Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036904.D
Acq On : 6 May 2021 15:27
Operator : SY/AP
Sample : M2262-13 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Quant Time: May 07 08:11:31 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	1439030	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.18	114	3352553	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.09	117	2922028	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2470501	10.53	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.19	85	111637	0.493	ppbv		95
3) Chlorodifluoromethane	2.99	51	146204	0.558	ppbv		98
4) Chloromethane	3.15	50	42052	0.488	ppbv		92
5) Vinyl Chloride	3.26	62	18243	0.210	ppbv		96
6) Bromomethane	3.48	94	20217	0.433	ppbv		88
7) Chloroethane	3.56	64	12242	0.429	ppbv	#	86
8) Dichlorotetrafluoroethane	3.19	85	111637	0.540	ppbv		98
9) Propene	3.02	41	30313	0.380	ppbv		87
10) Heptane	8.13	43	31259	0.156	ppbv	#	6
11) Trichlorofluoromethane	3.95	101	105506	0.522	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	48378	0.357	ppbv	#	52
13) Ethanol	3.62	45	1008	0.099	ppbv	#	34
14) Bromoethene	3.75	108	20332	0.368	ppbv	#	58
15) Acetone	3.88	43	66502	0.490	ppbv	#	55
16) 1,3-Butadiene	3.33	39	33998	0.392	ppbv		85
18) 1,1-Dichloroethene	4.30	96	22660	0.385	ppbv		84
20) Methylene Chloride	4.35	84	22271	0.343	ppbv		99
21) Allyl Chloride	4.42	41	34722	0.345	ppbv	#	60
22) trans-1,2-Dichloroethene	4.89	96	21955	0.372	ppbv	#	87
23) Vinyl Acetate	5.08	43	6885	0.037	ppbv	#	32
24) 1,1-Dichloroethane	5.02	63	77883	0.595	ppbv		97
25) Ethyl Acetate	5.70	43	130039	0.393	ppbv	#	94
26) Hexane	5.69	57	58787	0.379	ppbv	#	77
27) Carbon Disulfide	4.56	76	56214	0.418	ppbv	#	67
28) Methyl tert-Butyl Ether	5.06	73	37869	0.276	ppbv	#	53
29) Chloroform	5.76	83	127686	0.528	ppbv		98
30) Cyclohexane	7.14	84	28941	0.235	ppbv	#	12
31) cis-1,2-Dichloroethene	5.55	61	21914	0.158	ppbv		95
32) 1,1,1-Trichloroethane	6.52	97	120961	0.492	ppbv		96
34) 2-Butanone	5.28	43	46049	0.314	ppbv	#	75
35) Carbon Tetrachloride	7.03	117	122121	0.537	ppbv		85
36) Benzene	6.90	78	104224	0.369	ppbv		94
37) 1,2-Dichloroethane	6.32	62	39211	0.245	ppbv	#	75
38) Trichloroethene	7.84	130	37226	0.370	ppbv		96
39) 1,2-Dichloropropane	7.63	63	22553	0.199	ppbv		89
42) Bromodichloromethane	7.80	83	57899	0.261	ppbv	#	85
43) Methyl Methacrylate	8.02	69	4183	0.045	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	187112	0.387	ppbv	#	82
45) t-1,3-Dichloropropene	9.28	75	20129	0.203	ppbv		97
46) cis-1,3-Dichloropropene	8.71	75	36441	0.286	ppbv		96
47) 1,1,2-Trichloroethane	9.48	97	59166	0.505	ppbv	#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036904.D
Acq On : 6 May 2021 15:27
Operator : SY/AP
Sample : M2262-13 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Quant Time: May 07 08:11:31 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)
48) Dibromochloromethane	10.31	129	78065	0.450	ppbv		98
49) Bromoform	13.05	173	18124	0.131	ppbv	#	27
52) Tetrachloroethene	11.23	164	37848	0.393	ppbv		88
53) Toluene	9.81	91	79354	0.268	ppbv		96
54) 1,2-Dibromoethane	10.62	107	44935	0.272	ppbv		89
56) 1,1,1,2-Tetrachloroethane	12.13	131	74753	0.610	ppbv	#	1
57) Chlorobenzene	12.15	112	117384	0.516	ppbv	#	92
58) Ethyl Benzene	12.71	91	36649	0.099	ppbv		94
59) m/p-Xylene	13.00	91	33238	0.100	ppbv	#	1
60) o-Xylene	13.70	91	122626	0.383	ppbv		98
61) Styrene	13.53	104	11761	0.078	ppbv	#	1
62) Isopropylbenzene	14.67	105	174216	0.400	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	135384	0.527	ppbv		91
64) n-propylbenzene	15.57	120	11147	0.103	ppbv	#	1
65) tert-Butylbenzene	16.75	119	140965	0.366	ppbv	#	82
66) Benzyl Chloride	16.99	91	2024	0.054	ppbv	#	29
67) sec-Butylbenzene	17.30	105	141915	0.265	ppbv	#	84
69) p-Isopropyltoluene	17.67	119	89460	0.209	ppbv	#	58
70) n-Butylbenzene	18.56	91	64021	0.148	ppbv	#	18
71) 2-Chlorotoluene	15.45	91	110492	0.342	ppbv		100
72) 4-Ethyltoluene	15.84	105	22223	0.065	ppbv	#	55
73) 1,3,5-Trimethylbenzene	16.00	105	110645	0.332	ppbv		97
74) 1,2,4-Trimethylbenzene	16.77	105	141559	0.400	ppbv		94
75) 1,3-Dichlorobenzene	17.00	146	47738	0.228	ppbv	#	10
76) 1,4-Dichlorobenzene	17.15	146	67890	0.331	ppbv		76
77) 1,2-Dichlorobenzene	17.82	146	45906	0.225	ppbv	#	18
78) Hexachloro-1,3-Butadiene	23.39	225	34908	0.201	ppbv	#	1
79) Naphthalene	22.22	128	10991	0.055	ppbv	#	69
81) 1,2,4-Trichlorobenzene	21.94	180	12195	0.095	ppbv	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036904.D
Acq On : 6 May 2021 15:27
Operator : SY/AP
Sample : M2262-13 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Quant Time: May 07 08:11:31 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
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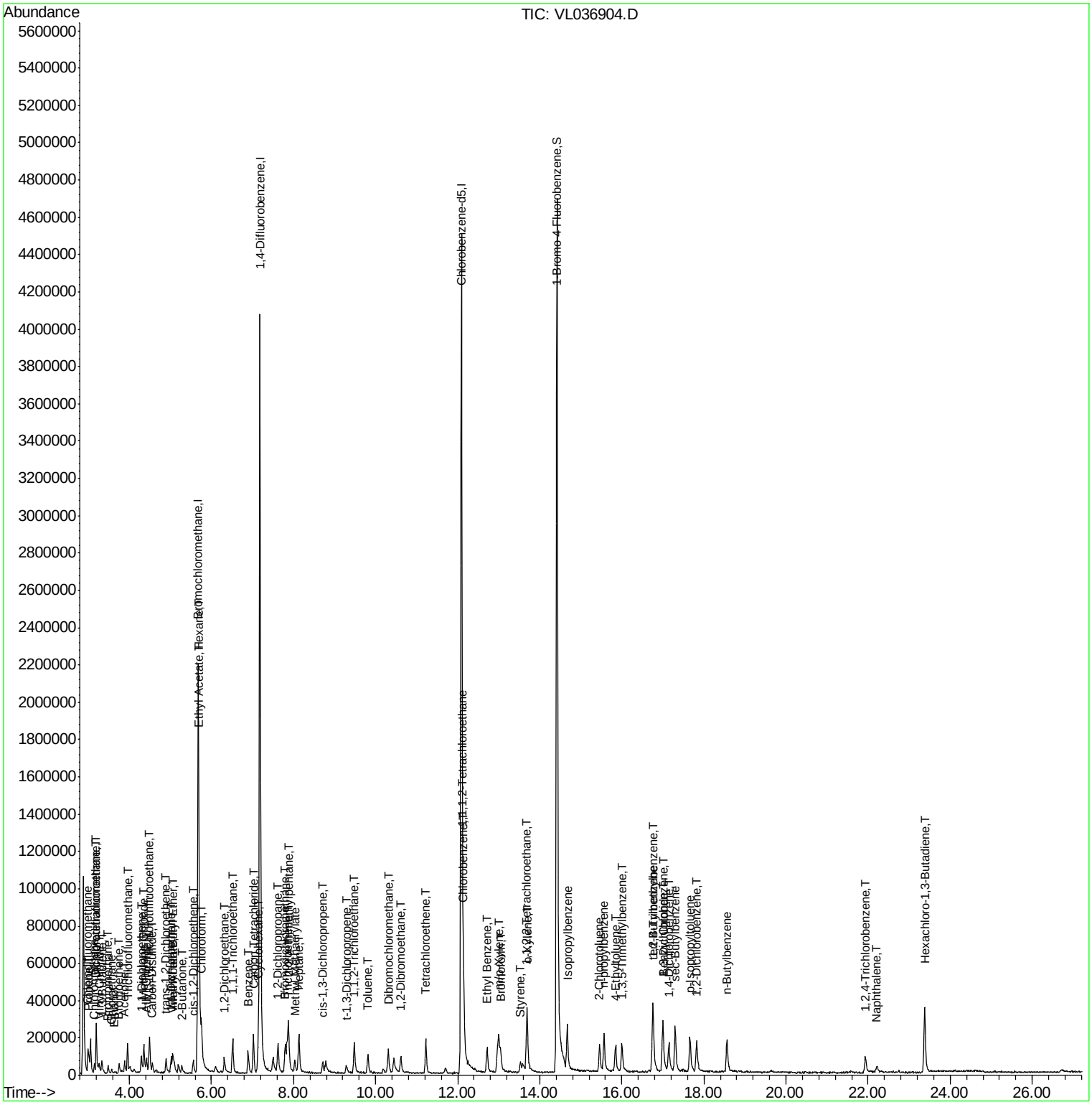
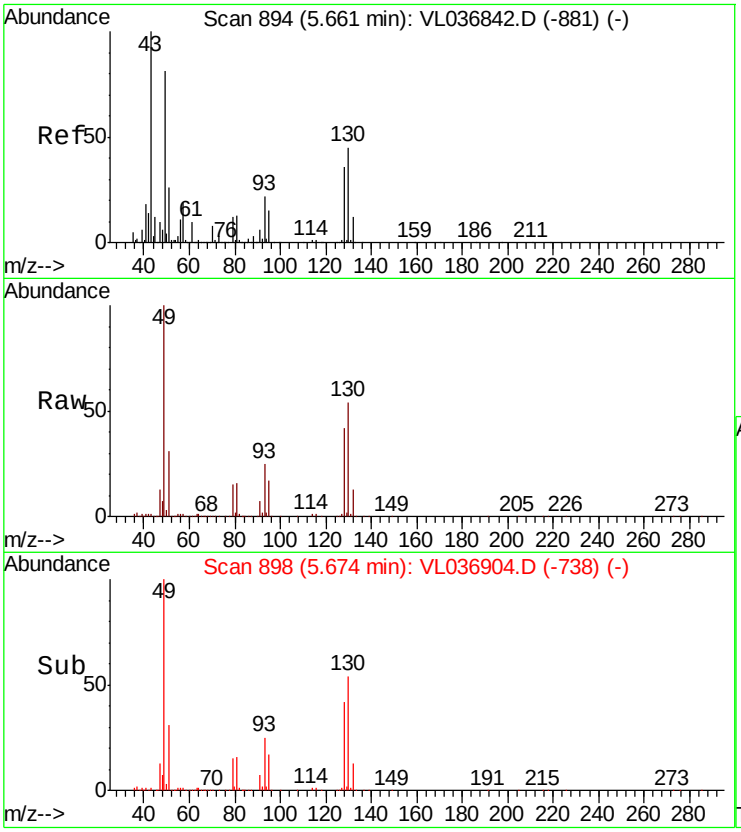


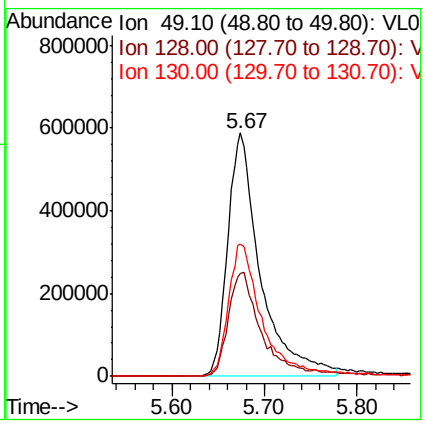


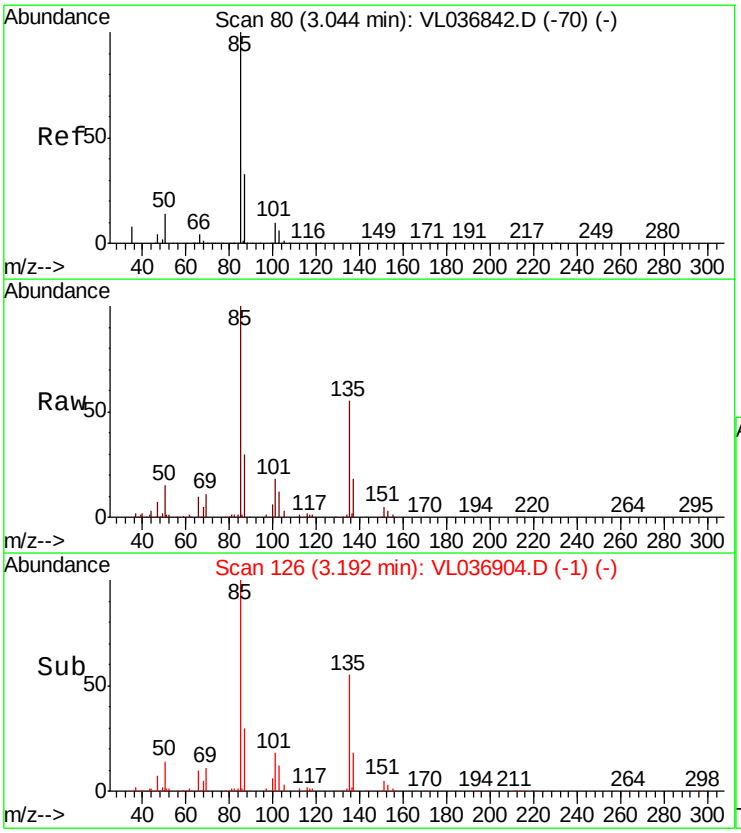
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 49 Resp: 1439030

Ion	Ratio	Lower	Upper
49	100		
128	45.3	24.4	73.2
130	57.6	30.3	90.8

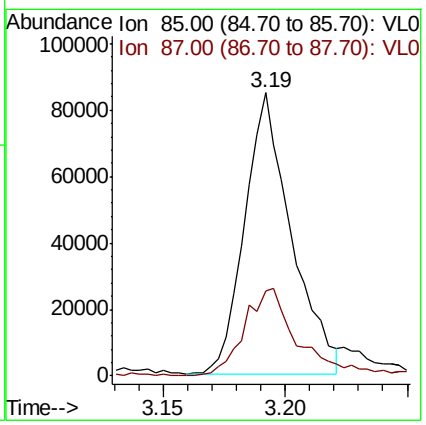


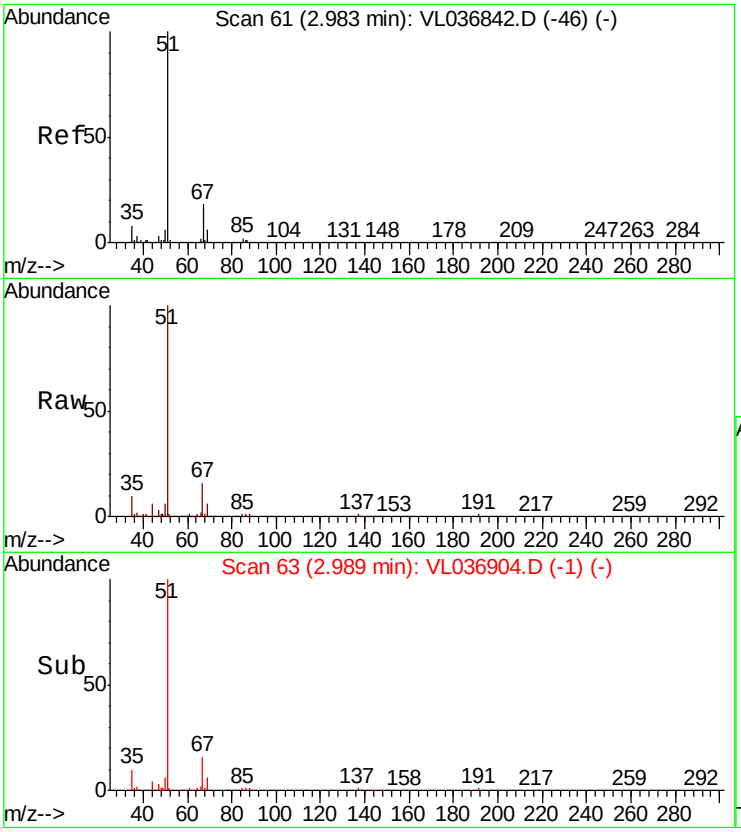


#2
Dichlorodifluoromethane
Concen: 0.493 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.15 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 85 Resp: 111637

Ion	Ratio	Lower	Upper
85	100		
87	30.0	26.2	39.2



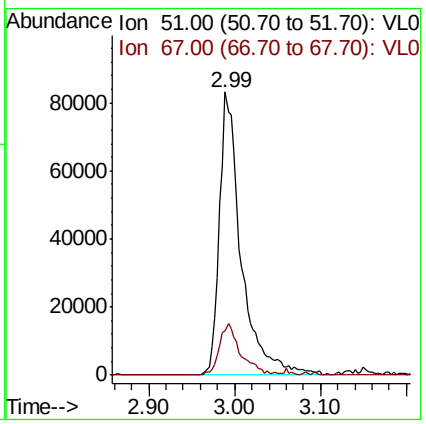


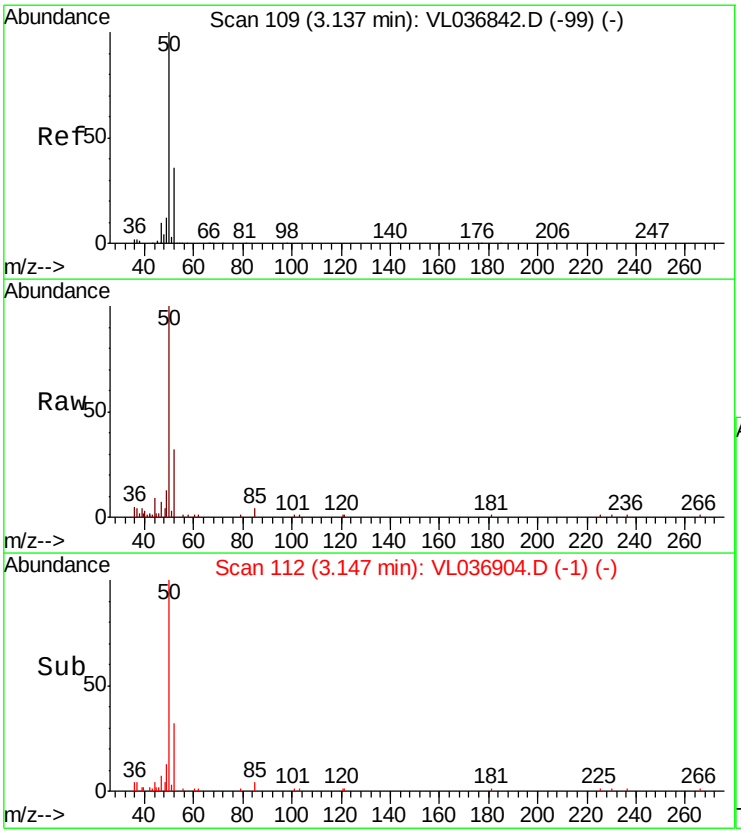
#3
Chlorodifluoromethane
Concen: 0.558 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 51 Resp: 146204

