Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036905.D
Acq On : 6 May 2021 16:04
Operator : SY/AP
Sample : M2262-14 0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2021

Quant Time: May 07 08:12:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1350685	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3339713	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2916108	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2405117	10.27	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	159634	0.750	ppbv		97
3) Chlorodifluoromethane	2.99	51	164371	0.668	ppbv		98
4) Chloromethane	3.14	50	56149	0.694	ppbv	#	87
5) Vinyl Chloride	3.26	62	42538	0.522	ppbv		90
6) Bromomethane	3.48	94	26752	0.610	ppbv		91
7) Chloroethane	3.56	64	15228	0.568	ppbv		93
8) Dichlorotetrafluoroethane	3.19	85	137454	0.708	ppbv		96
9) Propene	3.02	41	37204	0.496	ppbv		86
10) Heptane	8.13	43	73180	0.388	ppbv	#	84
11) Trichlorofluoromethane	3.95	101	116302	0.613	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	79136	0.623	ppbv		99
13) Ethanol	3.62	45	756	0.079	ppbv	#	34
14) Bromoethene	3.75	108	26051	0.502	ppbv	#	72
15) Acetone	3.87	43	26677	0.210	ppbv	#	48
16) 1,3-Butadiene	3.33	39	18289	0.225	ppbv	#	12
18) 1,1-Dichloroethene	4.30	96	28751	0.521	ppbv		94
19) Isopropyl Alcohol	4.00	45	7987	0.127	ppbv	#	89
20) Methylene Chloride	4.34	84	14633	0.240	ppbv		86
21) Allyl Chloride	4.42	41	50167	0.530	ppbv		89
22) trans-1,2-Dichloroethene	4.89	96	14962	0.270	ppbv		90
23) Vinyl Acetate	5.09	43	28989	0.167	ppbv	#	77
24) 1,1-Dichloroethane	5.02	63	84089	0.684	ppbv		97
25) Ethyl Acetate	5.70	43	164768	0.530	ppbv		98
26) Hexane	5.69	57	68856	0.473	ppbv	#	80
27) Carbon Disulfide	4.56	76	62271	0.493	ppbv	#	78
28) Methyl tert-Butyl Ether	5.06	73	51243	0.397	ppbv	#	70
29) Chloroform	5.76	83	136685	0.603	ppbv		89
30) Cyclohexane	7.14	84	17501	0.152	ppbv	#	1
31) cis-1,2-Dichloroethene	5.55	61	27741	0.212	ppbv	#	91
32) 1,1,1-Trichloroethane	6.51	97	138017	0.598	ppbv		96
34) 2-Butanone	5.27	43	33971	0.232	ppbv	#	42
35) Carbon Tetrachloride	7.02	117	146228	0.645	ppbv		96
36) Benzene	6.90	78	115180	0.409	ppbv		97
37) 1,2-Dichloroethane	6.31	62	43209	0.271	ppbv	#	82
38) Trichloroethene	7.84	130	44843	0.448	ppbv		93
39) 1,2-Dichloropropane	7.62	63	56830	0.504	ppbv	#	87
42) Bromodichloromethane	7.79	83	137376	0.621	ppbv		98
43) Methyl Methacrylate	8.02	69	23770	0.259	ppbv	#	70
44) 2,2,4-Trimethylpentane	7.88	57	218729	0.454	ppbv	#	83
45) t-1,3-Dichloropropene	9.28	75	16288	0.165	ppbv		94
46) cis-1,3-Dichloropropene	8.71	75	16411	0.129	ppbv	#	63

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036905.D
Acq On : 6 May 2021 16:04
Operator : SY/AP
Sample : M2262-14 0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Quant Time: May 07 08:12:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
47) 1,1,2-Trichloroethane	9.48	97	63636	0.545 ppbv		90
48) Dibromochloromethane	10.31	129	57720	0.334 ppbv	#	47
49) Bromoform	13.04	173	71375	0.517 ppbv		90
52) Tetrachloroethene	11.22	164	22450	0.234 ppbv		94
53) Toluene	9.81	91	60184	0.204 ppbv	#	50
54) 1,2-Dibromoethane	10.62	107	29106	0.177 ppbv		86
56) 1,1,1,2-Tetrachloroethane	12.12	131	79637	0.651 ppbv	#	1
57) Chlorobenzene	12.15	112	143308	0.631 ppbv		91
58) Ethyl Benzene	12.72	91	69329	0.187 ppbv		93
59) m/p-Xylene	13.01	91	144756	0.438 ppbv	#	35
60) o-Xylene	13.70	91	144732	0.453 ppbv		98
61) Styrene	13.53	104	27021	0.180 ppbv	#	50
62) Isopropylbenzene	14.67	105	210388	0.484 ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.68	83	100518	0.392 ppbv	#	41
64) n-propylbenzene	15.57	120	29351	0.271 ppbv	#	1
65) tert-Butylbenzene	16.76	119	161102	0.419 ppbv	#	79
66) Benzyl Chloride	16.98	91	2224	0.059 ppbv	#	1
67) sec-Butylbenzene	17.30	105	236246	0.442 ppbv		99
69) p-Isopropyltoluene	17.67	119	165202	0.386 ppbv	#	93
70) n-Butylbenzene	18.56	91	157282	0.365 ppbv		97
71) 2-Chlorotoluene	15.46	91	73812	0.229 ppbv	#	57
72) 4-Ethyltoluene	15.84	105	71671	0.209 ppbv	#	51
73) 1,3,5-Trimethylbenzene	16.00	105	61074	0.184 ppbv		91
74) 1,2,4-Trimethylbenzene	16.77	105	168372	0.476 ppbv		94
75) 1,3-Dichlorobenzene	17.00	146	103146	0.494 ppbv		89
76) 1,4-Dichlorobenzene	17.15	146	88760	0.434 ppbv		89
77) 1,2-Dichlorobenzene	17.83	146	57862	0.284 ppbv	#	26
78) Hexachloro-1,3-Butadiene	23.39	225	65080	0.375 ppbv	#	45
79) Naphthalene	22.21	128	19383	0.098 ppbv	#	81
81) 1,2,4-Trichlorobenzene	21.93	180	20117	0.157 ppbv	#	8

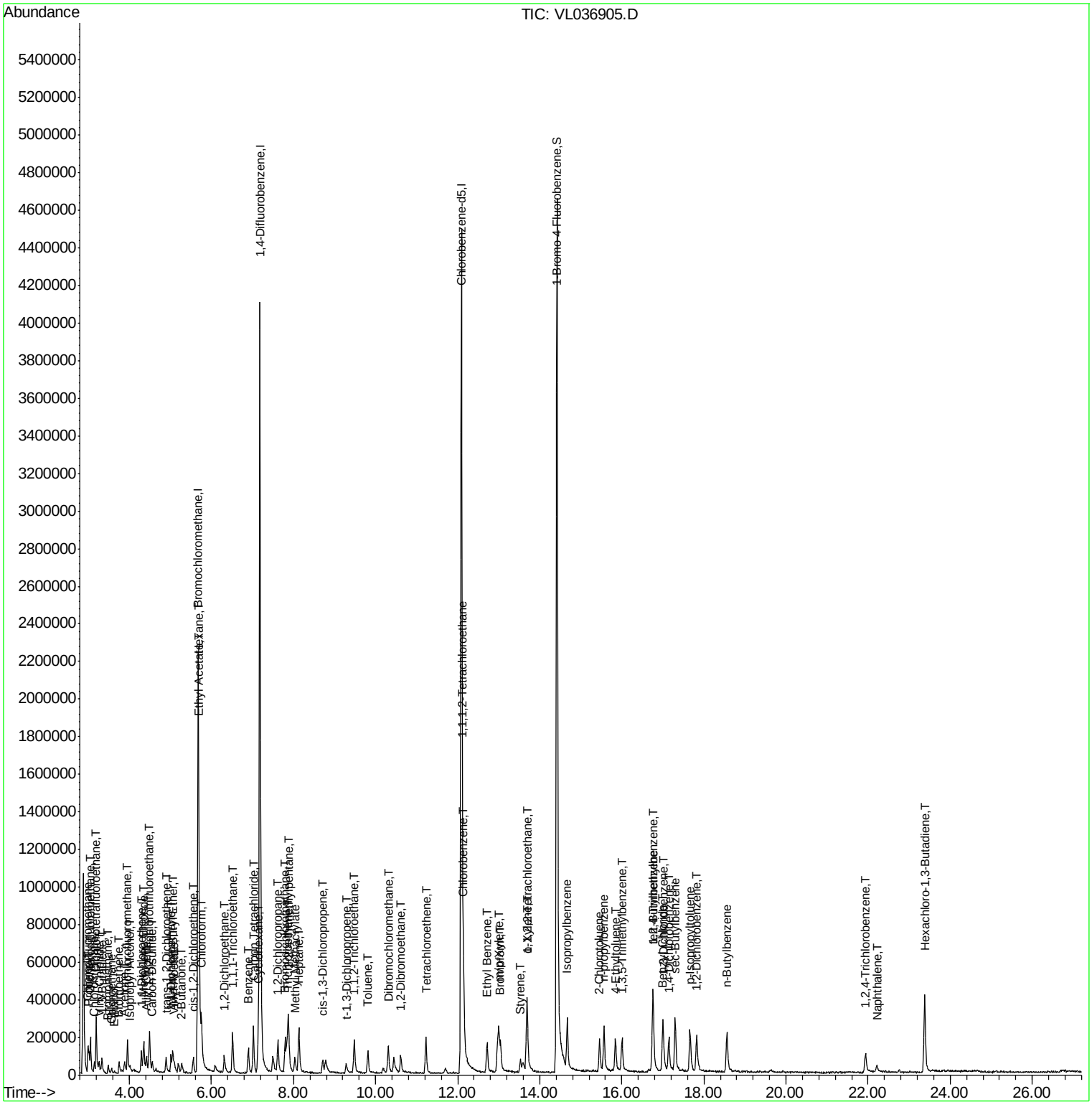
(#) = qualifier out of range (m) = manual integration (+) = signals summed

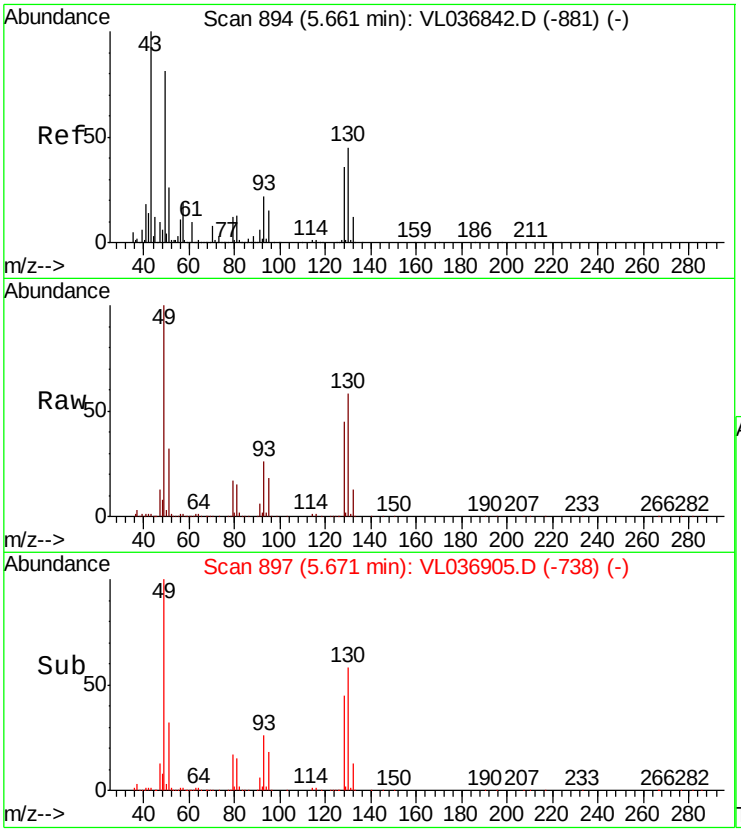
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036905.D
Acq On : 6 May 2021 16:04
Operator : SY/AP
Sample : M2262-14 0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Quant Time: May 07 08:12:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration



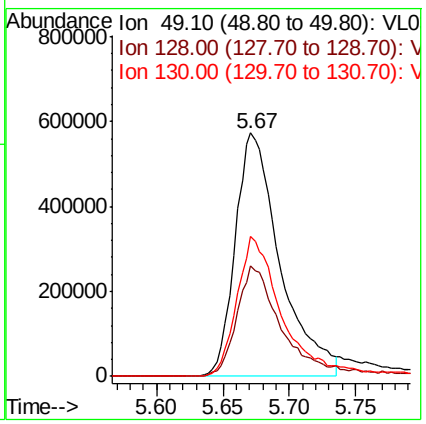


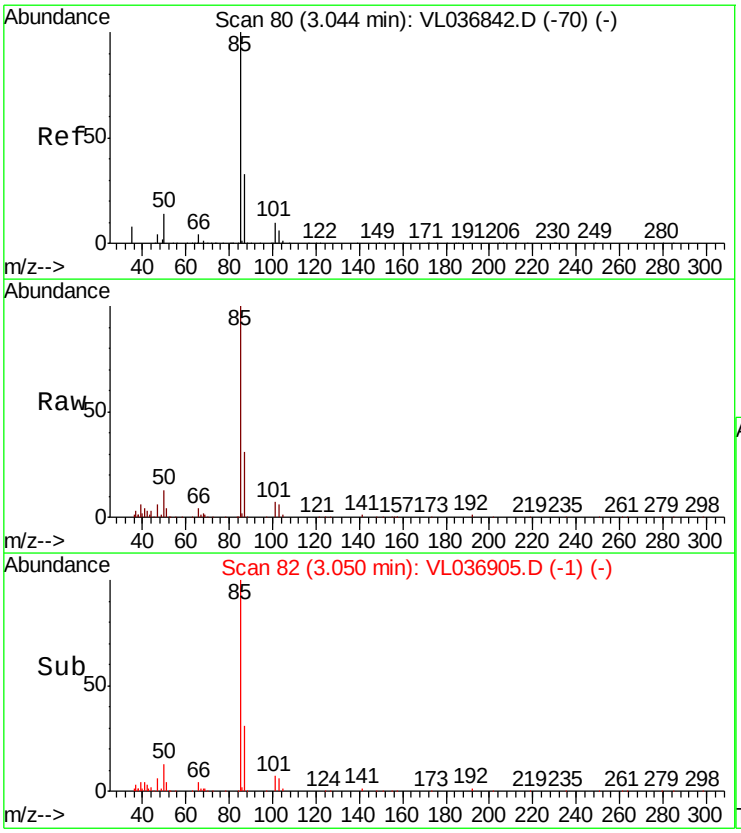
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 49 Resp: 1350685

Ion	Ratio	Lower	Upper
49	100		
128	47.5	24.4	73.2
130	60.4	30.3	90.8

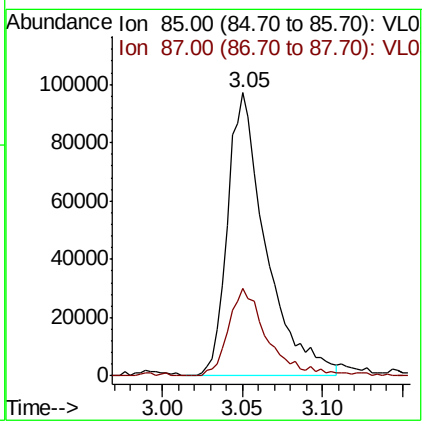


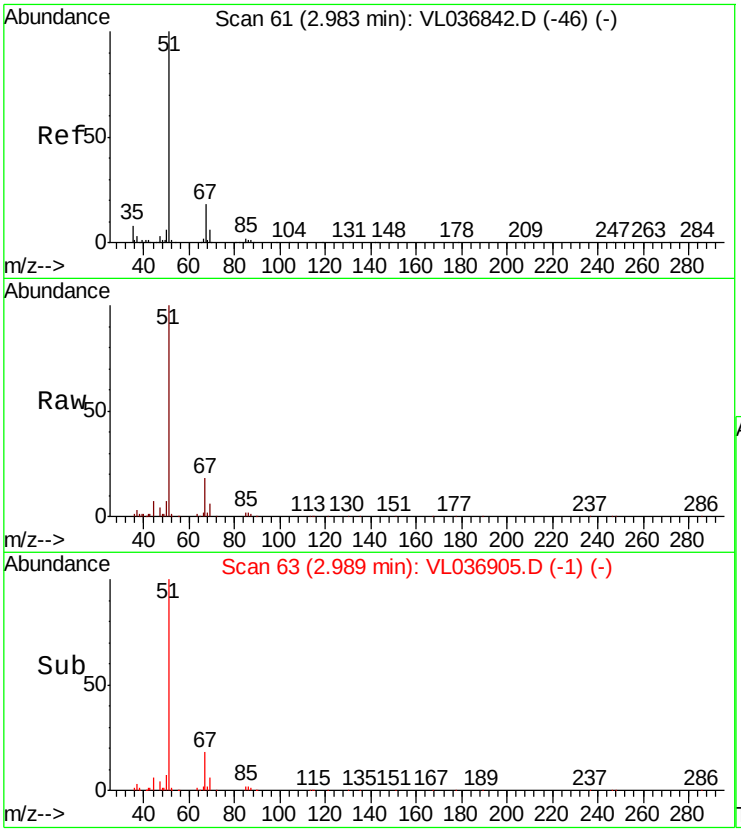


#2
Dichlorodifluoromethane
Concen: 0.750 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 85 Resp: 159634

Ion	Ratio	Lower	Upper
85	100		
87	30.8	26.2	39.2



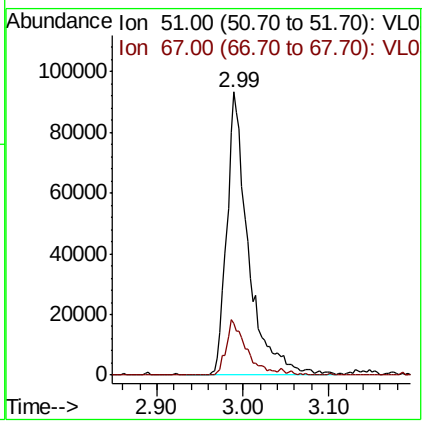


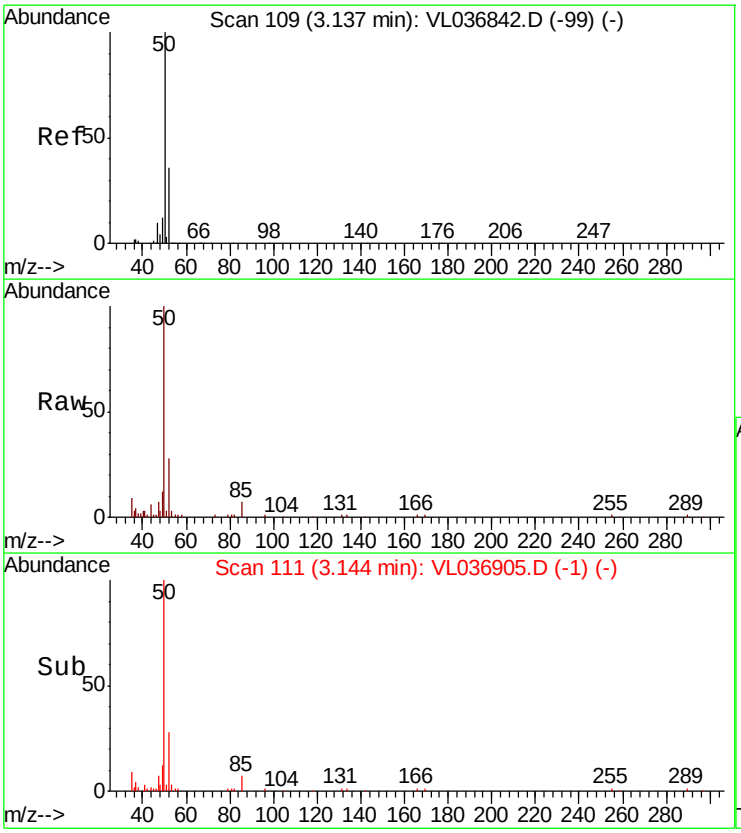
#3
Chlorodifluoromethane
Concen: 0.668 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 51 Resp: 164371

Ion	Ratio	Lower	Upper
51	100		
67	19.3	14.8	22.2

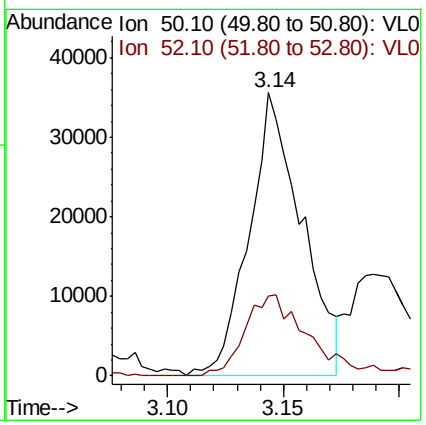


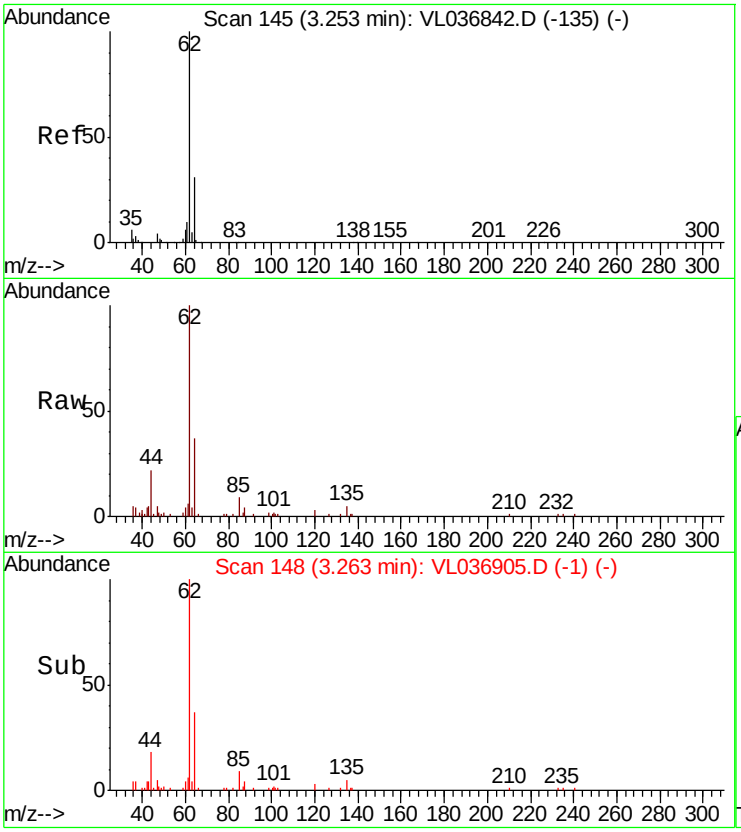


#4
Chloromethane
Concen: 0.694 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 50 Resp: 56149

Ion	Ratio	Lower	Upper
50	100		
52	28.1	28.5	42.7#



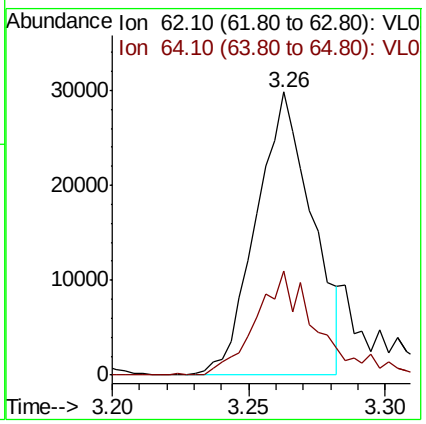


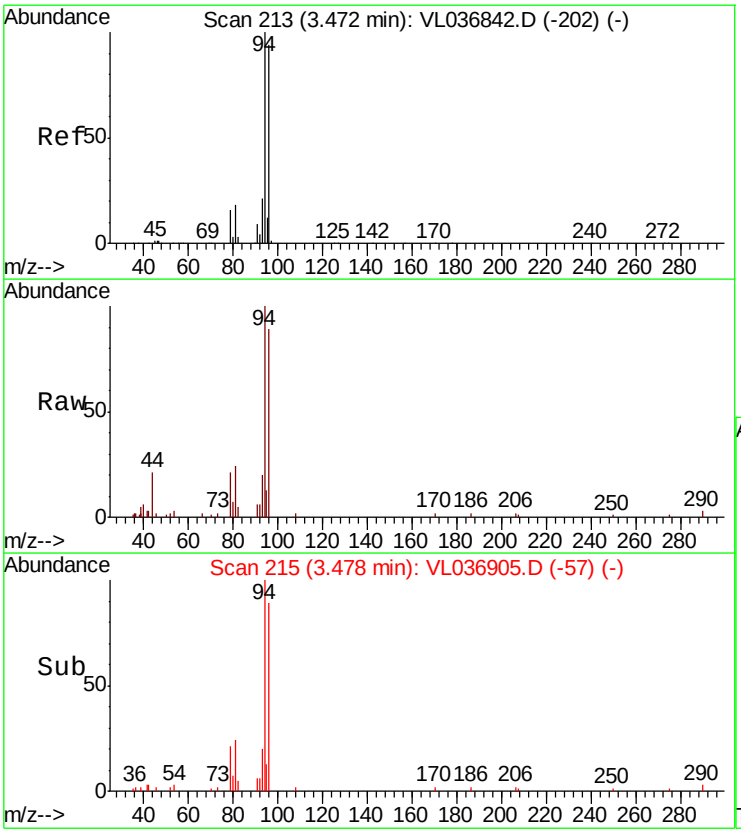
#5
Vinyl Chloride
Concen: 0.522 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 62 Resp: 42538

Ion	Ratio	Lower	Upper
62	100		
64	37.0	25.0	37.4

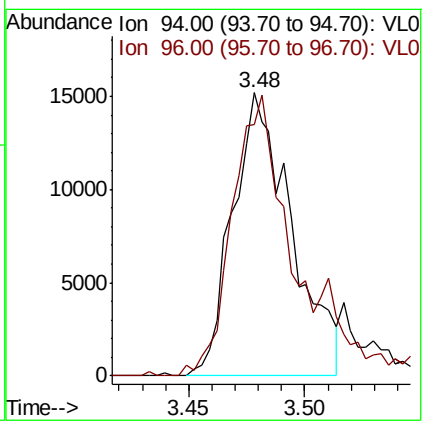


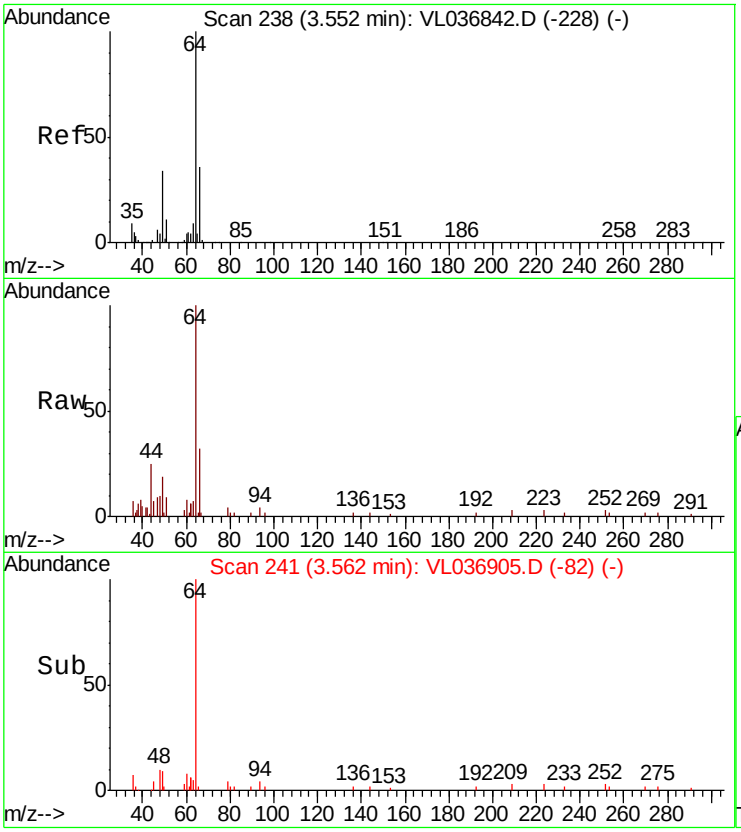


#6
Bromomethane
Concen: 0.610 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 94 Resp: 26752

