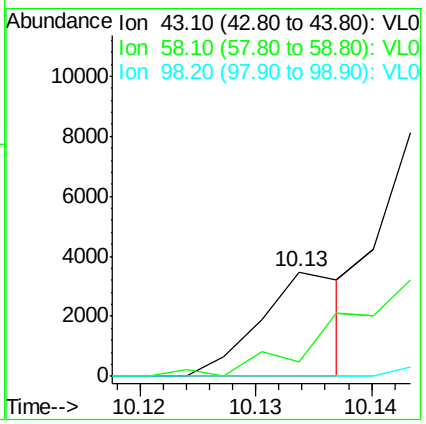


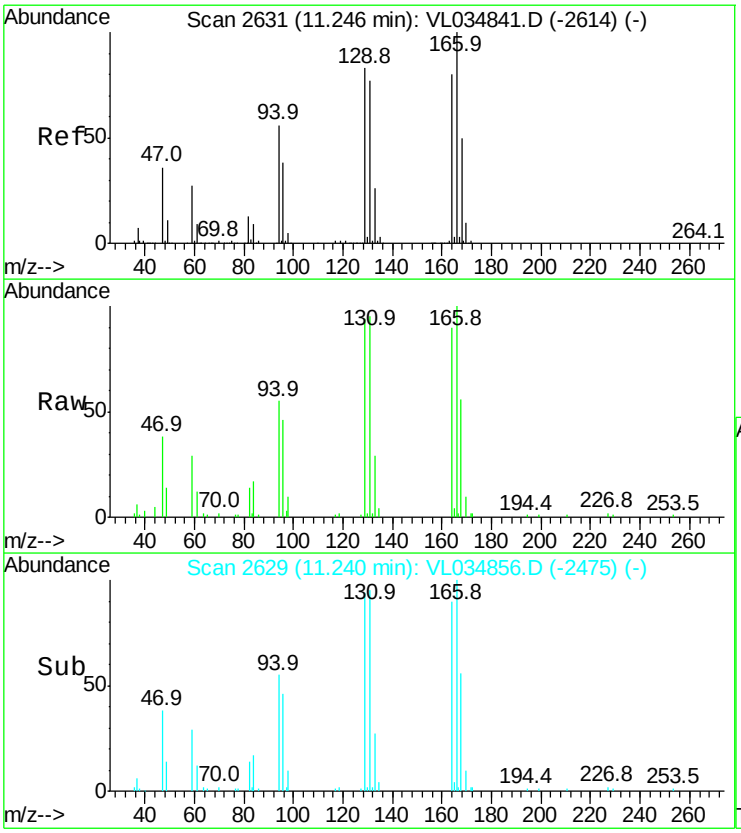
#51
2-Hexanone
Concen: 0.012 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 43 Resp: 1780

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	58.0#
98	5.8	0.1	0.1#

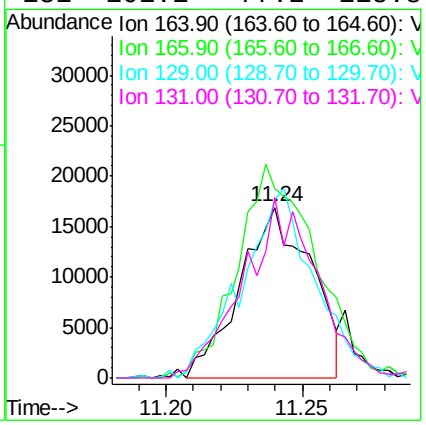


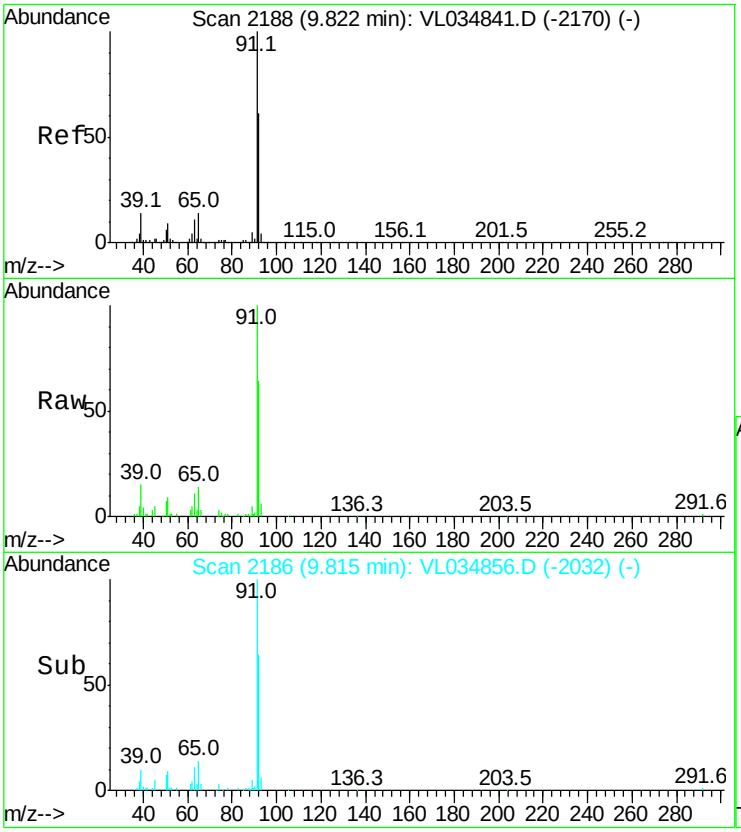


#52
Tetrachloroethene
Concen: 0.439 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:164 Resp: 30603

Ion	Ratio	Lower	Upper
164	100		
166	107.3	100.0	150.0
129	101.2	83.1	124.7
131	101.1	77.2	115.8



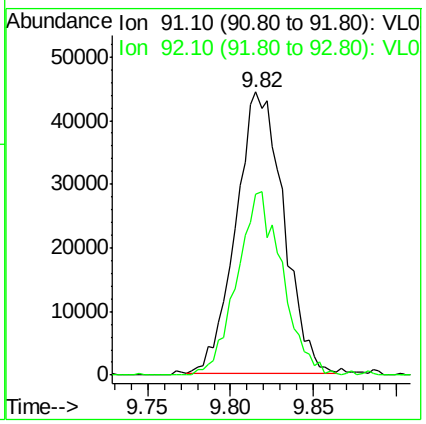


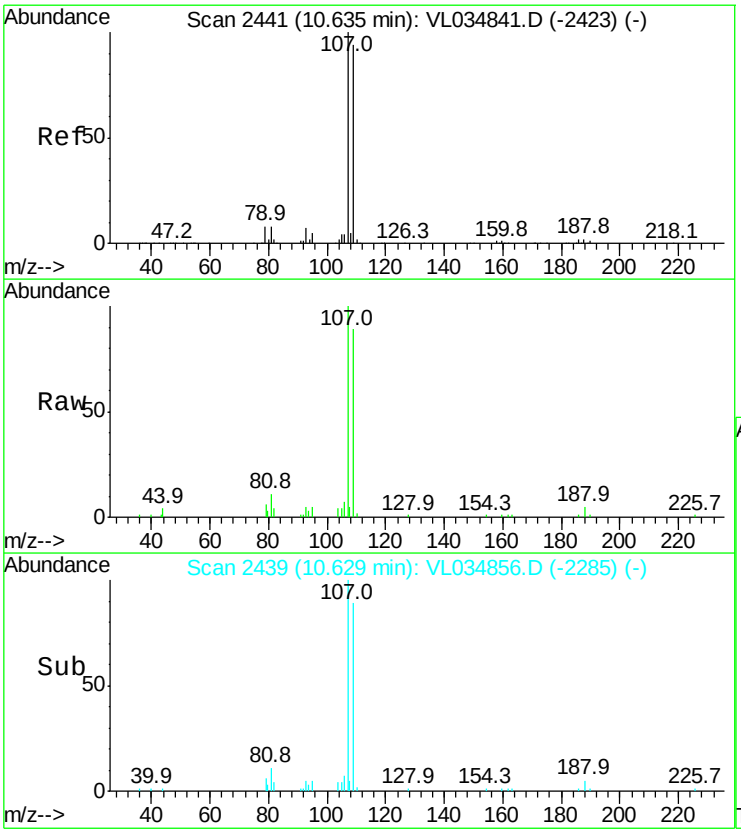
#53
Toluene
Concen: 0.433 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 91 Resp: 88011

Ion	Ratio	Lower	Upper
91	100		
92	62.3	48.6	72.8

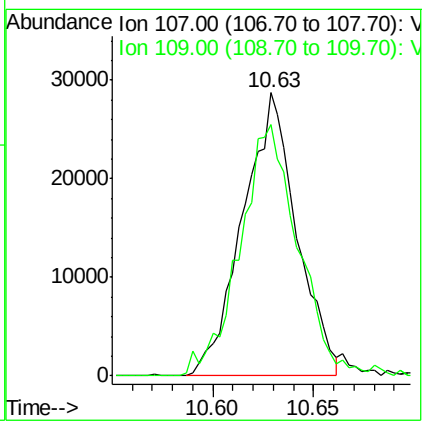


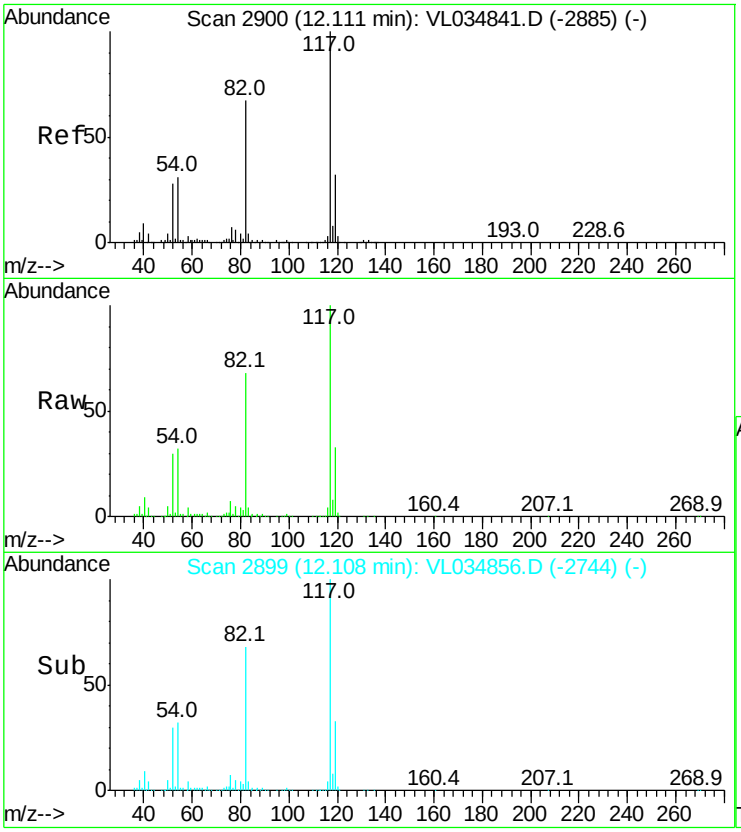


#54
1,2-Dibromoethane
Concen: 0.497 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:107 Resp: 53539