Ion	Ratio	Lower	Upper
51	100		
67	17.6	14.8	22.2

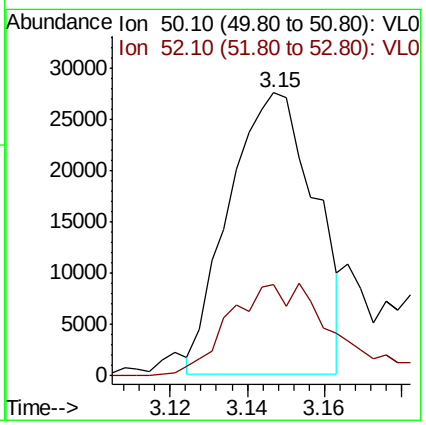


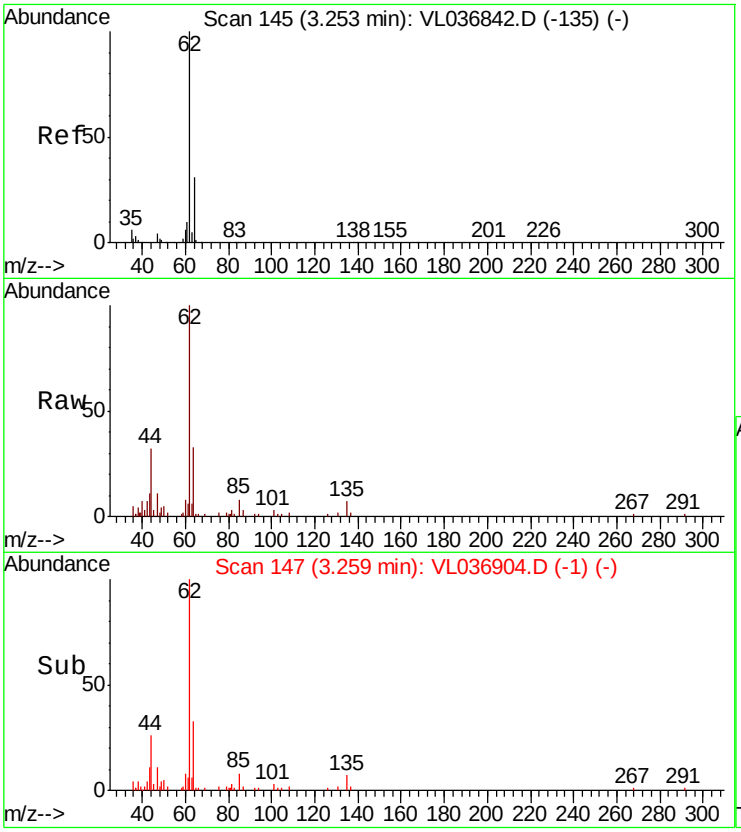


#4
Chloromethane
Concen: 0.488 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 50 Resp: 42052

Ion	Ratio	Lower	Upper
50	100		
52	30.7	28.5	42.7



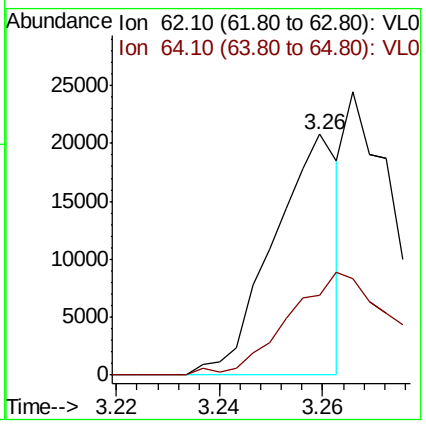


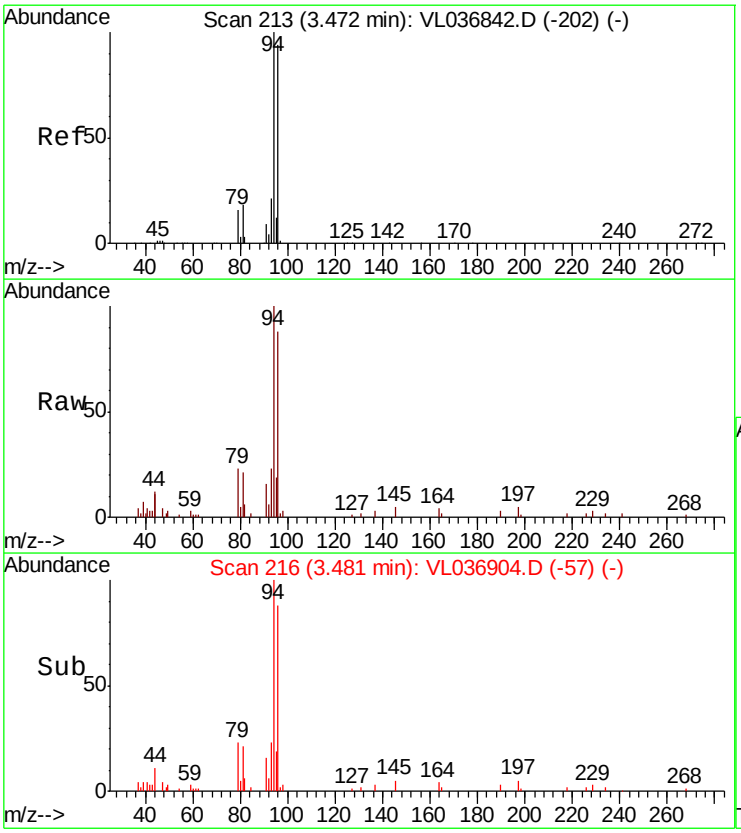
#5
Vinyl Chloride
Concen: 0.210 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 62 Resp: 18243

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.0	37.4

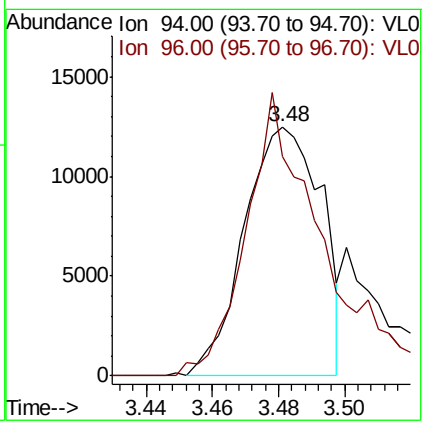


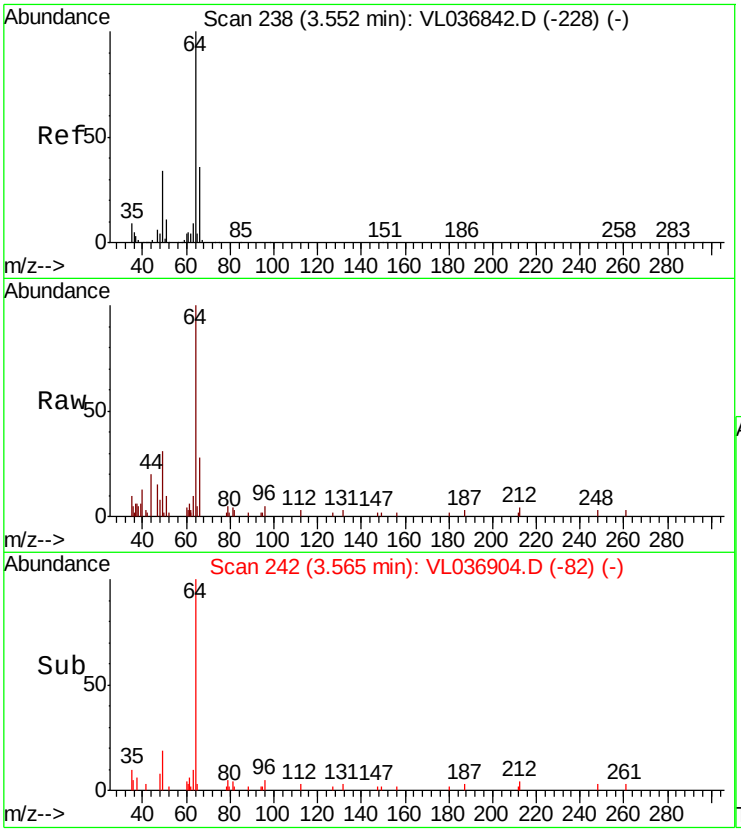


#6
Bromomethane
Concen: 0.433 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 94 Resp: 20217

Ion	Ratio	Lower	Upper
94	100		
96	82.4	75.4	113.0



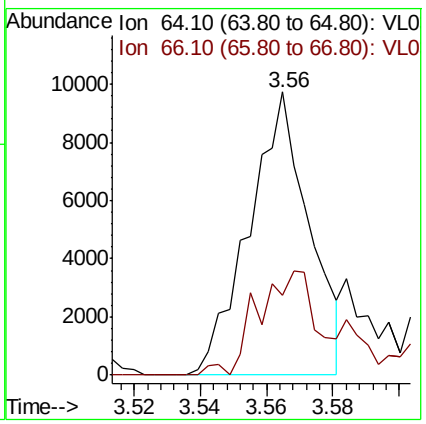


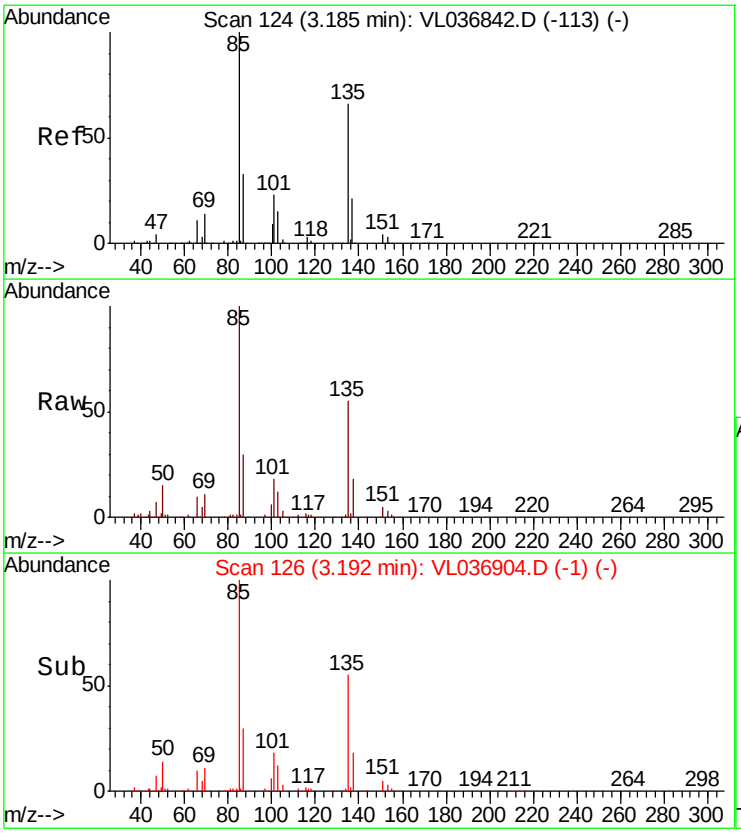
#7
Chloroethane
Concen: 0.429 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 64 Resp: 12242

Ion	Ratio	Lower	Upper
64	100		
66	28.2	29.0	43.6#

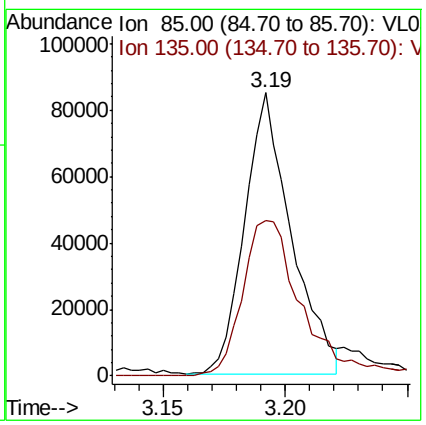


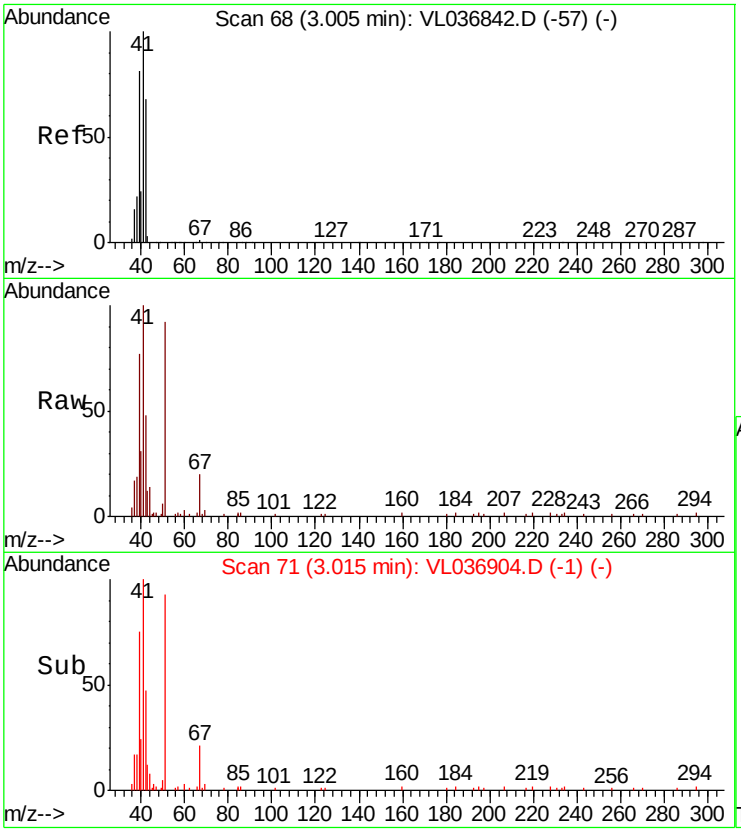


#8
Dichlorotetrafluoroethane
Concen: 0.540 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 85 Resp: 111637

Ion	Ratio	Lower	Upper
85	100		
135	71.7	56.2	84.4



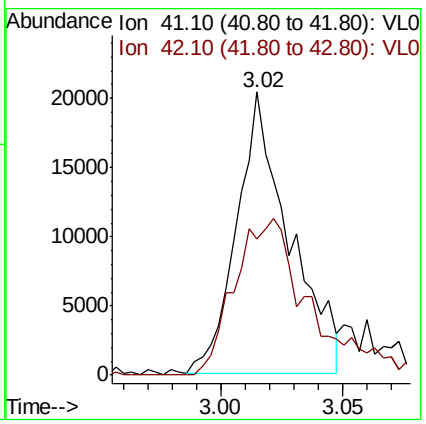


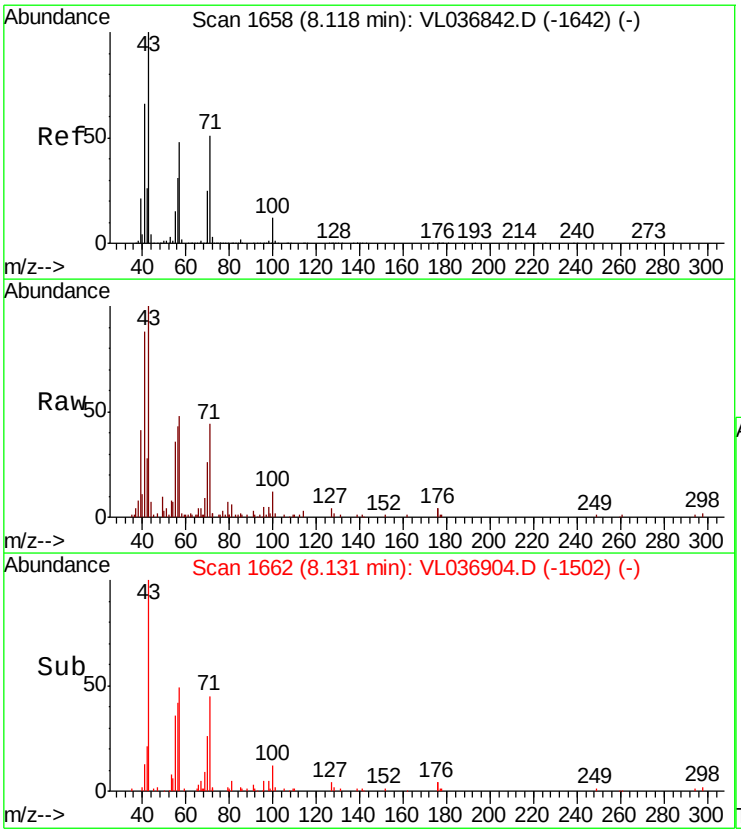
#9
Propene
Concen: 0.380 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 41 Resp: 30313