Ion	Ratio	Lower	Upper
94	100		
96	85.2	75.4	113.0



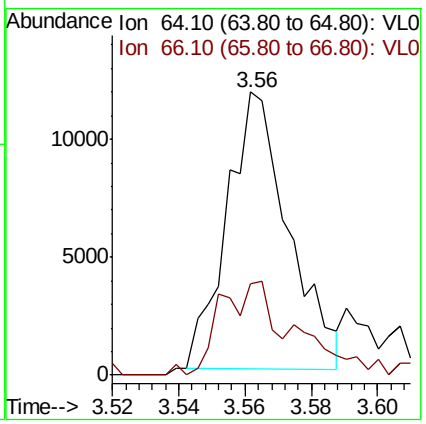


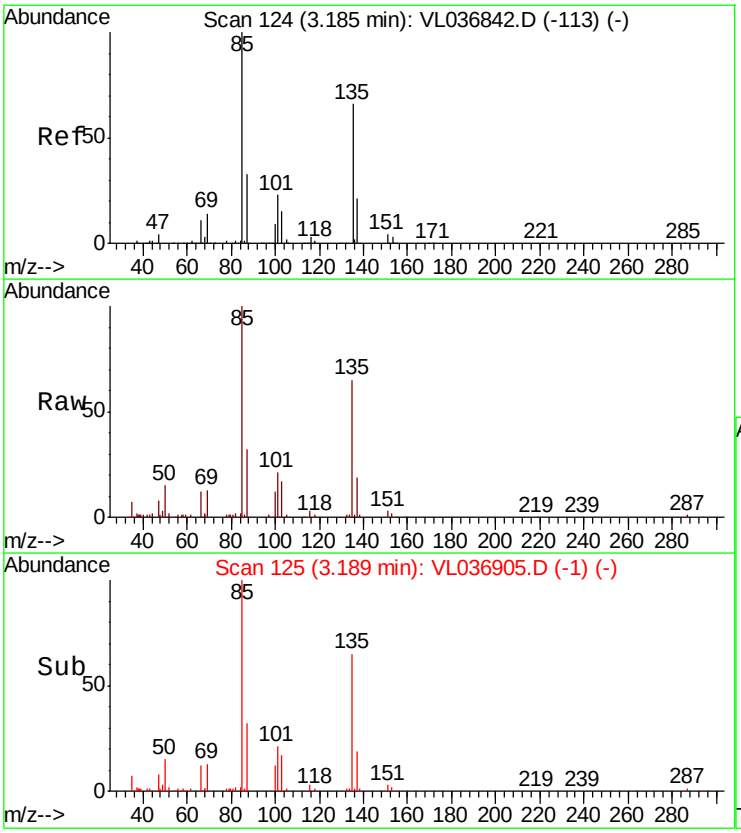
#7
Chloroethane
Concen: 0.568 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 64 Resp: 15228

Ion	Ratio	Lower	Upper
64	100		
66	32.2	29.0	43.6

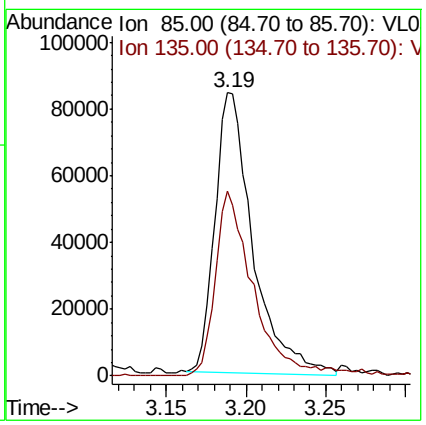


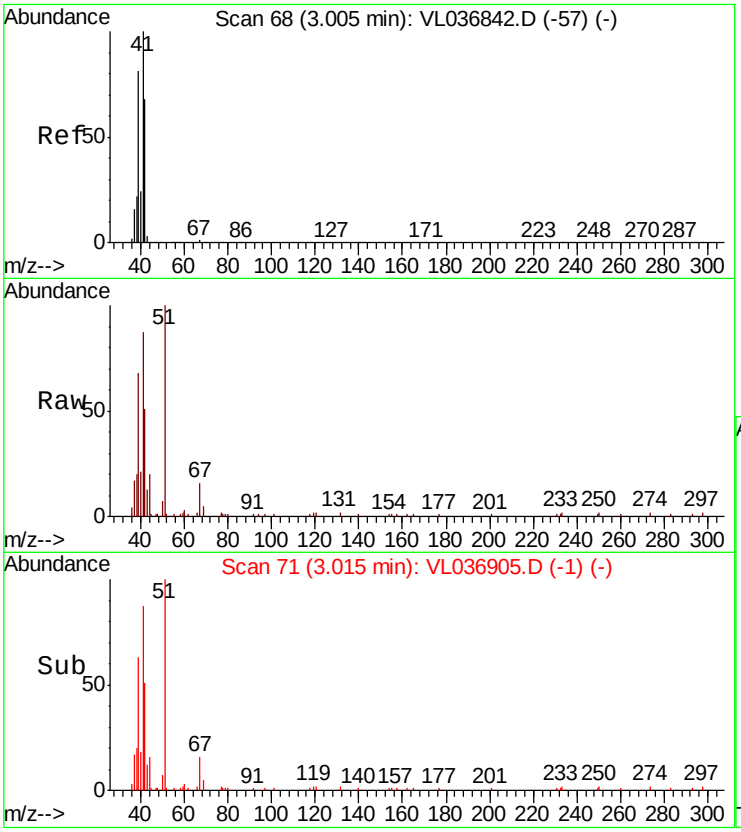


#8
Dichlorotetrafluoroethane
Concen: 0.708 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 85 Resp: 137454

Ion	Ratio	Lower	Upper
85	100		
135	67.2	56.2	84.4



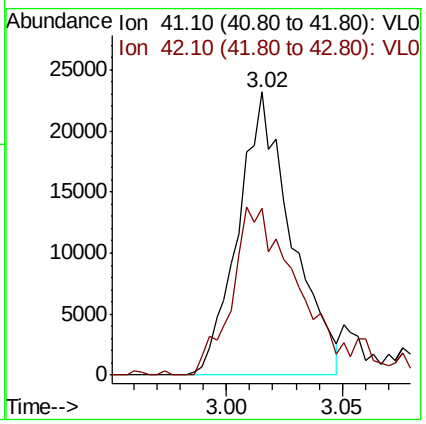


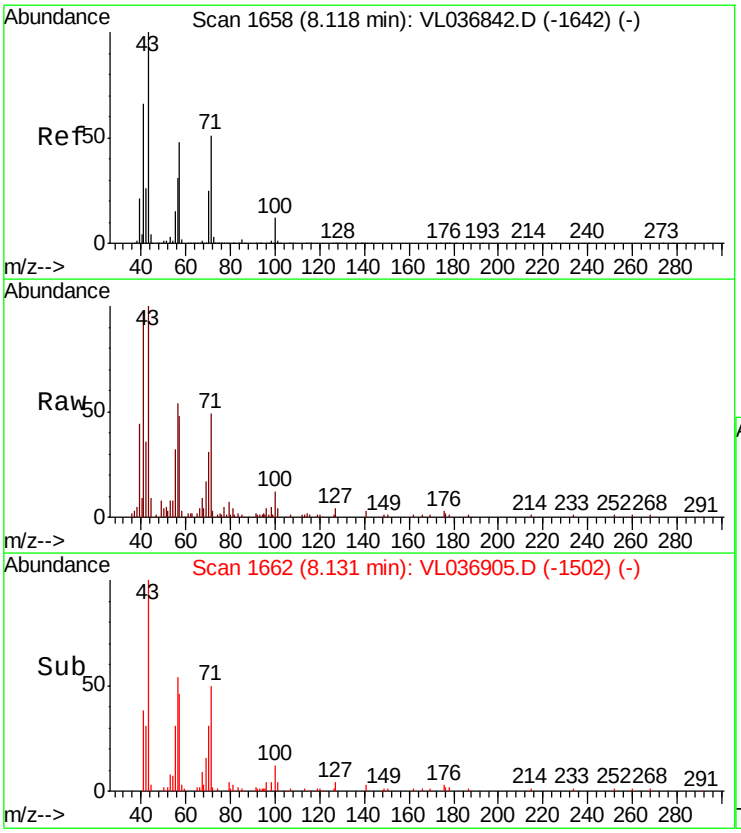
#9
Propene
Concen: 0.496 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 41 Resp: 37204

Ion	Ratio	Lower	Upper
41	100		
42	81.7	56.0	84.0

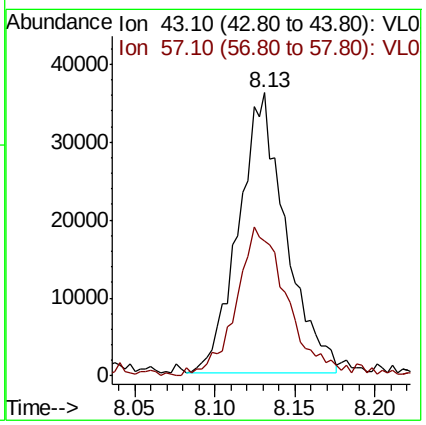


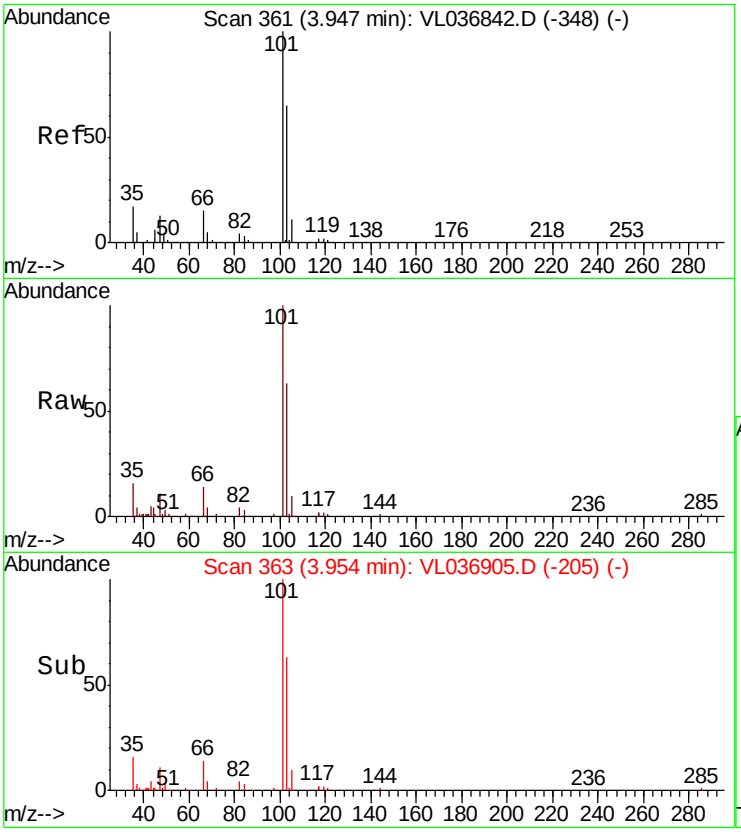


#10
Heptane
Concen: 0.388 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 43 Resp: 73180

Ion	Ratio	Lower	Upper
43	100		
57	59.5	38.8	58.2#



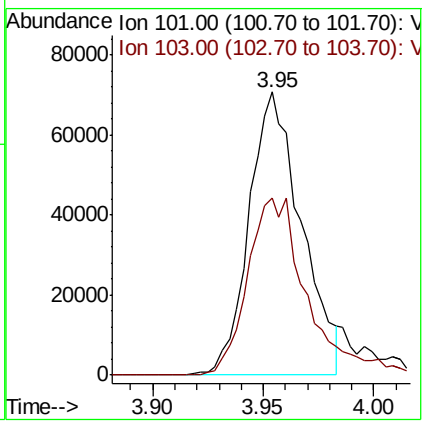


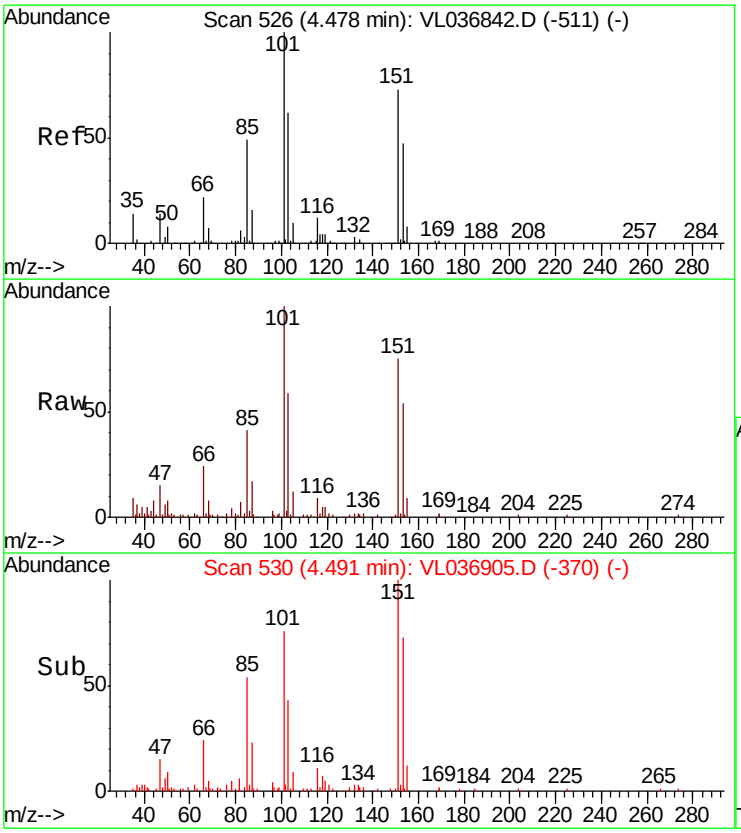
#11
Trichlorofluoromethane
Concen: 0.613 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:101 Resp: 116302

Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.6	77.4

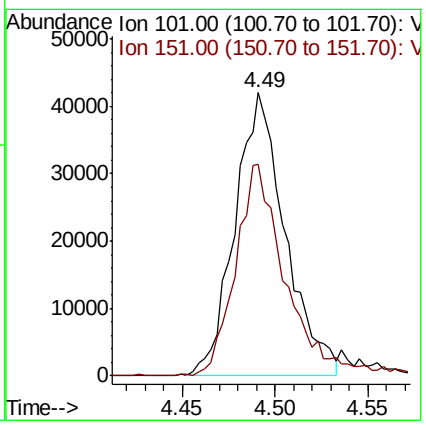


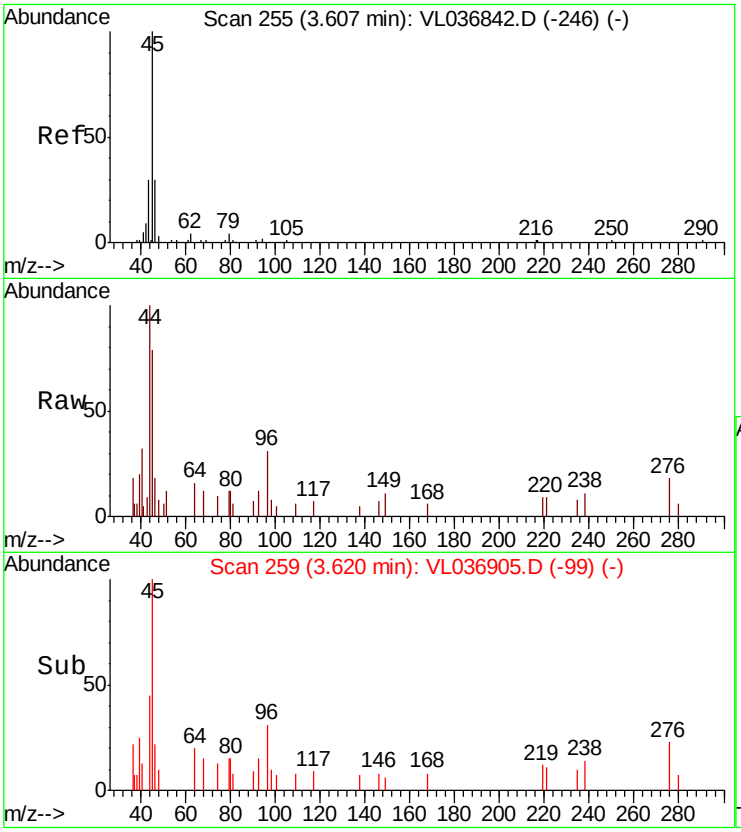


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.623 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:101 Resp: 79136

Ion	Ratio	Lower	Upper
101	100		
151	75.4	61.1	91.7



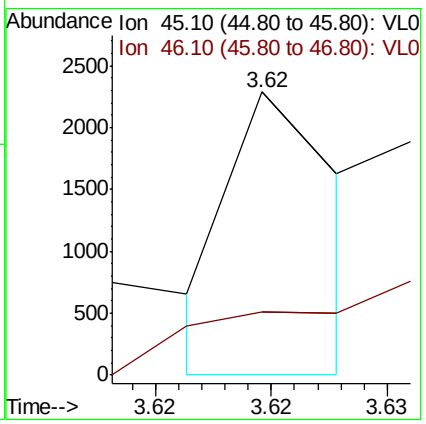


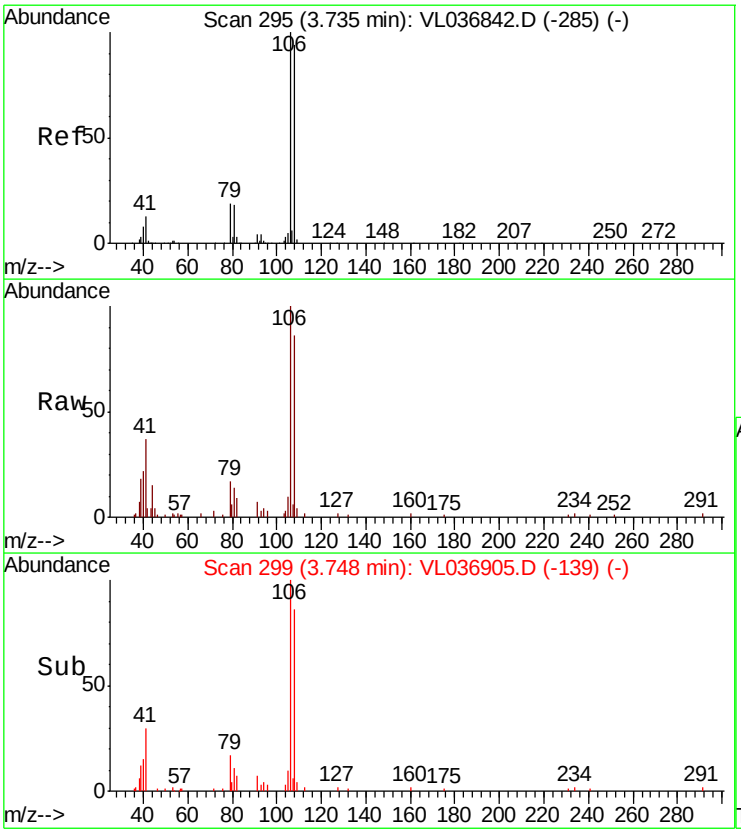
#13
Ethanol
Concen: 0.079 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 45 Resp: 756

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.4#

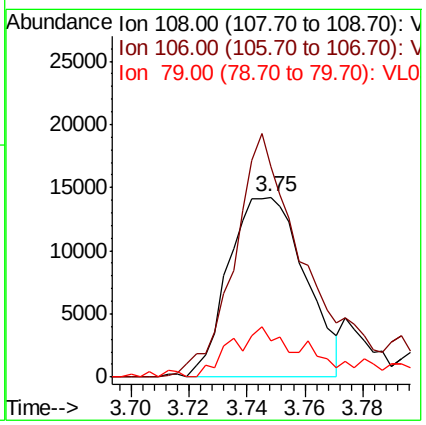


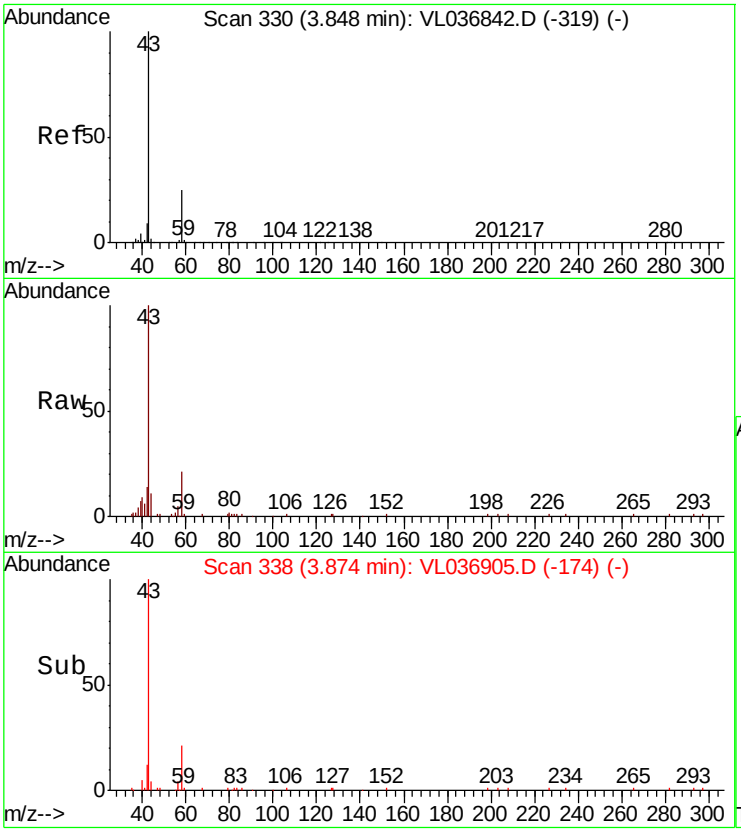


#14
Bromoethene
Concen: 0.502 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:108 Resp: 26051

Ion	Ratio	Lower	Upper
108	100		
106	140.8	88.5	132.7#
79	34.1	17.9	26.9#



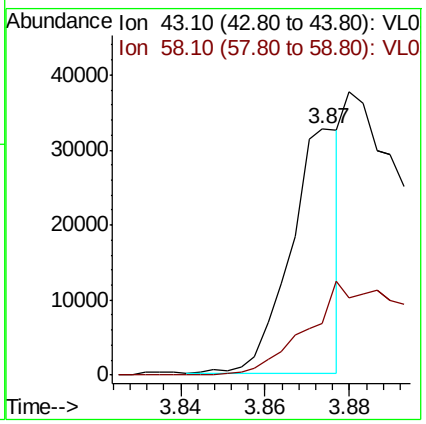


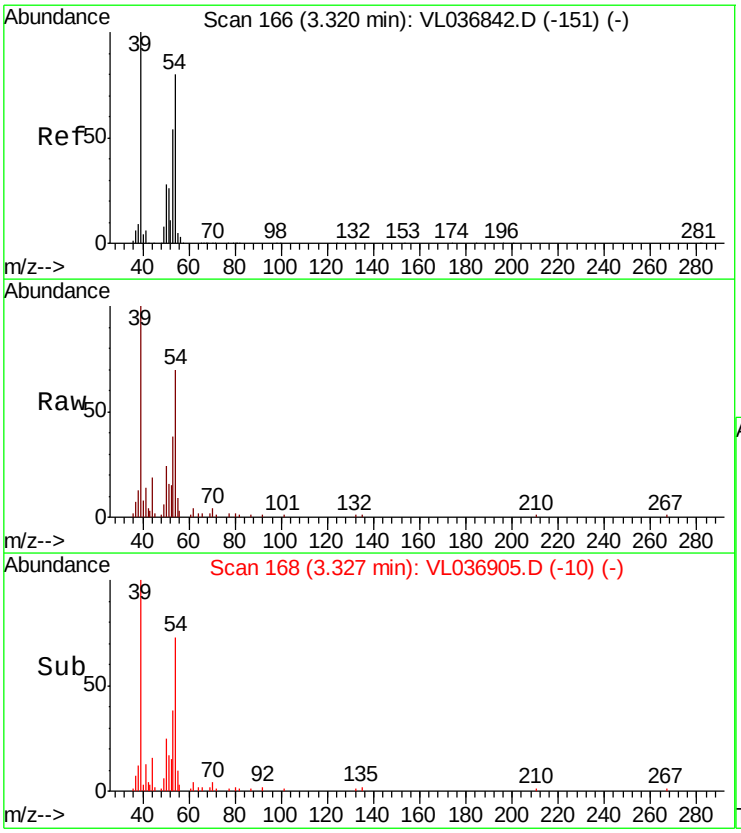
#15
Acetone
Concen: 0.210 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 43 Resp: 26677

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.7	32.5#

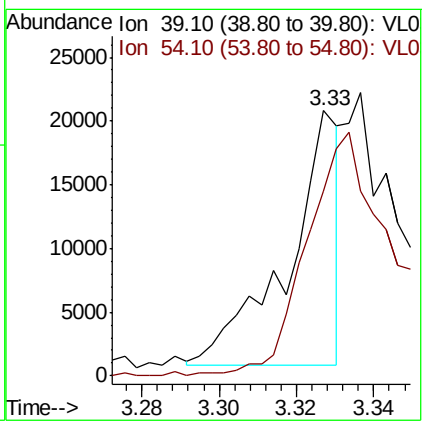


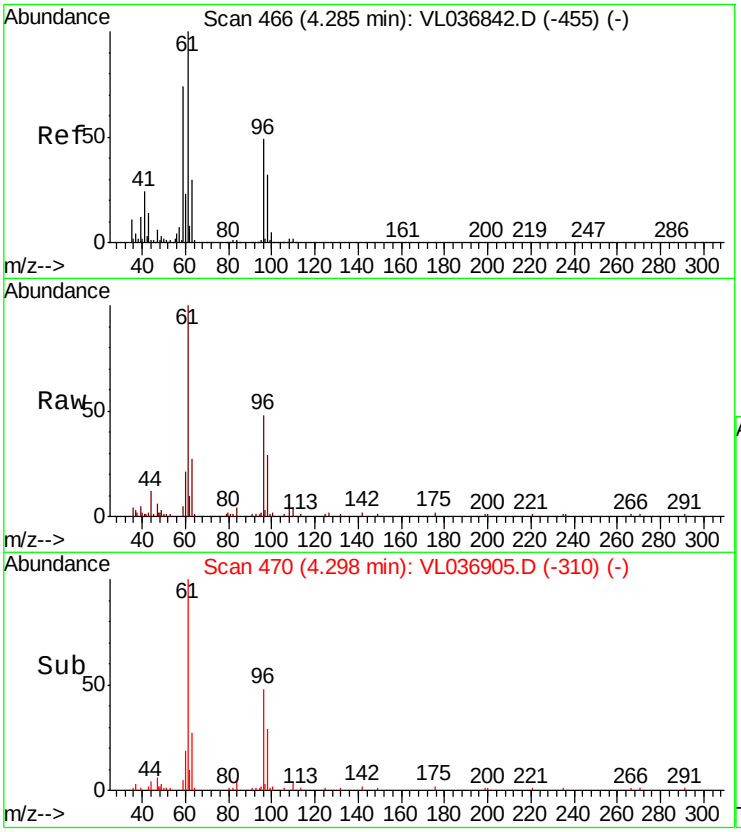


#16
1,3-Butadiene
Concen: 0.225 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 39 Resp: 18289