Ion	Ratio	Lower	Upper
107	100		
109	87.9	74.9	112.3



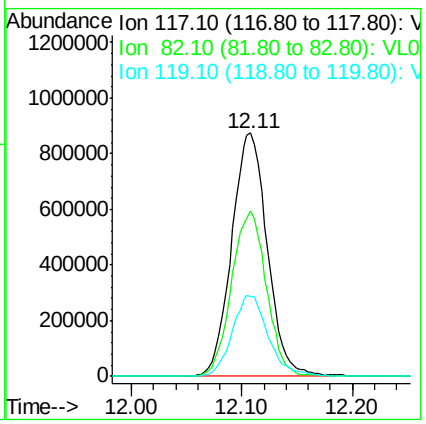


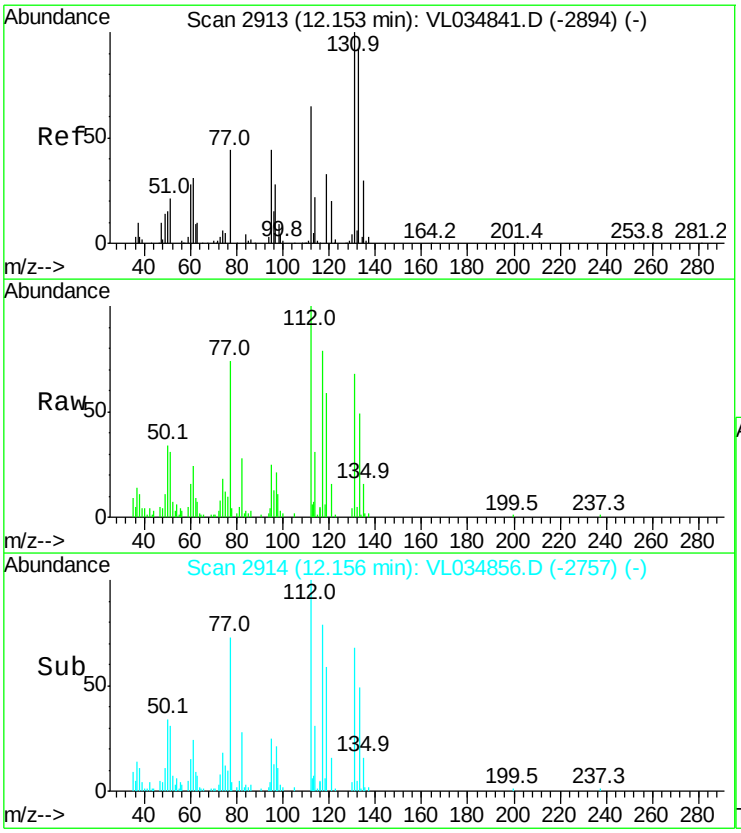
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:117 Resp: 1954578

Ion	Ratio	Lower	Upper
117	100		
82	66.6	51.1	76.7
119	33.7	27.3	40.9

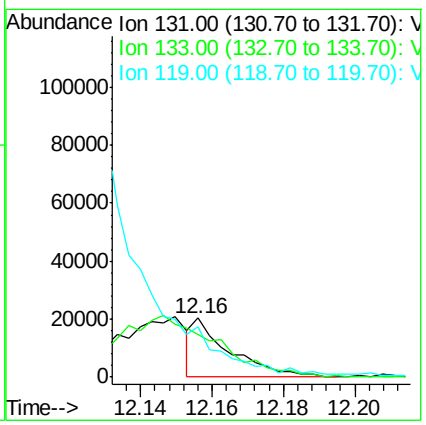


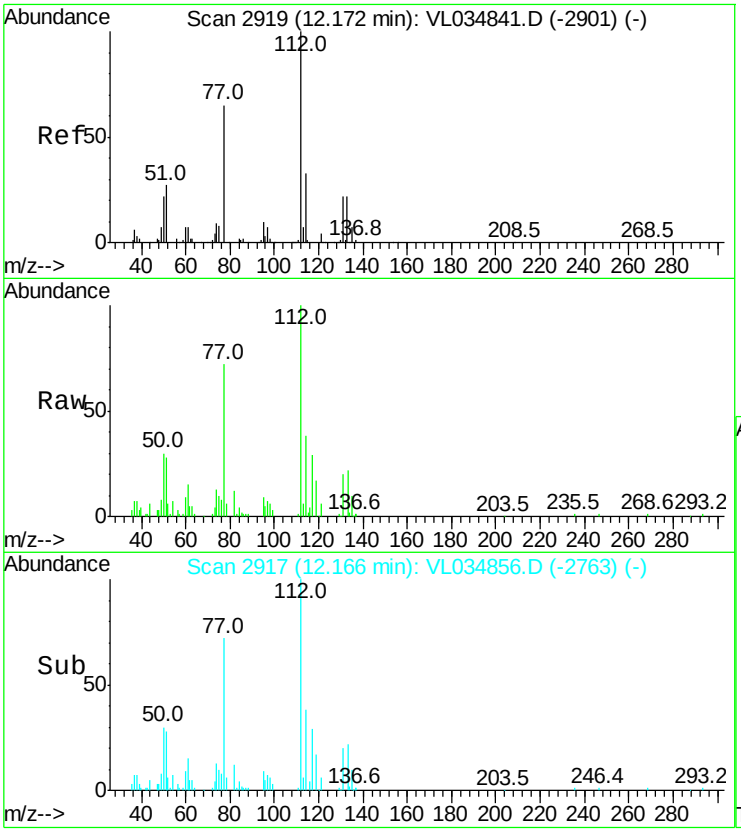


#56
1,1,1,2-Tetrachloroethane
Concen: 0.165 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:131 Resp: 14500

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



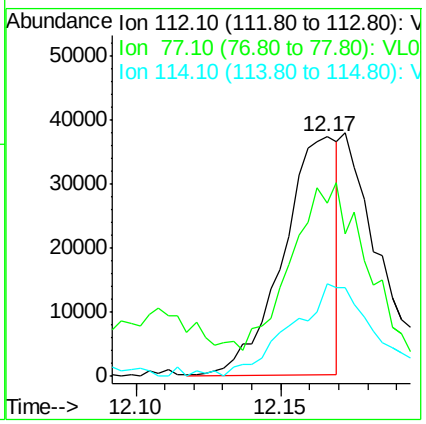


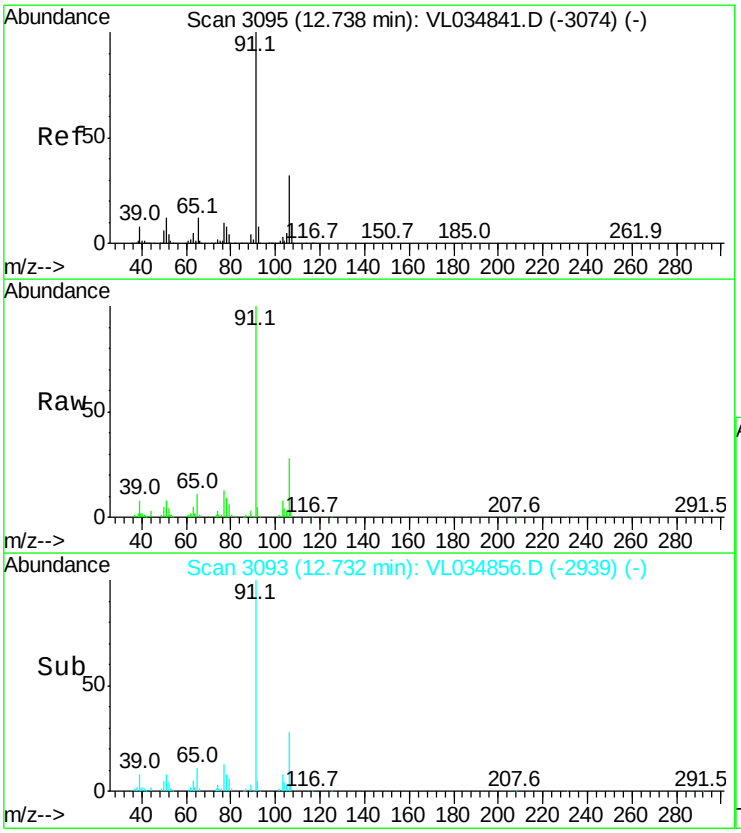
#57
Chlorobenzene
Concen: 0.318 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:112 Resp: 48641

Ion	Ratio	Lower	Upper
112	100		
77	55.7	53.0	79.6
114	39.8	29.5	36.1#

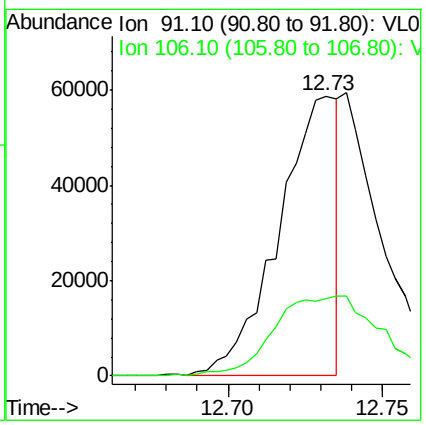


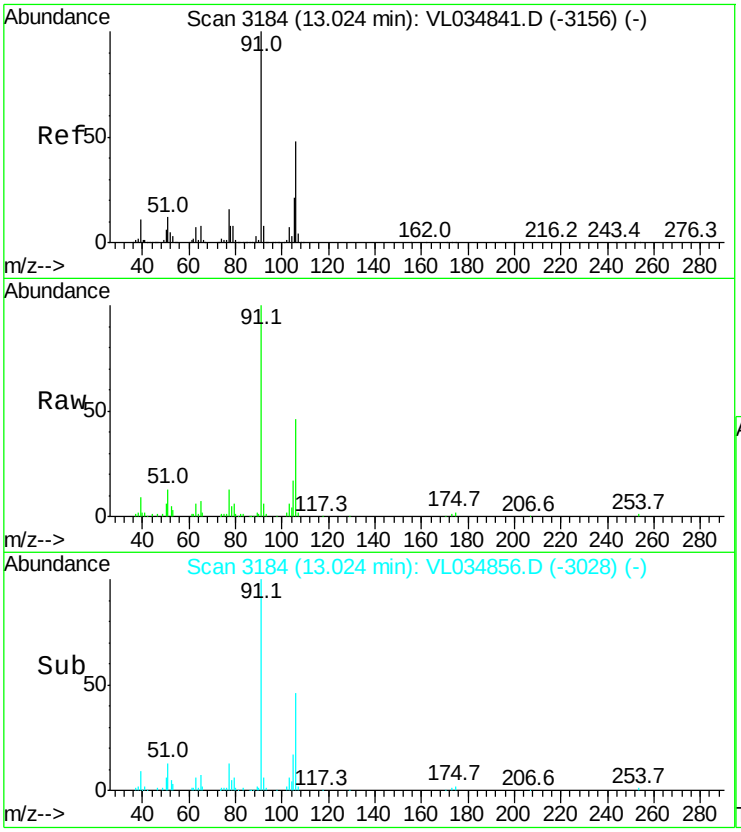


#58
Ethyl Benzene
Concen: 0.291 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 91 Resp: 77116