Ion	Ratio	Lower	Upper
41	100		
42	81.1	56.0	84.0

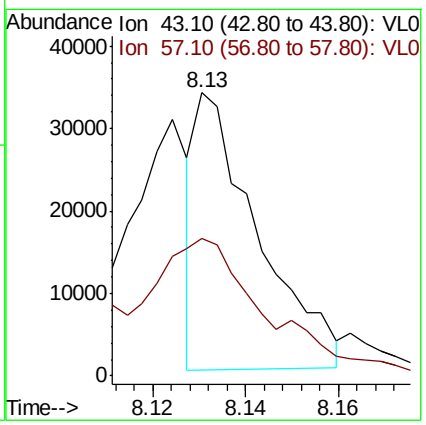


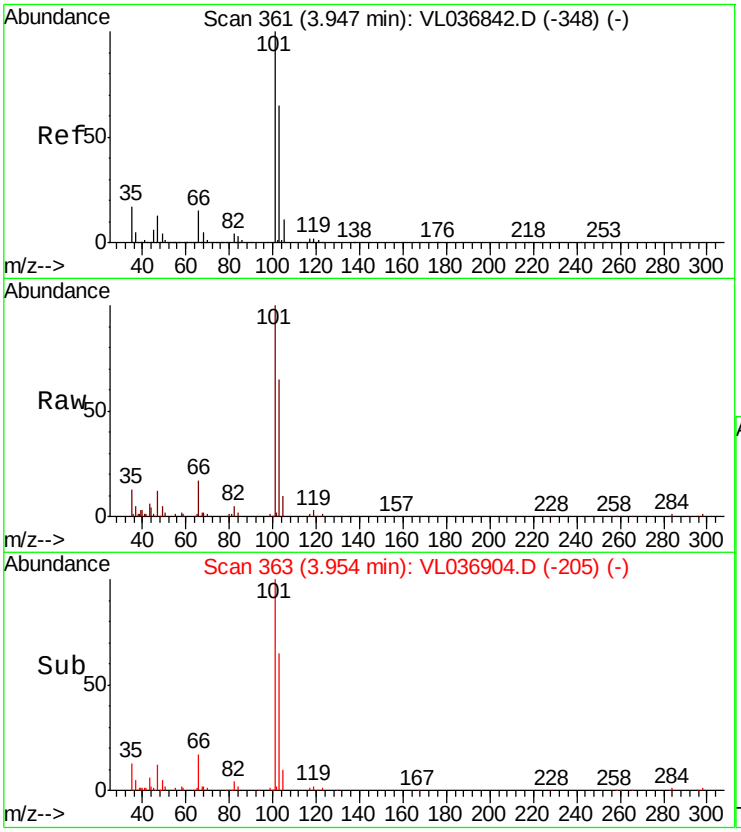


#10
Heptane
Concen: 0.156 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 43 Resp: 31259

Ion	Ratio	Lower	Upper
43	100		
57	112.1	38.8	58.2#



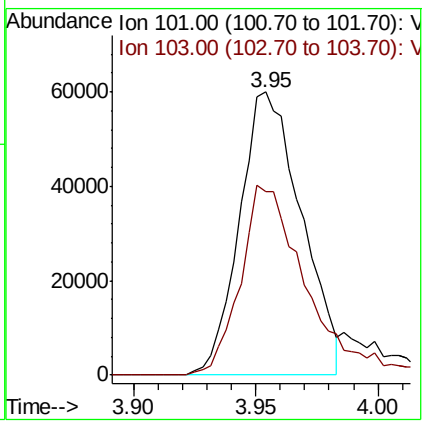


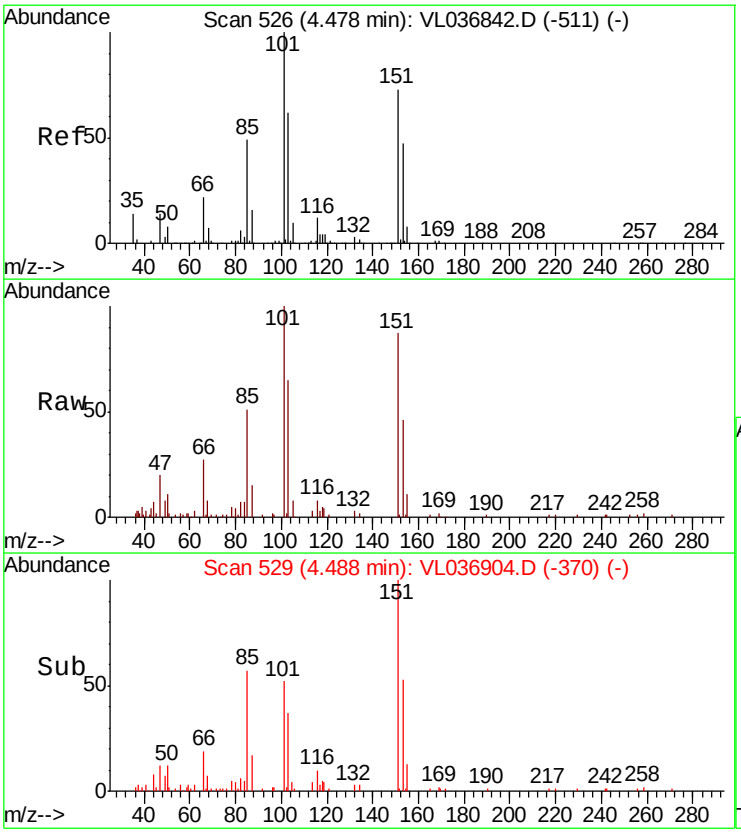
#11
Trichlorofluoromethane
Concen: 0.522 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:101 Resp: 105506

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.6	77.4

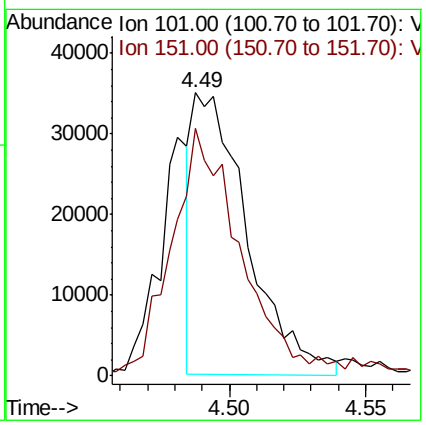


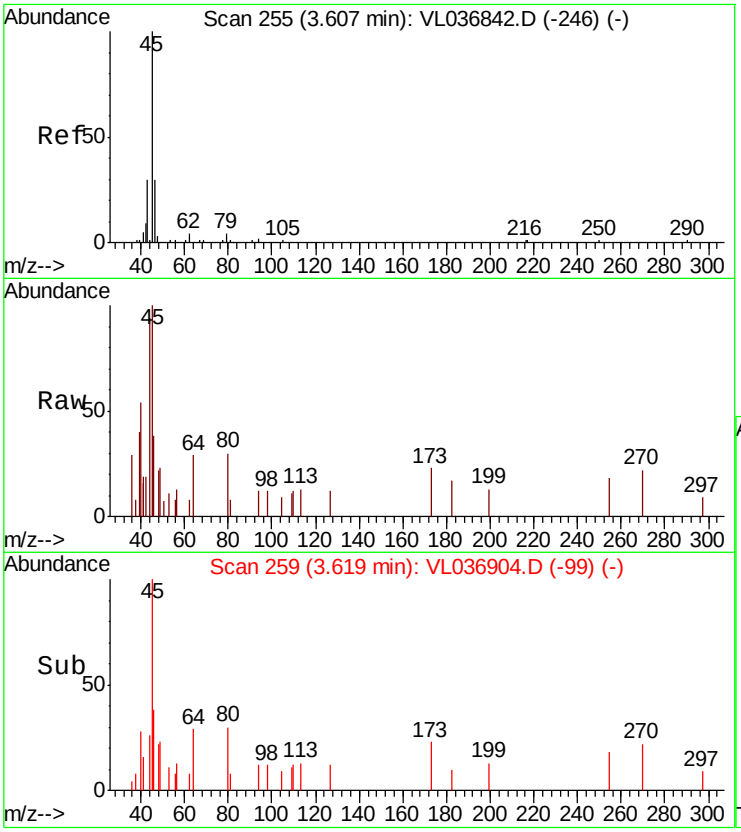


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.357 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:101 Resp: 48378

Ion	Ratio	Lower	Upper
101	100		
151	117.8	61.1	91.7#



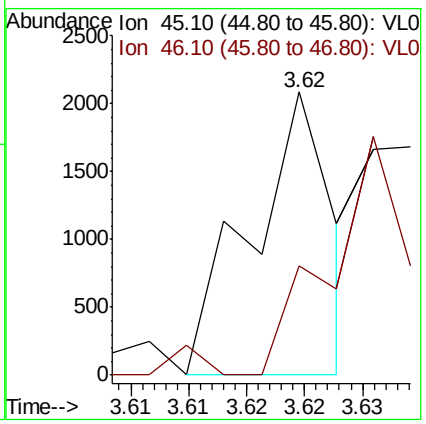


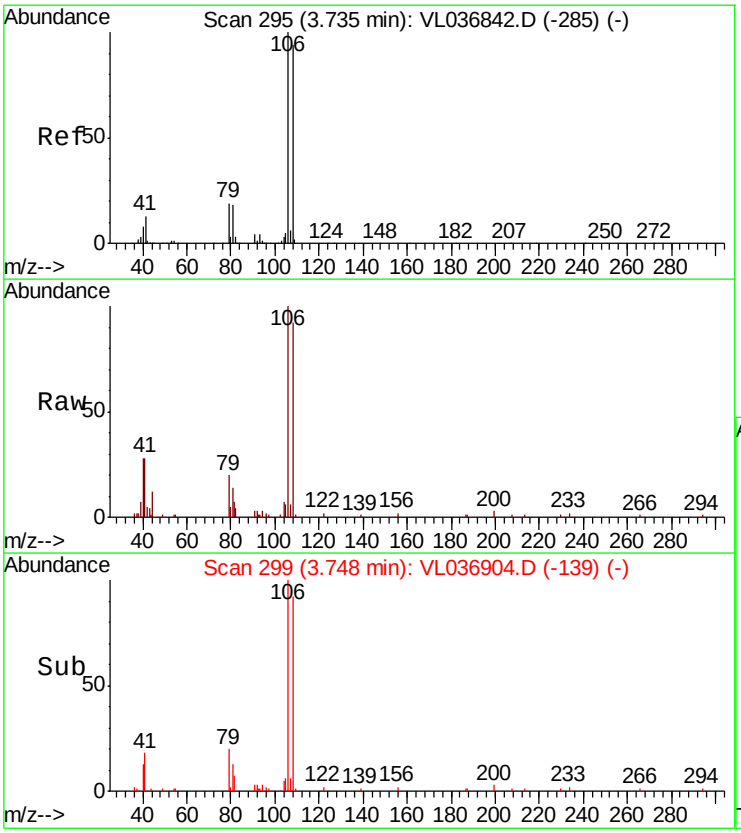
#13
Ethanol
Concen: 0.099 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 45 Resp: 1008

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.4#

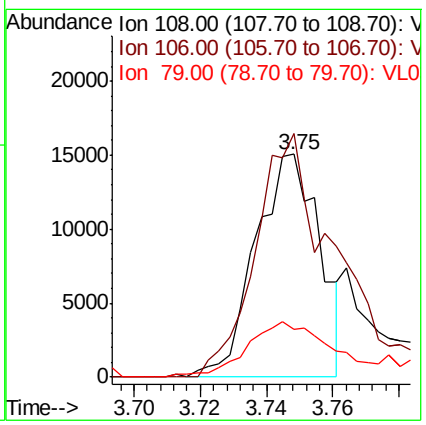


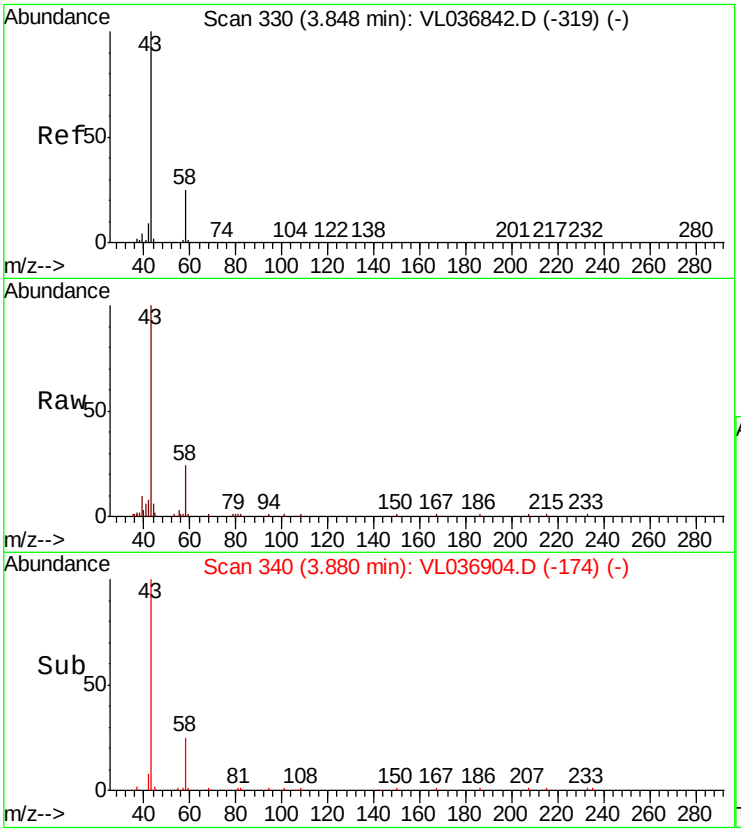


#14
Bromoethene
Concen: 0.368 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:108 Resp: 20332

Ion	Ratio	Lower	Upper
108	100		
106	154.2	88.5	132.7#
79	45.0	17.9	26.9#



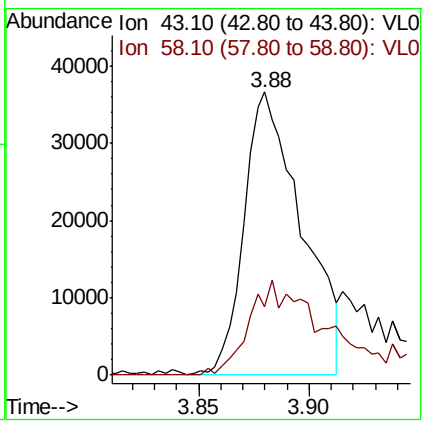


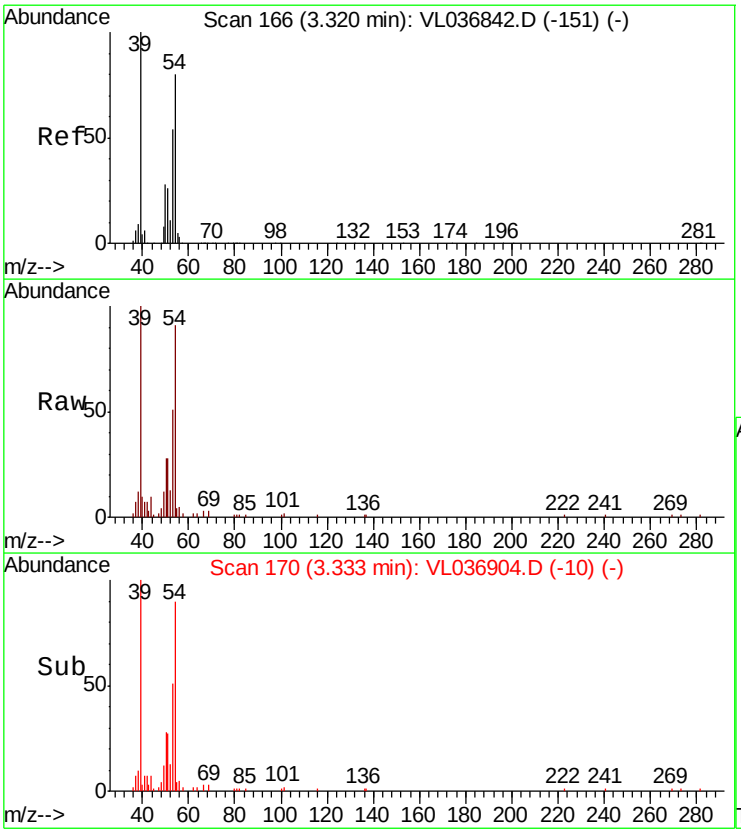
#15
Acetone
Concen: 0.490 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 43 Resp: 66502

Ion	Ratio	Lower	Upper
43	100		
58	50.5	21.7	32.5#

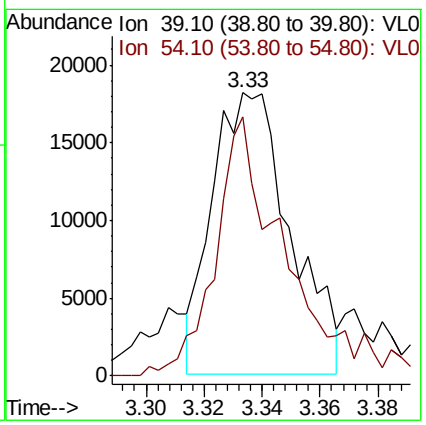


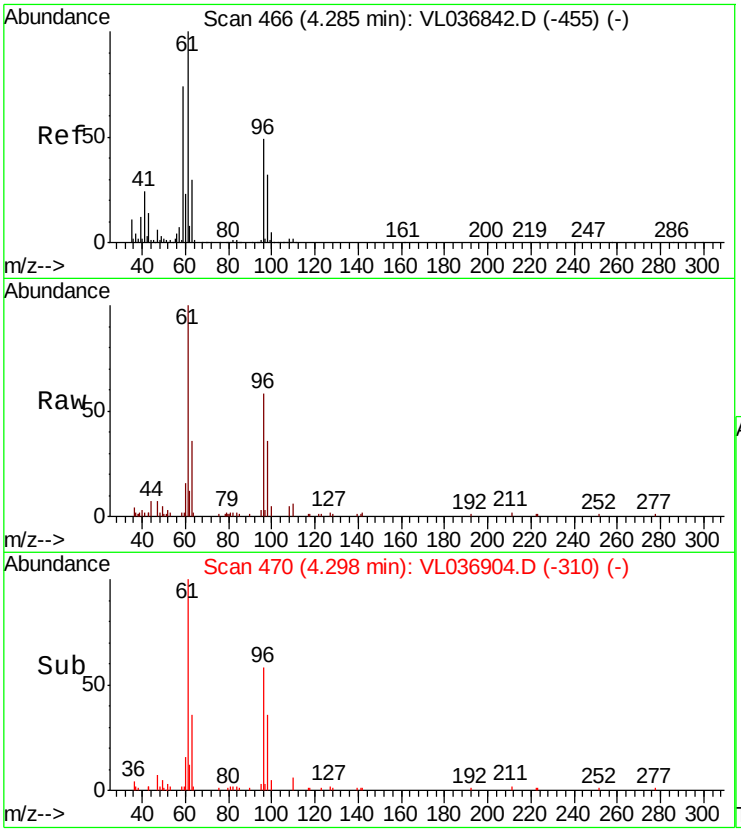


#16
1,3-Butadiene
Concen: 0.392 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 39 Resp: 33998