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.6	89.4#



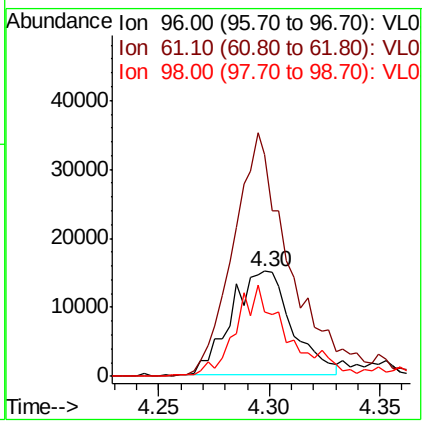


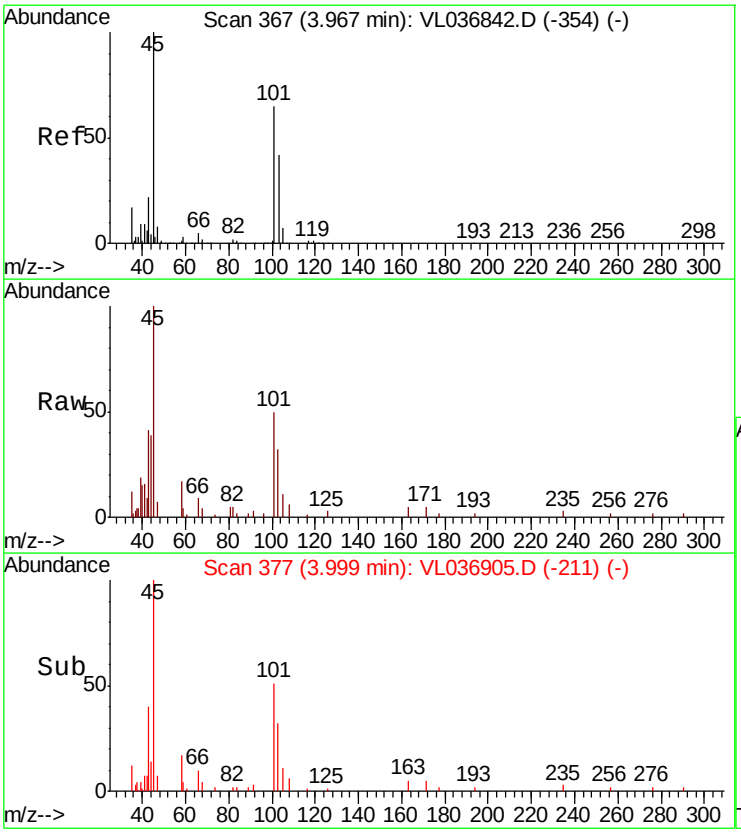
#18
1,1-Dichloroethene
Concen: 0.521 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 96 Resp: 28751

Ion	Ratio	Lower	Upper
96	100		
61	212.5	162.2	243.2
98	60.8	51.8	77.6

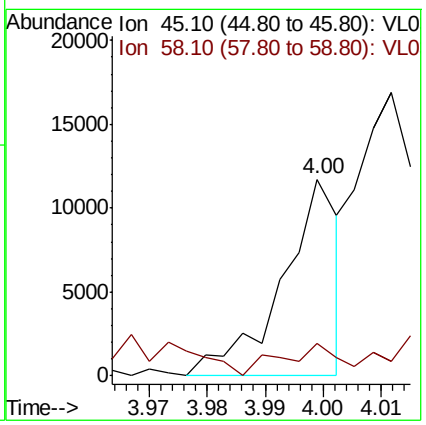


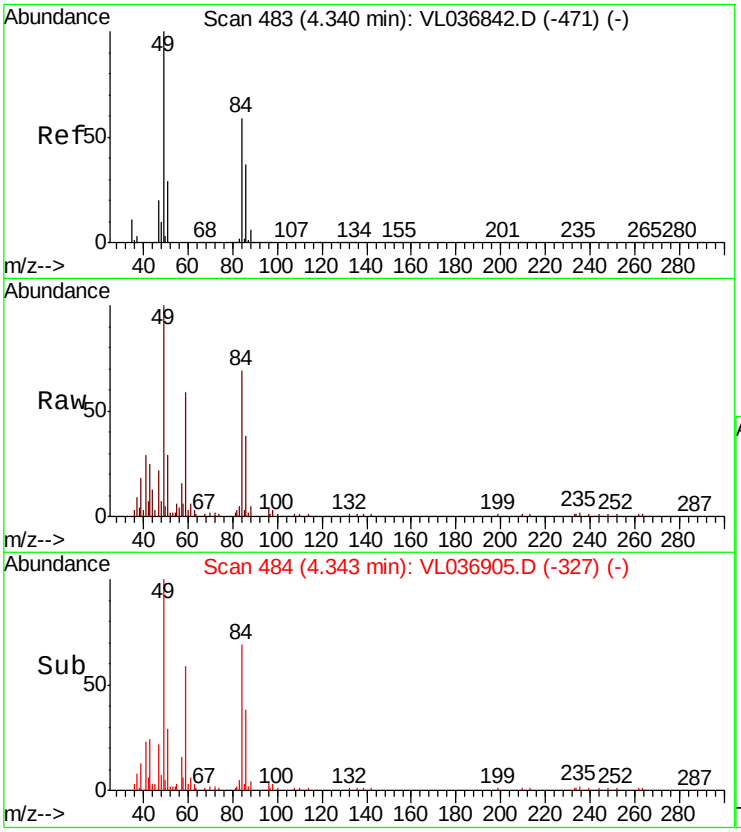


#19
Isopropyl Alcohol
Concen: 0.127 ppbv
RT: 4.00 min Scan# 377
Delta R.T. 0.03 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 45 Resp: 7987

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.8	4.2#



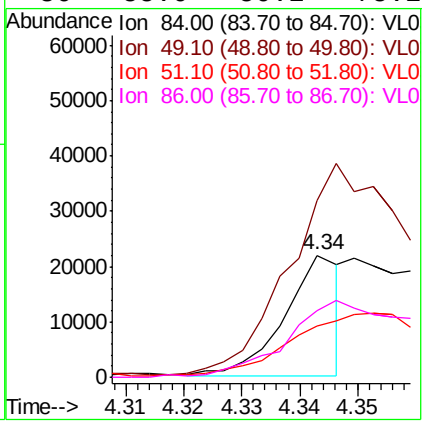


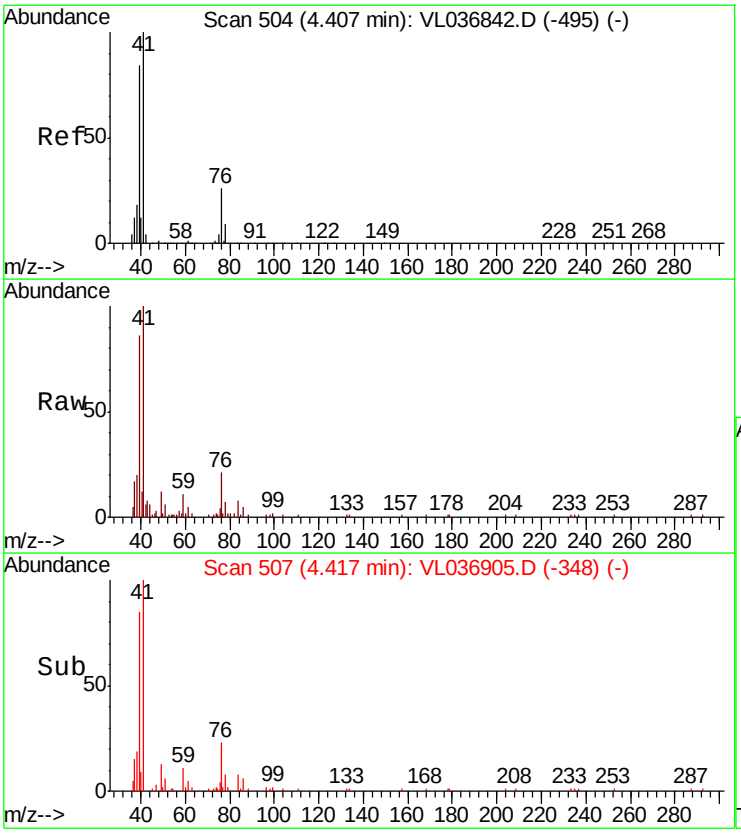
#20
Methylene Chloride
Concen: 0.240 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 84 Resp: 14633

Ion	Ratio	Lower	Upper
84	100		
49	144.6	135.4	203.0
51	43.7	39.3	58.9
86	55.0	50.2	75.2

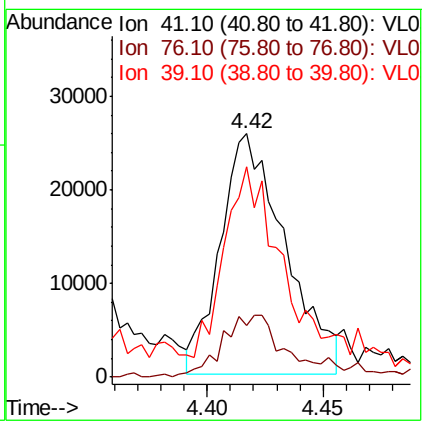


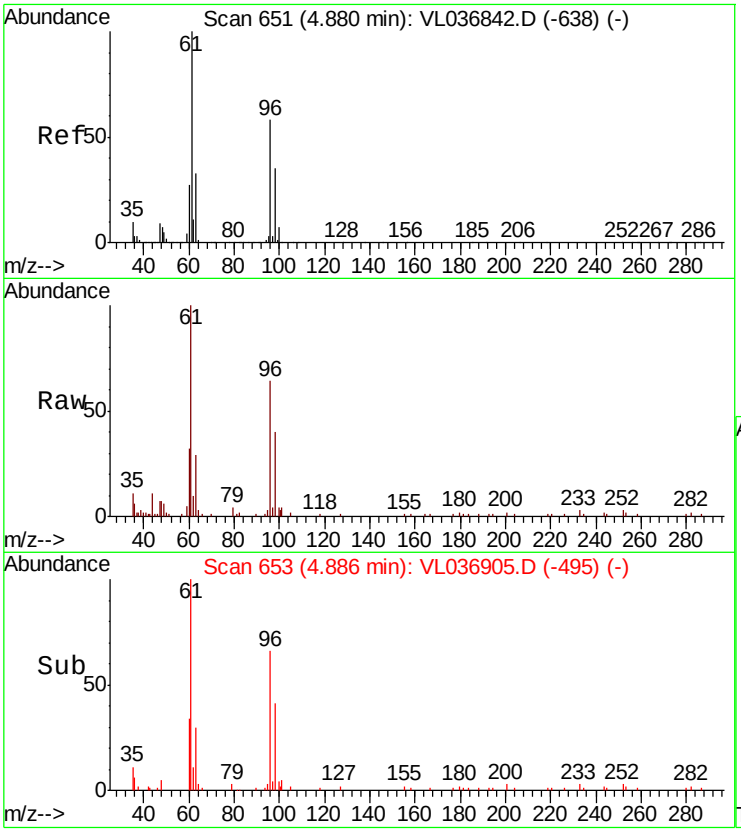


#21
Allyl Chloride
Concen: 0.530 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 41 Resp: 50167

Ion	Ratio	Lower	Upper
41	100		
76	28.1	22.4	33.6
39	98.3	68.4	102.6



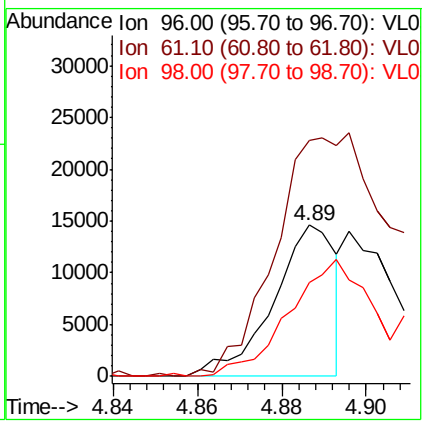


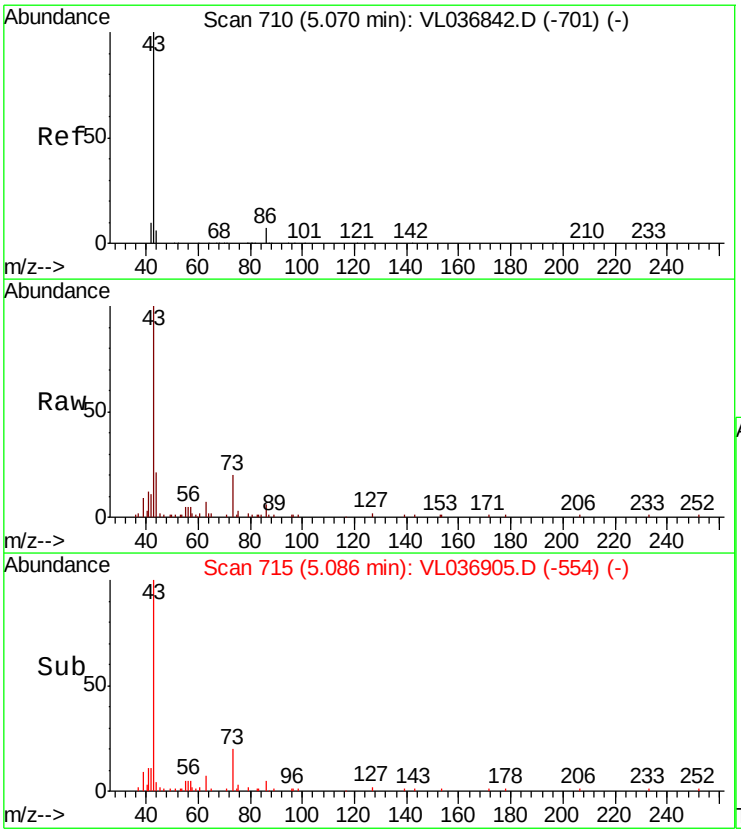
#22
trans-1,2-Dichloroethene
Concen: 0.270 ppbv
RT: 4.89
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 96 Resp: 14962

Ion	Ratio	Lower	Upper
96	100		
61	156.2	138.6	207.8
98	62.3	48.1	72.1

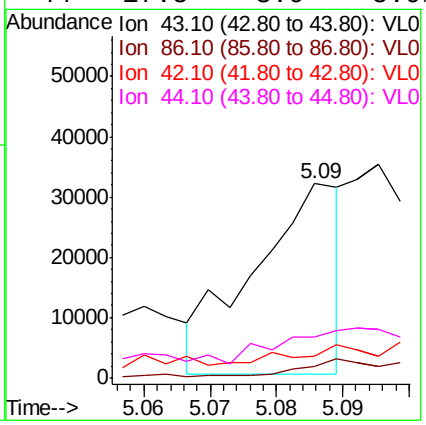


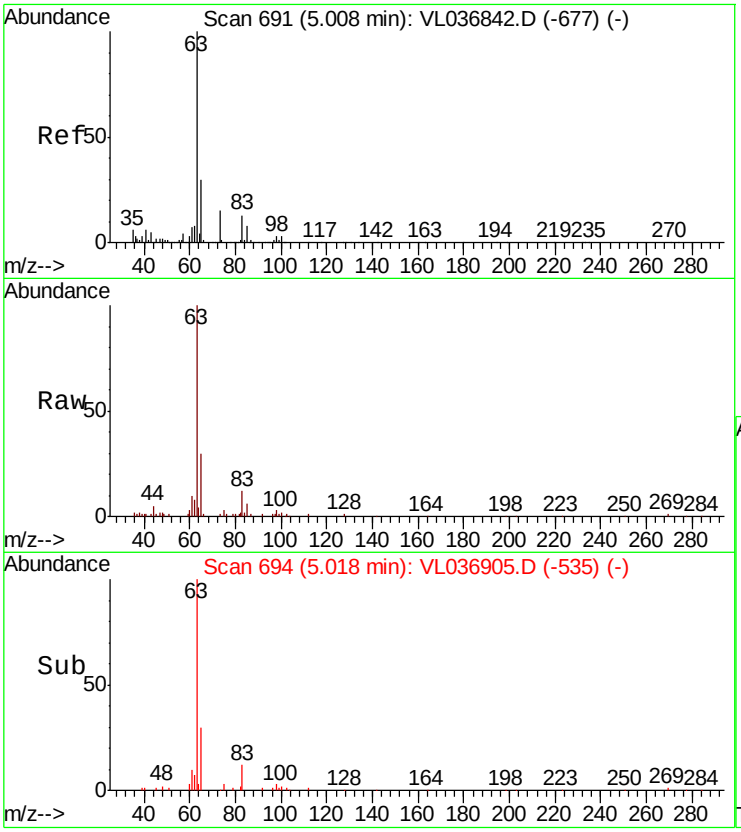


#23
Vinyl Acetate
Concen: 0.167 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.02 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 43 Resp: 28989

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.3	7.9
42	0.2	8.7	13.1#
44	17.5	3.9	5.9#



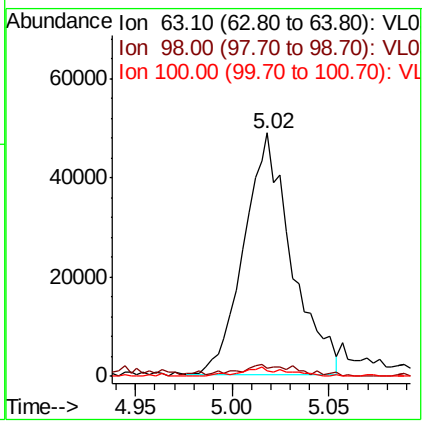


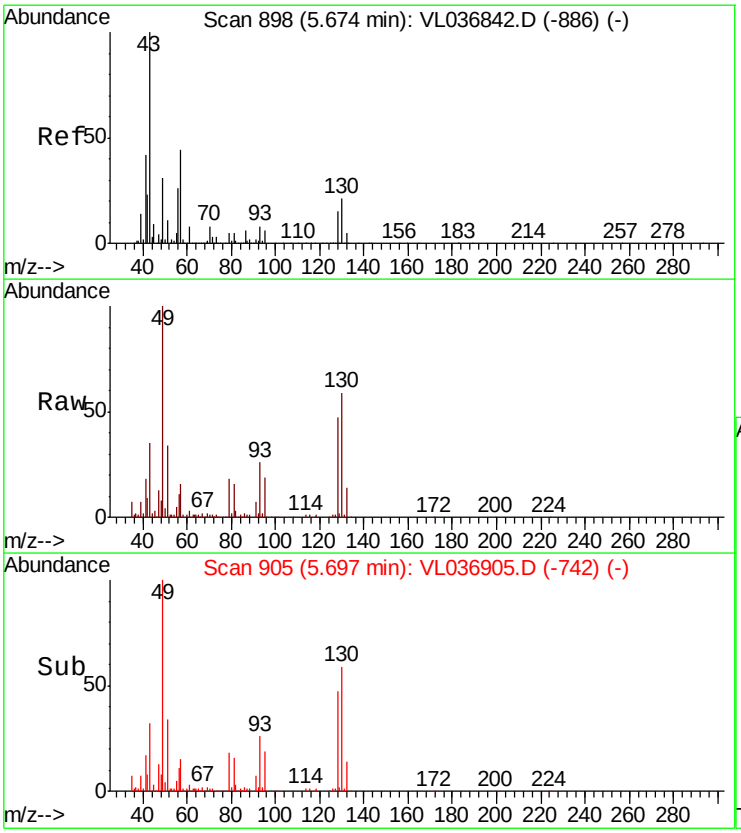
#24
1,1-Dichloroethane
Concen: 0.684 ppbv
RT: 5.02
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 63 Resp: 84089

Ion	Ratio	Lower	Upper
63	100		
98	2.0	1.7	5.1
100	2.4	1.3	3.8

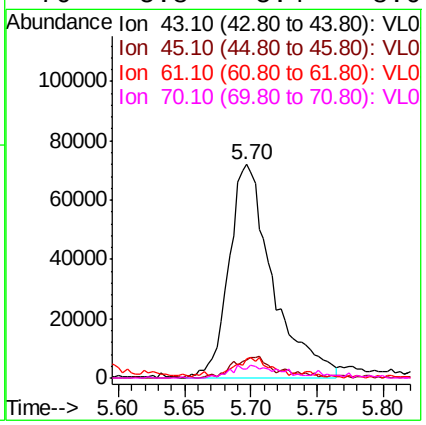


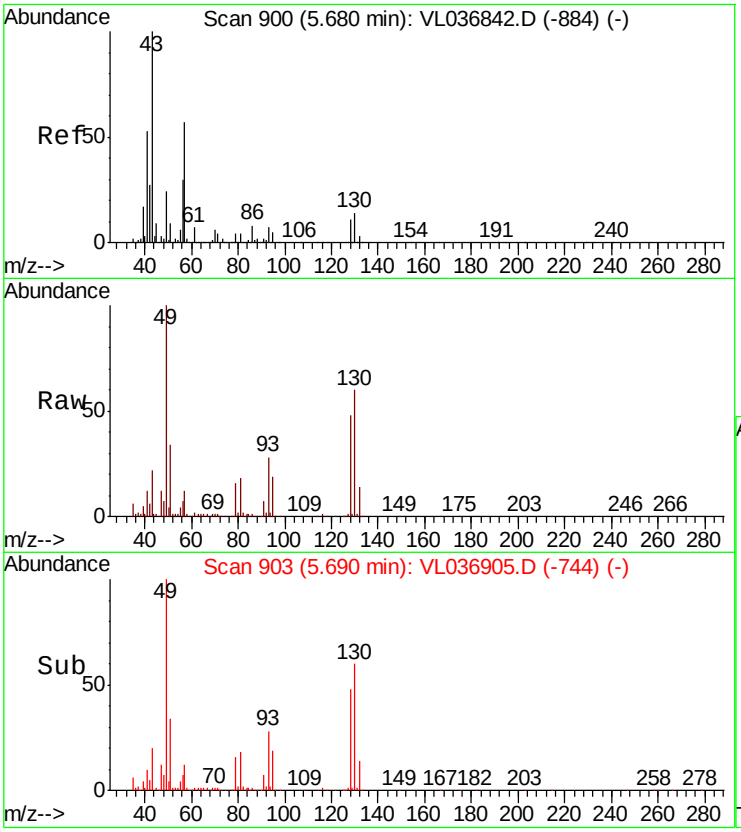


#25
Ethyl Acetate
Concen: 0.530 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.02 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 43 Resp: 164768

Ion	Ratio	Lower	Upper
43	100		
45	10.5	7.8	11.8
61	10.1	7.4	11.0
70	5.8	5.4	8.0



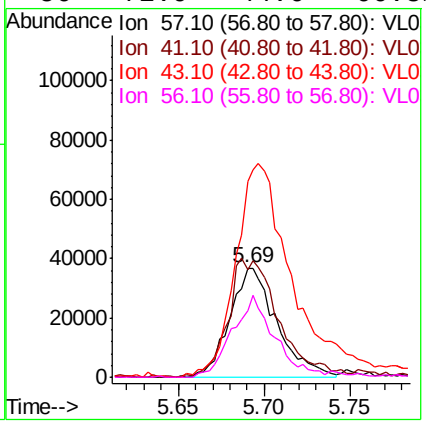


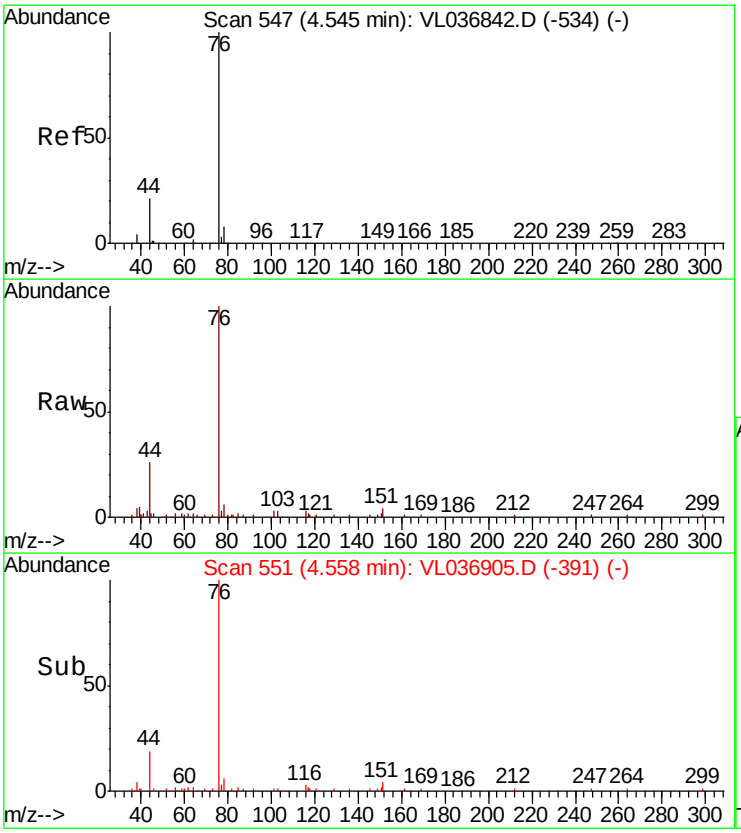
#26
Hexane
Concen: 0.473 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 57 Resp: 68856

Ion	Ratio	Lower	Upper
57	100		
41	123.9	77.7	116.5#
43	252.9	180.5	270.7
56	72.9	44.6	66.8#