Ion	Ratio	Lower	Upper
91	100		
106	27.7	25.8	38.6



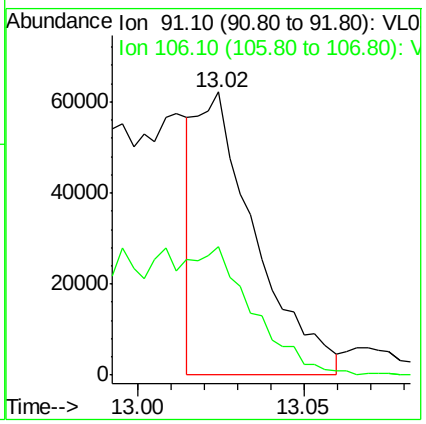


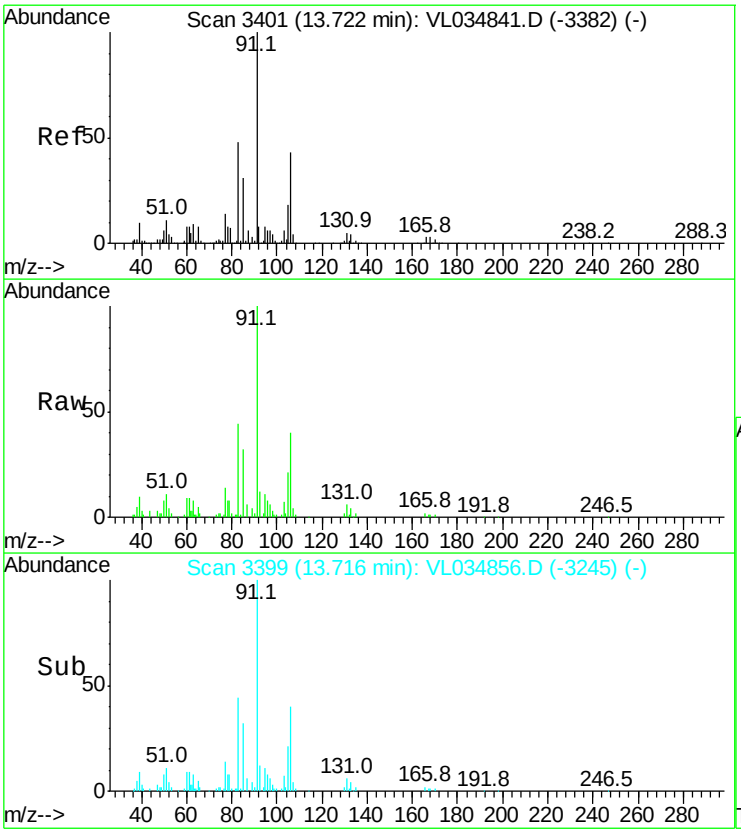
#59
m/p-Xylene
Concen: 0.349 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 91 Resp: 77395

Ion	Ratio	Lower	Upper
91	100		
106	129.3	37.1	55.7#

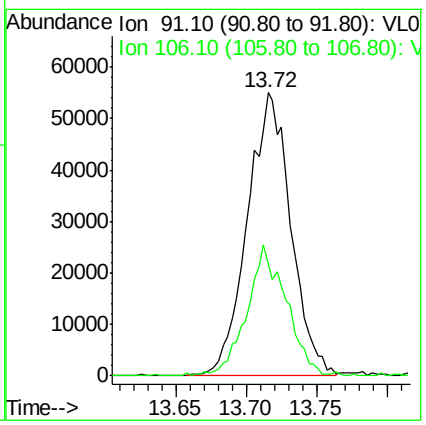


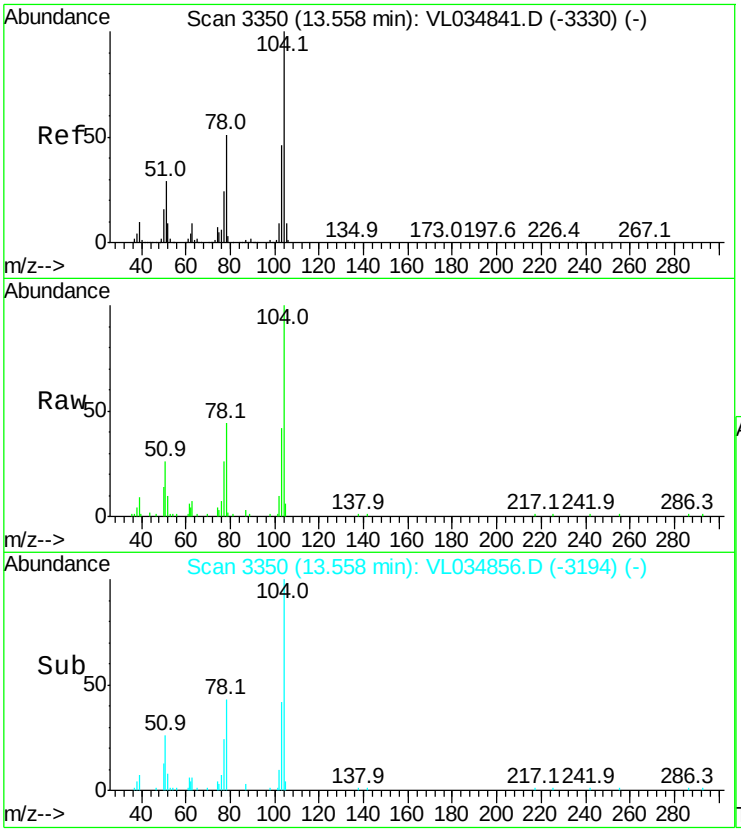


#60
o-Xylene
Concen: 0.546 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 91 Resp: 118319

Ion	Ratio	Lower	Upper
91	100		
106	42.1	22.5	67.5



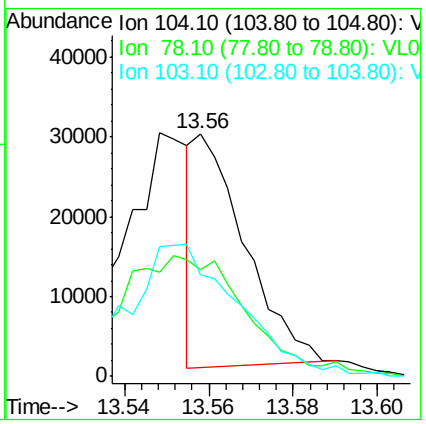


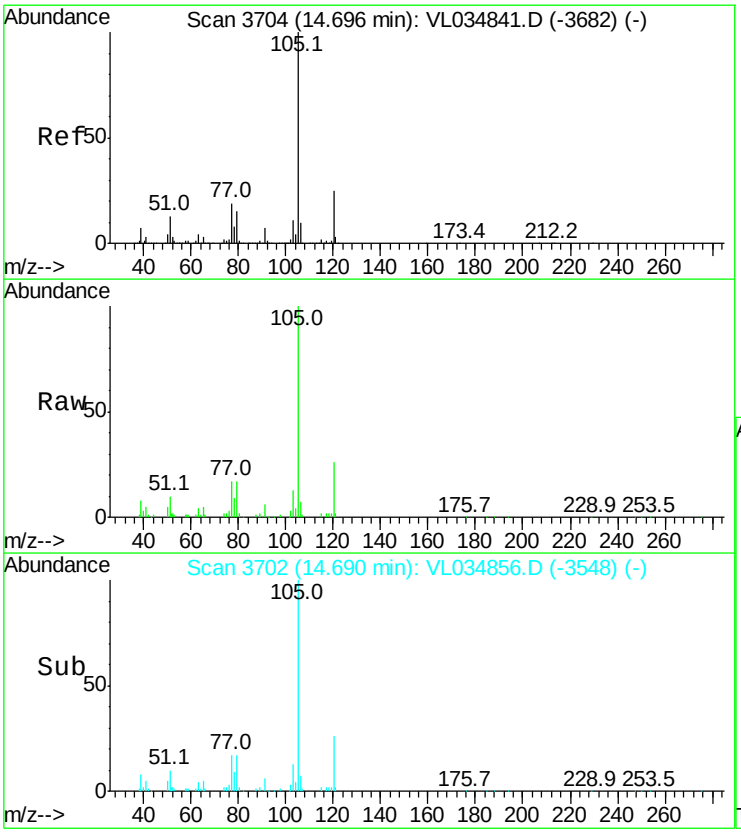
#61
Styrene
Concen: 0.159 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:104 Resp: 24091