Ion	Ratio	Lower	Upper
39	100		
54	87.2	59.6	89.4



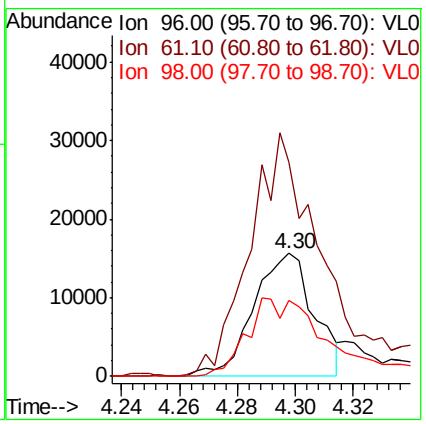


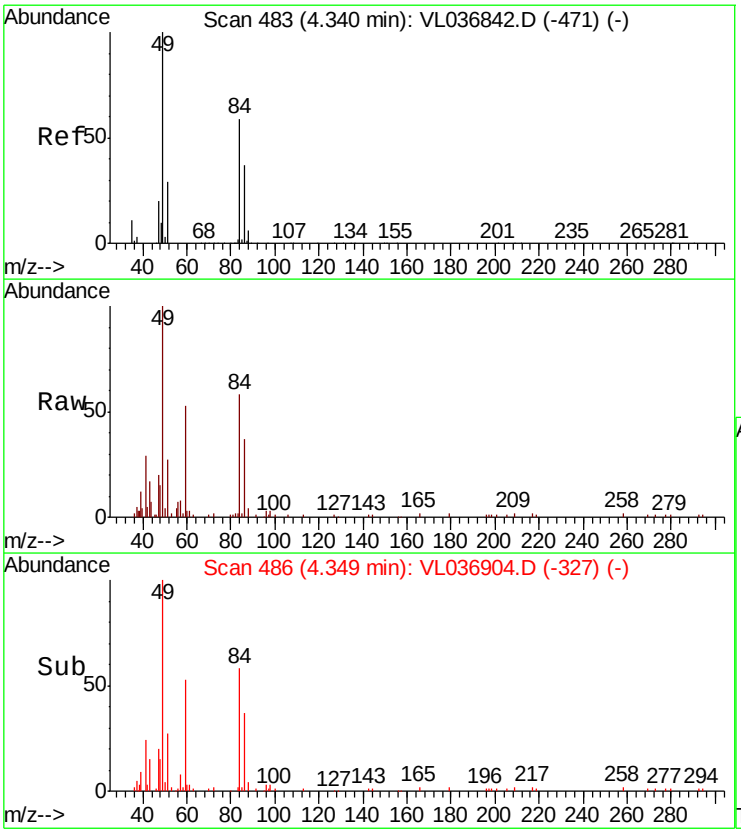
#18
1,1-Dichloroethene
Concen: 0.385 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 96 Resp: 22660

Ion	Ratio	Lower	Upper
96	100		
61	172.4	162.2	243.2
98	62.0	51.8	77.6

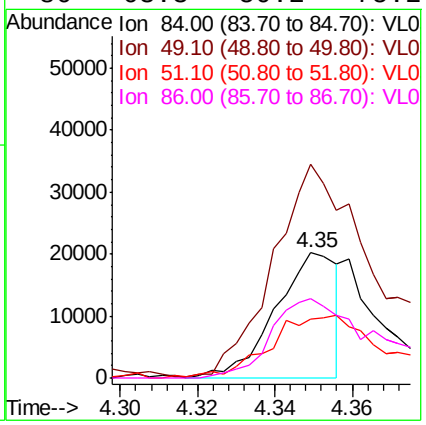


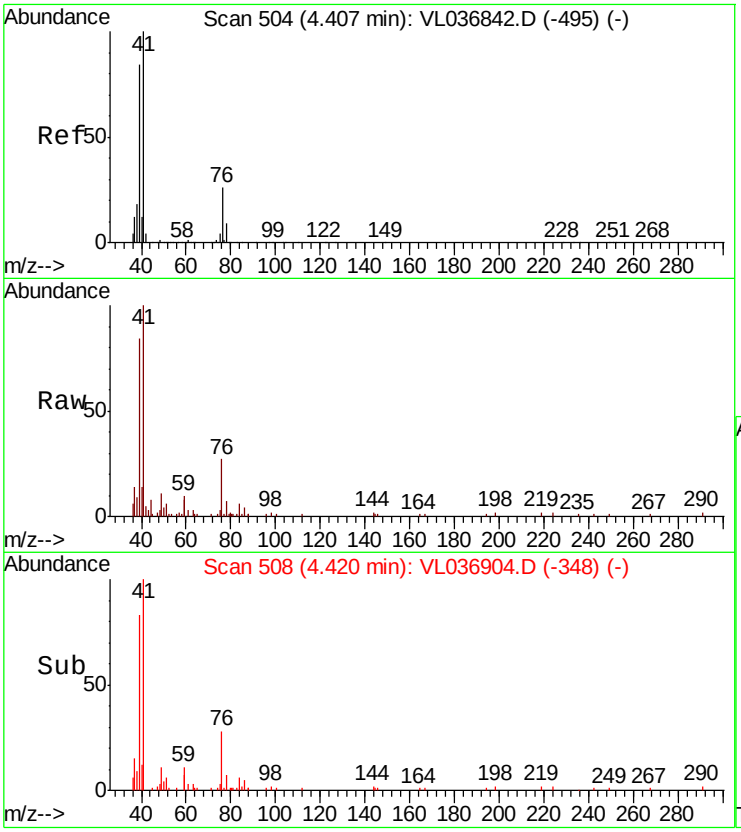


#20
Methylene Chloride
Concen: 0.343 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 84 Resp: 22271

Ion	Ratio	Lower	Upper
84	100		
49	169.9	135.4	203.0
51	45.7	39.3	58.9
86	63.3	50.2	75.2



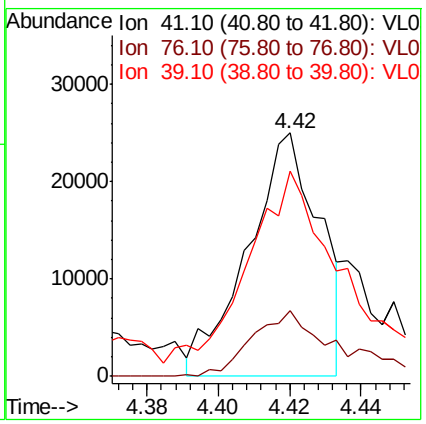


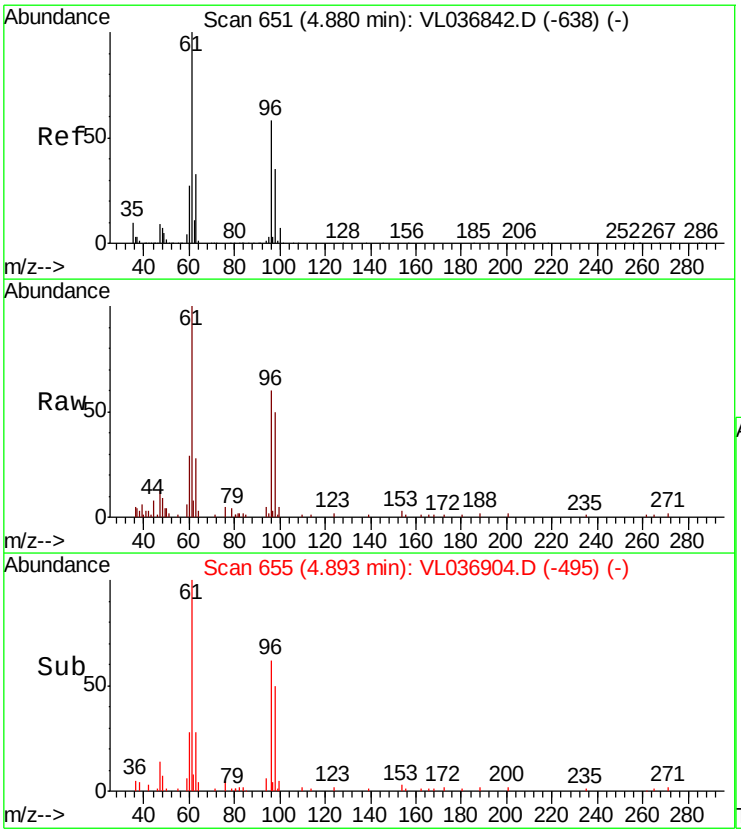
#21
Allyl Chloride
Concen: 0.345 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 41 Resp: 34722

Ion	Ratio	Lower	Upper
41	100		
76	33.4	22.4	33.6
39	130.6	68.4	102.6#

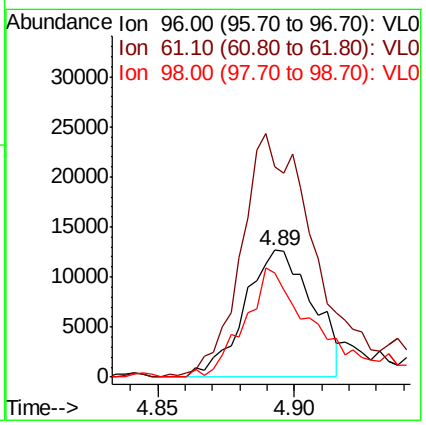


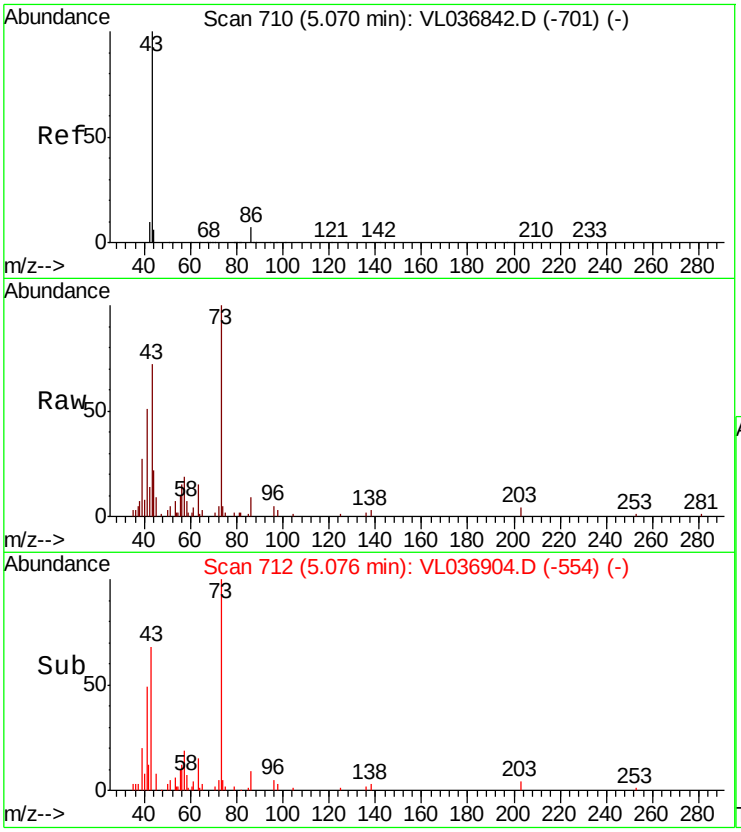


#22
trans-1,2-Dichloroethene
Concen: 0.372 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 96 Resp: 21955

Ion	Ratio	Lower	Upper
96	100		
61	162.7	138.6	207.8
98	82.2	48.1	72.1#



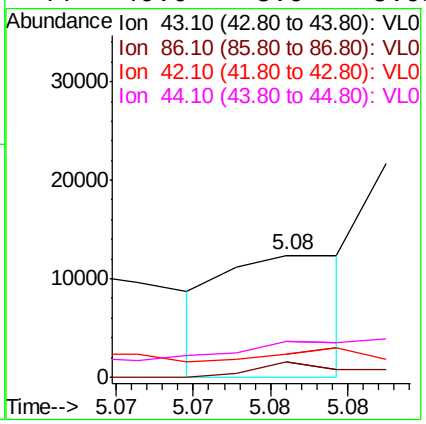


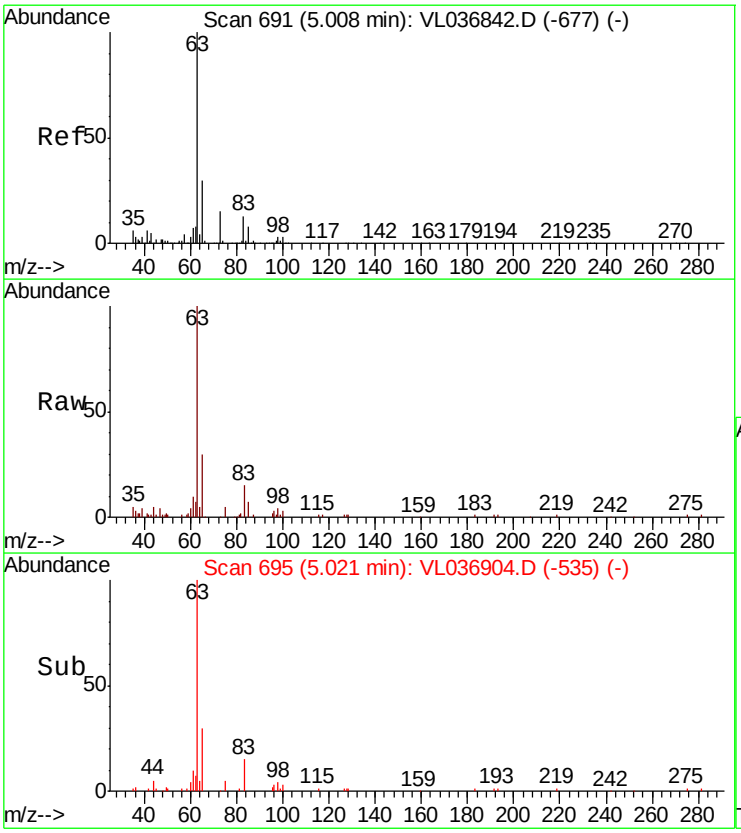
#23
Vinyl Acetate
Concen: 0.037 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 43 Resp: 6885

Ion	Ratio	Lower	Upper
43	100		
86	41.5	5.3	7.9#
42	22.5	8.7	13.1#
44	40.0	3.9	5.9#

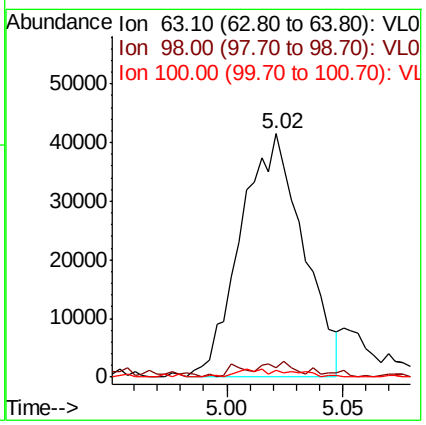


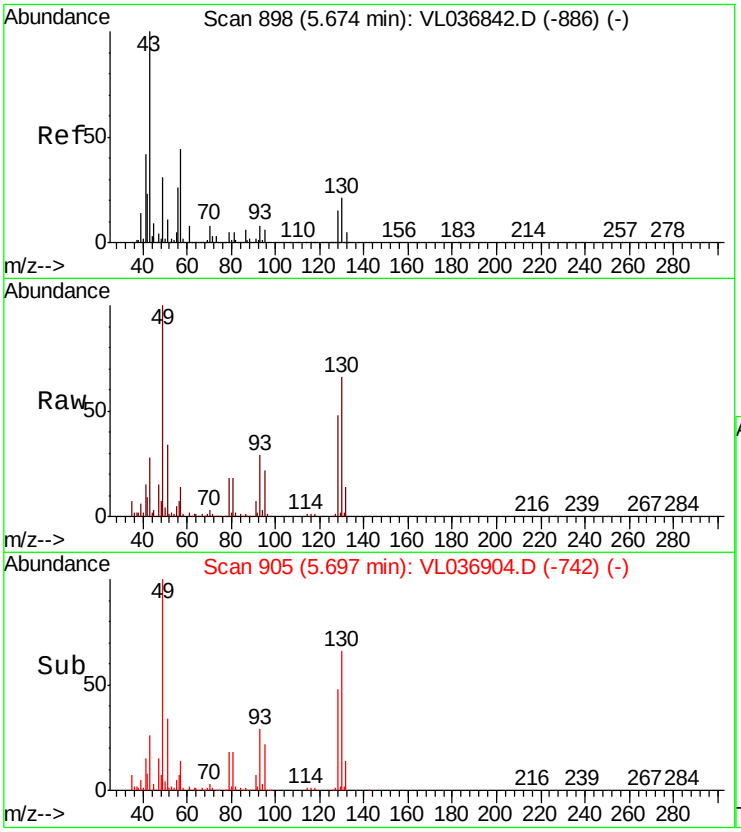


#24
1,1-Dichloroethane
Concen: 0.595 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 63 Resp: 77883

Ion	Ratio	Lower	Upper
63	100		
98	2.0	1.7	5.1
100	2.9	1.3	3.8



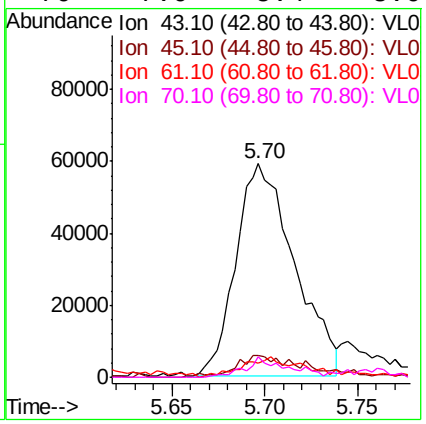


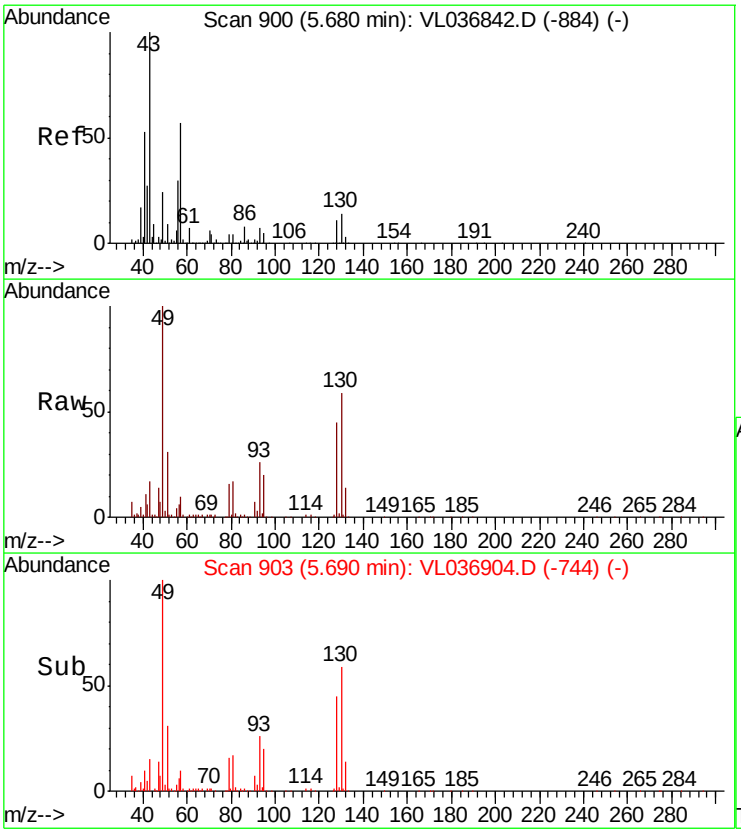
#25
Ethyl Acetate
Concen: 0.393 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 43 Resp: 130039