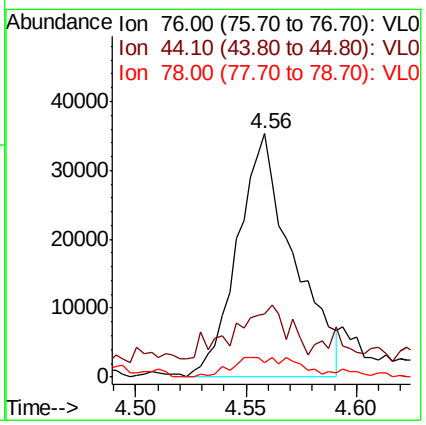


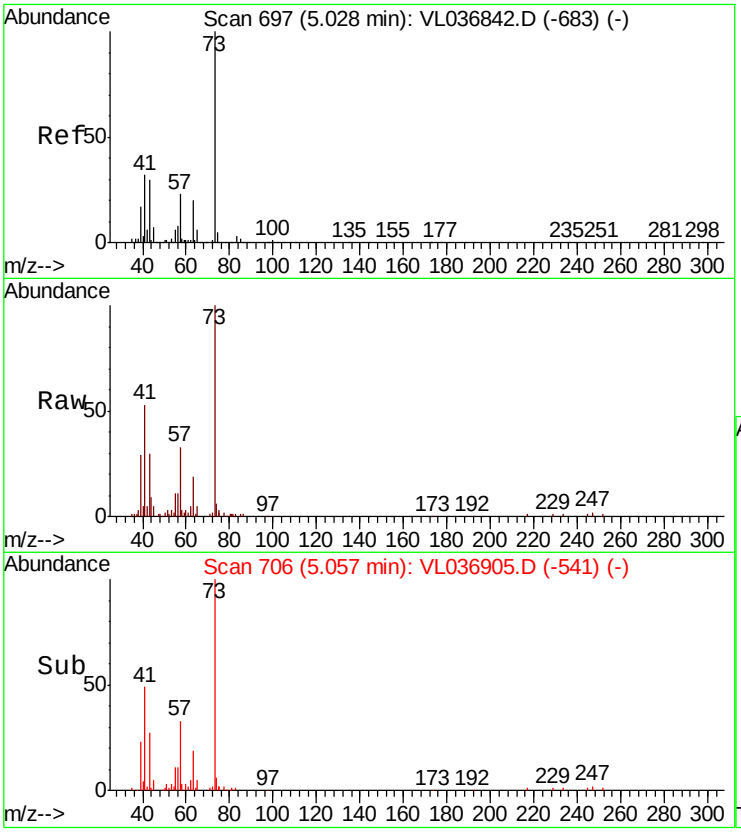


#27
Carbon Disulfide
Concen: 0.493 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 76 Resp: 62271

Ion	Ratio	Lower	Upper
76	100		
44	35.0	16.9	25.3#
78	11.9	7.9	11.9#



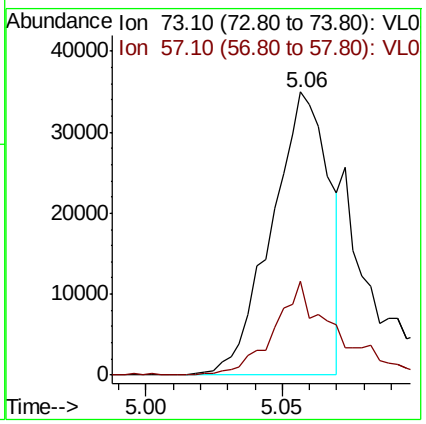


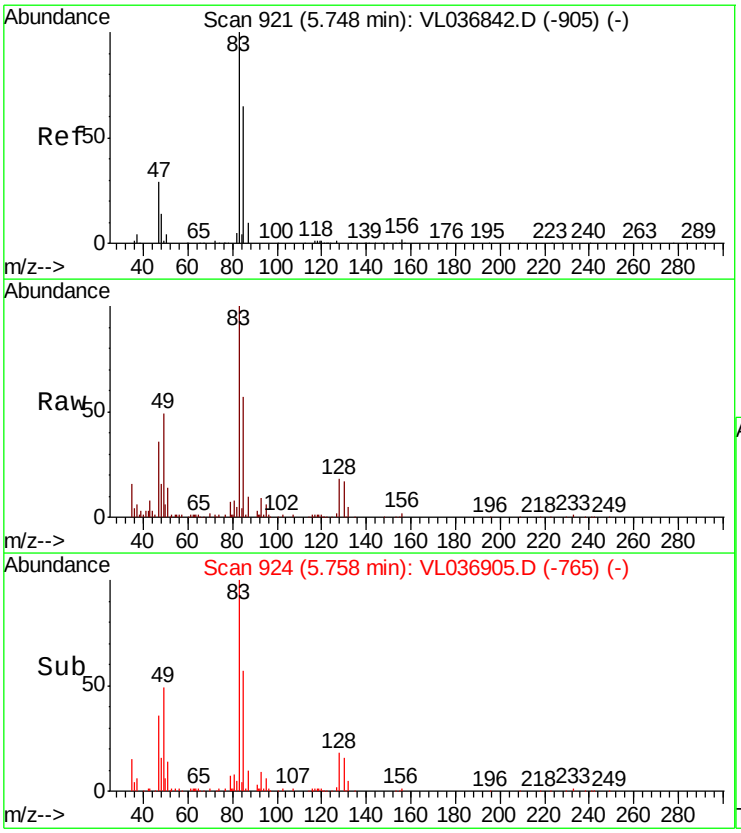
#28
Methyl tert-Butyl Ether
Concen: 0.397 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 73 Resp: 51243

Ion	Ratio	Lower	Upper
73	100		
57	38.4	19.0	28.6#

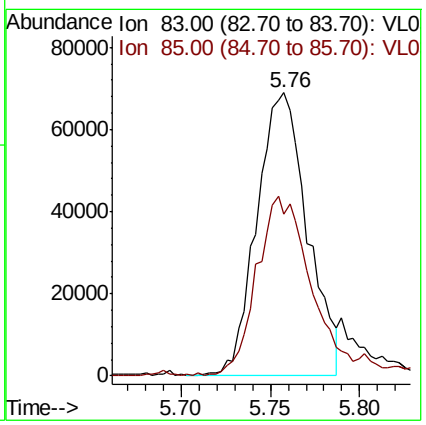


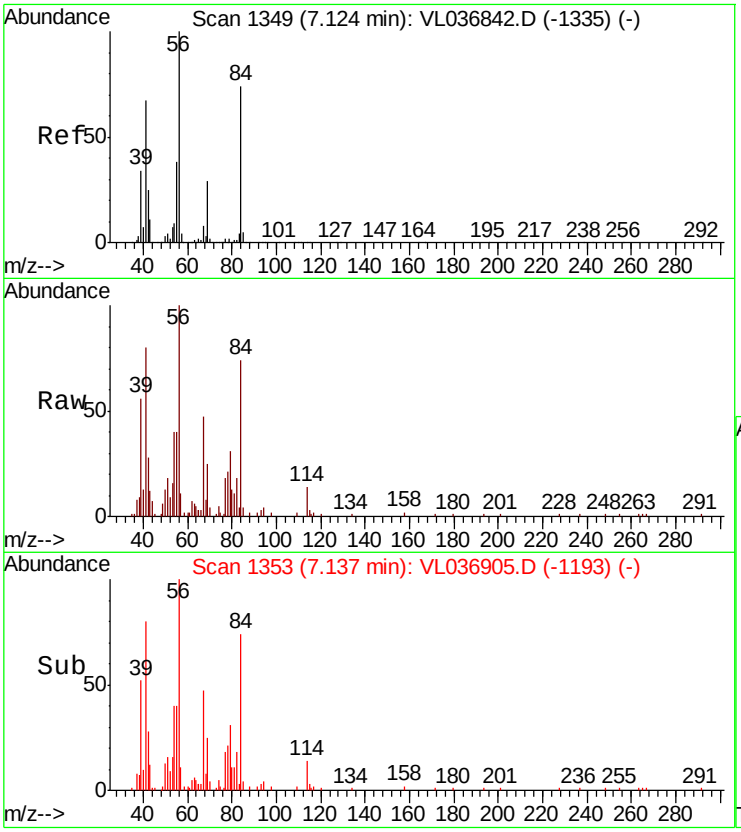


#29
Chloroform
Concen: 0.603 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 83 Resp: 136685

Ion	Ratio	Lower	Upper
83	100		
85	56.6	52.2	78.4



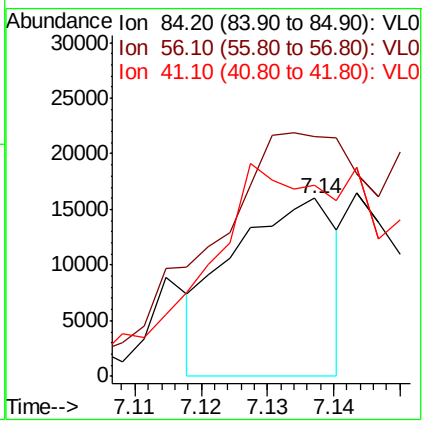


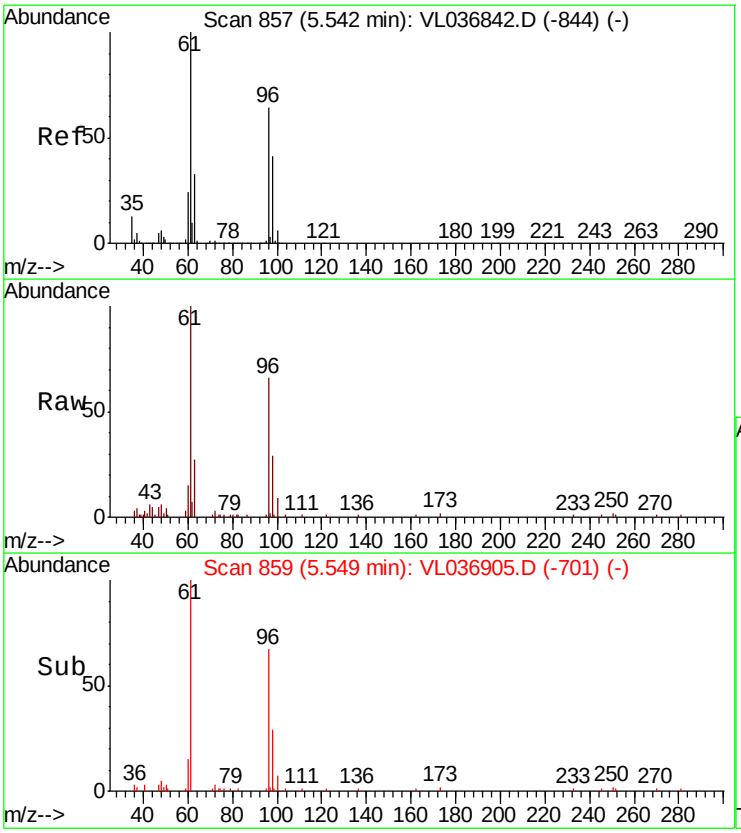
#30
Cyclohexane
Concen: 0.152 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 84 Resp: 17501

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.8	173.6#
41	293.2	74.6	111.8#

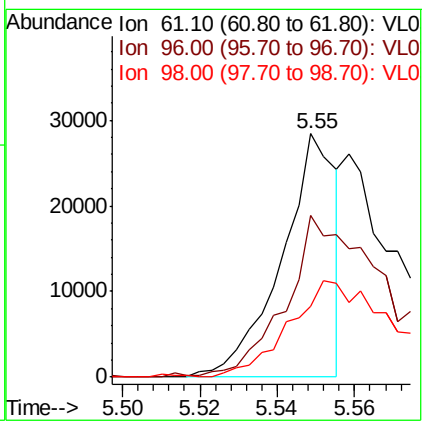


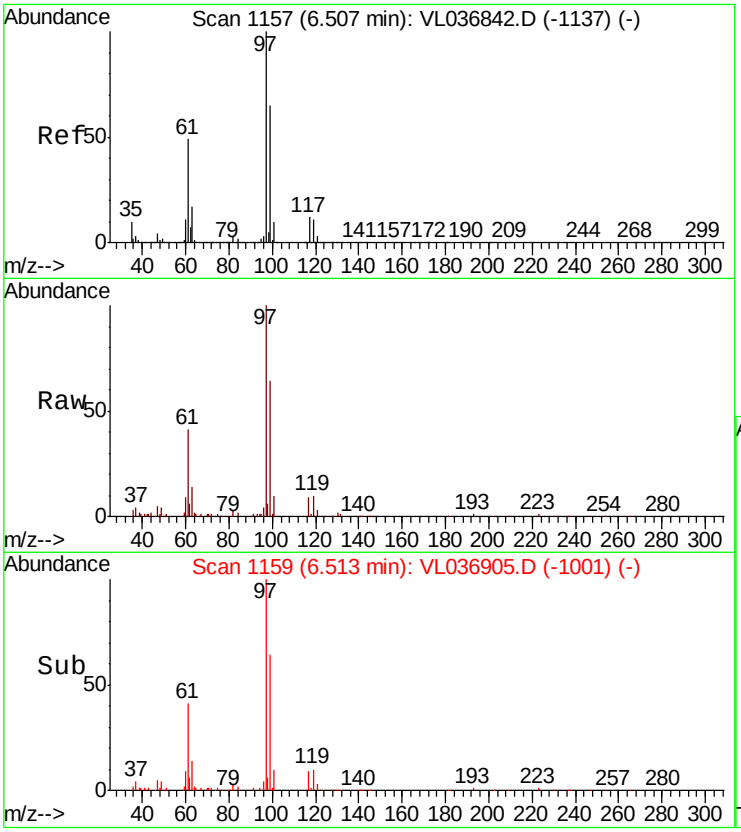


#31
cis-1,2-Dichloroethene
Concen: 0.212 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 61 Resp: 27741

Ion	Ratio	Lower	Upper
61	100		
96	65.5	51.0	76.6
98	29.1	32.7	49.1#



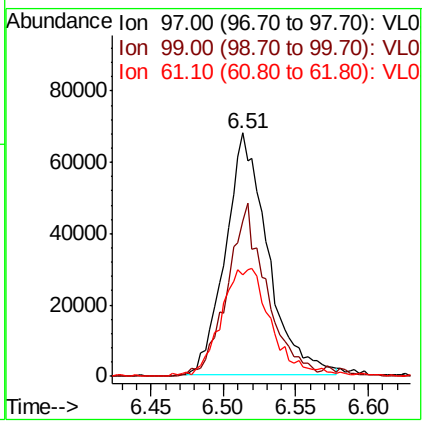


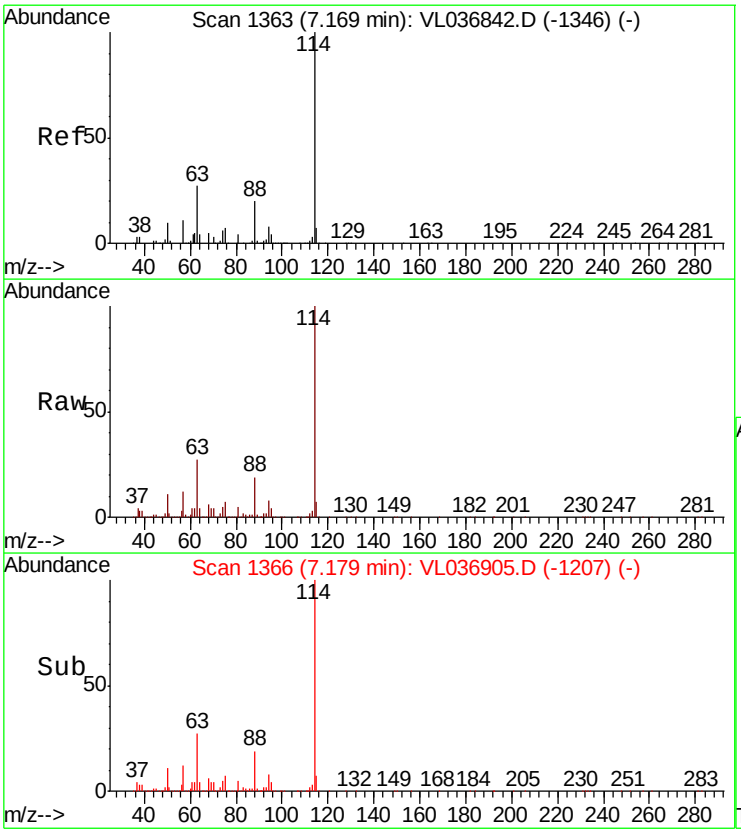
#32
1,1,1-Trichloroethane
Concen: 0.598 ppbv
RT: 6.51
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 97 Resp: 138017

Ion	Ratio	Lower	Upper
97	100		
99	68.3	51.8	77.6
61	53.9	40.8	61.2

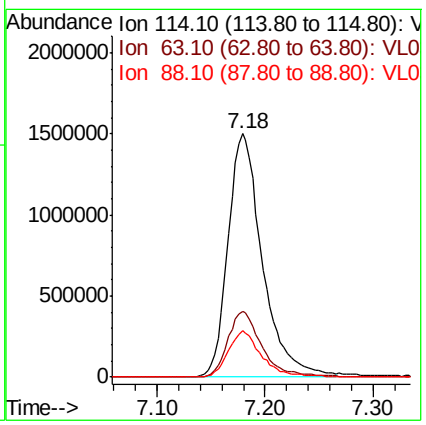


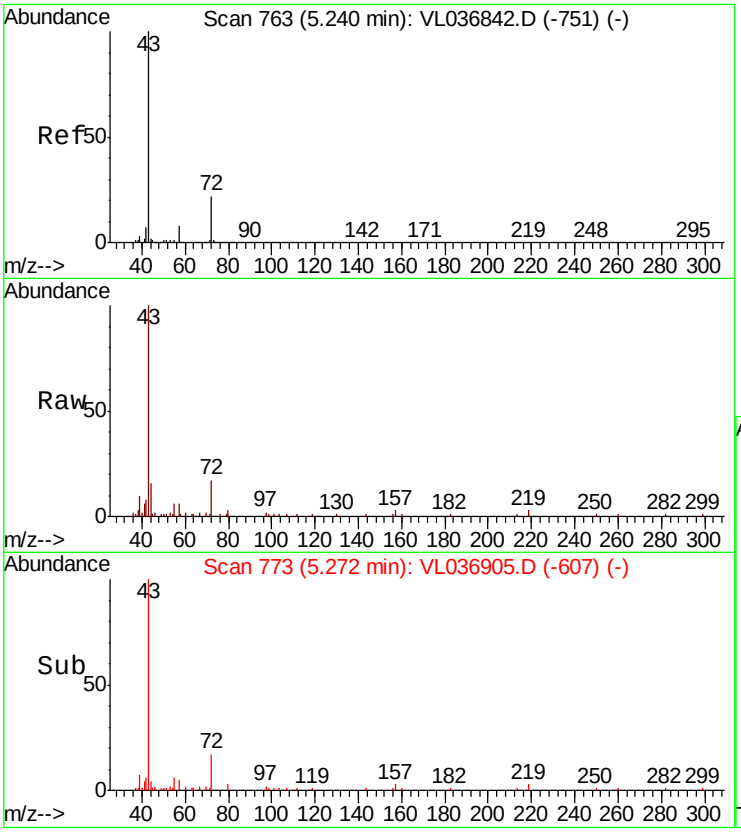


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:114 Resp: 3339713

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.9	32.9
88	18.7	15.1	22.7



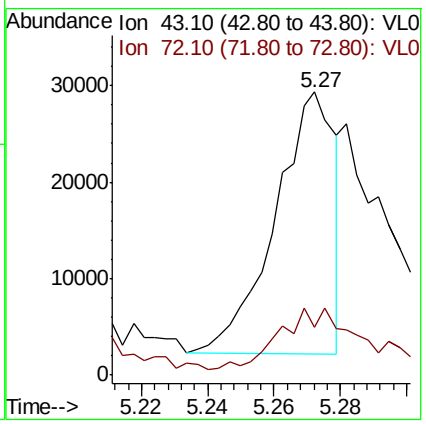


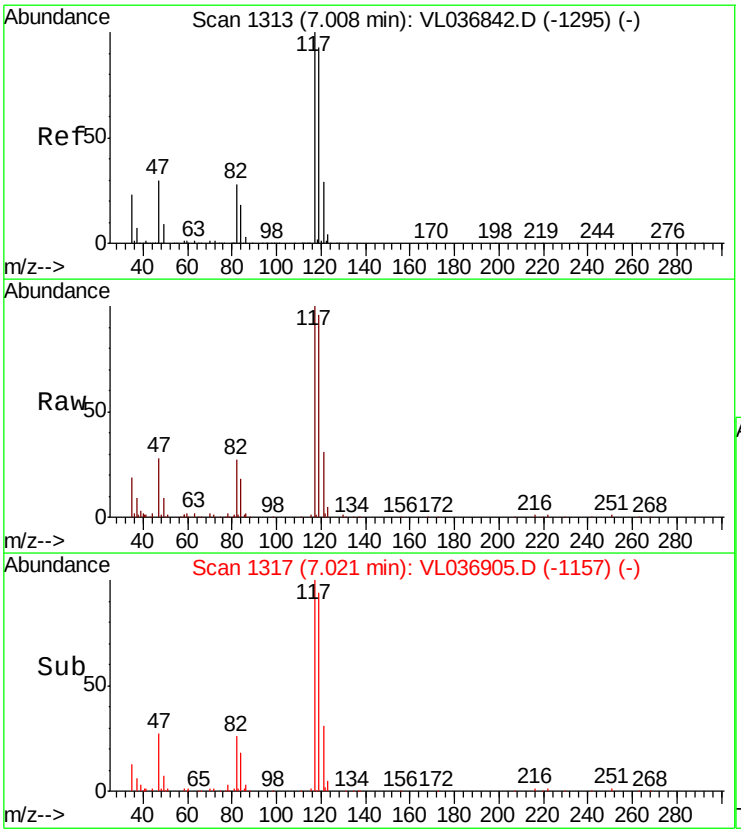
#34
2-Butanone
Concen: 0.232 ppbv
RT: 5.27
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 43 Resp: 33971

Ion	Ratio	Lower	Upper
43	100		
72	49.6	17.6	26.4#

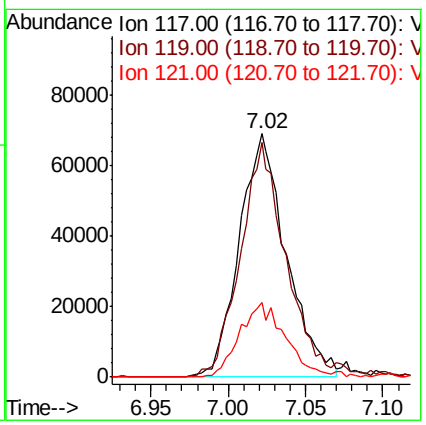


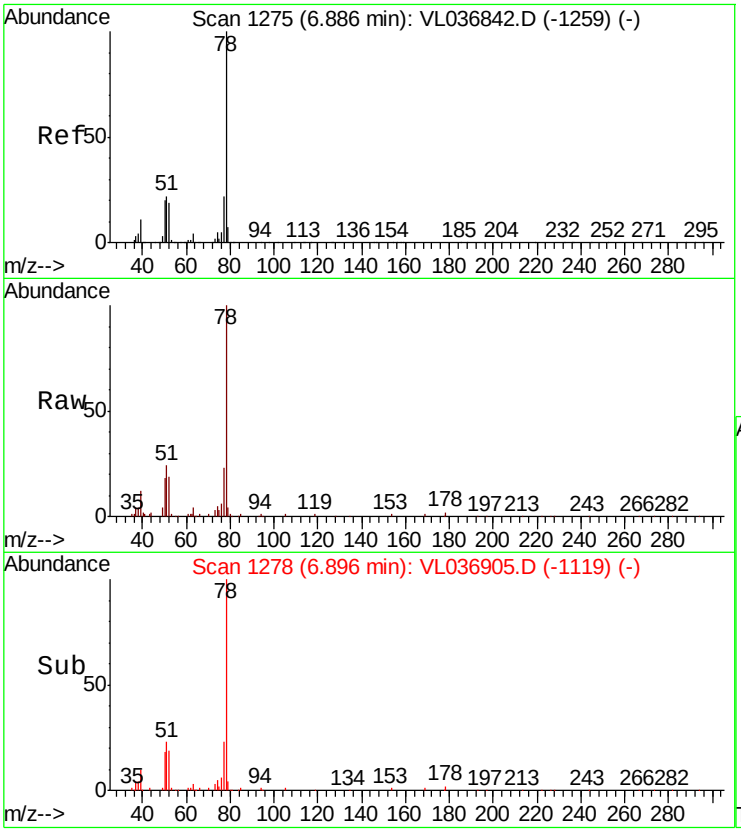


#35
Carbon Tetrachloride
Concen: 0.645 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:117 Resp: 146228

Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.6	111.8
121	32.4	23.3	34.9



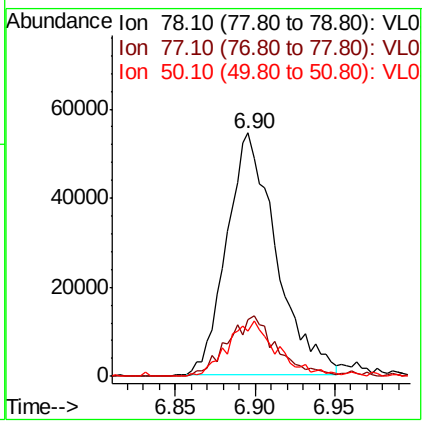


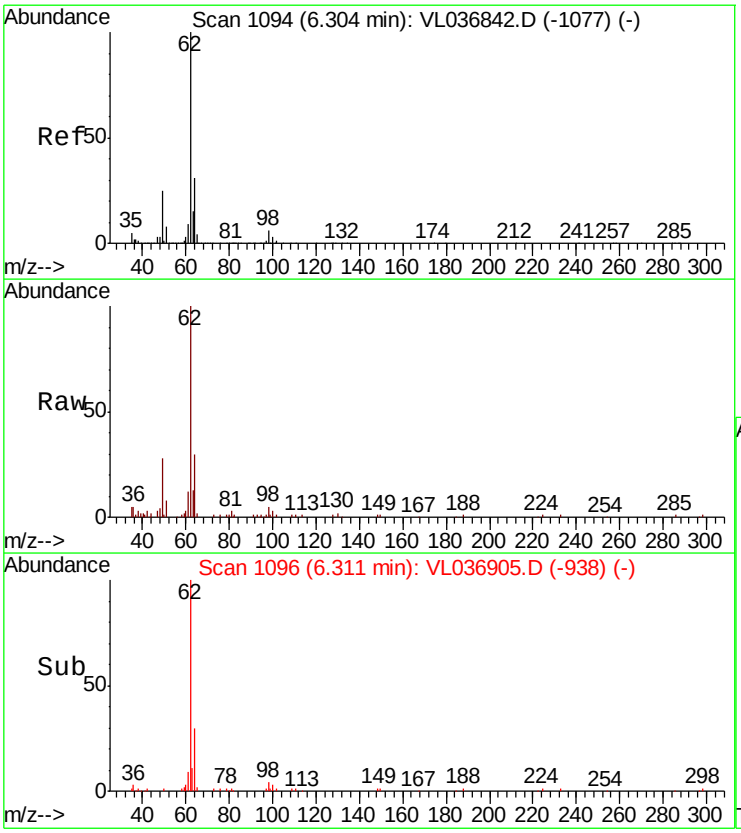
#36
Benzene
Concen: 0.409 ppbv
RT: 6.90
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 78 Resp: 115180

Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.6	26.4
50	18.6	16.3	24.5

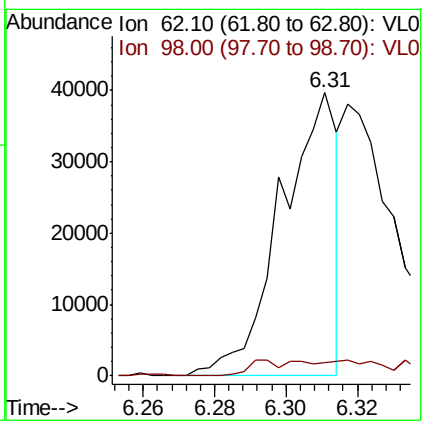


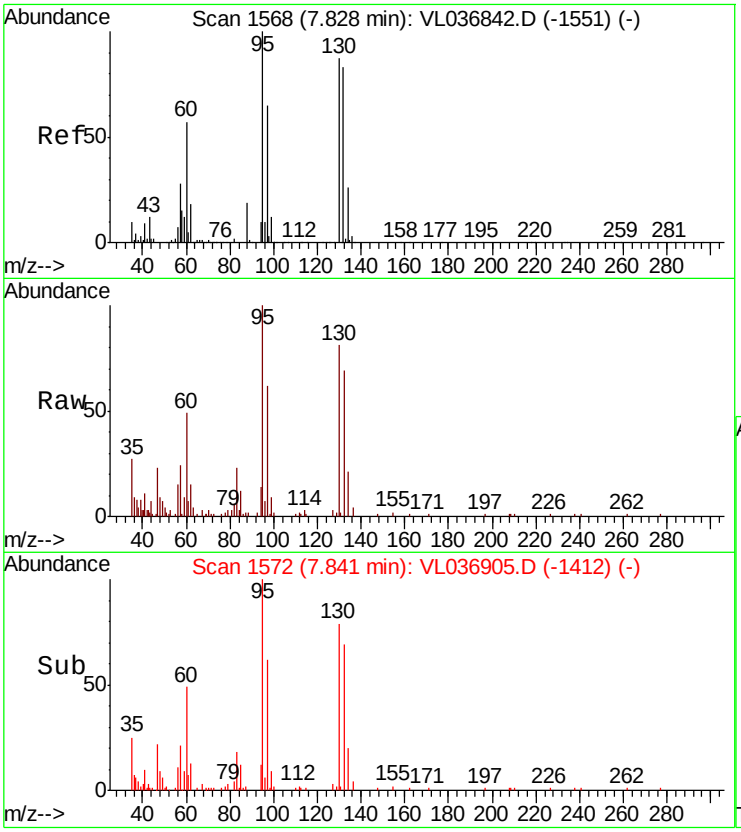


#37
1,2-Dichloroethane
Concen: 0.271 ppbv
RT: 6.31 min Scan# 1096
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 62 Resp: 43209

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.8	7.2#



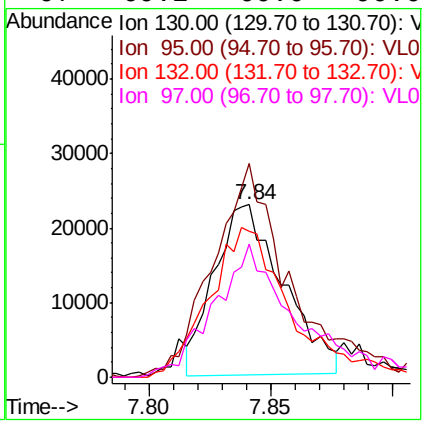


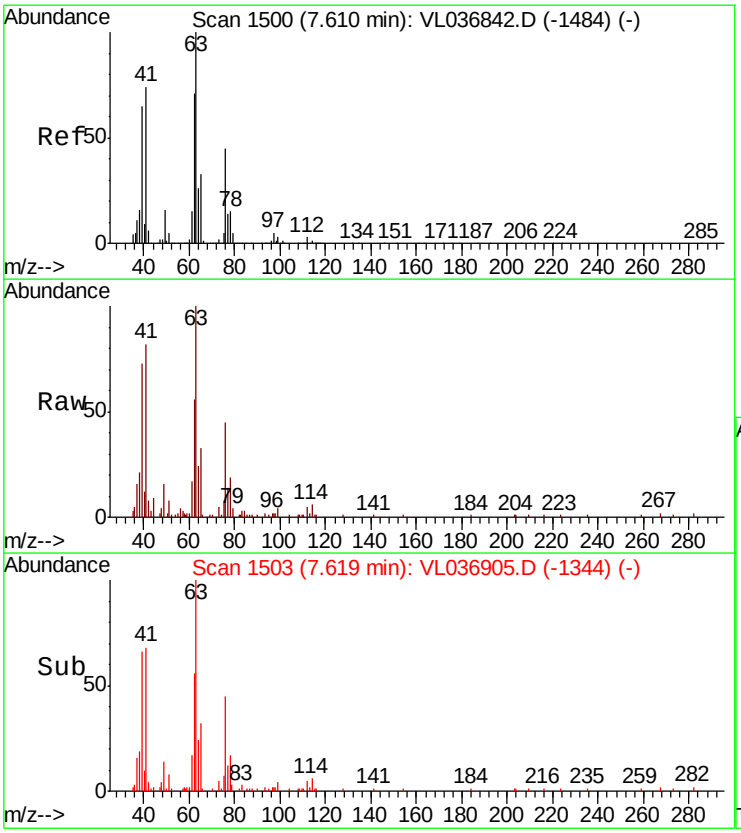
#38
Trichloroethene
Concen: 0.448 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:130 Resp: 44843

Ion	Ratio	Lower	Upper
130	100		
95	119.7	92.3	138.5
132	84.1	76.8	115.2
97	69.2	60.0	90.0

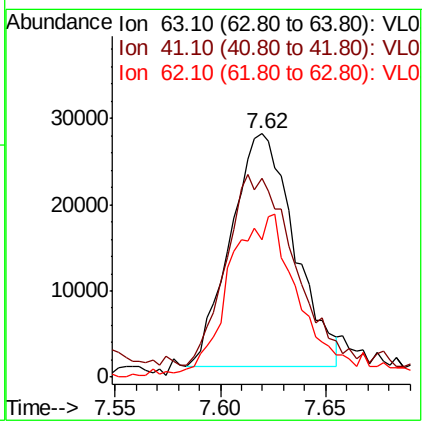


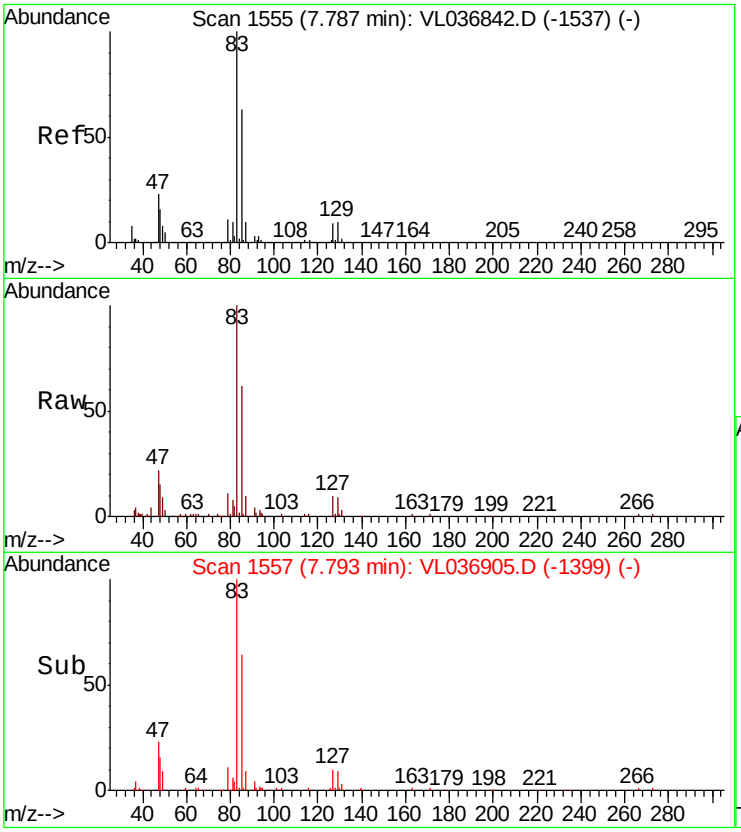


#39
1,2-Dichloropropane
Concen: 0.504 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 63 Resp: 56830

Ion	Ratio	Lower	Upper
63	100		
41	80.2	59.1	88.7
62	55.8	56.9	85.3#



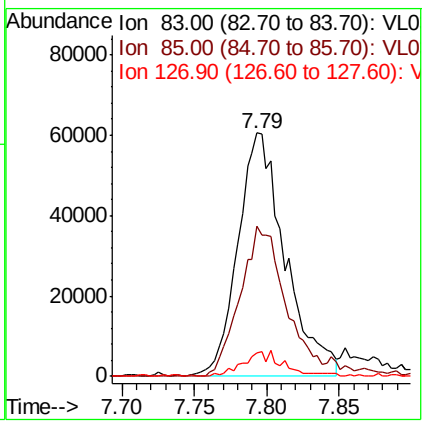


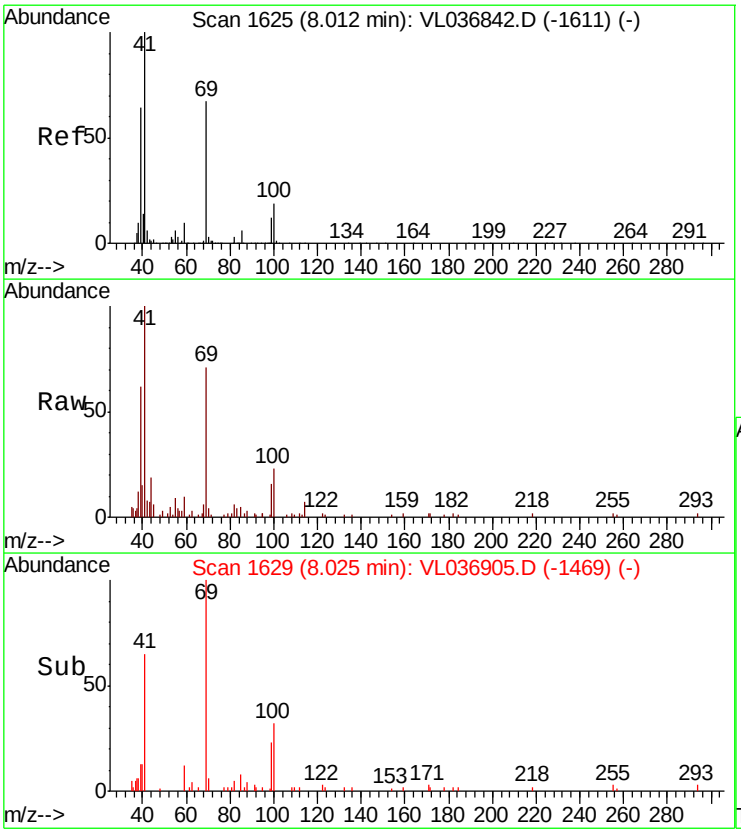
#42
Bromodichloromethane
Concen: 0.621 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 83 Resp: 137376

Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.4	75.6
127	9.7	6.9	10.3

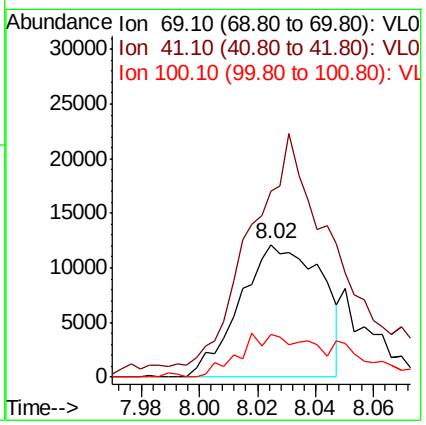


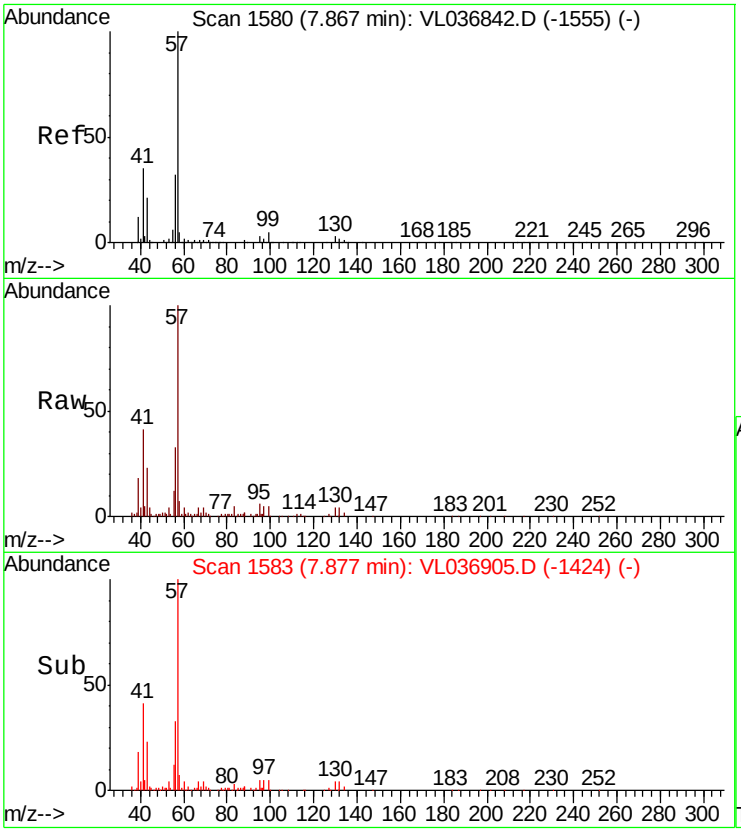


#43
Methyl Methacrylate
Concen: 0.259 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 69 Resp: 23770

Ion	Ratio	Lower	Upper
69	100		
41	197.3	124.2	186.4#
100	42.9	25.5	38.3#



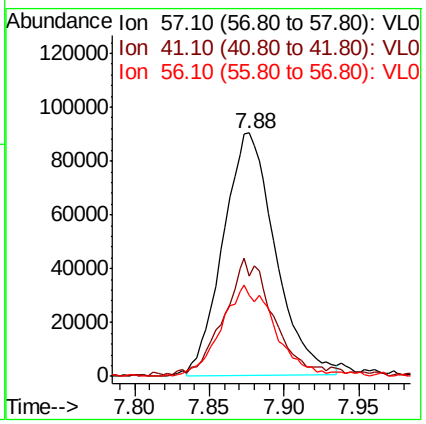


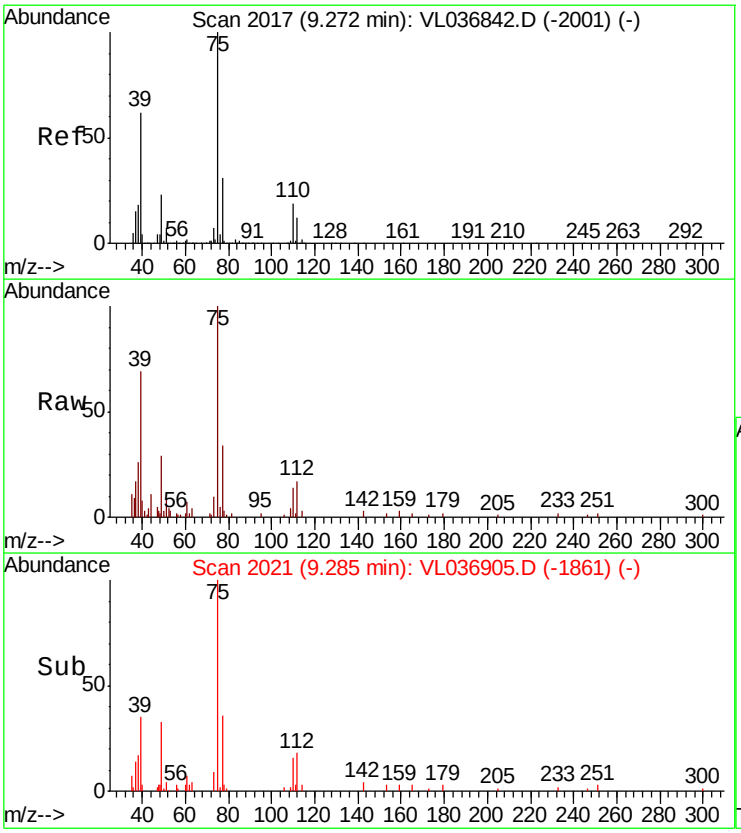
#44
2,2,4-Trimethylpentane
Concen: 0.454 ppbv
RT: 7.88
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 57 Resp: 218729

Ion	Ratio	Lower	Upper
57	100		
41	47.8	28.2	42.4#
56	39.2	25.9	38.9#

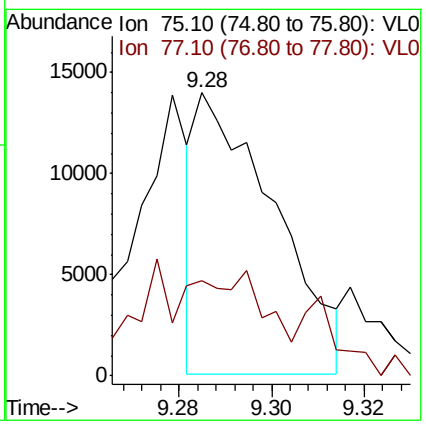


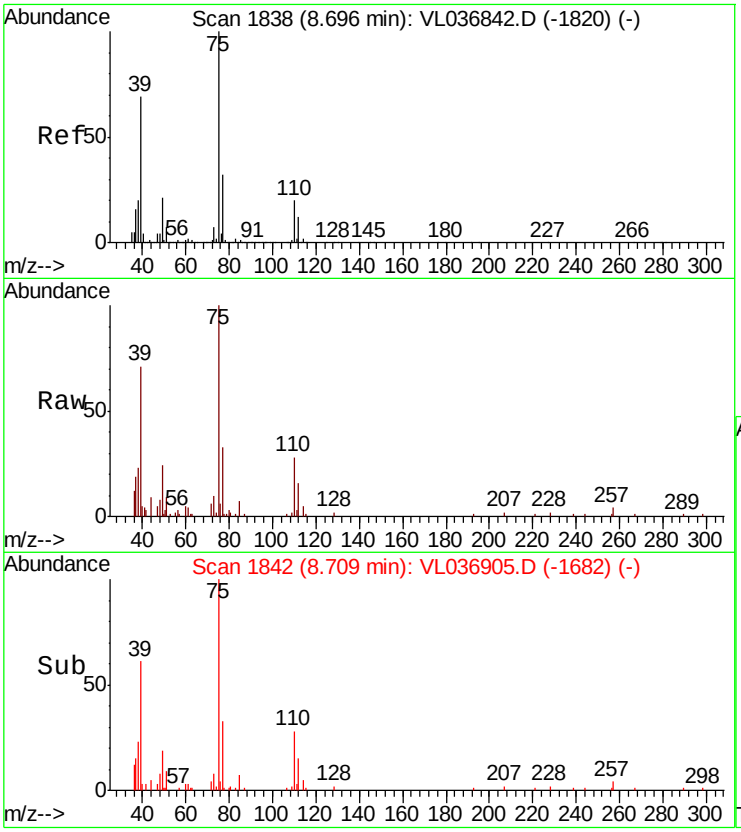


#45
t-1,3-Dichloropropene
Concen: 0.165 ppbv
RT: 9.28 min Scan# 2021
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 75 Resp: 16288

Ion	Ratio	Lower	Upper
75	100		
77	33.8	24.6	37.0



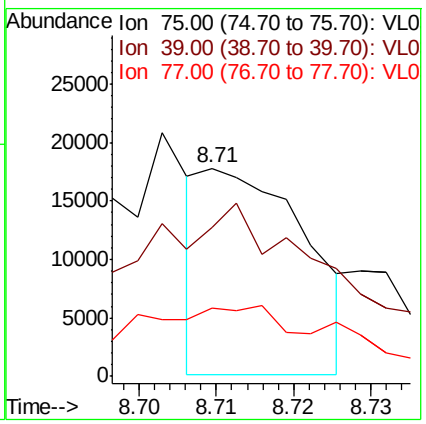


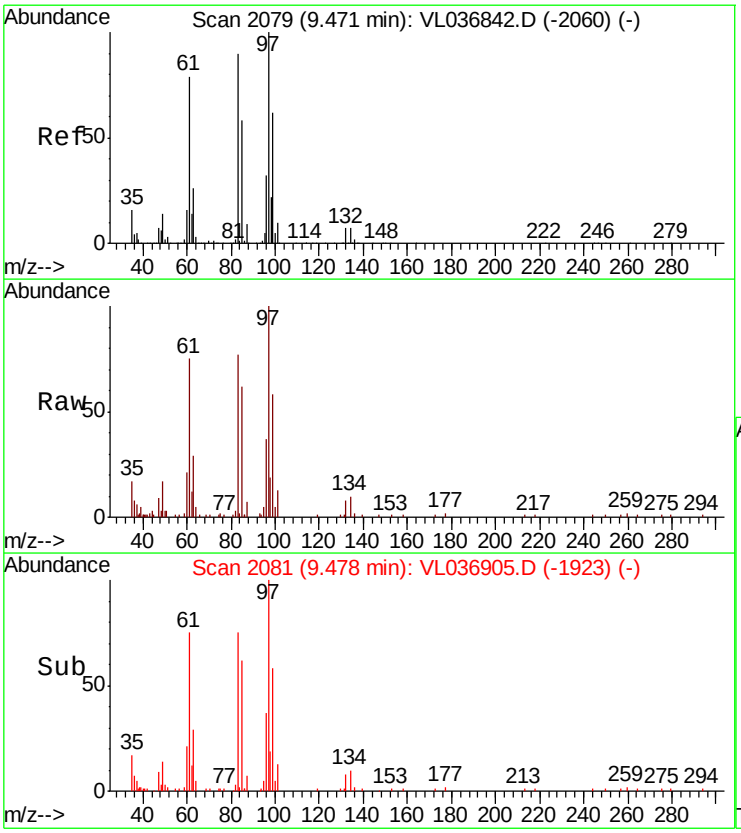
#46
cis-1,3-Dichloropropene
Concen: 0.129 ppbv
RT: 8.71
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 75 Resp: 16411

Ion	Ratio	Lower	Upper
75	100		
39	38.9	55.4	83.0#
77	11.7	25.2	37.8#

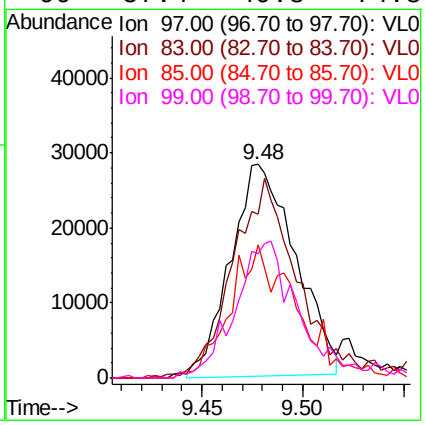


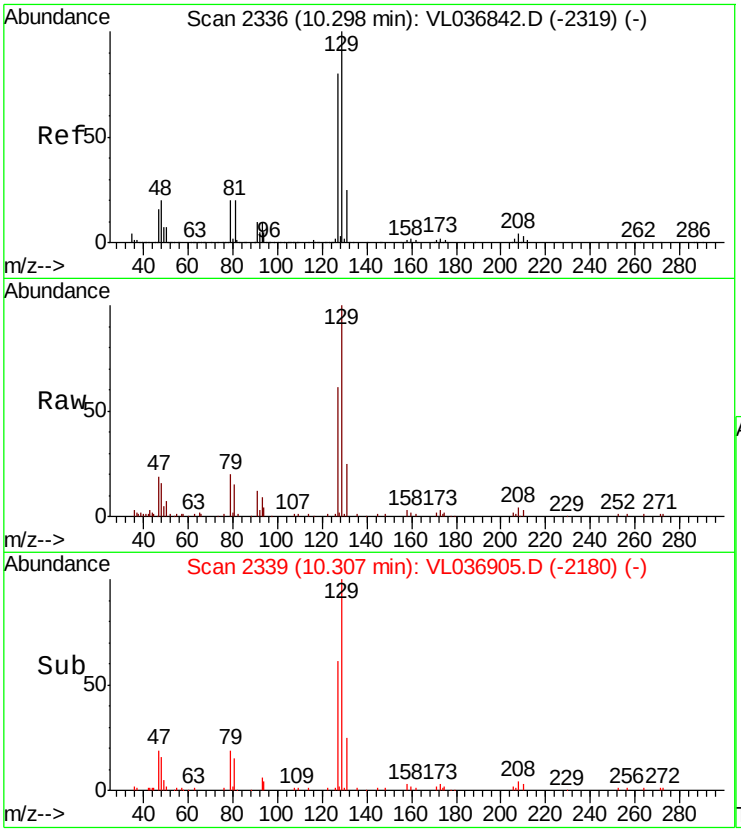


#47
1,1,2-Trichloroethane
Concen: 0.545 ppbv
RT: 9.48 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 97 Resp: 63636

Ion	Ratio	Lower	Upper
97	100		
83	74.5	71.9	107.9
85	60.3	46.5	69.7
99	57.4	49.8	74.8



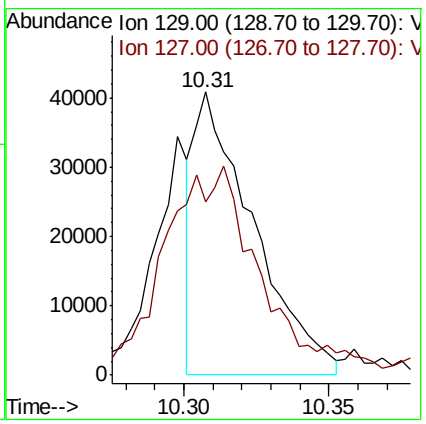


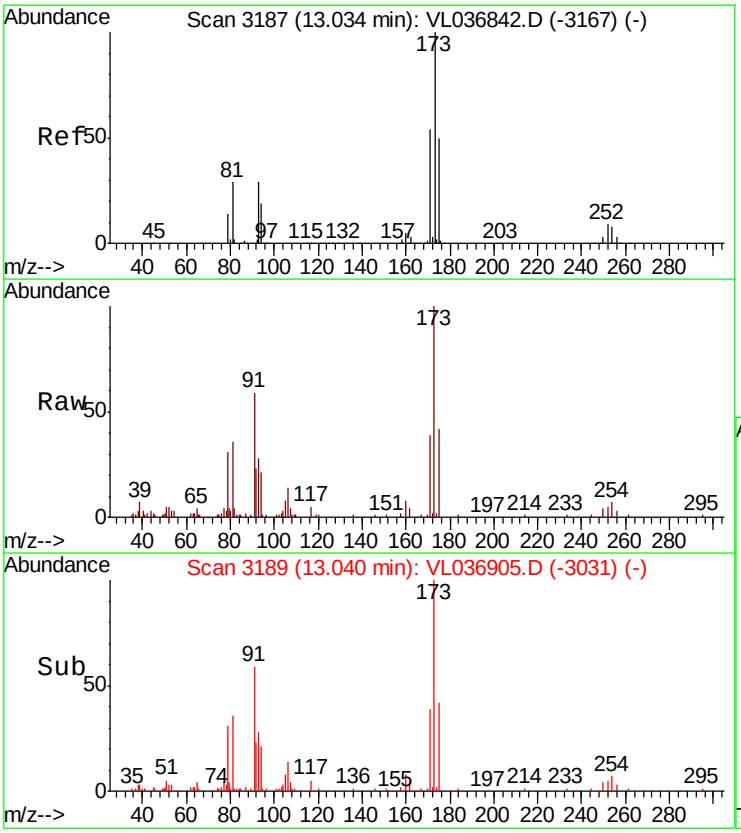
#48
Dibromochloromethane
Concen: 0.334 ppbv
RT: 10.31
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:129 Resp: 57720