Ion	Ratio	Lower	Upper
104	100		
78	140.1	41.8	62.6#
103	135.3	37.8	56.6#

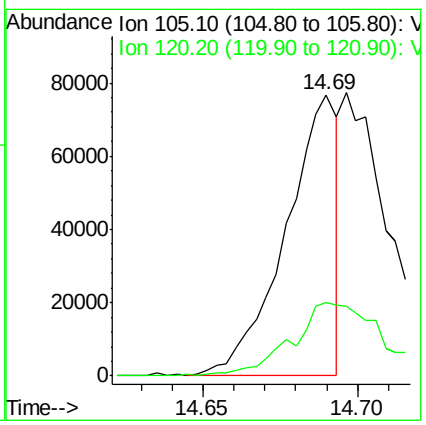


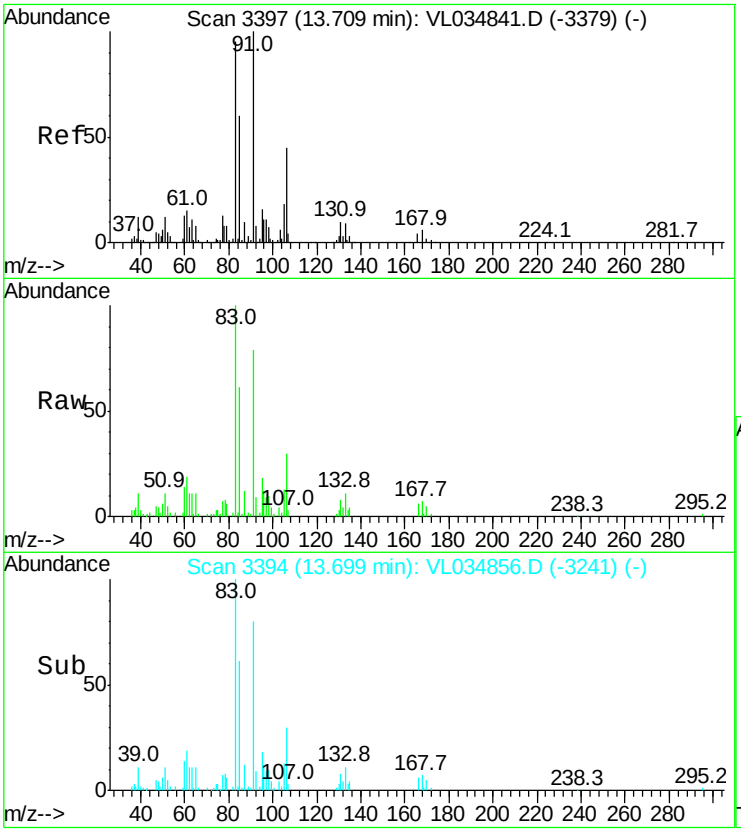


#62
Isopropylbenzene
Concen: 0.272 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:105 Resp: 88973

Ion	Ratio	Lower	Upper
105	100		
120	45.9	21.0	31.4#



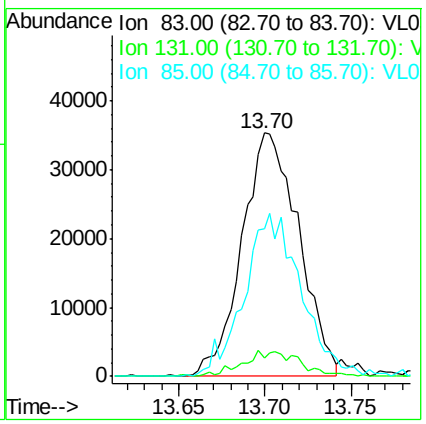


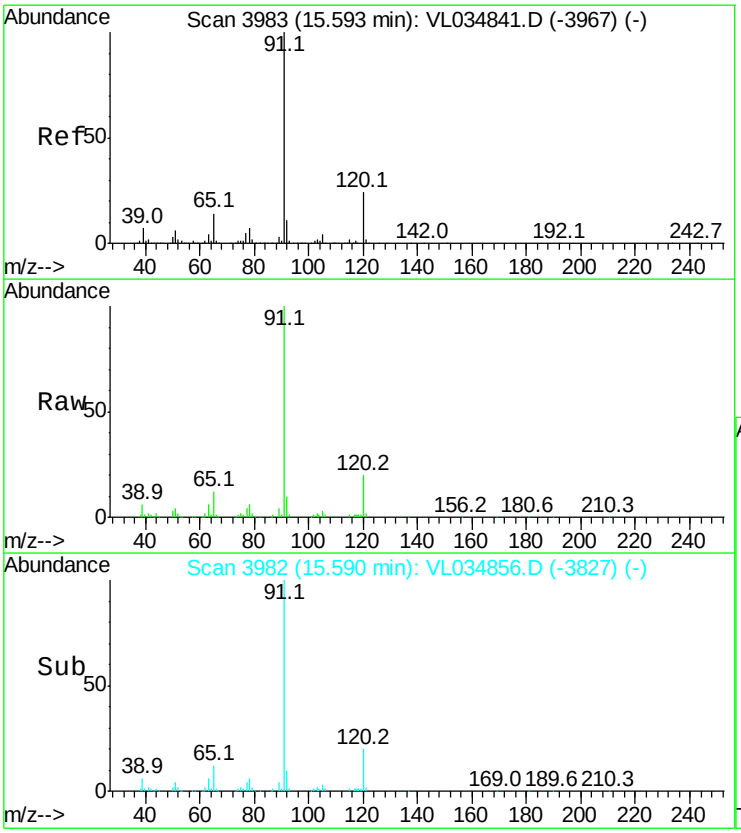
#63
1,1,2,2-Tetrachloroethane
Concen: 0.550 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 83 Resp: 80907

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	14.9
85	67.5	32.4	97.2

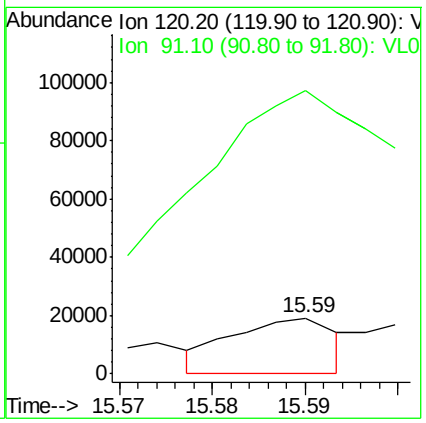


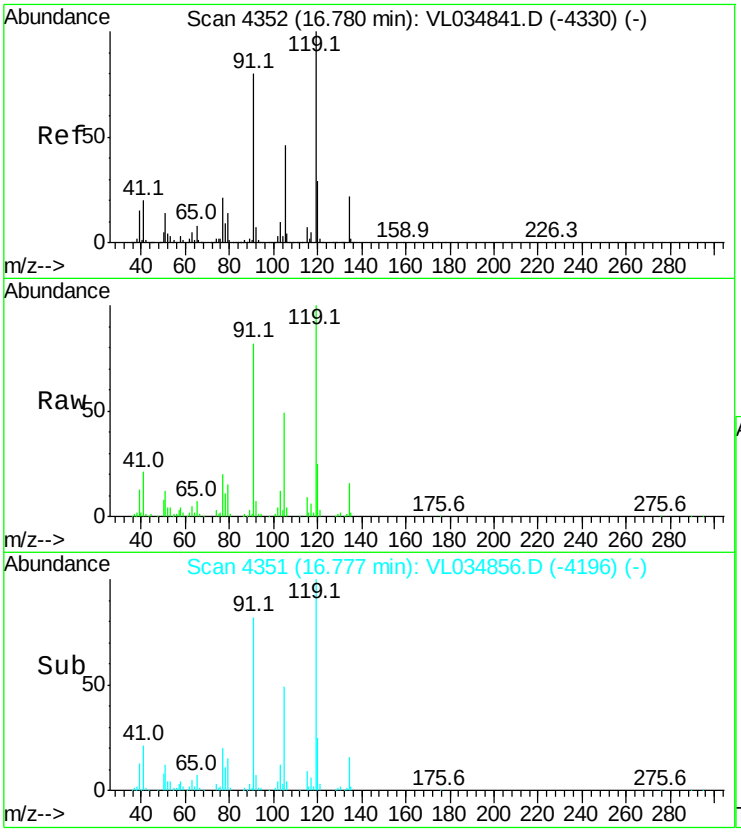


#64
n-propylbenzene
Concen: 0.174 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:120 Resp: 14805

Ion	Ratio	Lower	Upper
120	100		
91	1423.8	360.9	541.3#



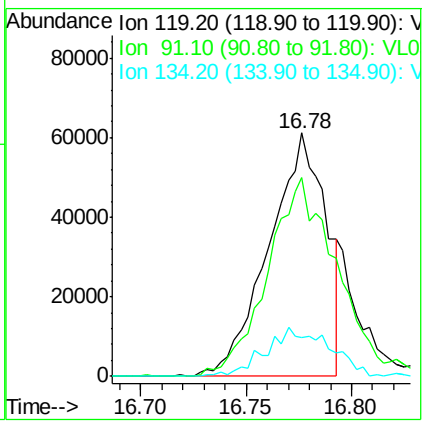


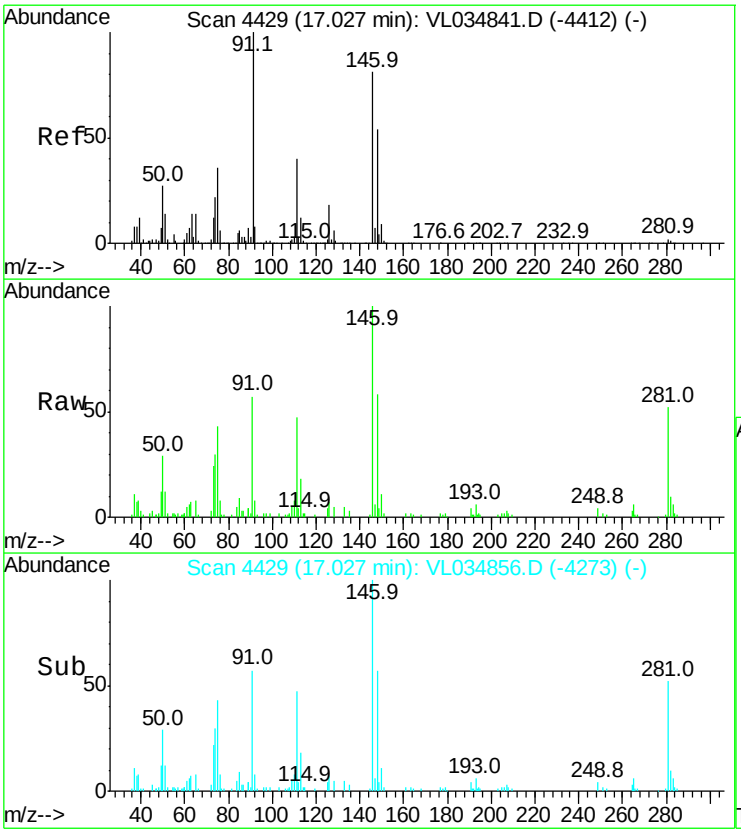
#65
tert-Butylbenzene
Concen: 0.400 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:119 Resp: 114439