Ion	Ratio	Lower	Upper
43	100		
45	12.7	7.8	11.8#
61	11.6	7.4	11.0#
70	7.0	5.4	8.0

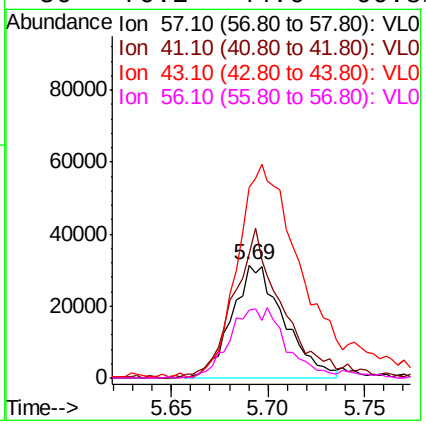


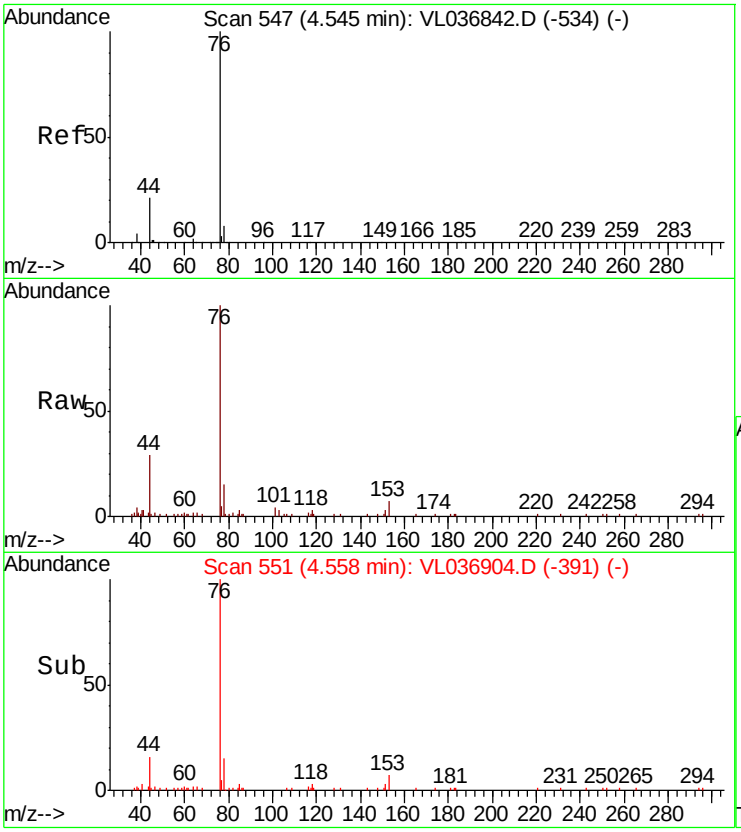


#26
Hexane
Concen: 0.379 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 57 Resp: 58787

Ion	Ratio	Lower	Upper
57	100		
41	129.1	77.7	116.5#
43	256.9	180.5	270.7
56	70.2	44.6	66.8#



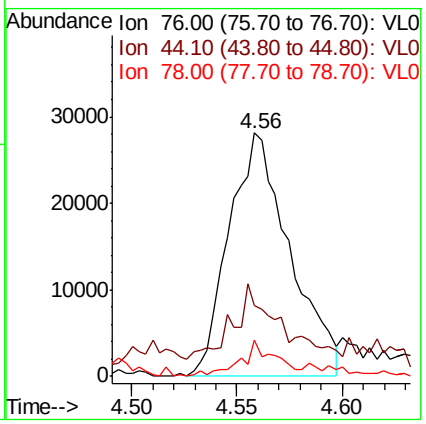


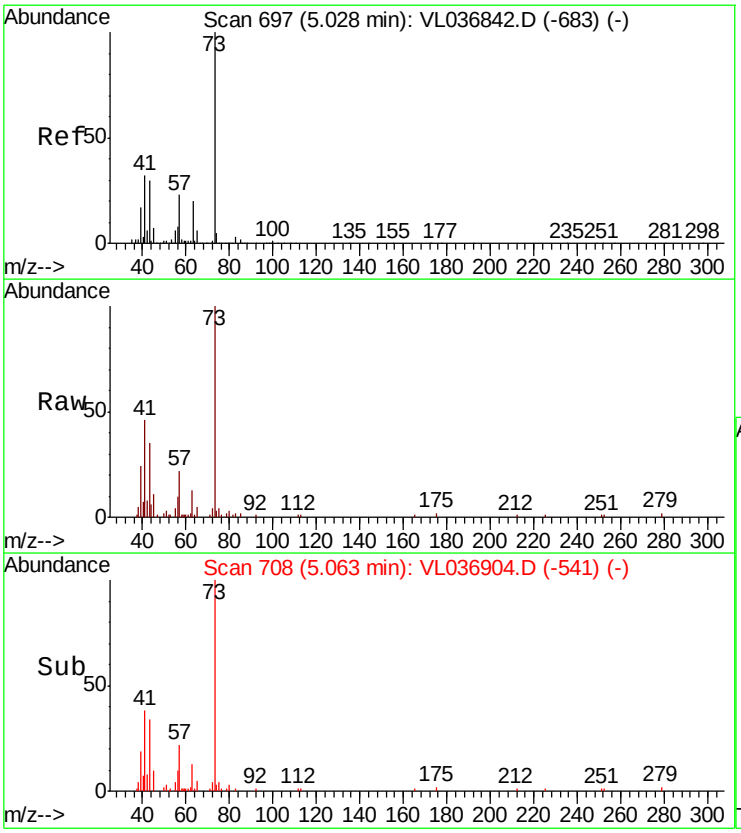
#27
Carbon Disulfide
Concen: 0.418 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 76 Resp: 56214

Ion	Ratio	Lower	Upper
76	100		
44	42.5	16.9	25.3#
78	11.8	7.9	11.9

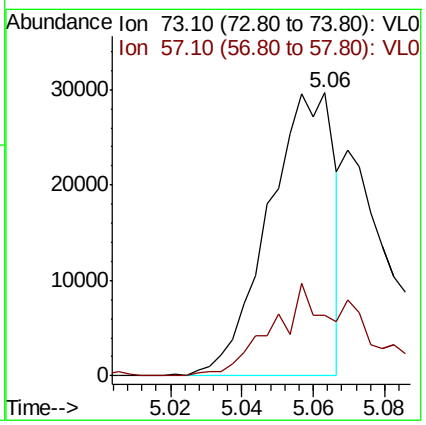


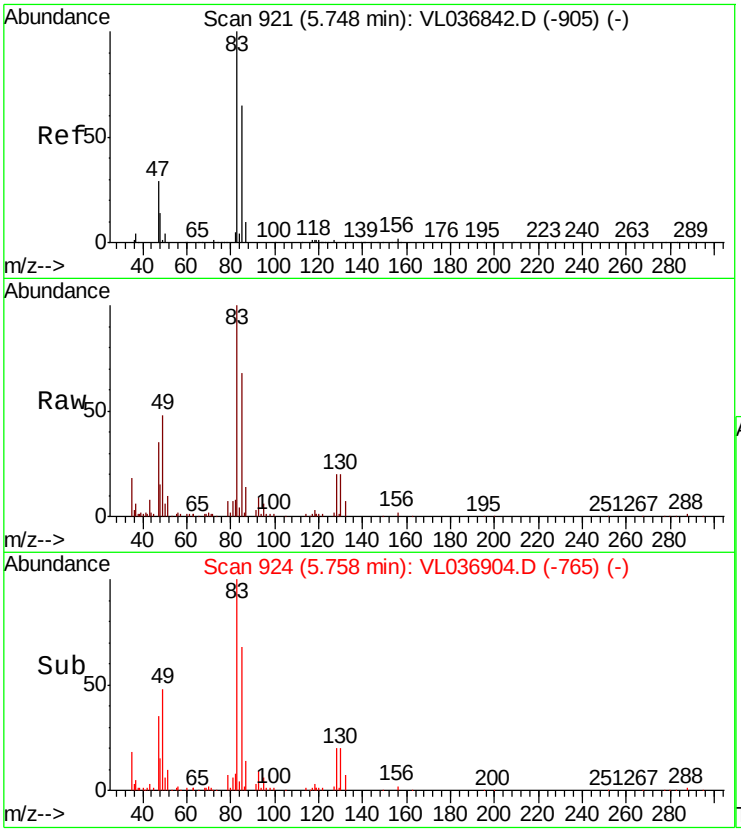


#28
Methyl tert-Butyl Ether
Concen: 0.276 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.04 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 73 Resp: 37869

Ion	Ratio	Lower	Upper
73	100		
57	46.8	19.0	28.6#



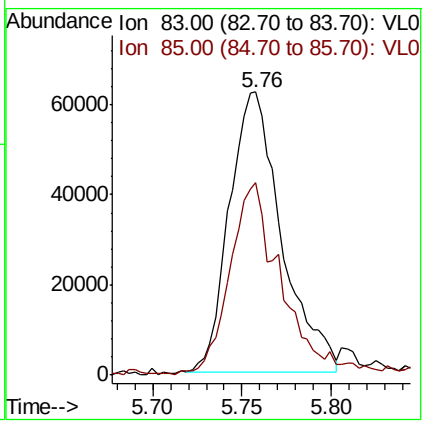


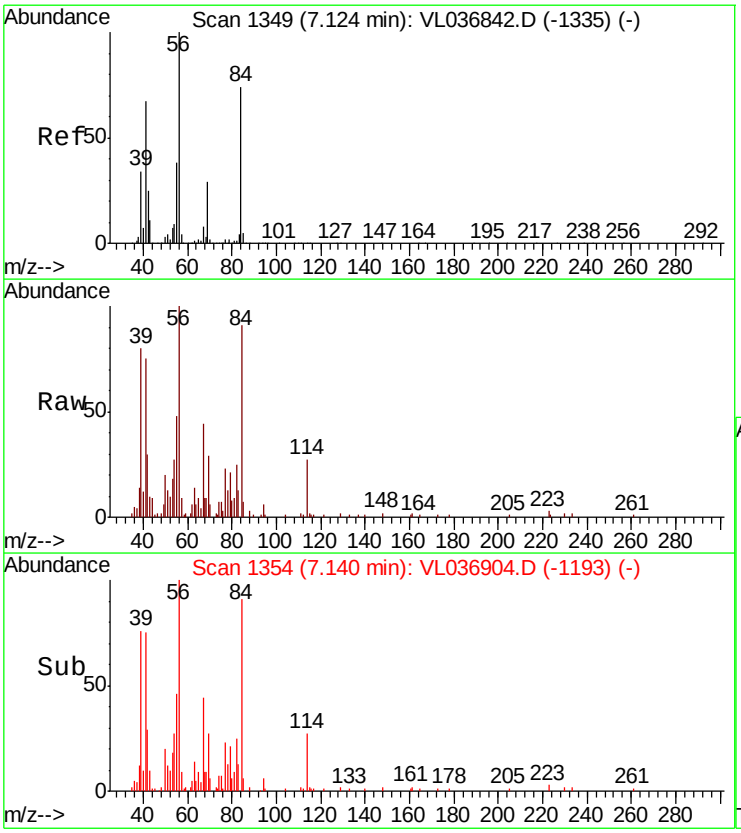
#29
Chloroform
Concen: 0.528 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 83 Resp: 127686

Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.2	78.4

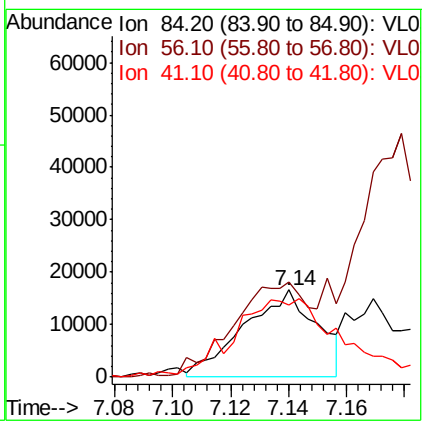


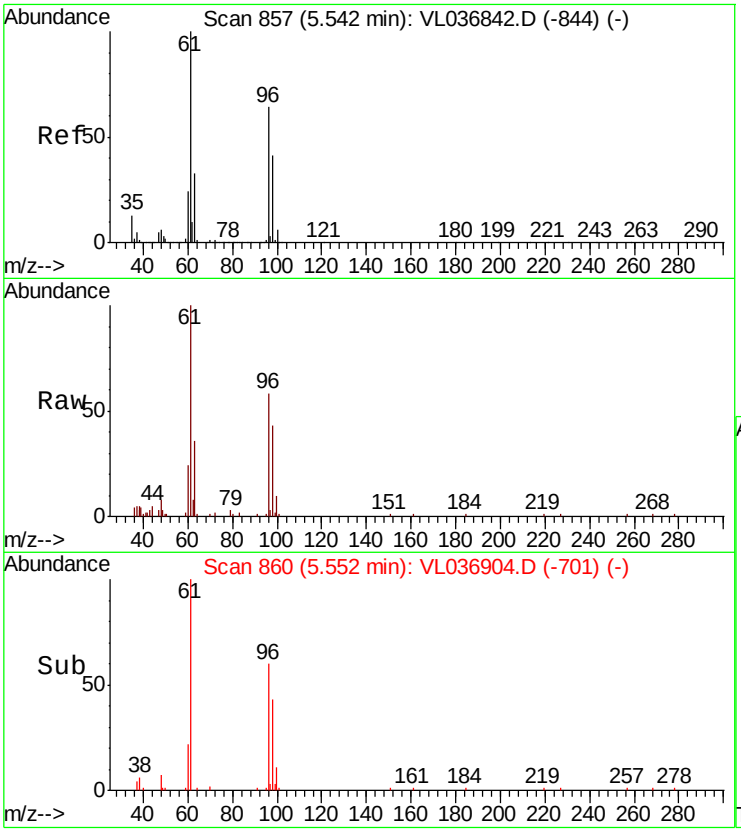


#30
Cyclohexane
Concen: 0.235 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.02 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 84 Resp: 28941

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.8	173.6#
41	134.4	74.6	111.8#



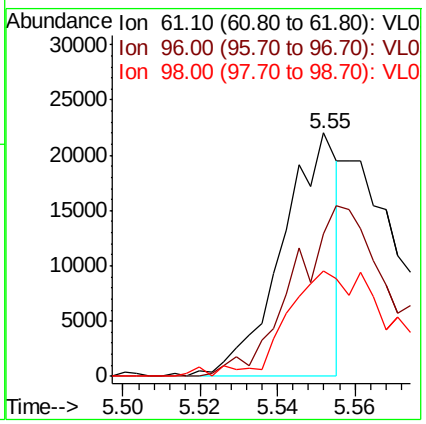


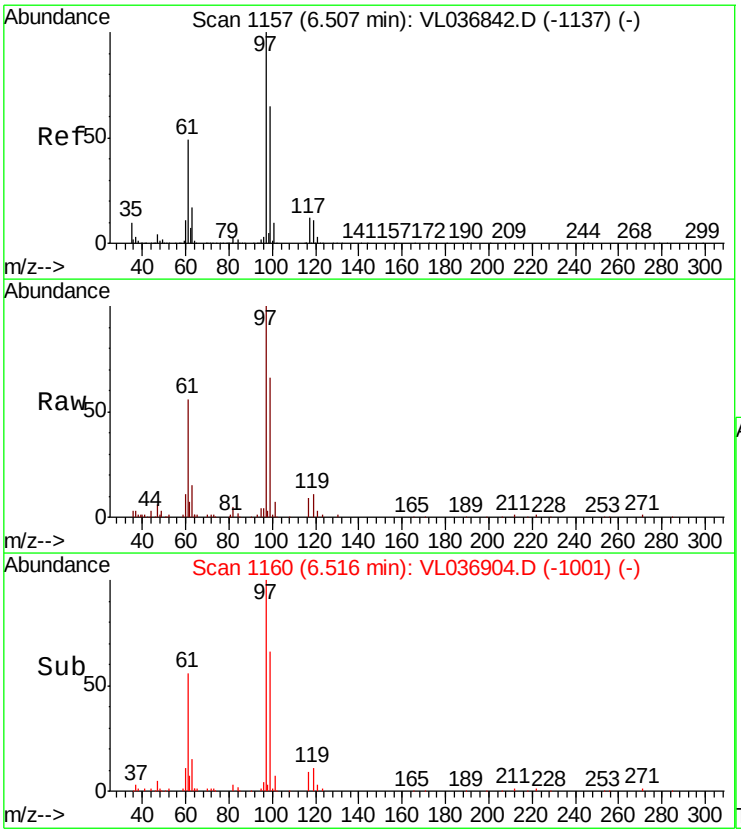
#31
cis-1,2-Dichloroethene
Concen: 0.158 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 61 Resp: 21914

Ion	Ratio	Lower	Upper
61	100		
96	58.5	51.0	76.6
98	42.1	32.7	49.1

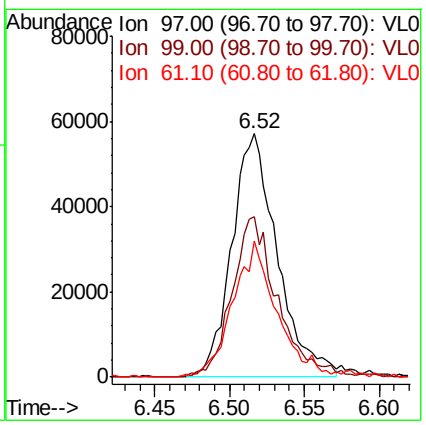


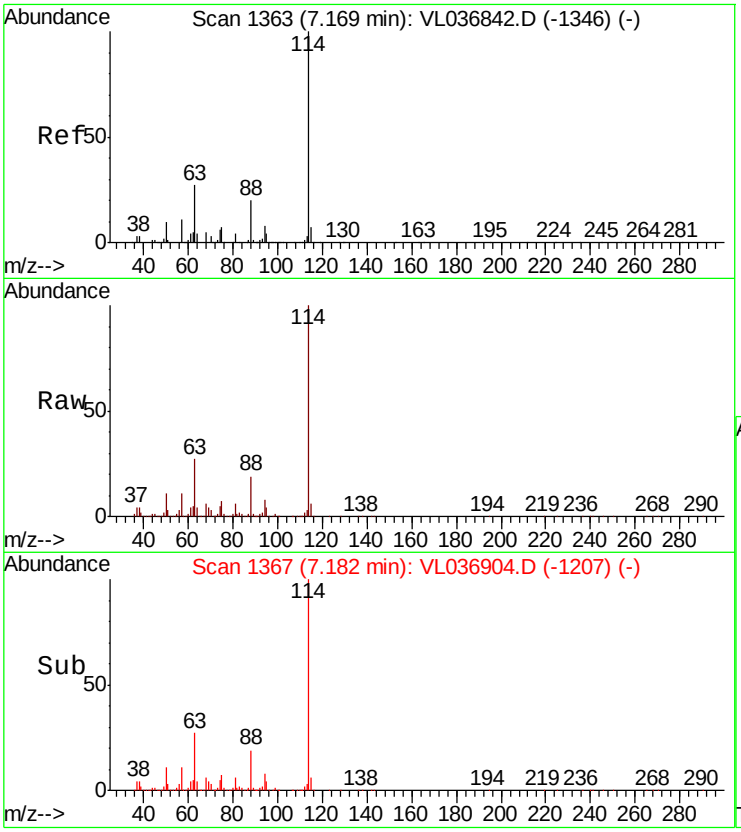


#32
1,1,1-Trichloroethane
Concen: 0.492 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 97 Resp: 120961

Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.8	77.6
61	55.4	40.8	61.2



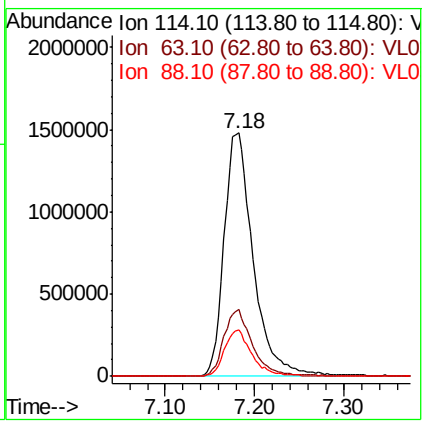


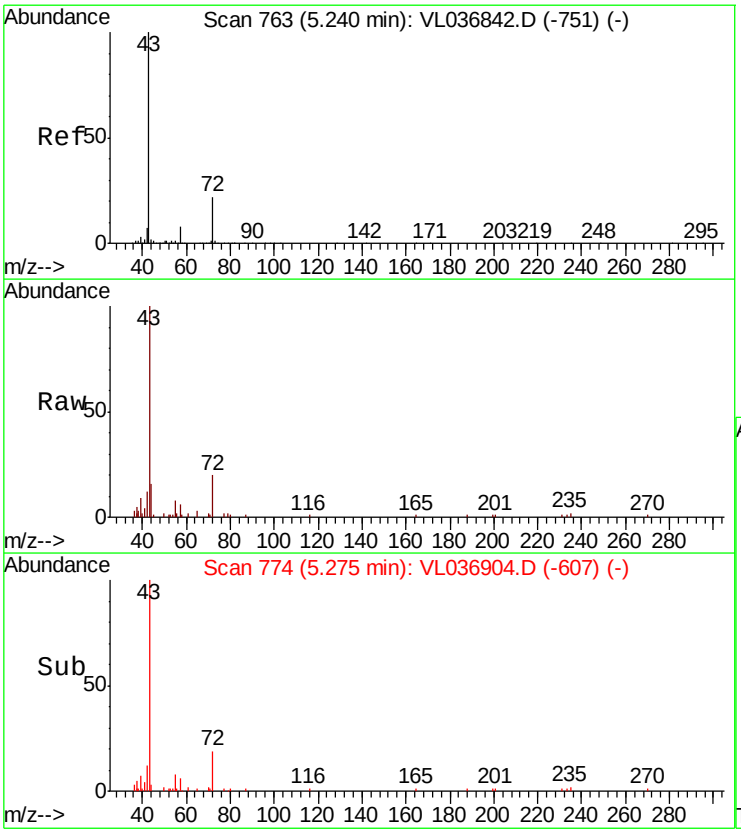
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:114 Resp: 3352553

Ion	Ratio	Lower	Upper
114	100		
63	27.3	21.9	32.9
88	18.3	15.1	22.7

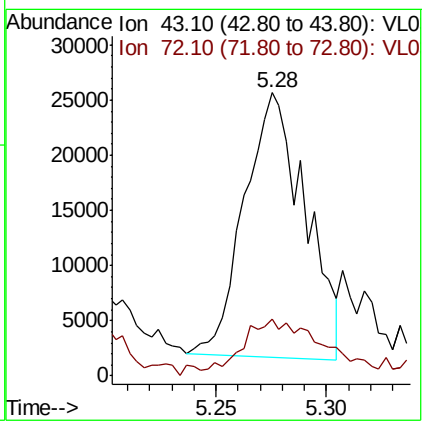


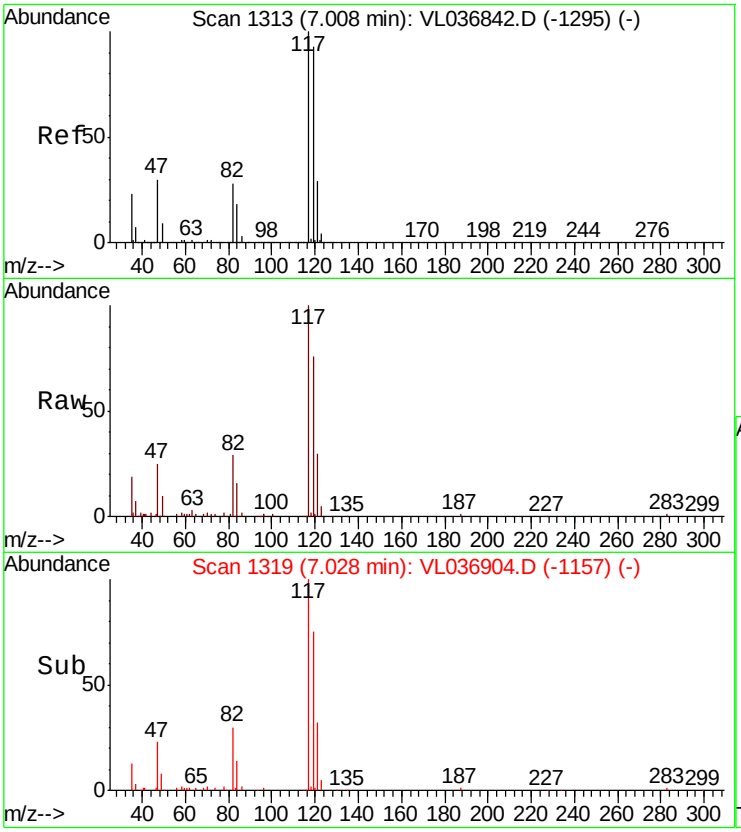


#34
2-Butanone
Concen: 0.314 ppbv
RT: 5.28 min Scan# 774
Delta R.T. 0.04 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 43 Resp: 46049

Ion	Ratio	Lower	Upper
43	100		
72	34.1	17.6	26.4#



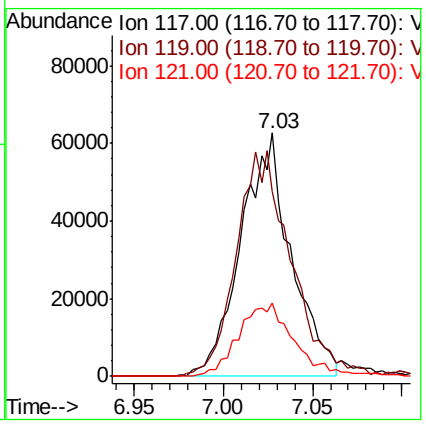


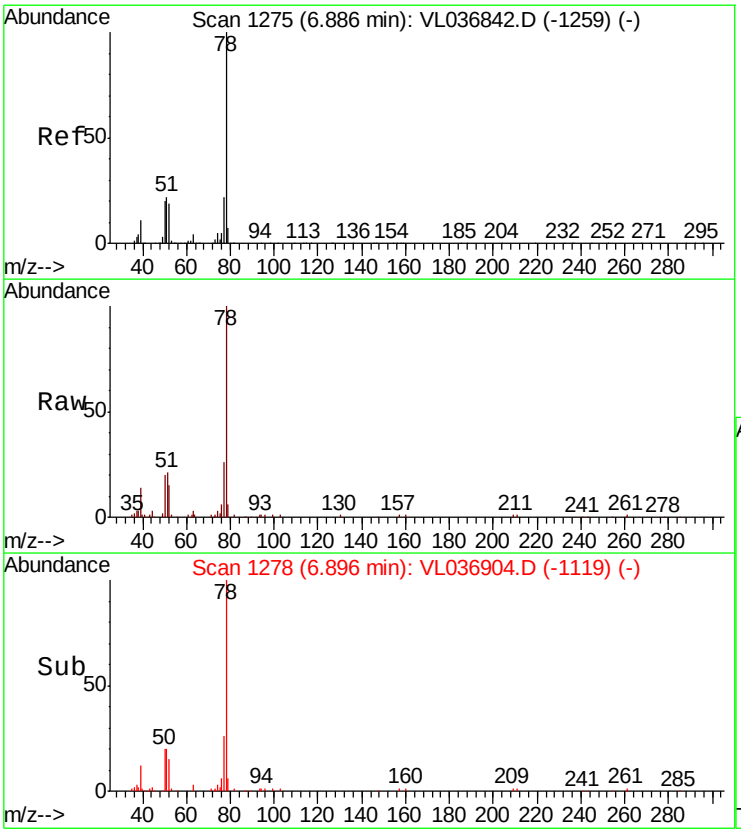
#35
Carbon Tetrachloride
Concen: 0.537 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:117 Resp: 122121

Ion	Ratio	Lower	Upper
117	100		
119	74.7	74.6	111.8
121	30.3	23.3	34.9

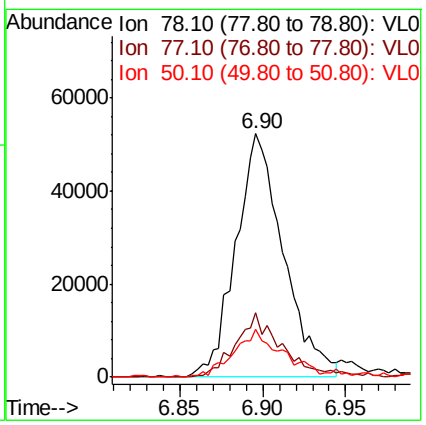


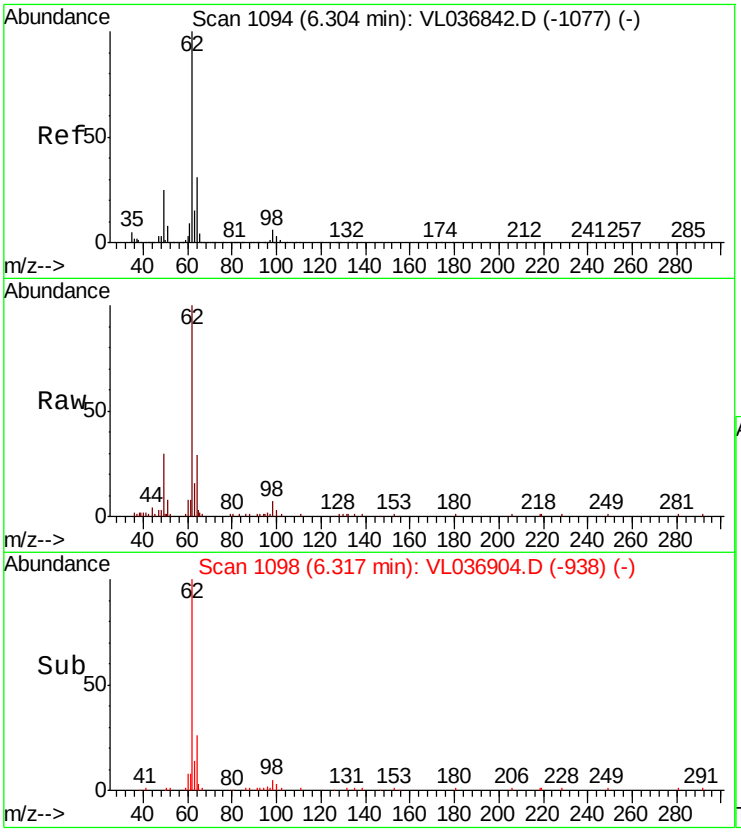


#36
Benzene
Concen: 0.369 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 78 Resp: 104224

Ion	Ratio	Lower	Upper
78	100		
77	26.1	17.6	26.4
50	19.3	16.3	24.5



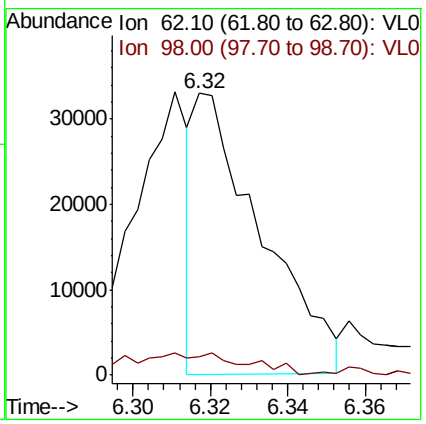


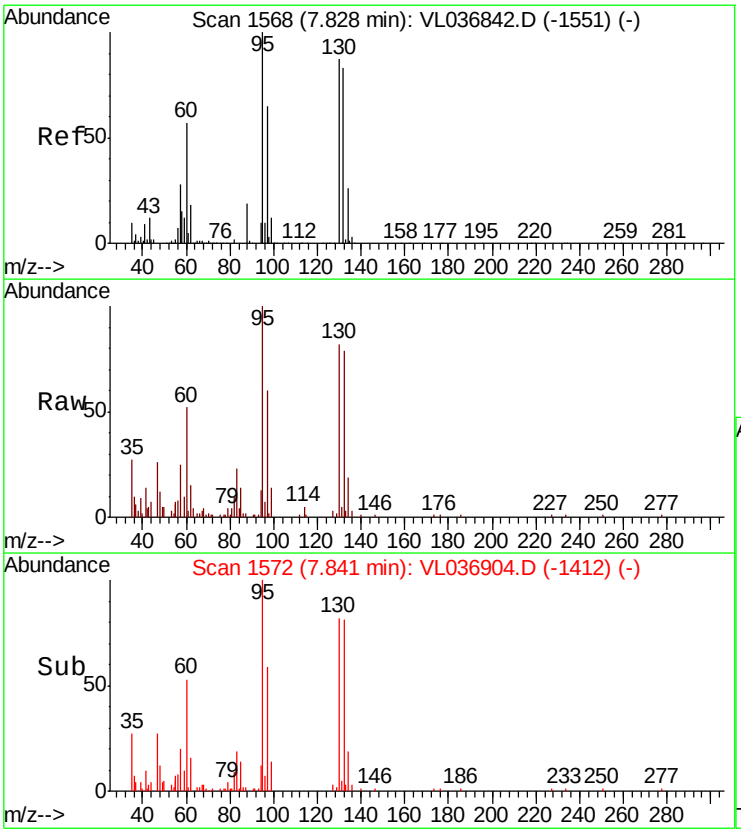
#37
1,2-Dichloroethane
Concen: 0.245 ppbv
RT: 6.32
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 62 Resp: 39211

Ion	Ratio	Lower	Upper
62	100		
98	14.3	4.8	7.2#

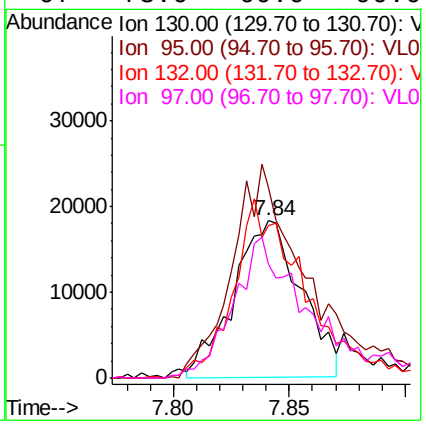


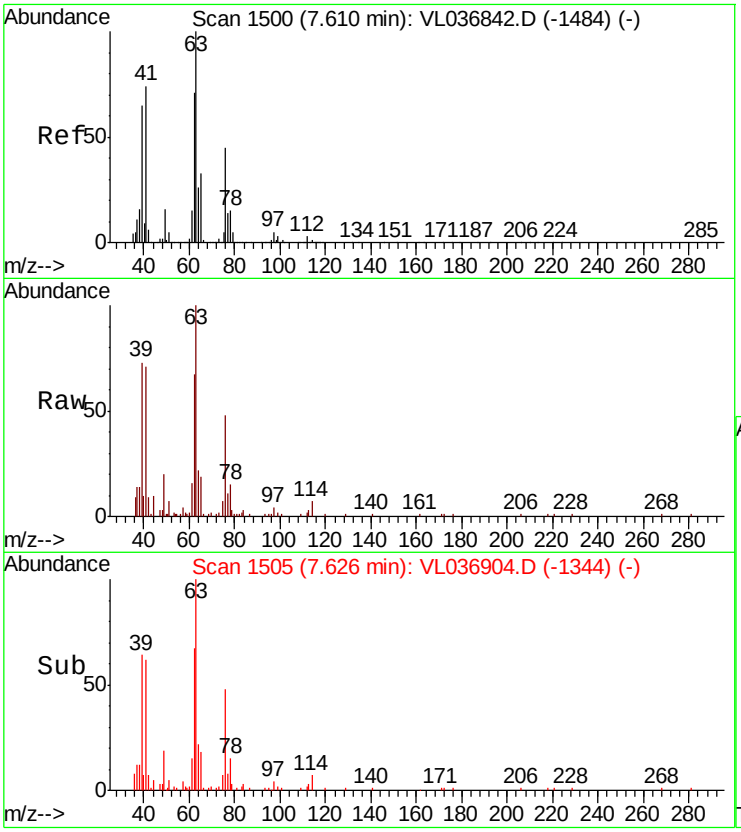


#38
Trichloroethene
Concen: 0.370 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:130 Resp: 37226

Ion	Ratio	Lower	Upper
130	100		
95	122.7	92.3	138.5
132	98.0	76.8	115.2
97	73.0	60.0	90.0