Ion	Ratio	Lower	Upper
129	100		
127	126.9	40.2	120.5#

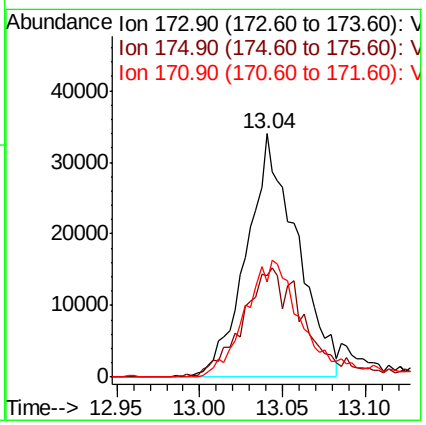


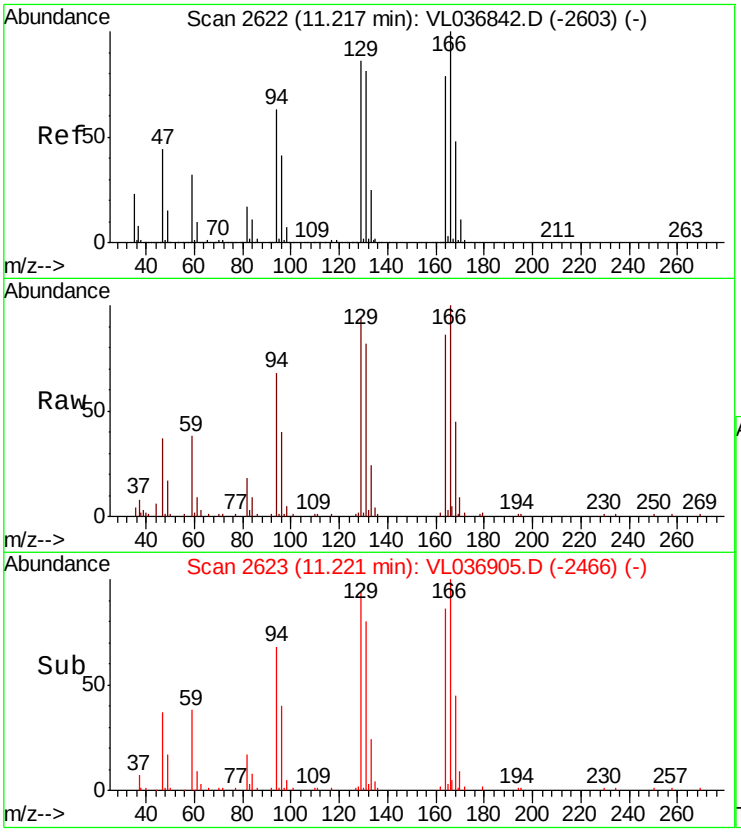


#49
Bromoform
Concen: 0.517 ppbv
RT: 13.04 min Scan# 3189
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:173 Resp: 71375

Ion	Ratio	Lower	Upper
173	100		
175	58.3	39.6	59.4
171	57.7	42.2	63.4



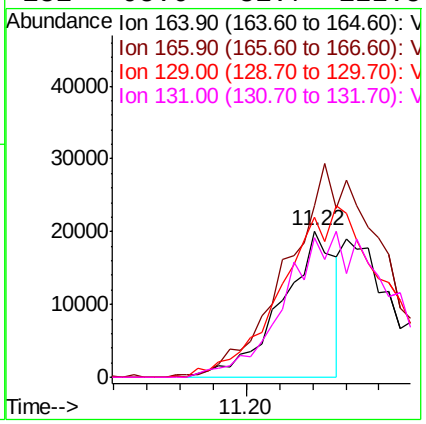


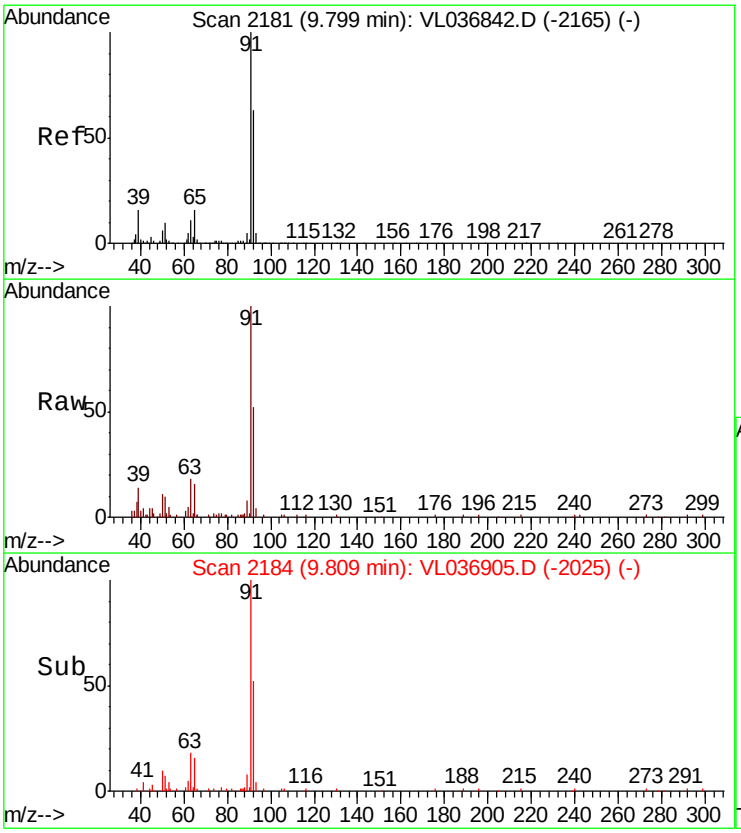
#52
Tetrachloroethene
Concen: 0.234 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:164 Resp: 22450

Ion	Ratio	Lower	Upper
164	100		
166	114.9	100.9	151.3
129	109.7	87.0	130.4
131	95.6	81.7	122.5

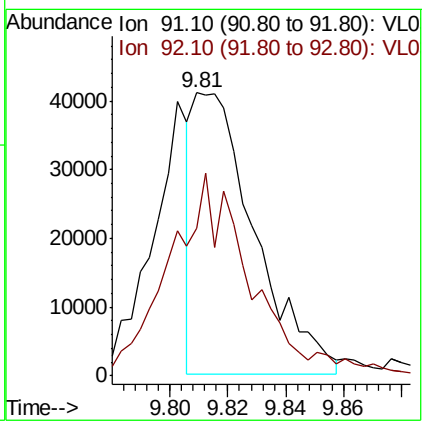


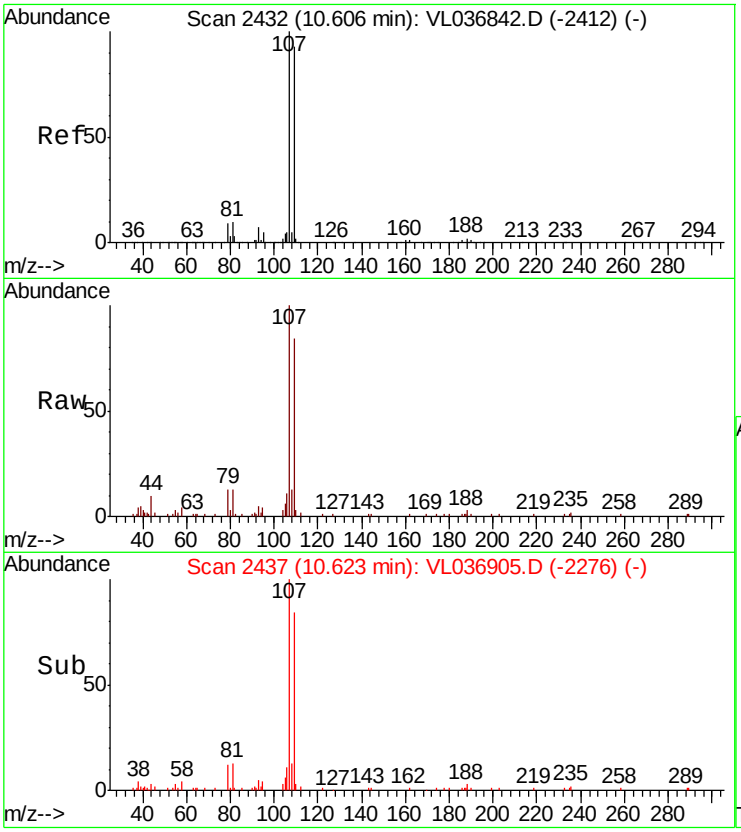


#53
Toluene
Concen: 0.204 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 91 Resp: 60184

Ion	Ratio	Lower	Upper
91	100		
92	99.5	49.0	73.4#



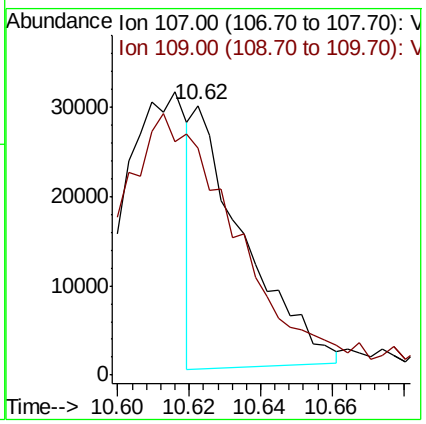


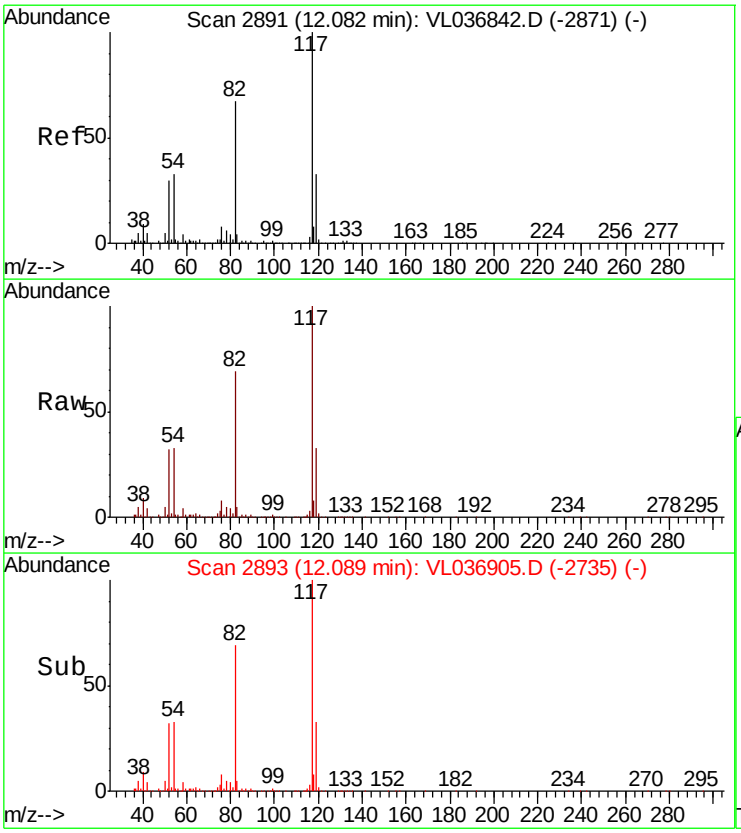
#54
1,2-Dibromoethane
Concen: 0.177 ppbv
RT: 10.62
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:107 Resp: 29106

Ion	Ratio	Lower	Upper
107	100		
109	80.2	74.7	112.1

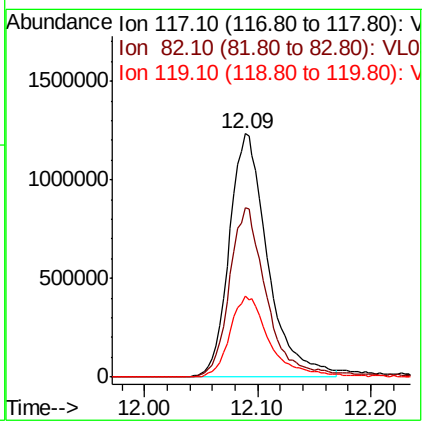


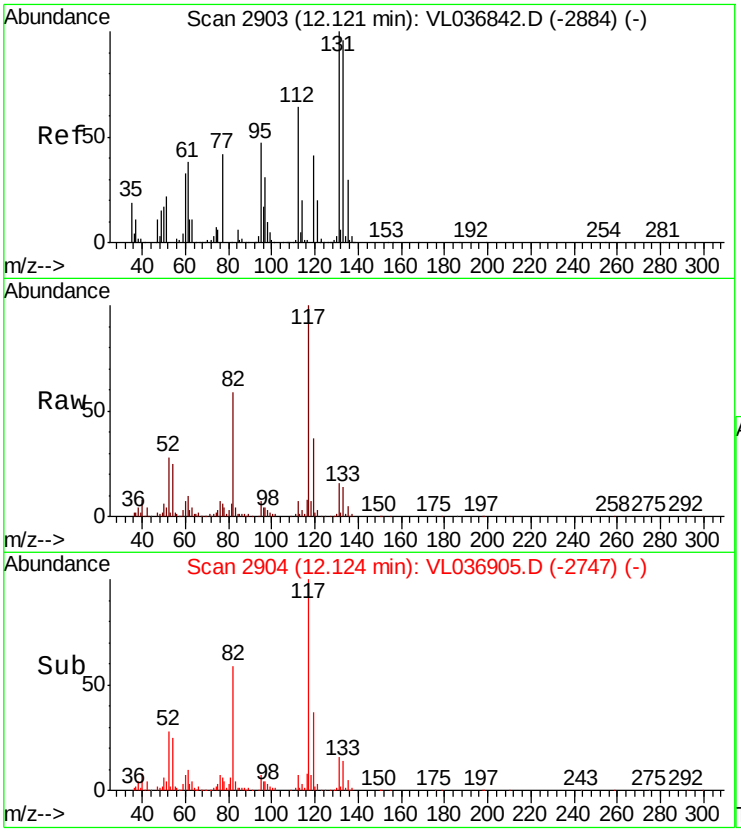


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:117 Resp: 2916108

Ion	Ratio	Lower	Upper
117	100		
82	70.1	53.5	80.3
119	34.8	25.6	38.4



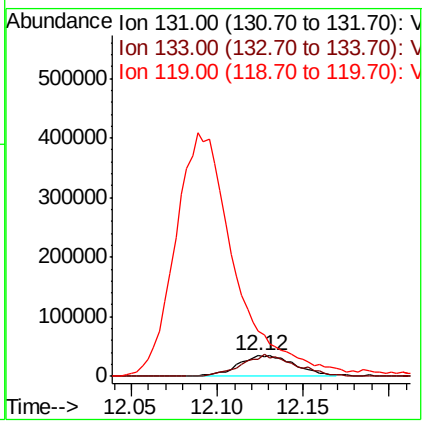


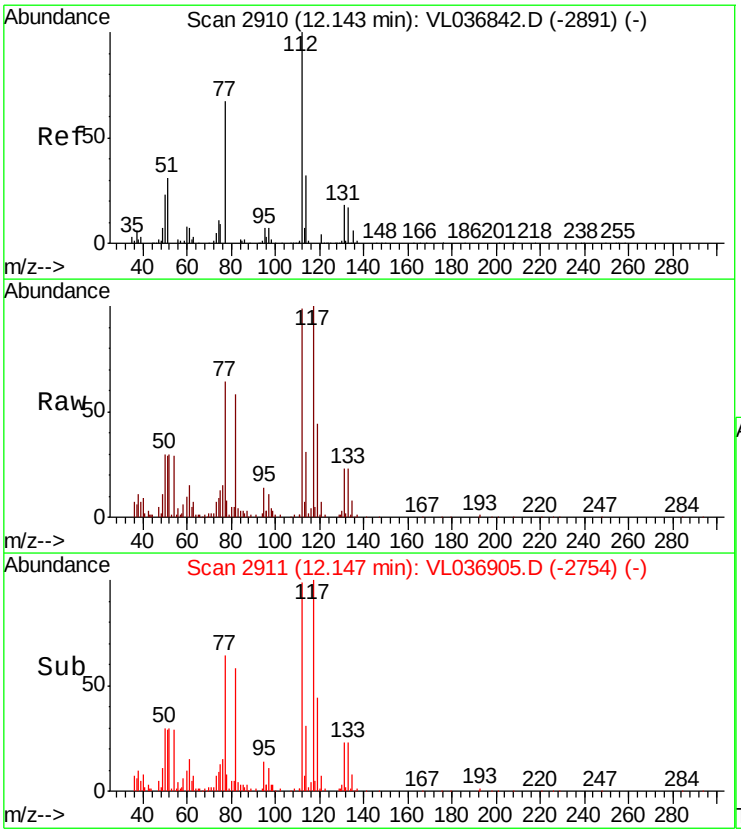
#56
1,1,1,2-Tetrachloroethane
Concen: 0.651 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:131 Resp: 79637

Ion	Ratio	Lower	Upper
131	100		
133	102.2	76.3	114.5
119	1274.2	114.9	172.3#

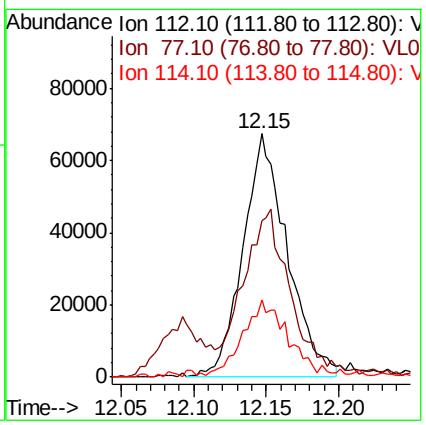


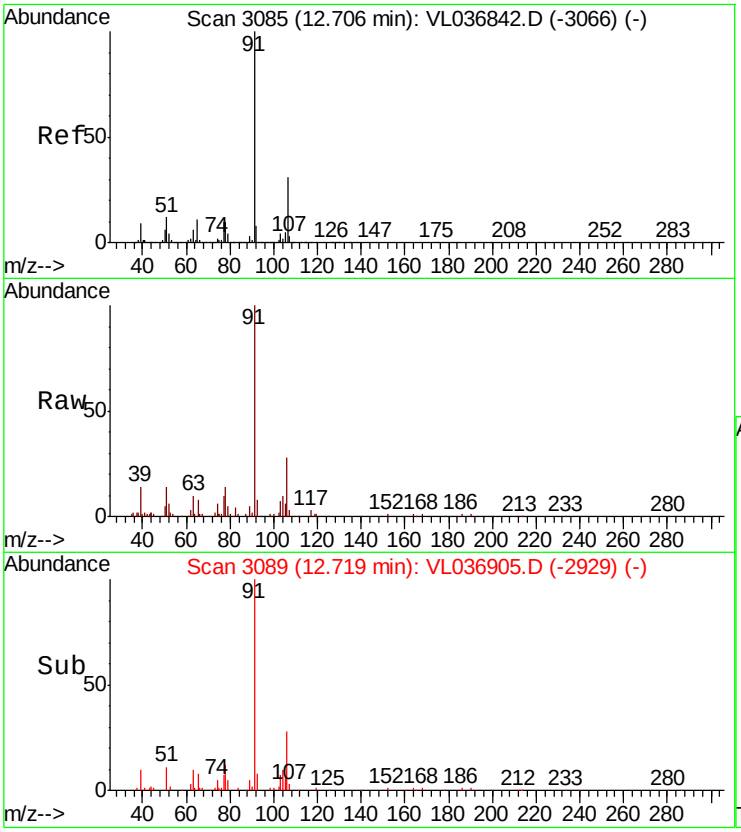


#57
Chlorobenzene
Concen: 0.631 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:112 Resp: 143308

Ion	Ratio	Lower	Upper
112	100		
77	58.5	54.2	81.4
114	29.8	28.5	34.9



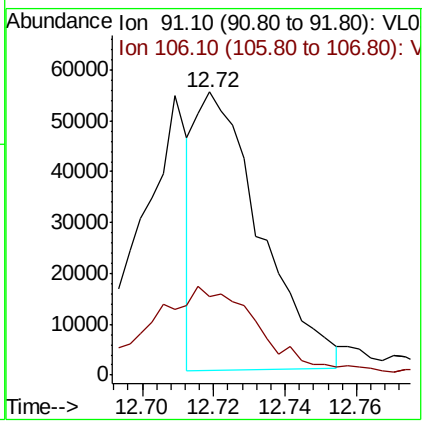


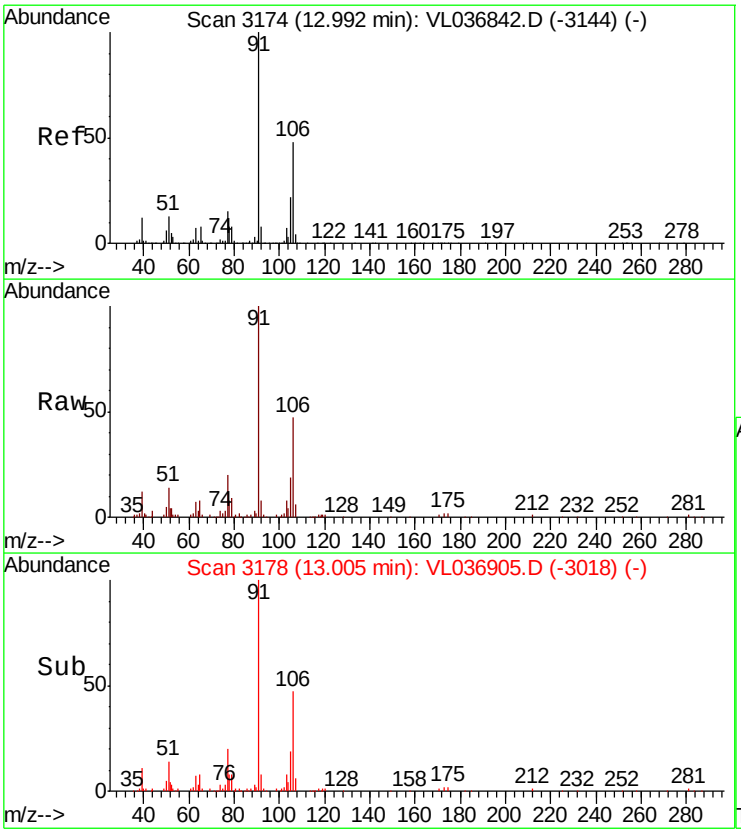
#58
Ethyl Benzene
Concen: 0.187 ppbv
RT: 12.72
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 69329

Ion	Ratio	Lower	Upper
91	100		
106	27.3	25.1	37.7

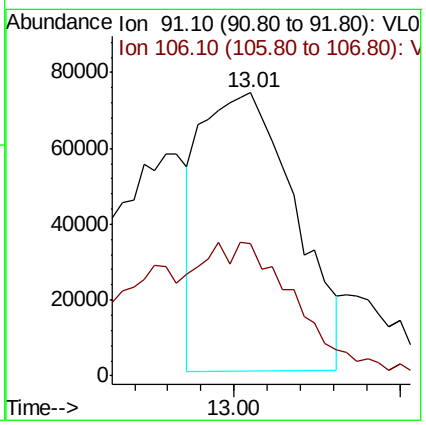


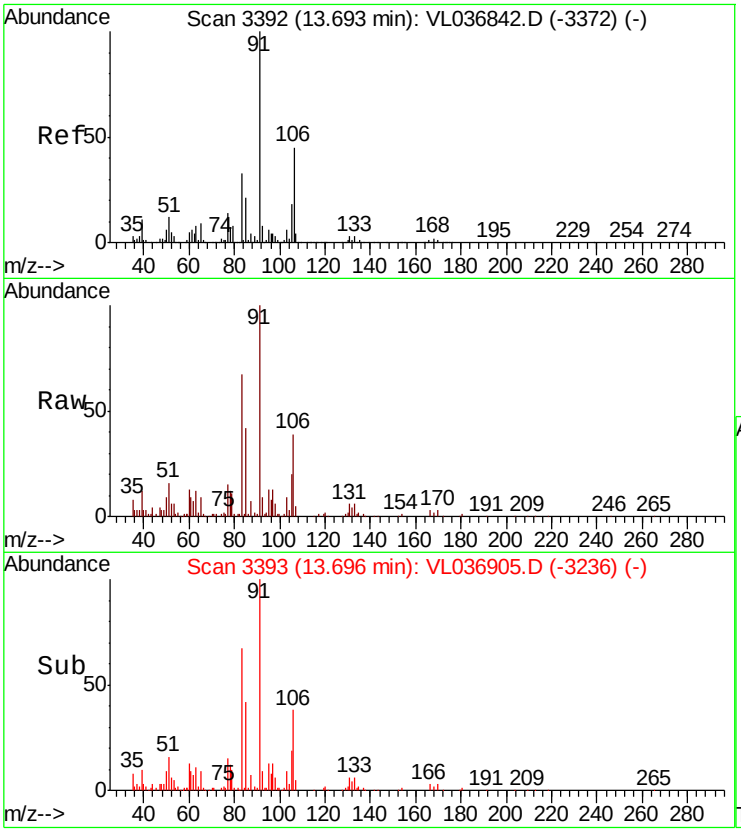


#59
m/p-Xylene
Concen: 0.438 ppbv
RT: 13.01 min Scan# 3178
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 91 Resp: 144756

Ion	Ratio	Lower	Upper
91	100		
106	87.1	35.8	53.6#



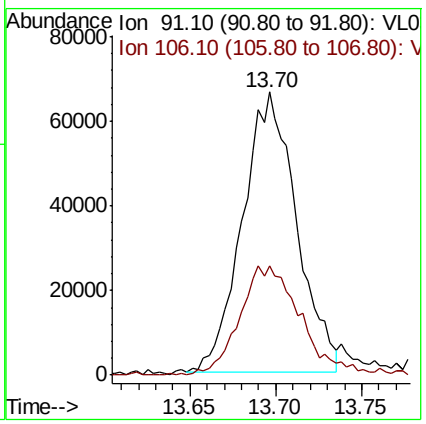


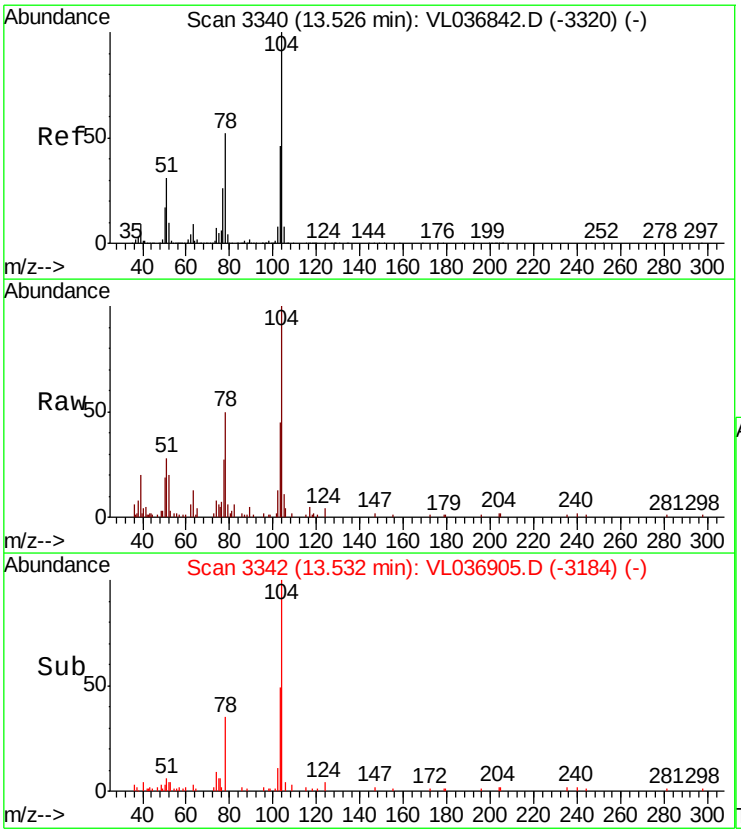
#60
o-Xylene
Concen: 0.453 ppbv
RT: 13.70
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 144732