Ion	Ratio	Lower	Upper
119	100		
91	102.8	64.9	97.3#
134	22.8	15.9	23.9

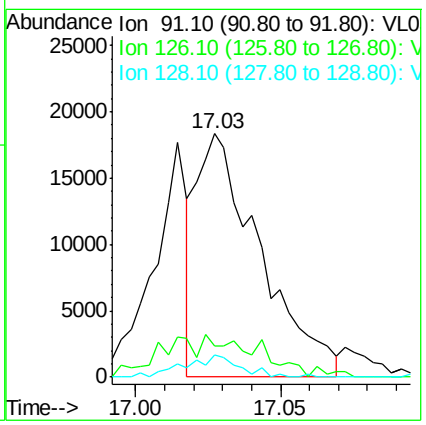


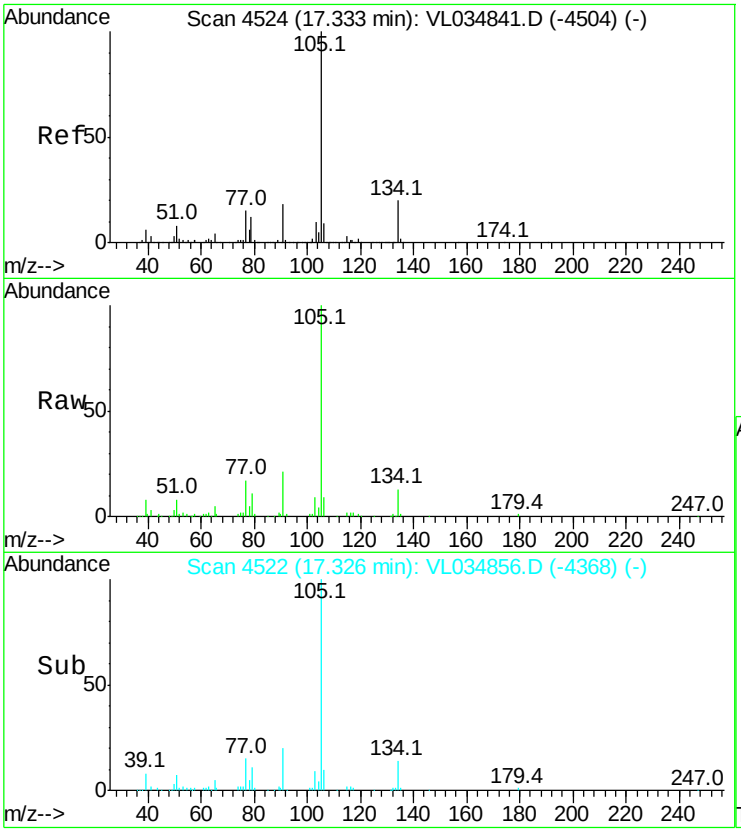


#66
Benzyl Chloride
Concen: 0.233 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 91 Resp: 27818

Ion	Ratio	Lower	Upper
91	100		
126	26.7	14.7	22.1#
128	7.9	4.7	7.1#



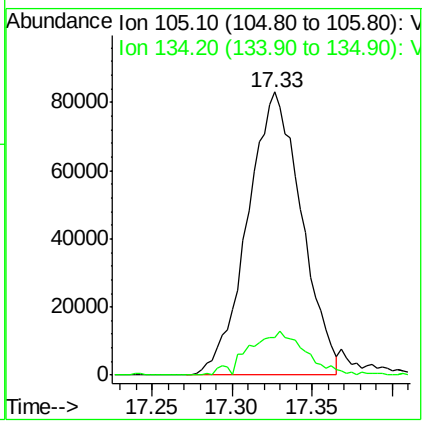


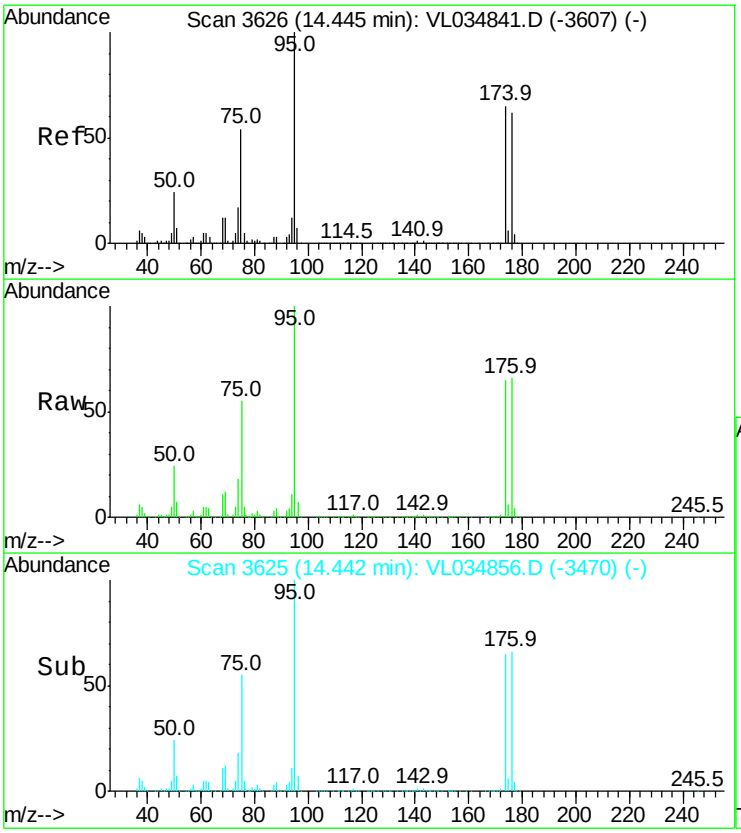
#67
sec-Butylbenzene
Concen: 0.487 ppbv
RT: 17.33 min Scan# 4522
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:105 Resp: 193437

Ion	Ratio	Lower	Upper
105	100		
134	16.3	15.0	22.6

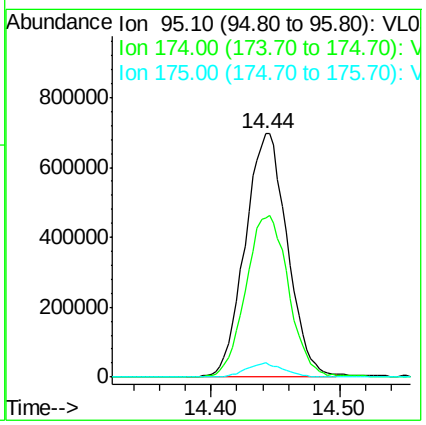


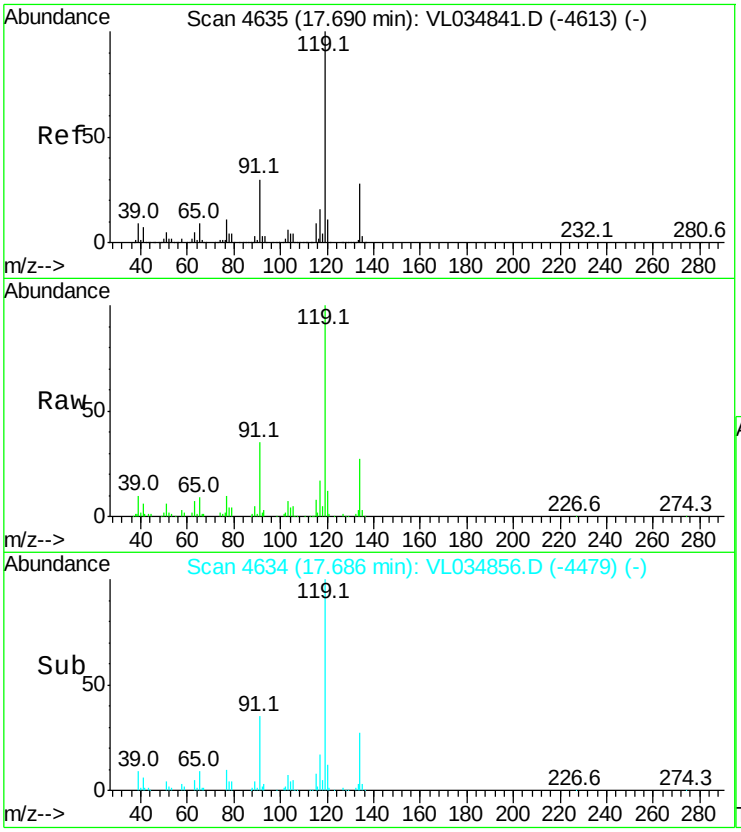


#68
1-Bromo-4-Fluorobenzene
Concen: 10.421 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 95 Resp: 1588561

Ion	Ratio	Lower	Upper
95	100		
174	67.4	55.2	82.8
175	5.2	4.3	6.5



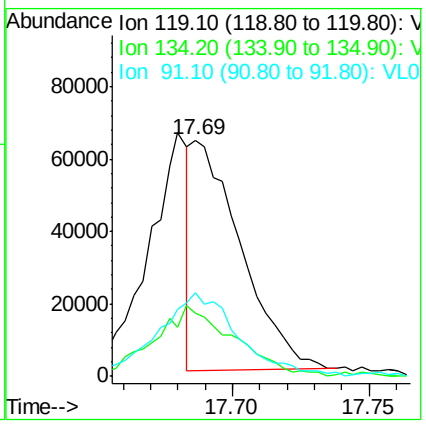


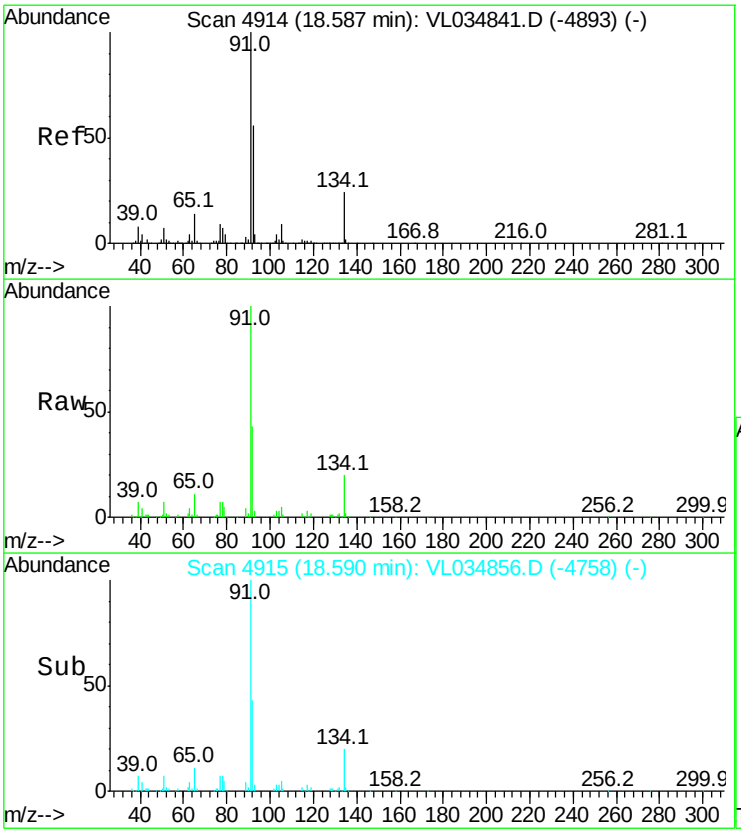
#69
p-Isopropyltoluene
Concen: 0.236 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:119 Resp: 78499