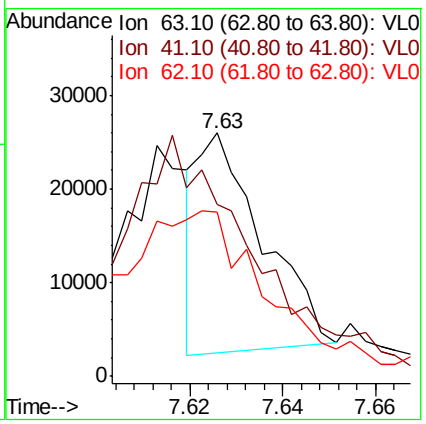


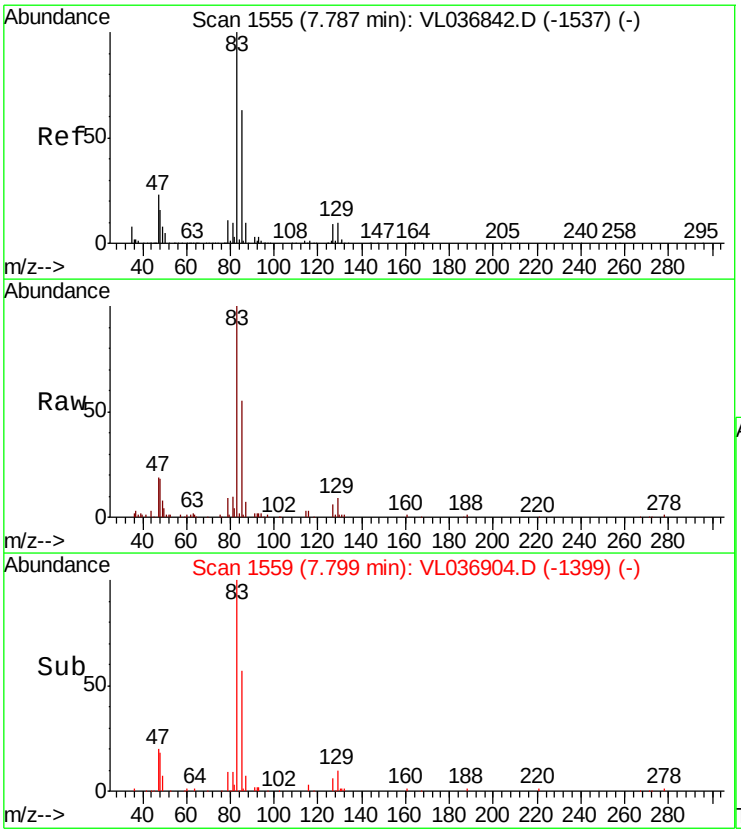
#39
1,2-Dichloropropane
Concen: 0.199 ppbv
RT: 7.63
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 63 Resp: 22553

Ion	Ratio	Lower	Upper
63	100		
41	62.0	59.1	88.7
62	65.2	56.9	85.3

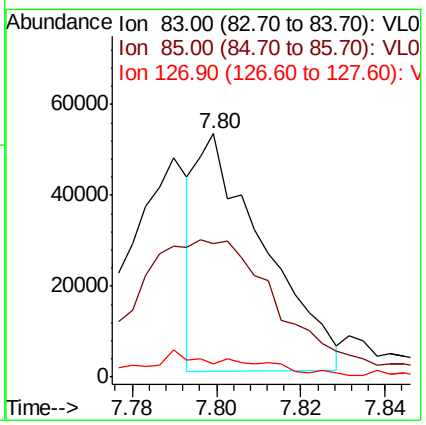


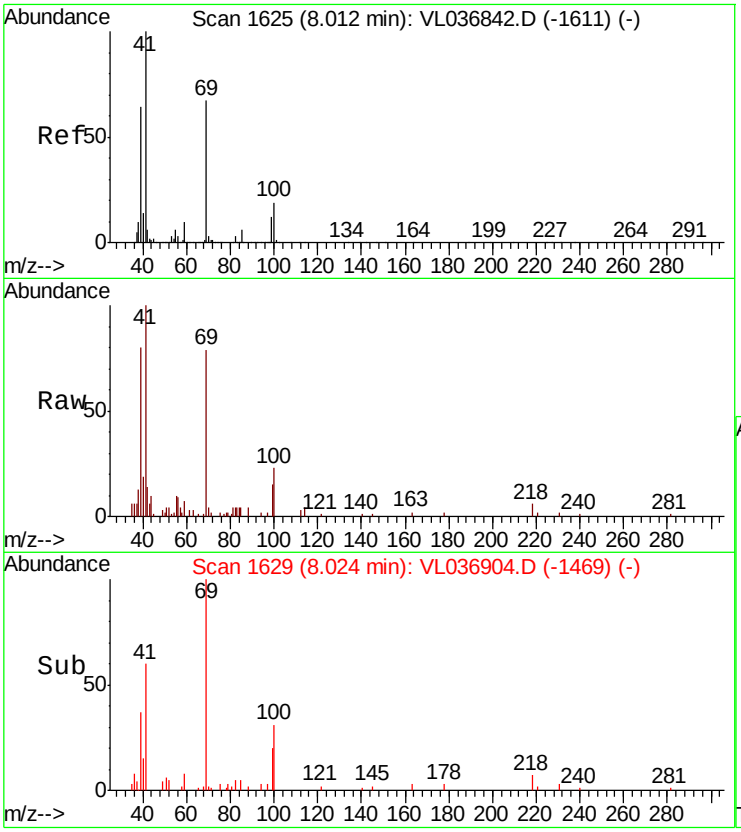


#42
Bromodichloromethane
Concen: 0.261 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 83 Resp: 57899

Ion	Ratio	Lower	Upper
83	100		
85	50.9	50.4	75.6
127	4.1	6.9	10.3#



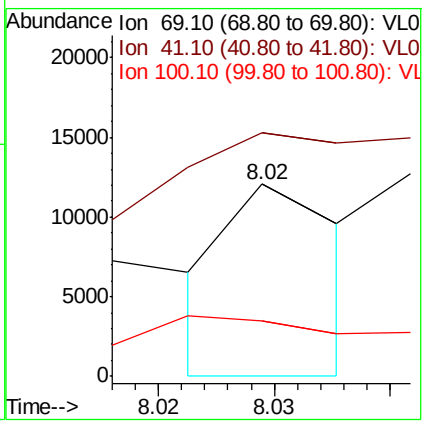


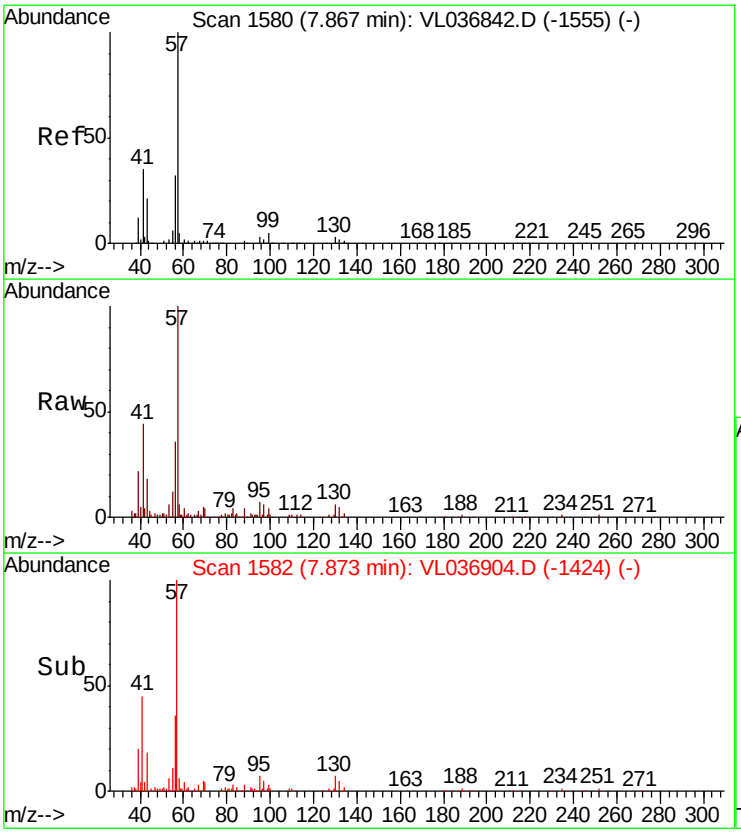
#43
Methyl Methacrylate
Concen: 0.045 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 69 Resp: 4183

Ion	Ratio	Lower	Upper
69	100		
41	0.0	124.2	186.4#
100	0.0	25.5	38.3#

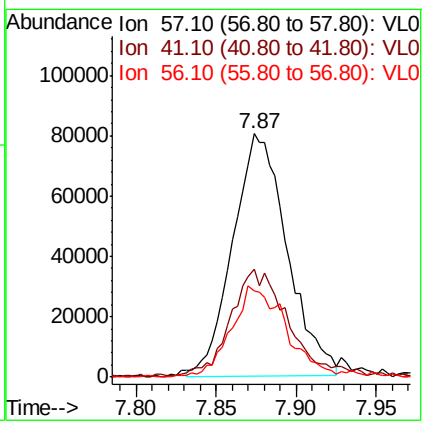


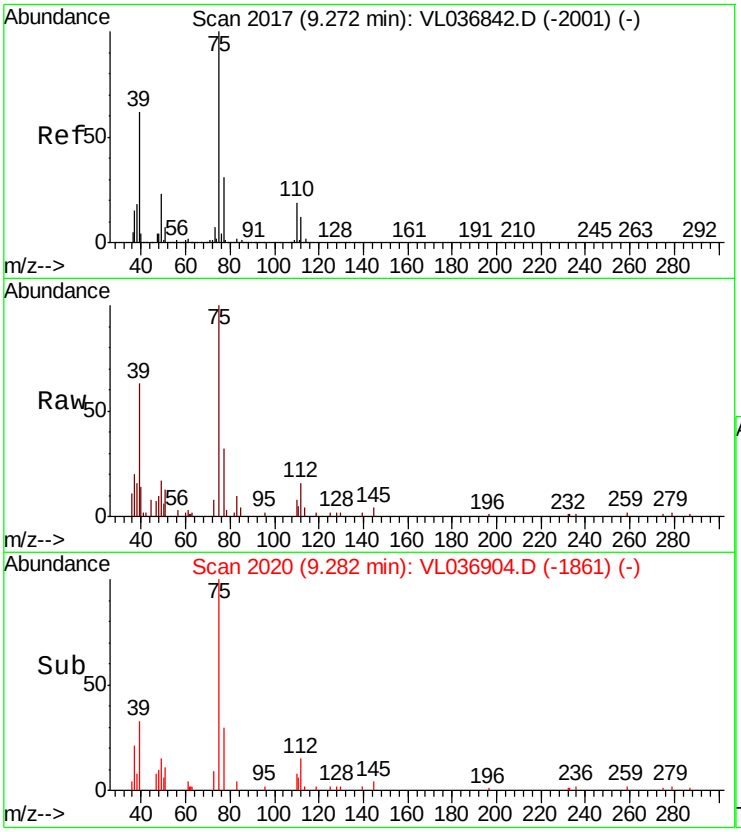


#44
2,2,4-Trimethylpentane
Concen: 0.387 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 57 Resp: 187112

Ion	Ratio	Lower	Upper
57	100		
41	48.6	28.2	42.4#
56	39.3	25.9	38.9#



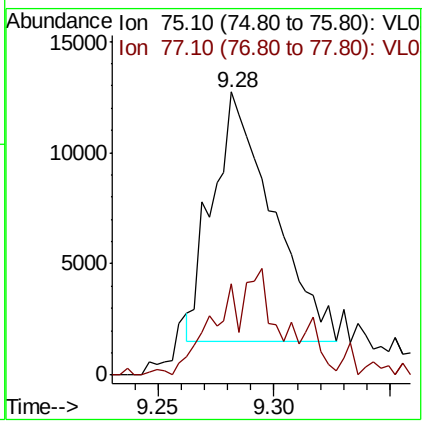


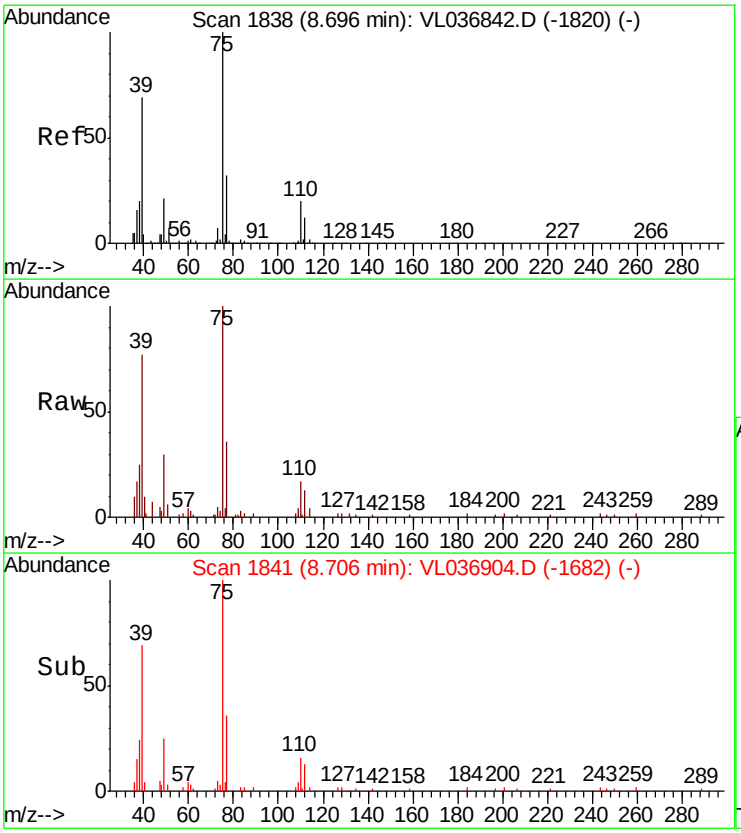
#45
t-1,3-Dichloropropene
Concen: 0.203 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 75 Resp: 20129

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	37.0

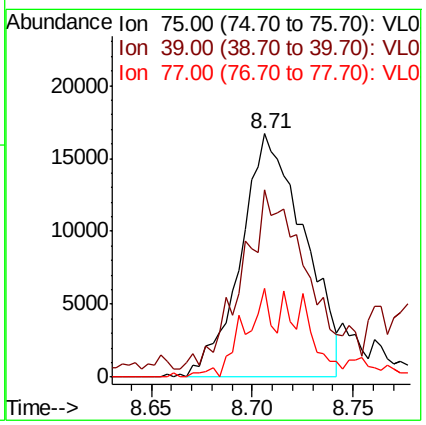


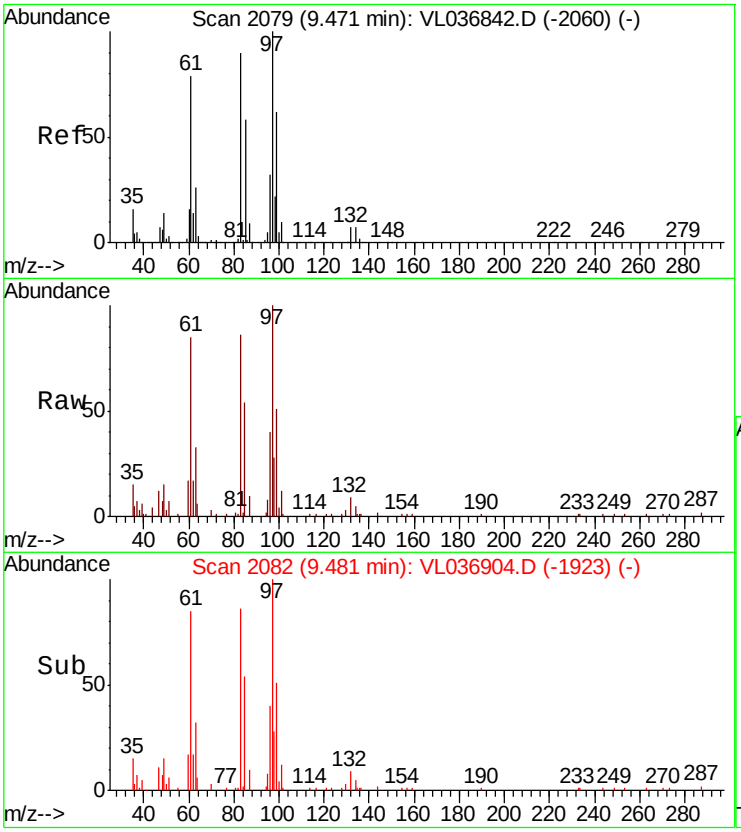


#46
cis-1,3-Dichloropropene
Concen: 0.286 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 75 Resp: 36441

Ion	Ratio	Lower	Upper
75	100		
39	70.9	55.4	83.0
77	36.4	25.2	37.8



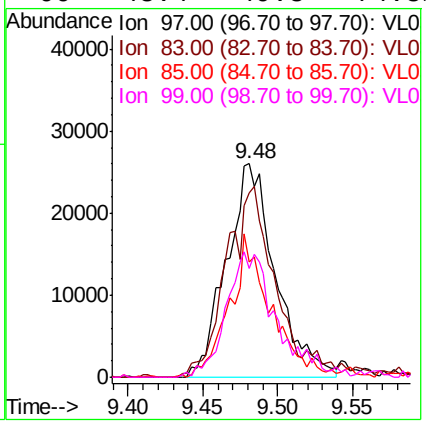


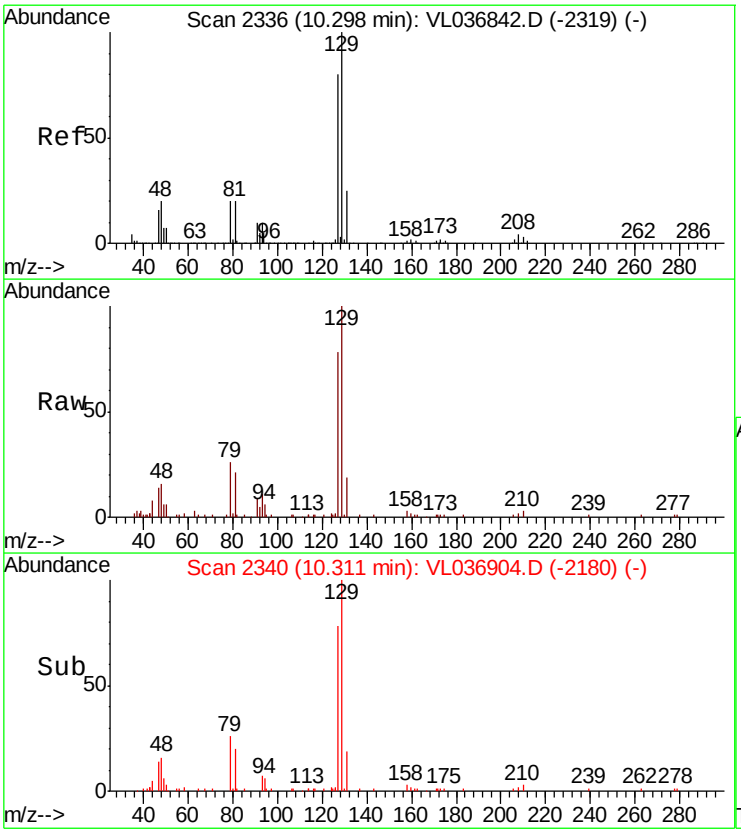
#47
1,1,2-Trichloroethane
Concen: 0.505 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 97 Resp: 59166

Ion	Ratio	Lower	Upper
97	100		
83	84.2	71.9	107.9
85	54.0	46.5	69.7
99	48.4	49.8	74.8#