Ion	Ratio	Lower	Upper
91	100		
106	46.1	22.6	67.7

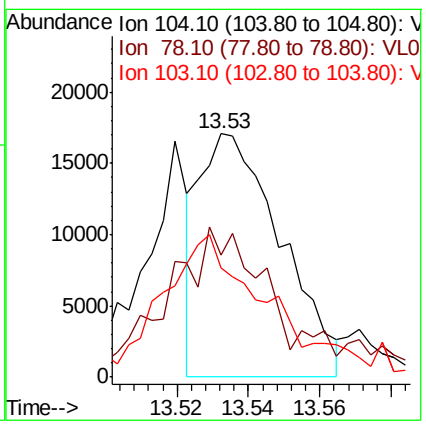


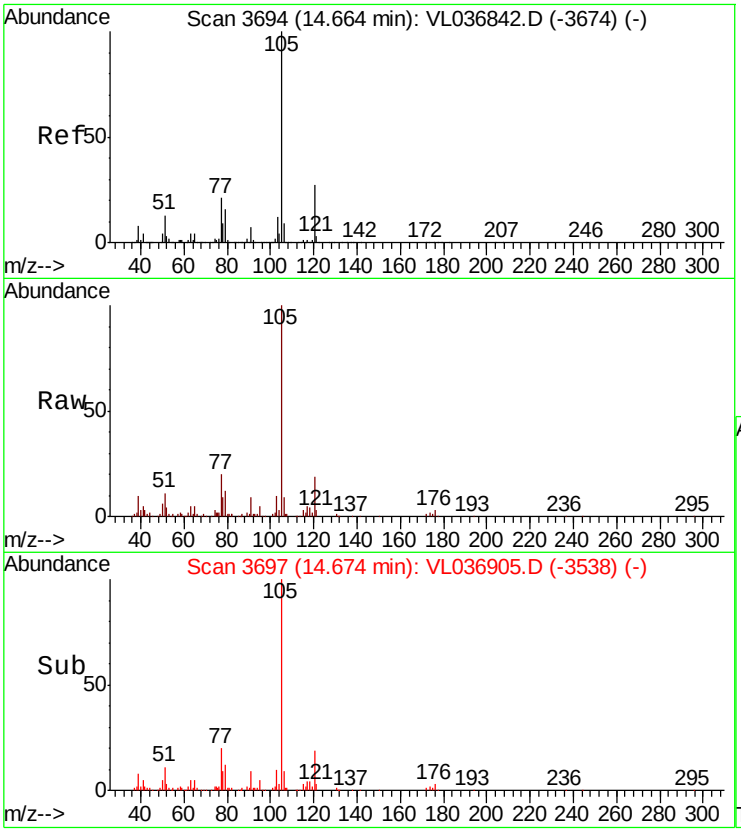


#61
Styrene
Concen: 0.180 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:104 Resp: 27021

Ion	Ratio	Lower	Upper
104	100		
78	90.4	42.6	64.0#
103	79.7	38.1	57.1#



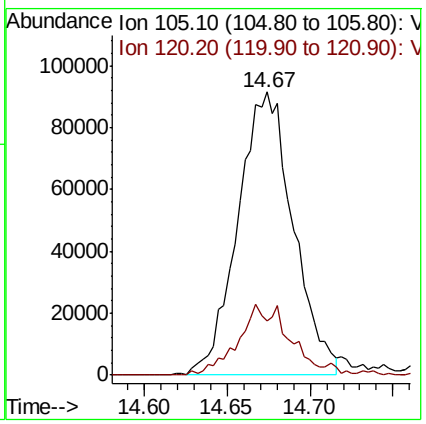


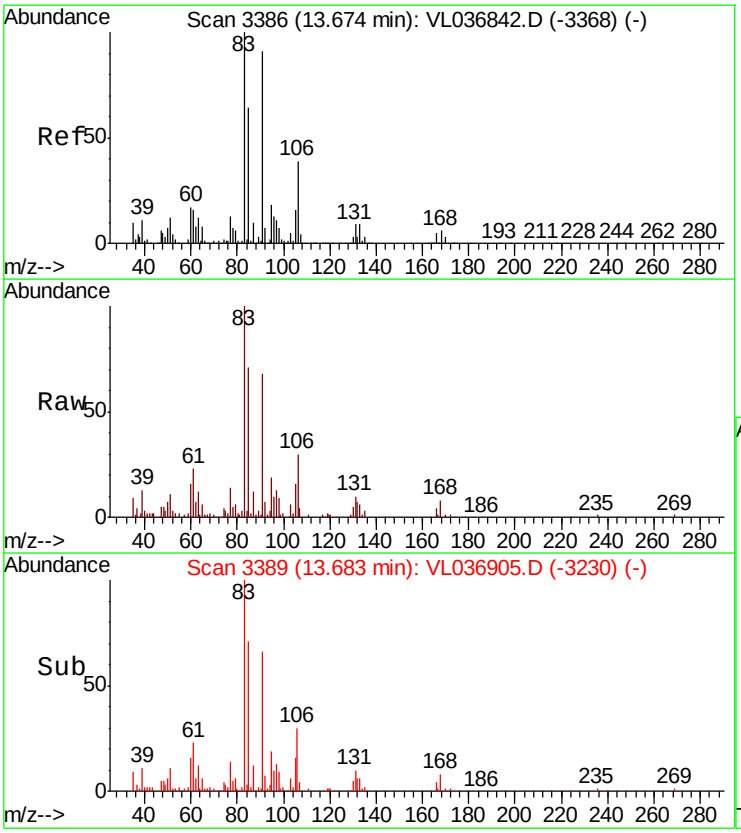
#62
Isopropylbenzene
Concen: 0.484 ppbv
RT: 14.67
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:105 Resp: 210388

Ion	Ratio	Lower	Upper
105	100		
120	24.2	21.1	31.7

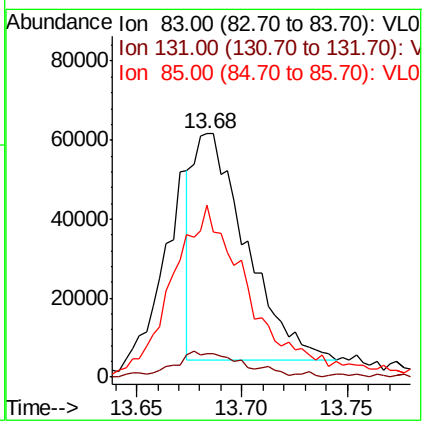


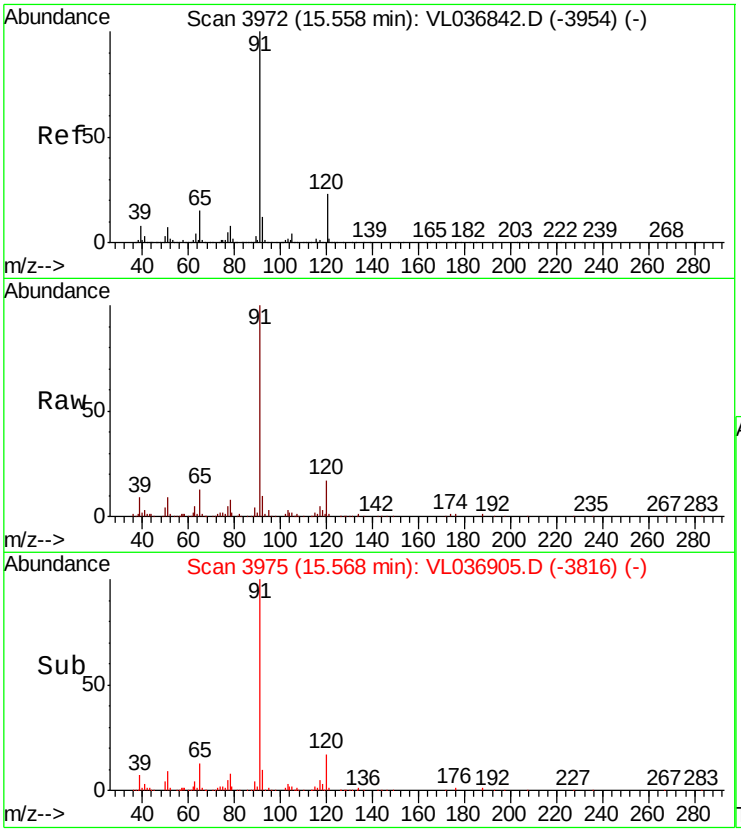


#63
1,1,2,2-Tetrachloroethane
Concen: 0.392 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 83 Resp: 100518

Ion	Ratio	Lower	Upper
83	100		
131	16.2	4.8	14.3#
85	117.3	32.8	98.4#



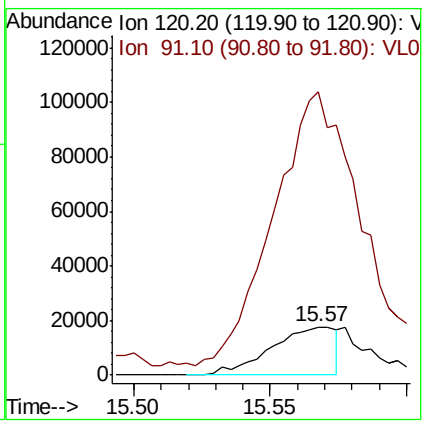


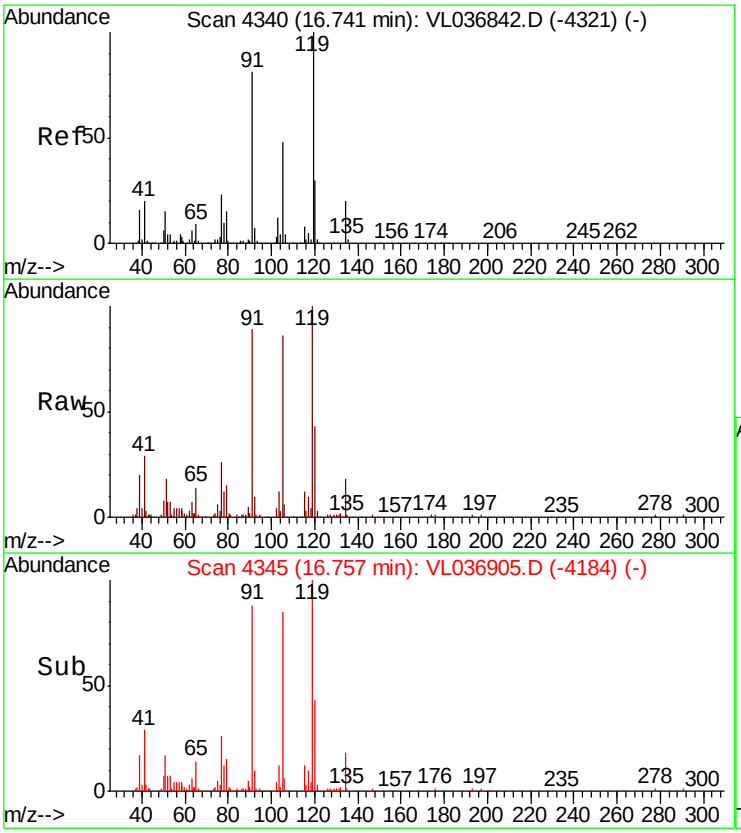
#64
n-propylbenzene
Concen: 0.271 ppbv
RT: 15.57
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:120 Resp: 29351

Ion	Ratio	Lower	Upper
120	100		
91	868.5	378.6	567.8#

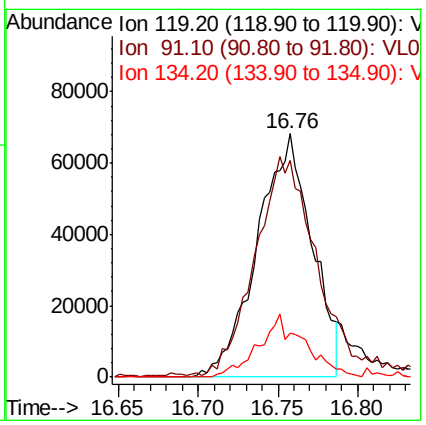


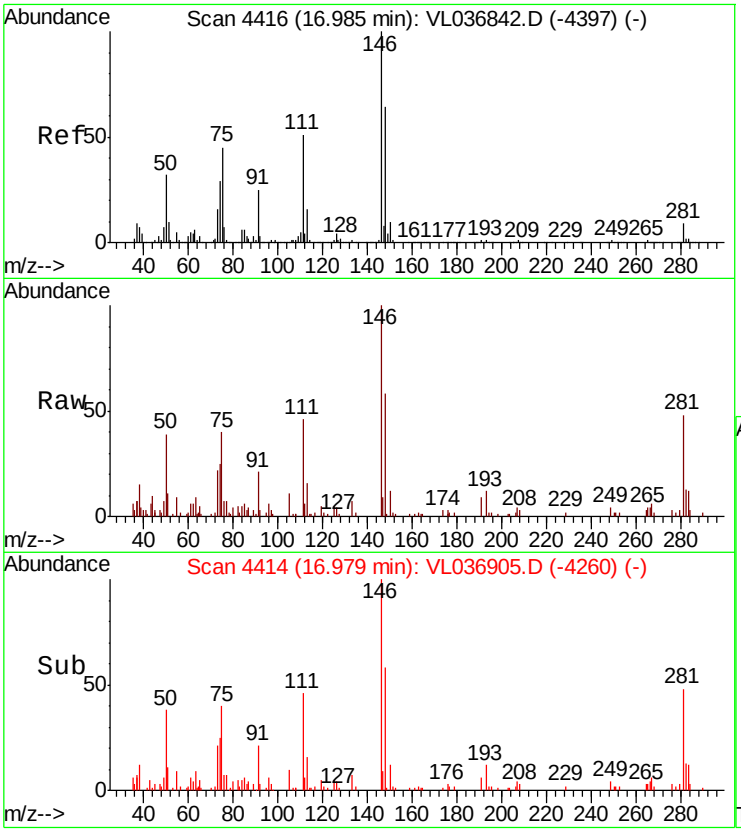


#65
tert-Butylbenzene
Concen: 0.419 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.02 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:119 Resp: 161102

Ion	Ratio	Lower	Upper
119	100		
91	106.2	67.0	100.6#
134	23.1	15.8	23.6



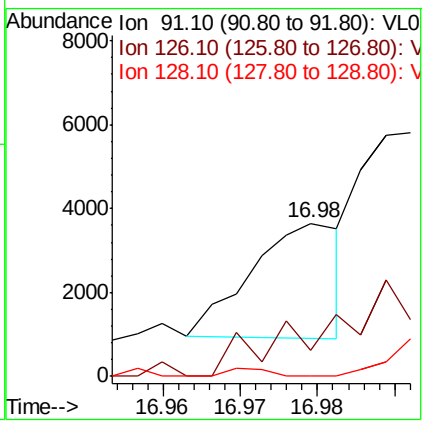


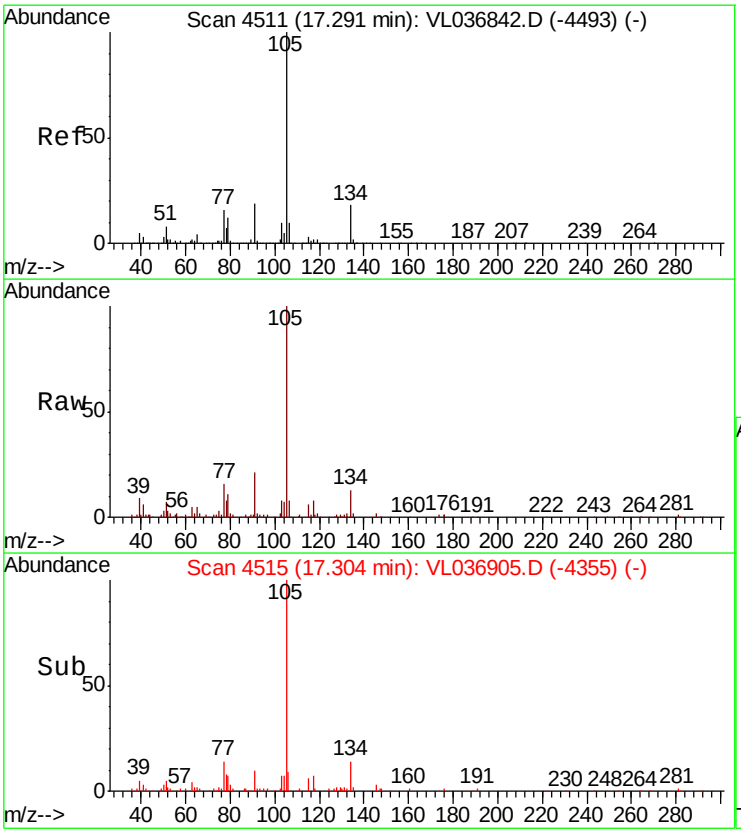
#66
Benzyl Chloride
Concen: 0.059 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 2224

Ion	Ratio	Lower	Upper
91	100		
126	87.2	14.1	21.1#
128	4.8	4.8	7.2#

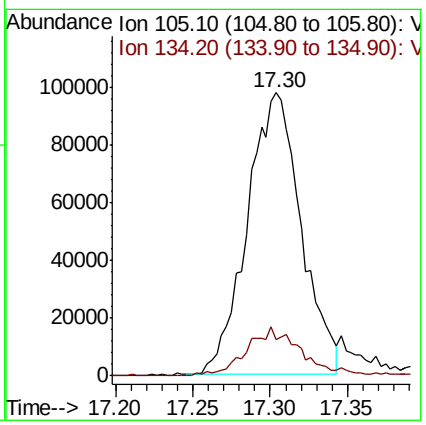


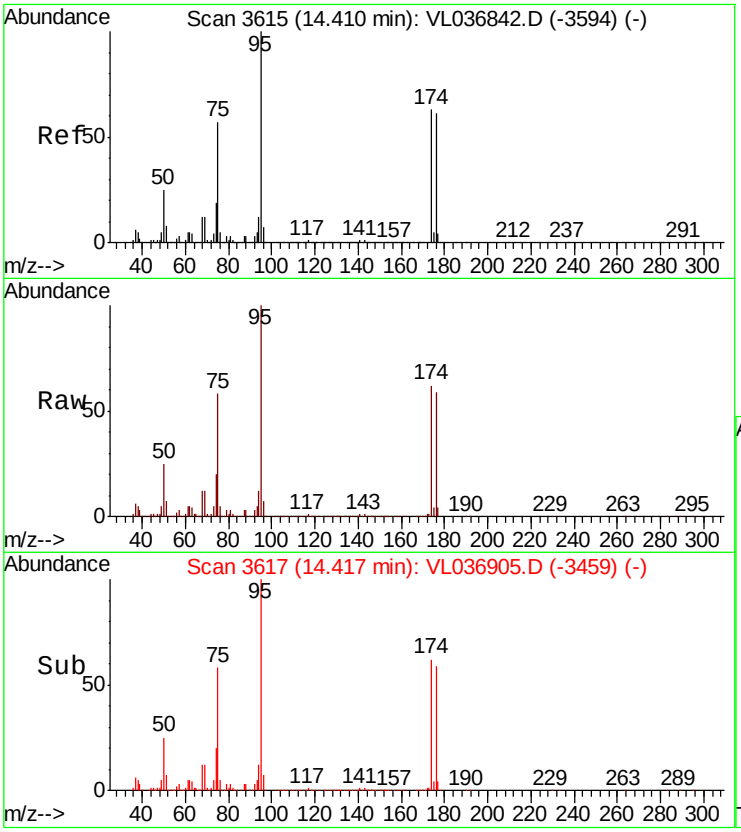


#67
sec-Butylbenzene
Concen: 0.442 ppbv
RT: 17.30 min Scan# 4515
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:105 Resp: 236246

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.8	22.2



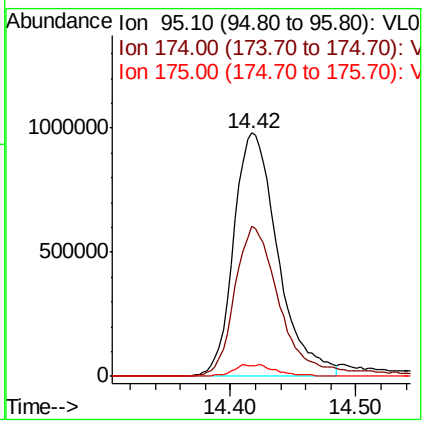


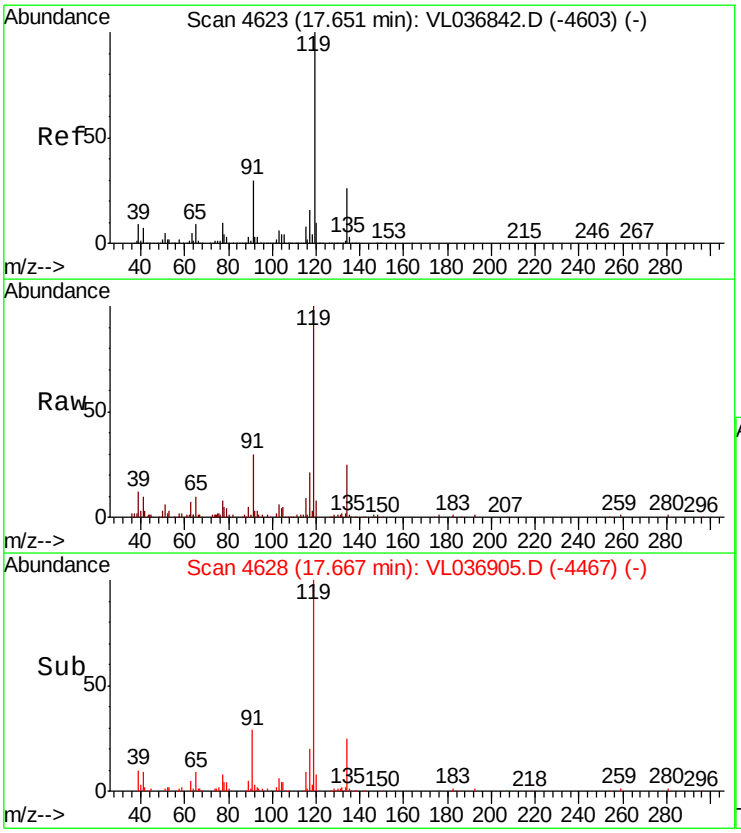
#68
1-Bromo-4-Fluorobenzene
Concen: 10.274 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 95 Resp: 2405117

Ion	Ratio	Lower	Upper
95	100		
174	66.1	52.2	78.2
175	4.6	4.0	6.0

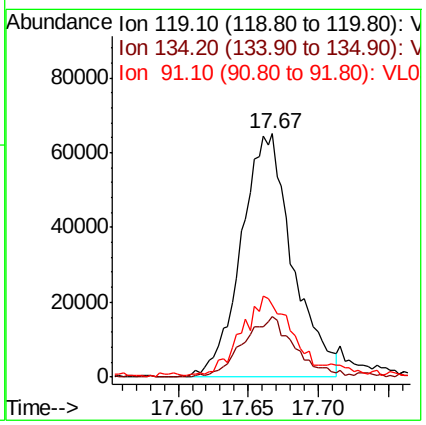


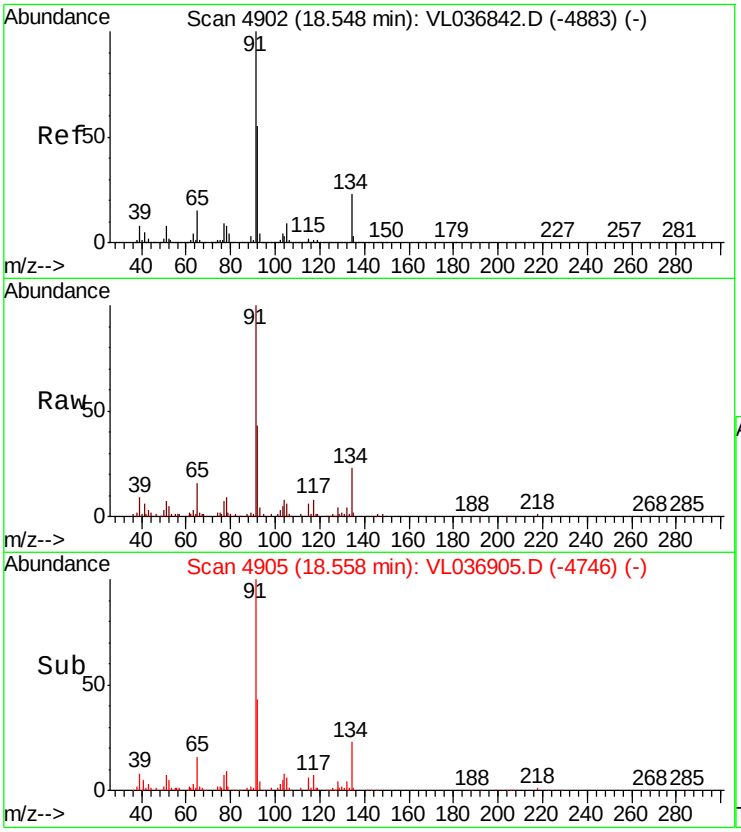


#69
p-Isopropyltoluene
Concen: 0.386 ppbv
RT: 17.67 min Scan# 4628
Delta R.T. 0.02 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:119 Resp: 165202

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	31.0
91	37.6	24.2	36.4#



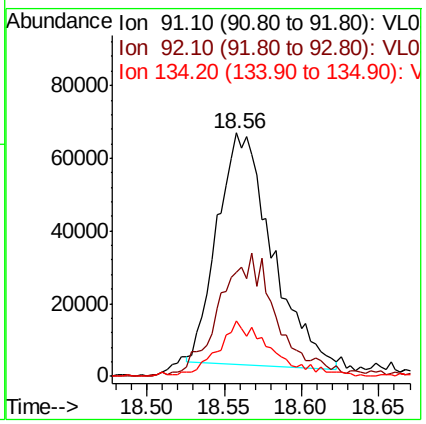


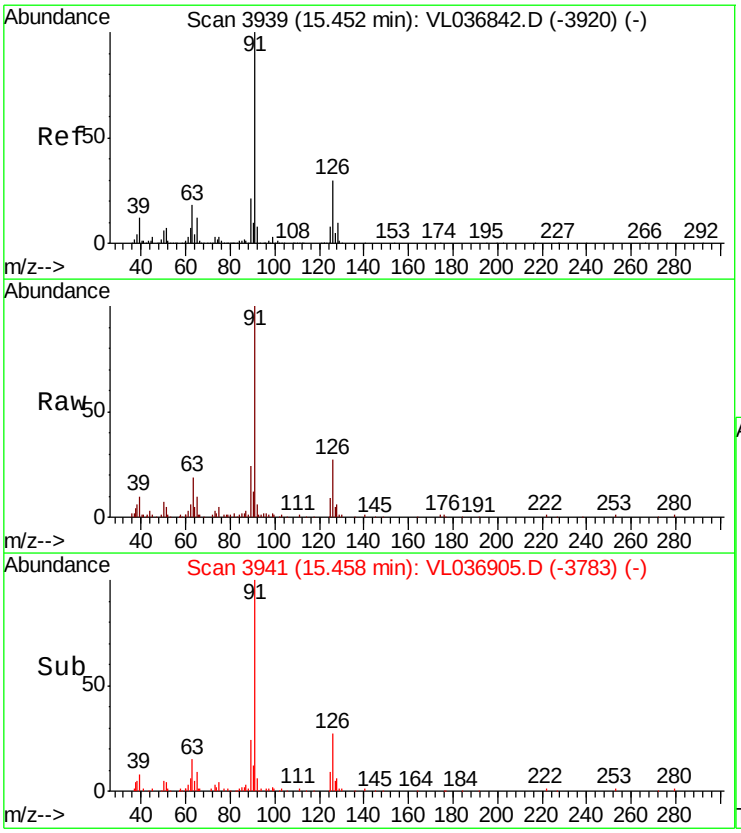
#70
n-Butylbenzene
Concen: 0.365 ppbv
RT: 18.56
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion: 91 Resp: 157282