Ion	Ratio	Lower	Upper
119	100		
134	52.7	20.6	30.8#
91	61.6	23.4	35.2#

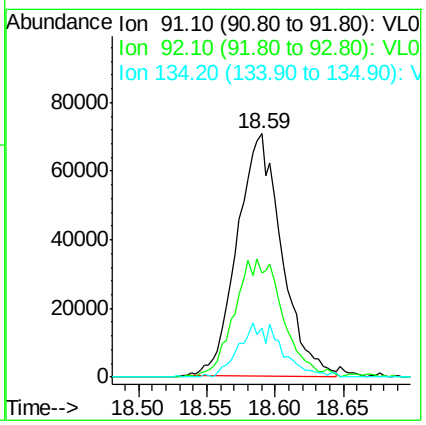


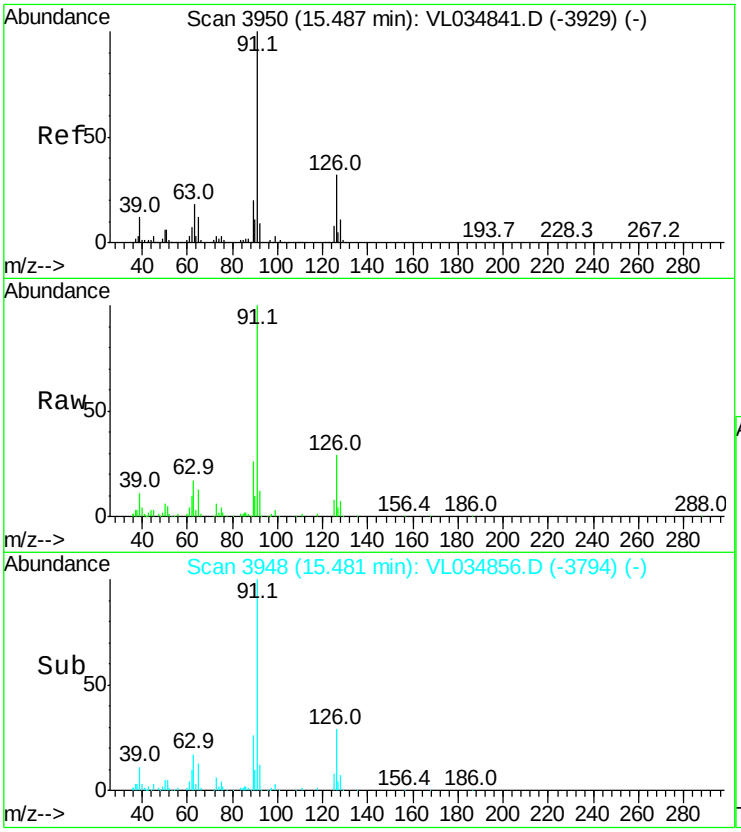


#70
n-Butylbenzene
Concen: 0.471 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. 0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion: 91 Resp: 159966

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.8	65.6
134	21.5	19.0	28.4



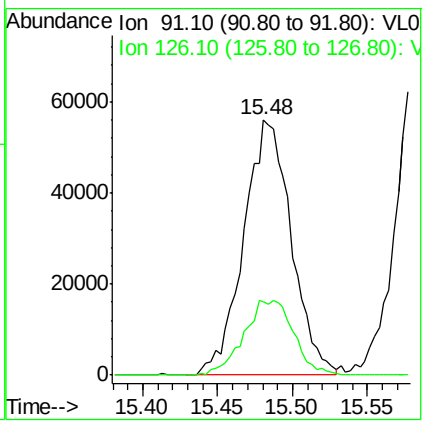


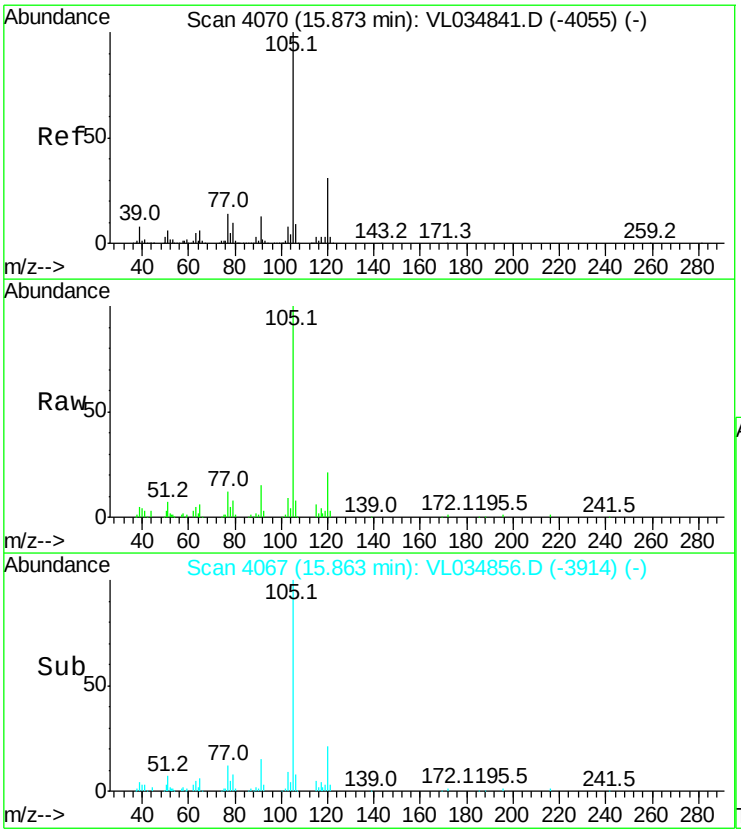
#71
2-Chlorotoluene
Concen: 0.501 ppbv
RT: 15.48 min Scan# 3948
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion: 91 Resp: 124168

Ion	Ratio	Lower	Upper
91	100		
126	30.7	12.3	49.1

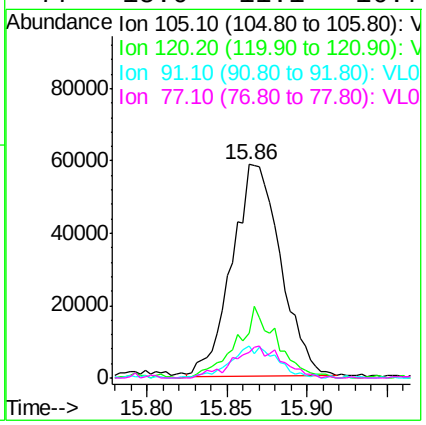


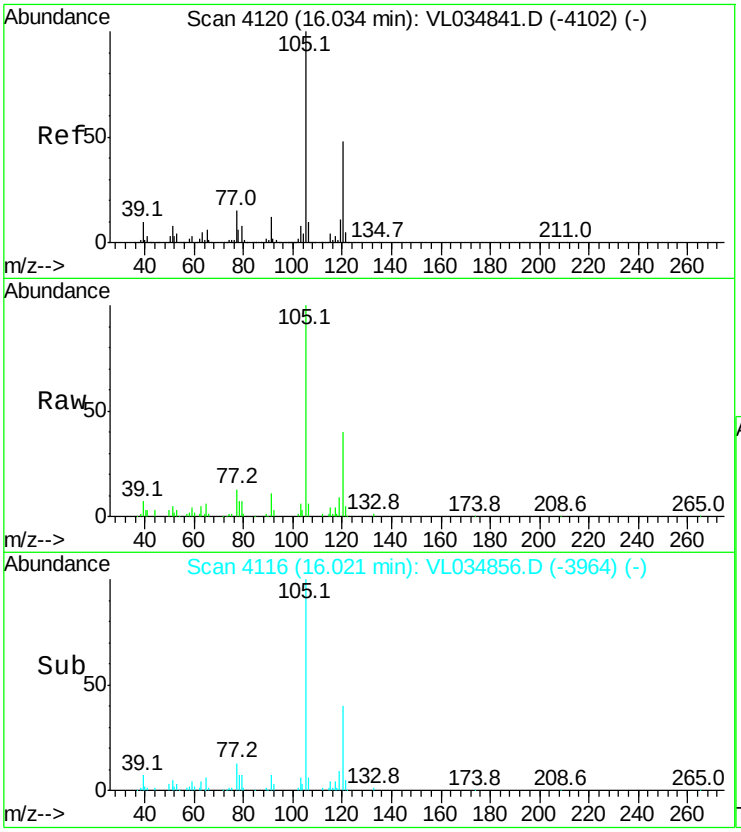


#72
4-Ethyltoluene
Concen: 0.479 ppbv
RT: 15.86 min Scan# 4067
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:105 Resp: 122487

Ion	Ratio	Lower	Upper
105	100		
120	28.0	23.7	35.5
91	14.4	10.5	15.7
77	15.0	11.1	16.7



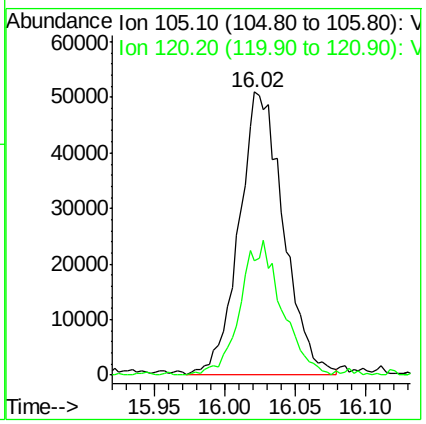


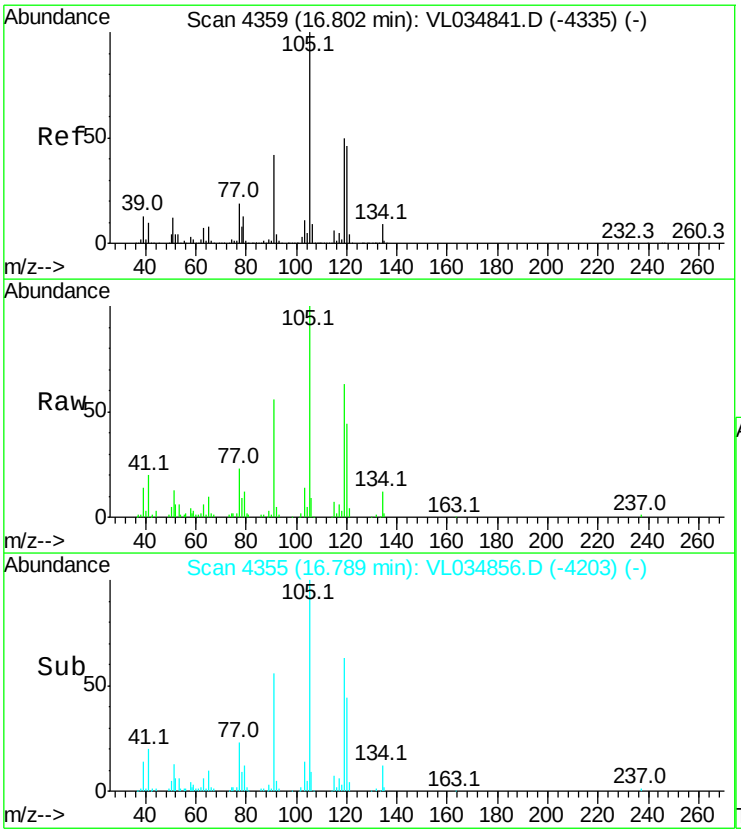
#73
1,3,5-Trimethylbenzene
Concen: 0.471 ppbv
RT: 16.02 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:105 Resp: 112780

Ion	Ratio	Lower	Upper
105	100		
120	40.3	38.6	58.0

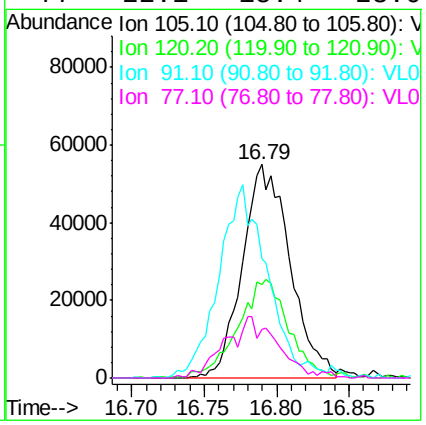


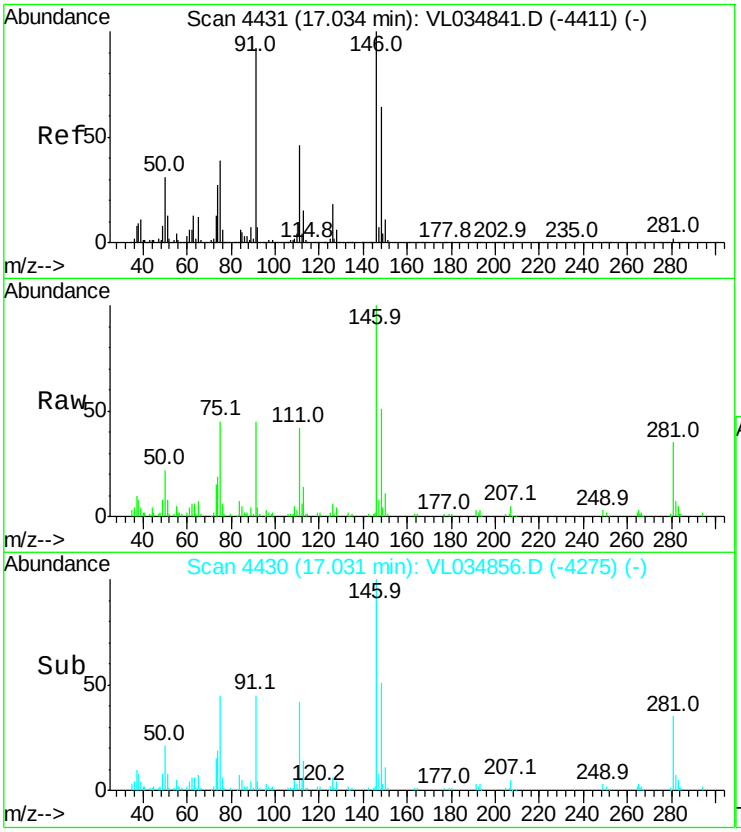


#74
1,2,4-Trimethylbenzene
Concen: 0.510 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:105 Resp: 125729

Ion	Ratio	Lower	Upper
105	100		
120	43.1	37.0	55.4
91	52.1	33.8	50.6#
77	22.1	15.4	23.0



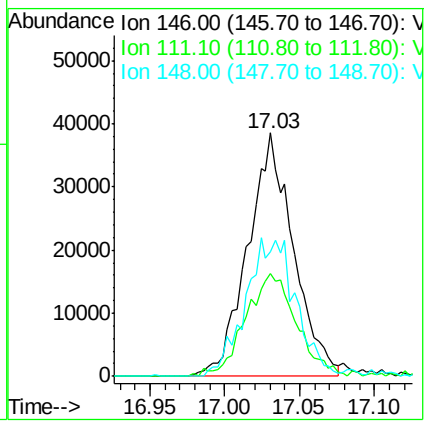


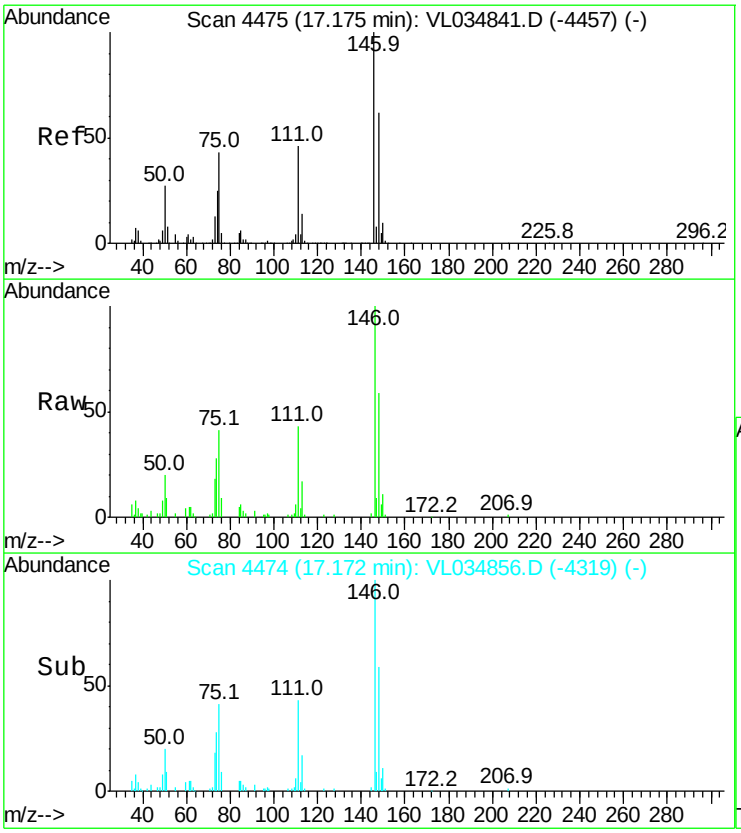
#75
1,3-Dichlorobenzene
Concen: 0.549 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:146 Resp: 81669

Ion	Ratio	Lower	Upper
146	100		
111	47.7	23.9	71.7
148	63.7	32.5	97.5

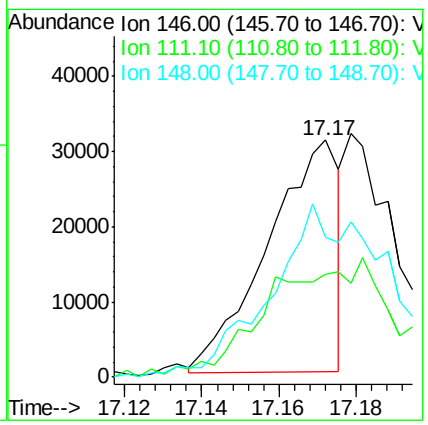


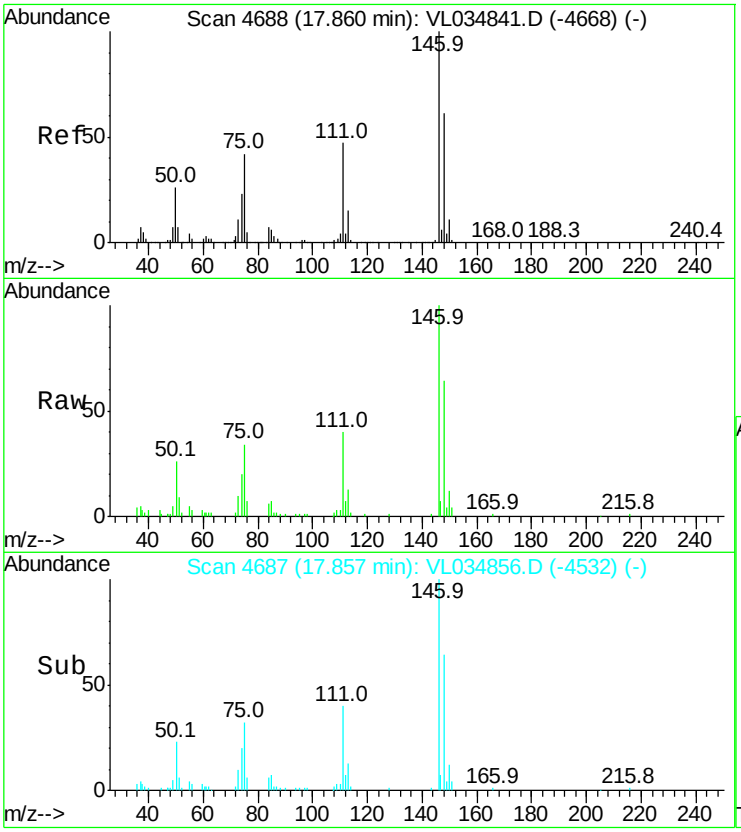


#76
1,4-Dichlorobenzene
Concen: 0.267 ppbv
RT: 17.17 min Scan# 4474
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:146 Resp: 39600