Ion	Ratio	Lower	Upper
91	100		
92	57.0	43.5	65.3
134	23.5	18.2	27.4

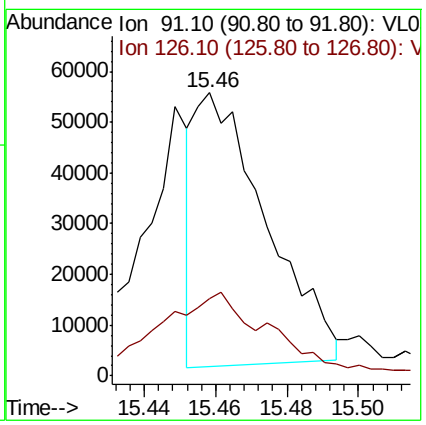


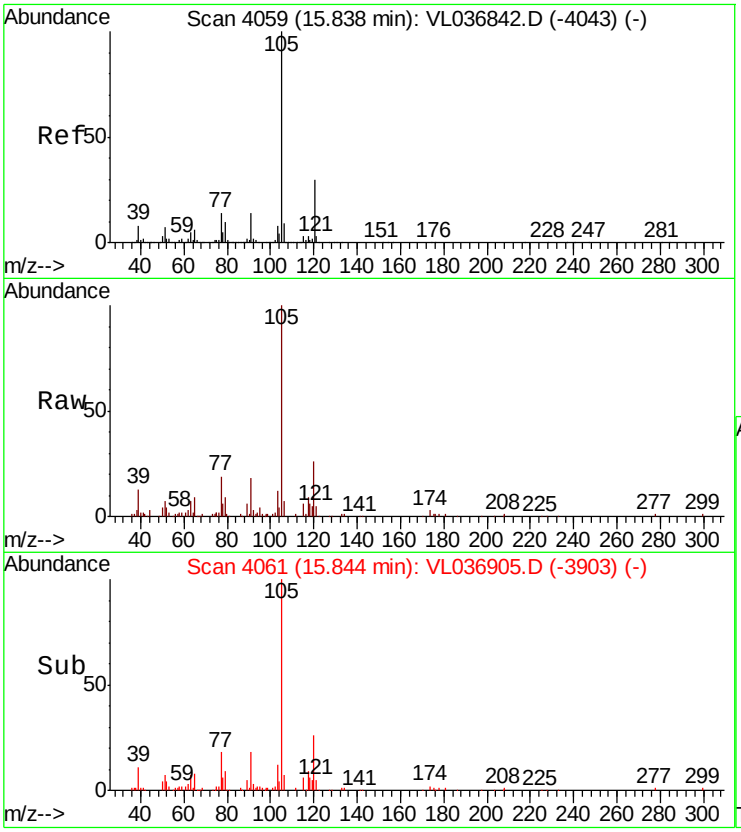


#71
2-Chlorotoluene
Concen: 0.229 ppbv
RT: 15.46 min Scan# 3941
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion: 91 Resp: 73812

Ion	Ratio	Lower	Upper
91	100		
126	54.6	12.3	49.3#



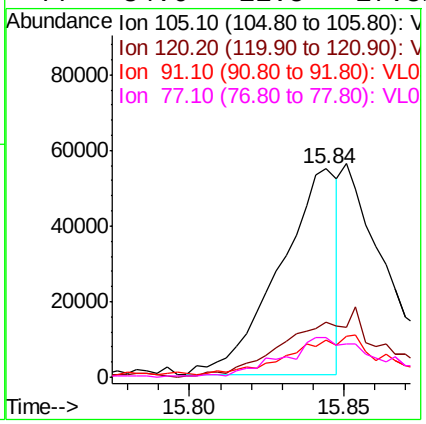


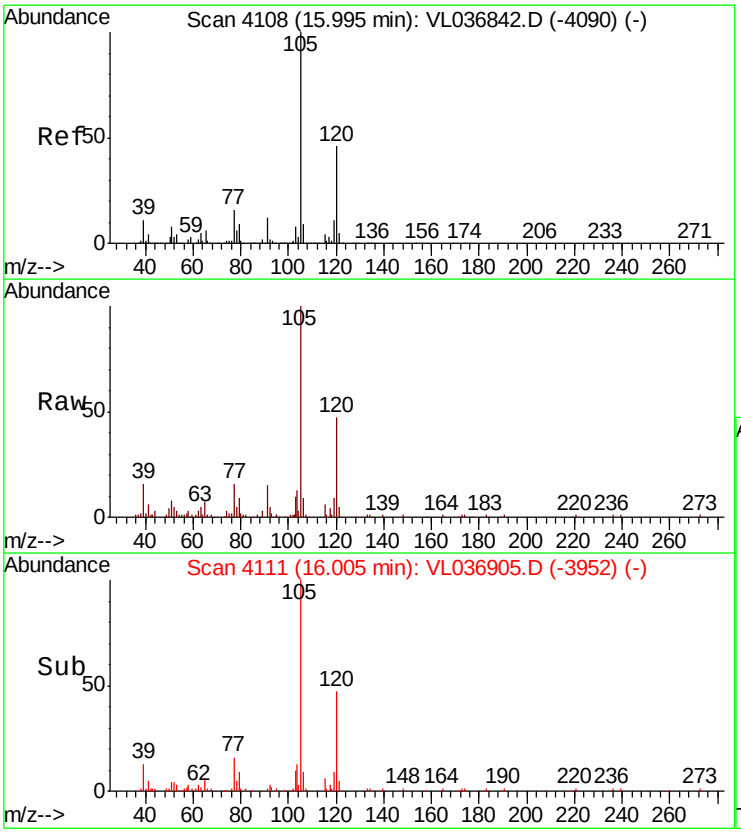
#72
4-Ethyltoluene
Concen: 0.209 ppbv
RT: 15.84
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:105 Resp: 71671

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.8	35.6#
91	0.0	10.7	16.1#
77	34.6	11.5	17.3#

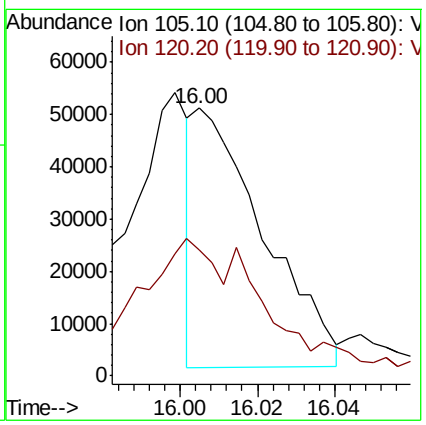


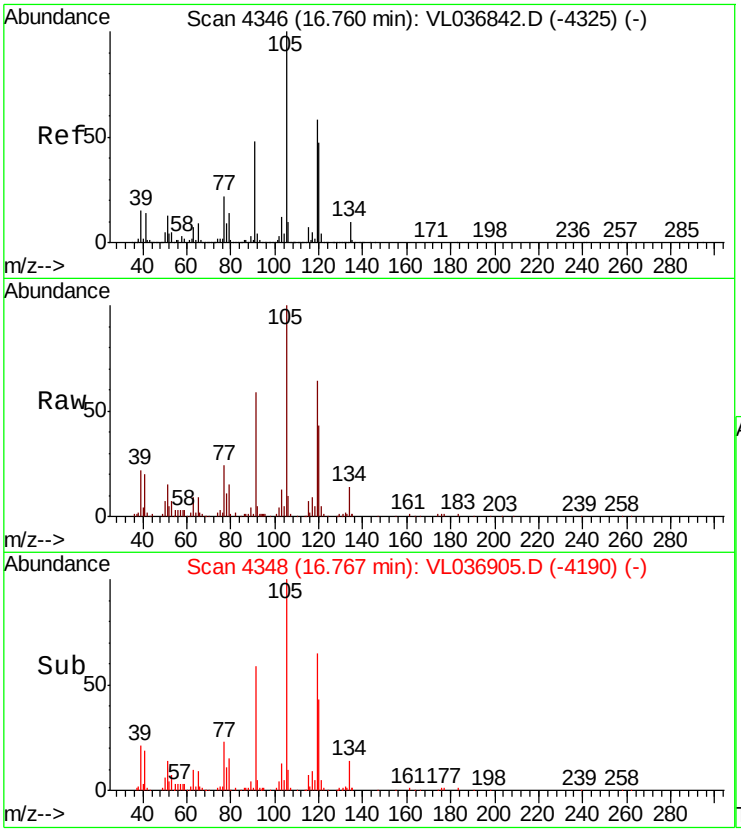


#73
1,3,5-Trimethylbenzene
Concen: 0.184 ppbv
RT: 16.00 min Scan# 4111
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:105 Resp: 61074

Ion	Ratio	Lower	Upper
105	100		
120	40.1	36.8	55.2



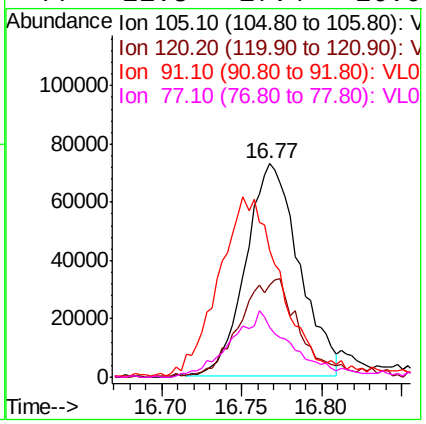


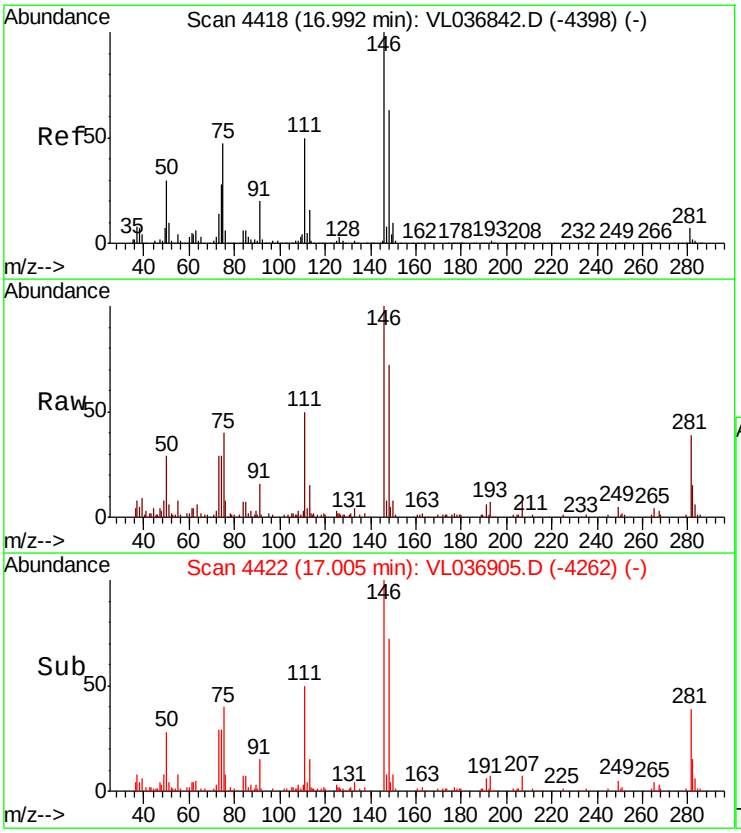
#74
1,2,4-Trimethylbenzene
Concen: 0.476 ppbv
RT: 16.77
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:105 Resp: 168372

Ion	Ratio	Lower	Upper
105	100		
120	42.3	37.6	56.4
91	54.0	39.0	58.4
77	21.8	17.4	26.0

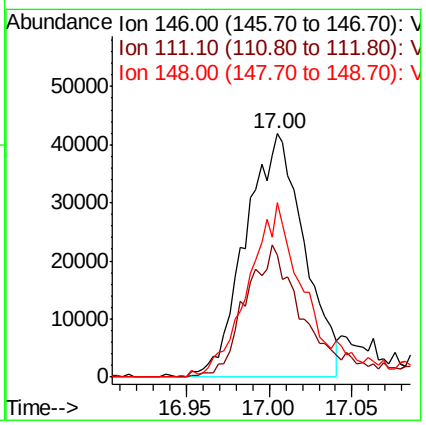


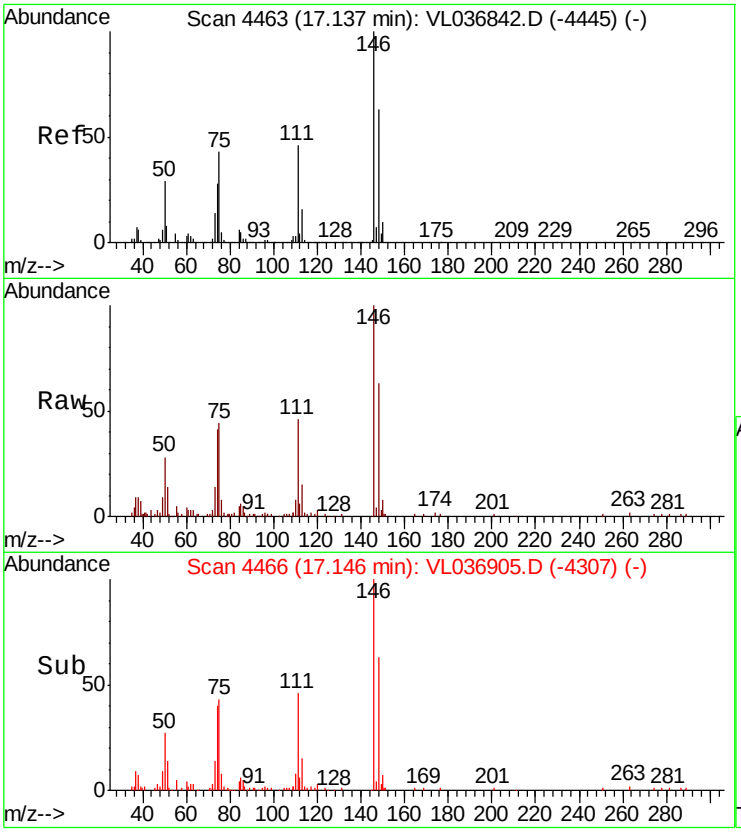


#75
1,3-Dichlorobenzene
Concen: 0.494 ppbv
RT: 17.00 min Scan# 4422
Delta R.T. 0.01 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:146 Resp: 103146

Ion	Ratio	Lower	Upper
146	100		
111	56.3	24.2	72.6
148	72.9	32.1	96.3



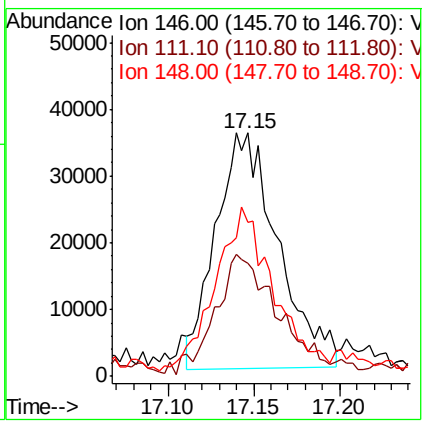


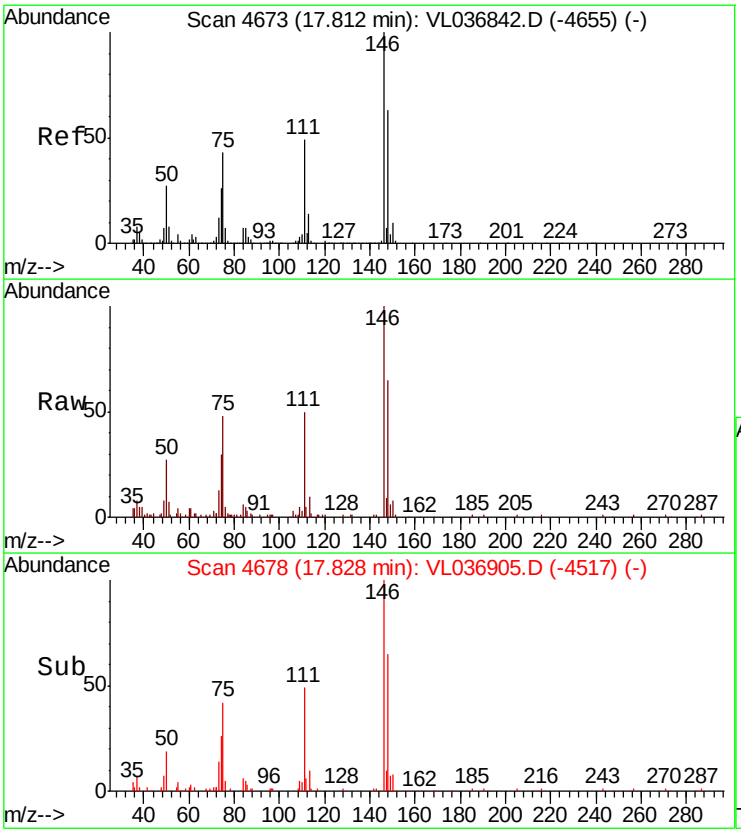
#76
1,4-Dichlorobenzene
Concen: 0.434 ppbv
RT: 17.15
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:146 Resp: 88760

Ion	Ratio	Lower	Upper
146	100		
111	52.9	24.3	72.8
148	76.0	32.4	97.0

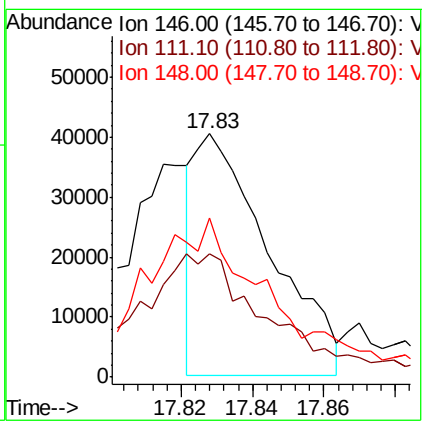


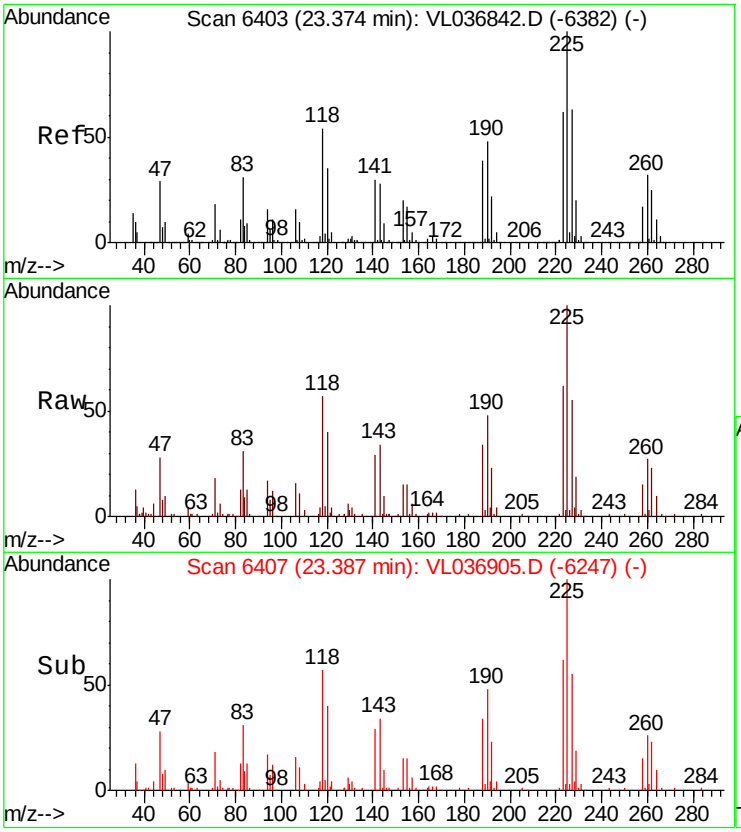


#77
1,2-Dichlorobenzene
Concen: 0.284 ppbv
RT: 17.83 min Scan# 4678
Delta R.T. 0.02 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:146 Resp: 57862

Ion	Ratio	Lower	Upper
146	100		
111	99.6	25.0	75.0#
148	124.3	32.4	97.0#



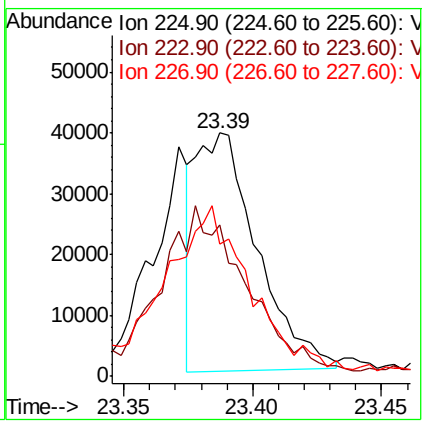


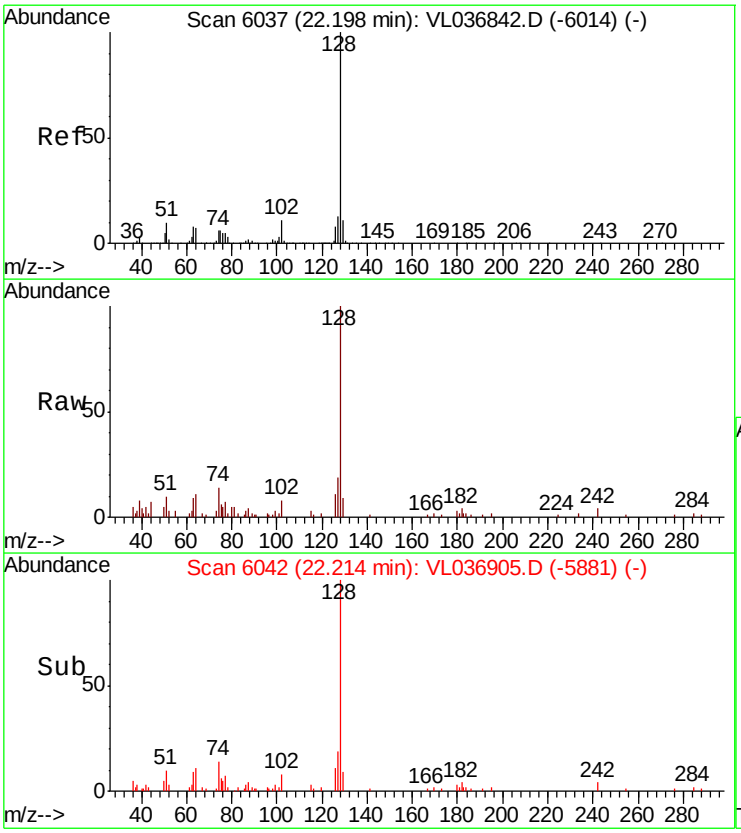
#78
Hexachloro-1,3-Butadiene
Concen: 0.375 ppbv
RT: 23.39
Delta R.T
Lab File:
Acq: 6 May 2021 16:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:225 Resp: 65080

Ion	Ratio	Lower	Upper
225	100		
223	106.6	51.2	76.8#
227	107.8	51.8	77.6#

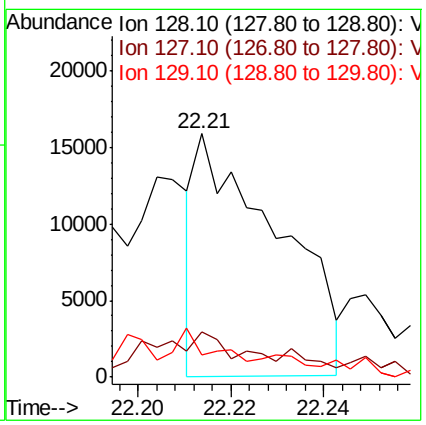


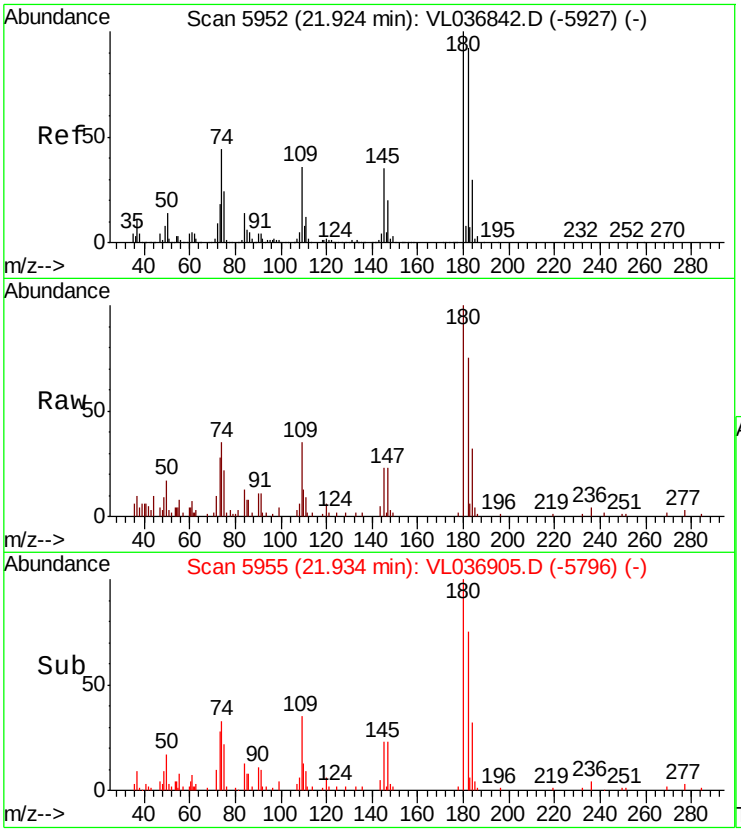


#79
Naphthalene
Concen: 0.098 ppbv
RT: 22.21 min Scan# 6042
Delta R.T. 0.02 min
Lab File: VL036905.D
Acq: 6 May 2021 16:04

Tgt Ion:128 Resp: 19383

Ion	Ratio	Lower	Upper
128	100		
127	18.9	10.6	15.8#
129	2.1	9.0	13.4#





#81
1,2,4-Trichlorobenzene
Concen: 0.157 ppbv
RT: 21.93
Delta R.T
Lab File:
Acq: 6 May 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2021

Tgt Ion:180 Resp: 20117

Ion	Ratio	Lower	Upper
180	100		
182	0.0	80.9	121.3#
184	67.7	25.3	37.9#