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.2#
148	128.5	32.3	96.9#



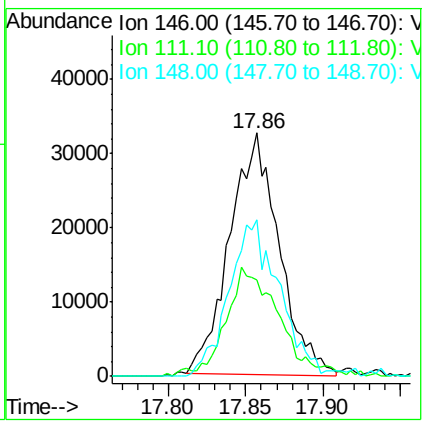


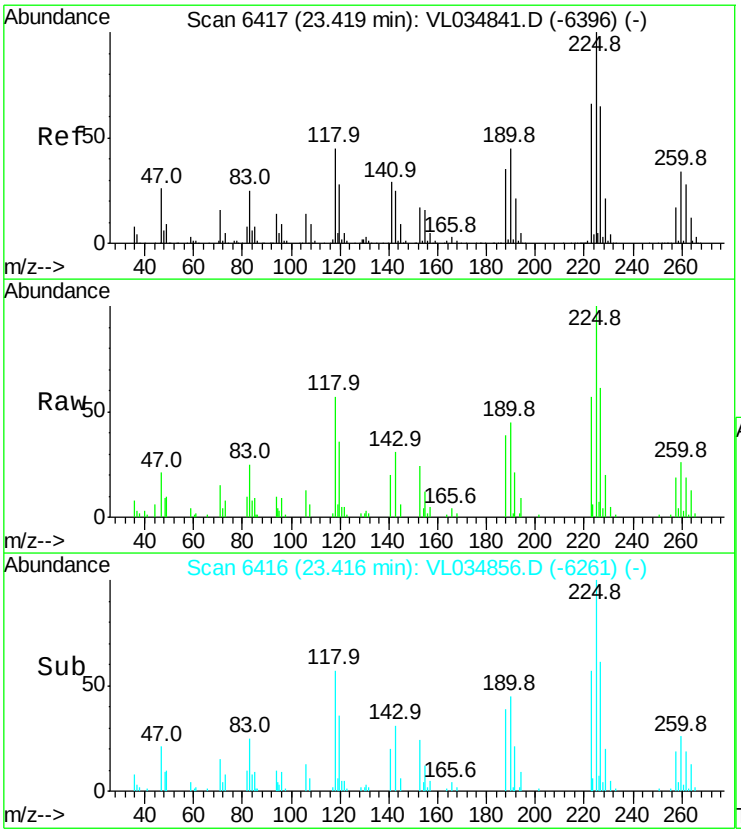
#77
1,2-Dichlorobenzene
Concen: 0.500 ppbv
RT: 17.86 min Scan# 4687
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:146 Resp: 72069

Ion	Ratio	Lower	Upper
146	100		
111	49.1	23.8	71.4
148	67.6	31.6	94.8

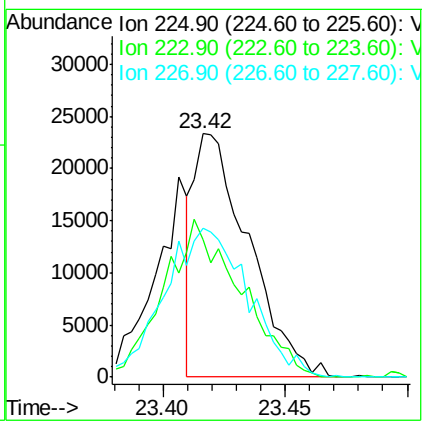


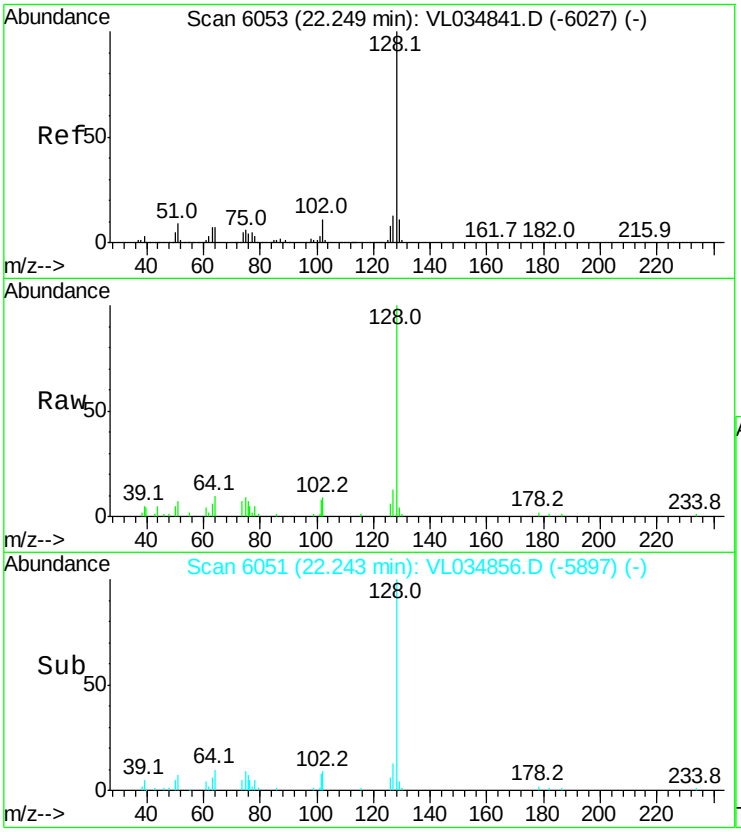


#78
Hexachloro-1,3-Butadiene
Concen: 0.301 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. -0.00 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:225 Resp: 36291

Ion	Ratio	Lower	Upper
225	100		
223	91.9	51.1	76.7#
227	94.4	51.8	77.6#



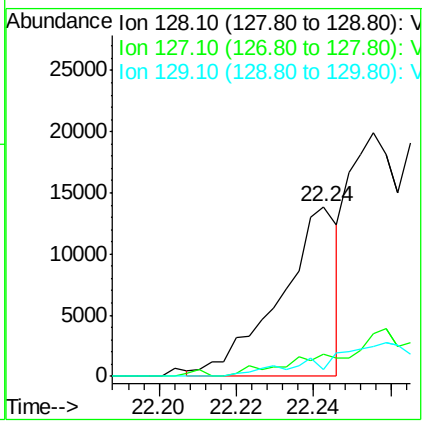


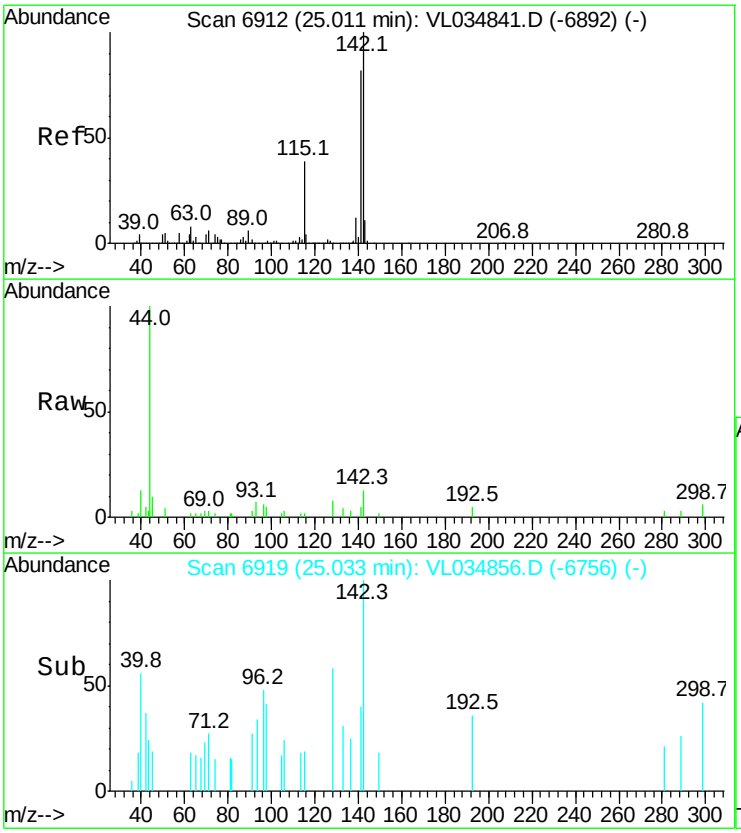
#79
Naphthalene
Concen: 0.075 ppbv
RT: 22.24 min Scan# 6051
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:128 Resp: 14430

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	4.1	8.6	13.0#

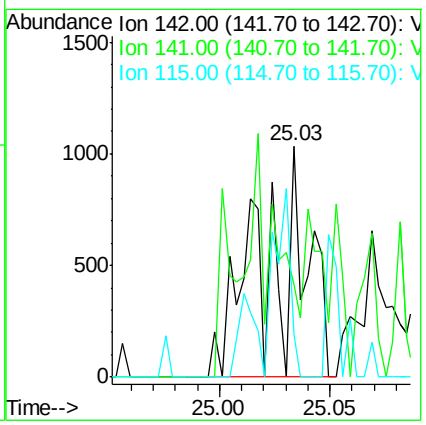


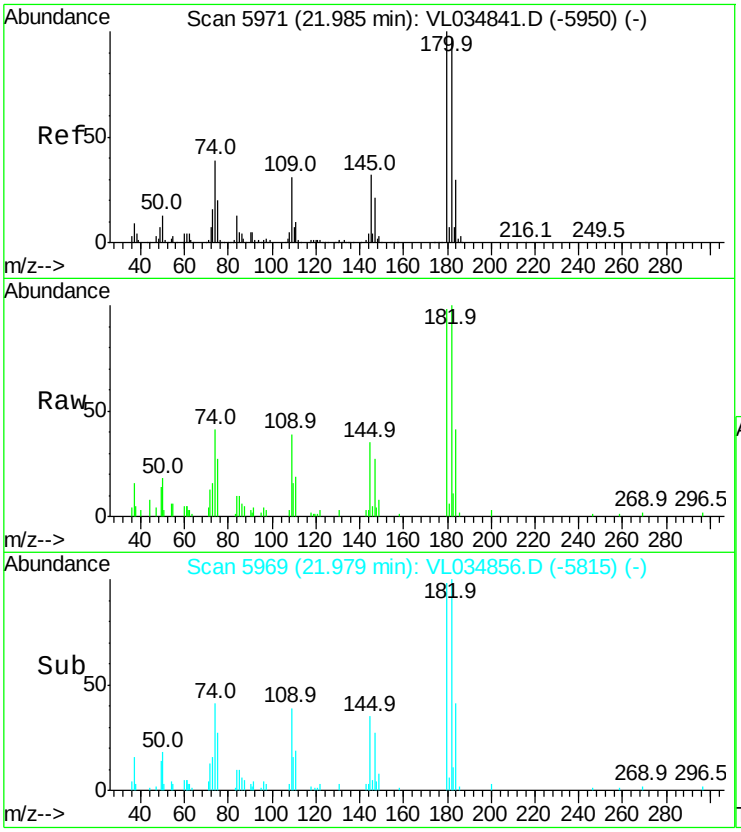


#80
Naphthalene,2-methyl-
Concen: 0.028 ppbv
RT: 25.03 min Scan# 6919
Delta R.T. 0.02 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

Tgt Ion:142 Resp: 1420

Ion	Ratio	Lower	Upper
142	100		
141	85.5	68.9	103.3
115	43.9	33.2	49.8





#81
1,2,4-Trichlorobenzene
Concen: 0.083 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. -0.01 min
Lab File: VL034856.D
Acq: 10 Mar 2020 2:28

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

Tgt Ion:180 Resp: 10137

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.6	115.0#
184	137.1	25.0	37.4#