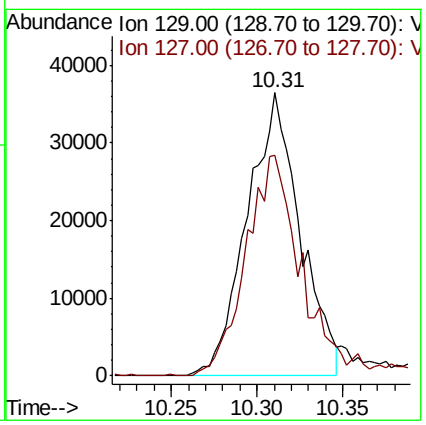


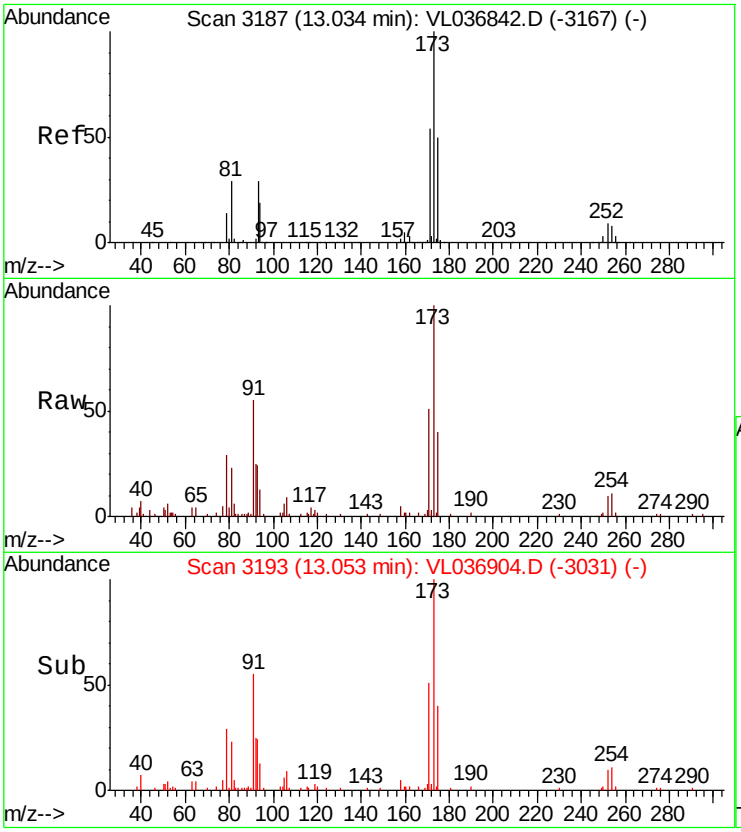


#48
Dibromochloromethane
Concen: 0.450 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:129 Resp: 78065

Ion	Ratio	Lower	Upper
129	100		
127	81.8	40.2	120.5



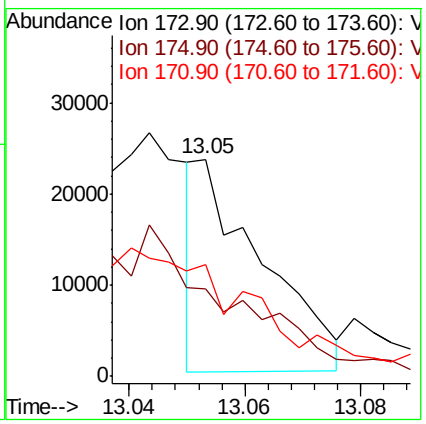


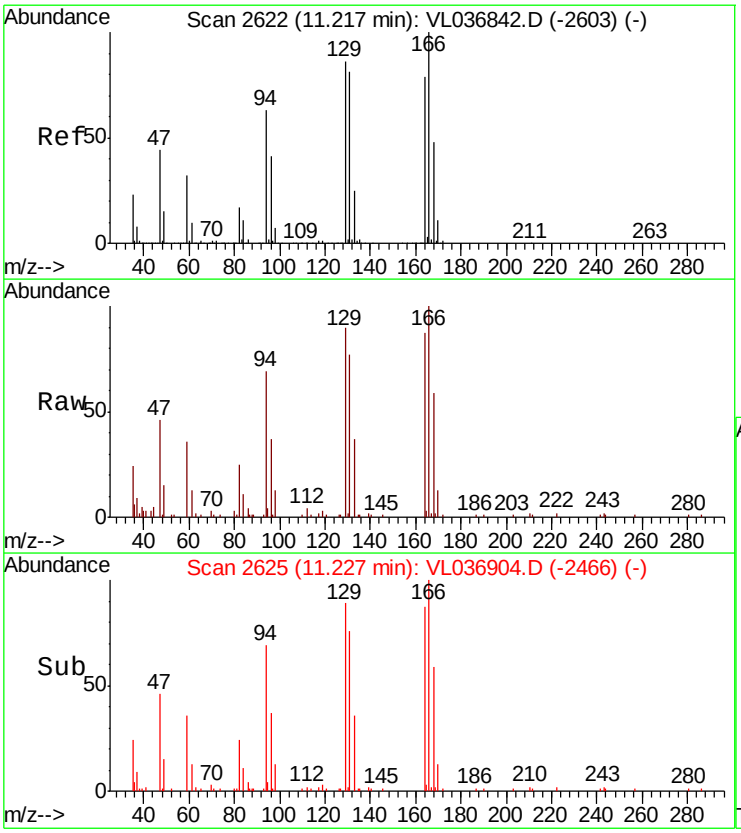
#49
Bromoform
Concen: 0.131 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:173 Resp: 18124

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.6	59.4#
171	0.0	42.2	63.4#

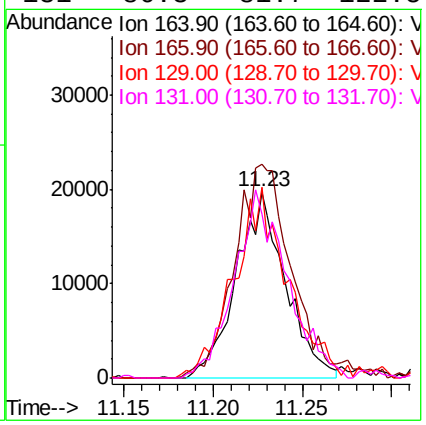


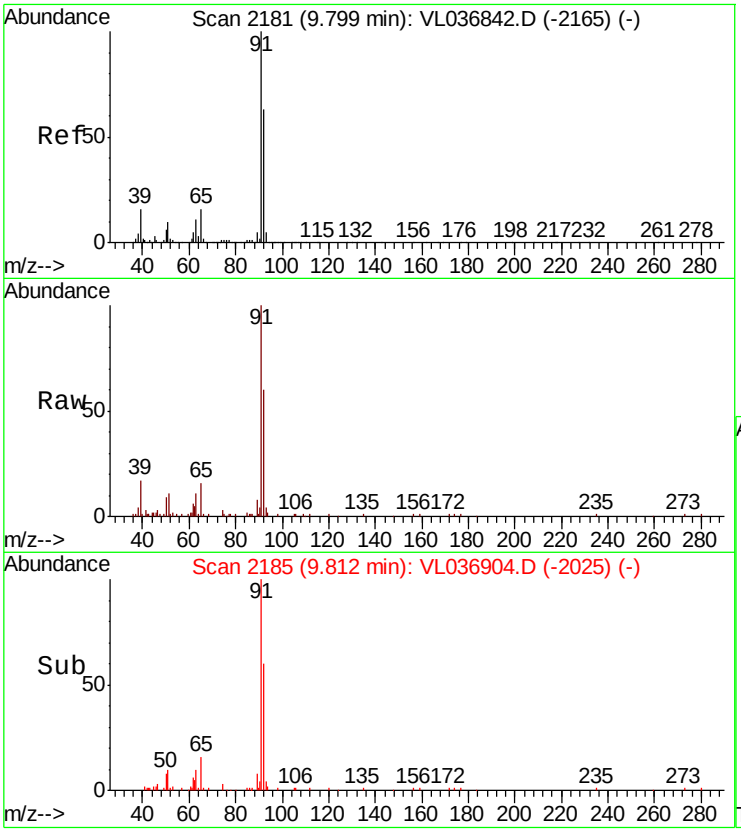


#52
Tetrachloroethene
Concen: 0.393 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:164 Resp: 37848

Ion	Ratio	Lower	Upper
164	100		
166	111.9	100.9	151.3
129	98.6	87.0	130.4
131	86.3	81.7	122.5



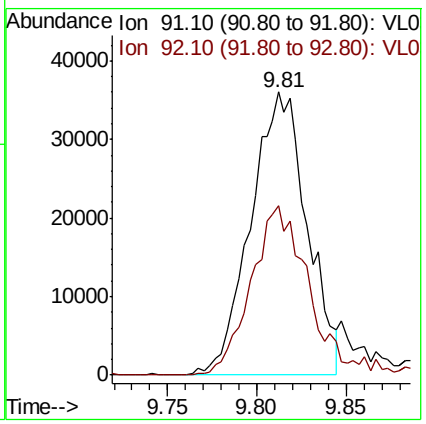


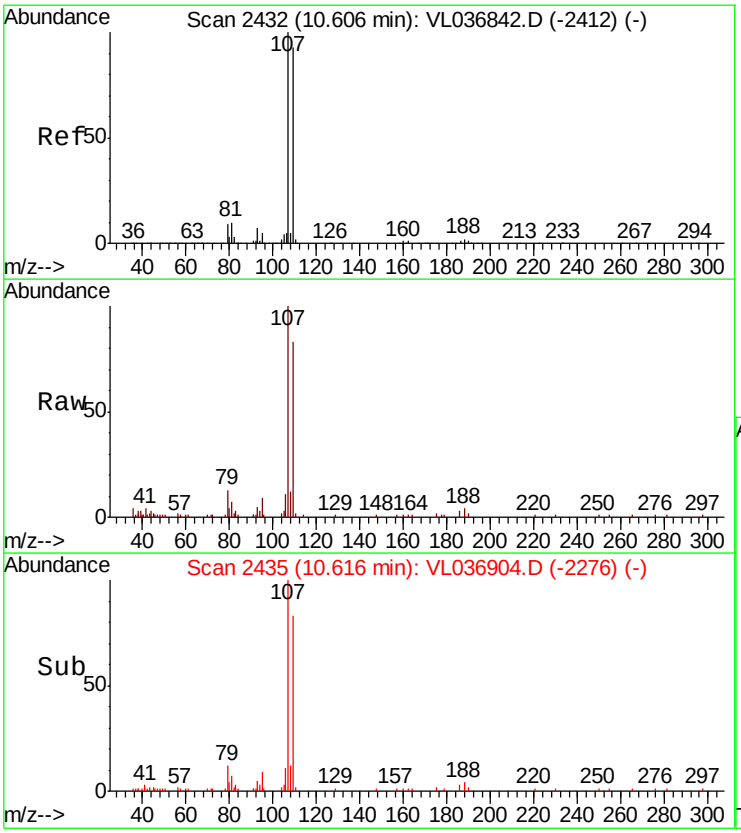
#53
Toluene
Concen: 0.268 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 91 Resp: 79354

Ion	Ratio	Lower	Upper
91	100		
92	64.0	49.0	73.4

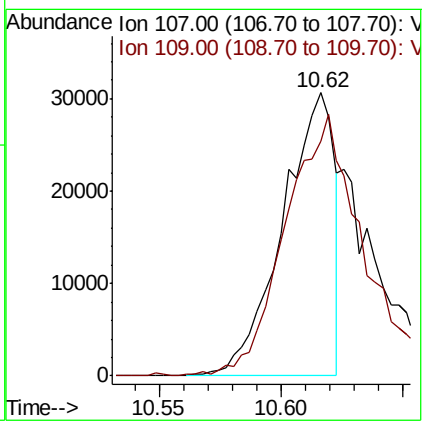


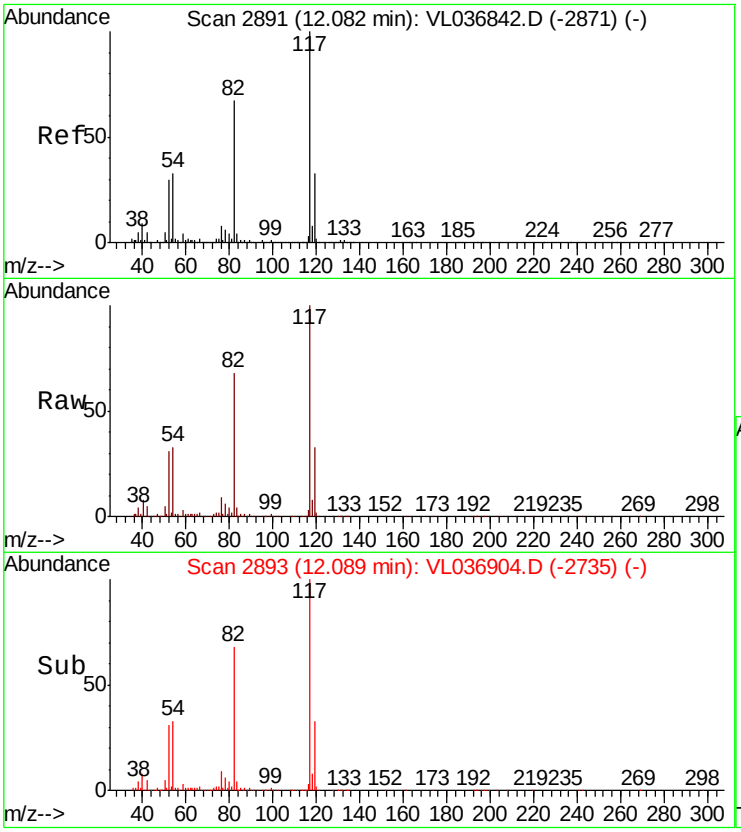


#54
1,2-Dibromoethane
Concen: 0.272 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:107 Resp: 44935

Ion	Ratio	Lower	Upper
107	100		
109	82.5	74.7	112.1



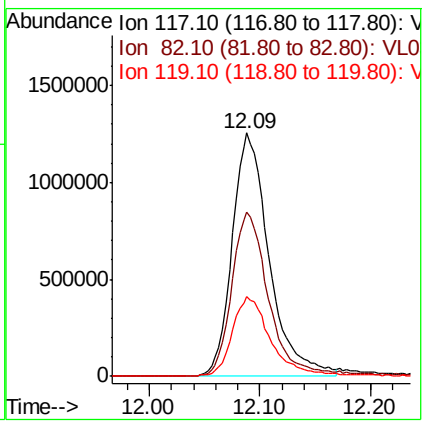


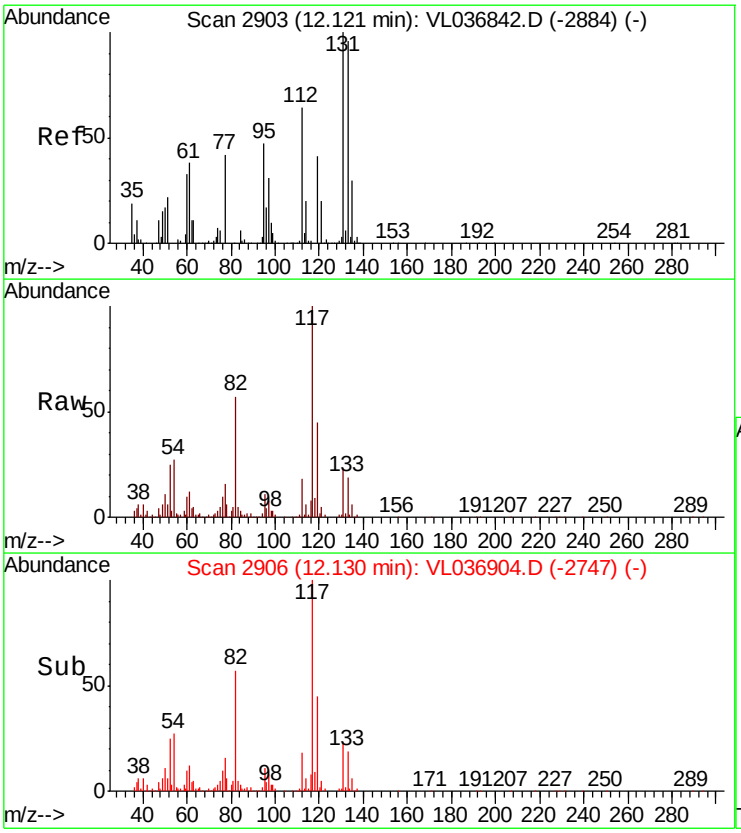
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:117 Resp: 2922028

Ion	Ratio	Lower	Upper
117	100		
82	69.0	53.5	80.3
119	35.0	25.6	38.4

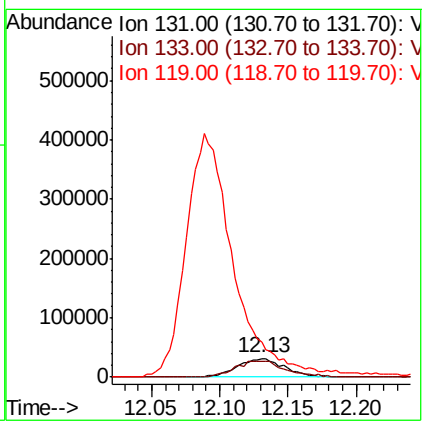


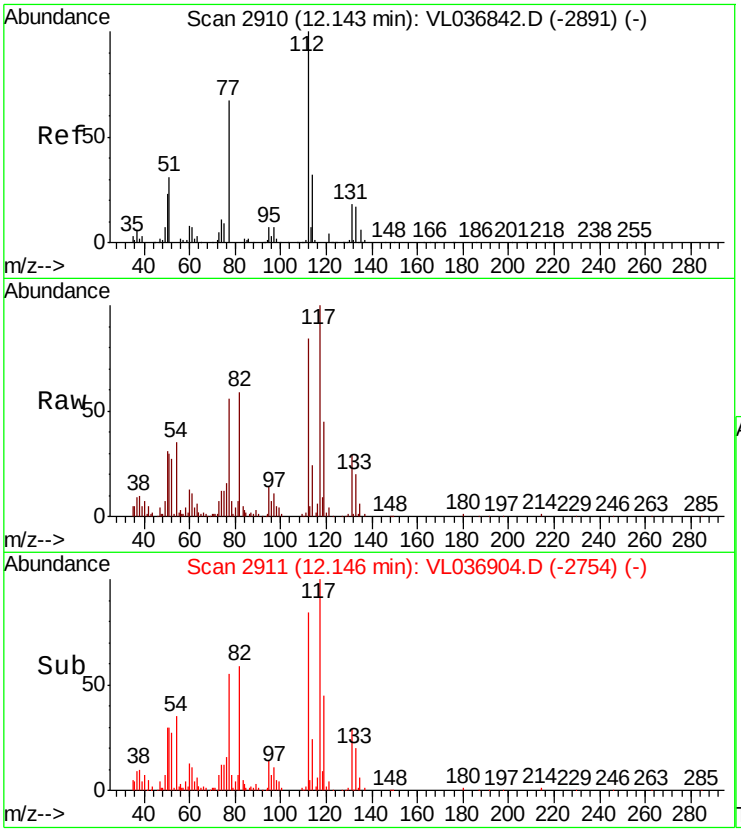


#56
1,1,1,2-Tetrachloroethane
Concen: 0.610 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:131 Resp: 74753

Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.3	114.5
119	1360.6	114.9	172.3#



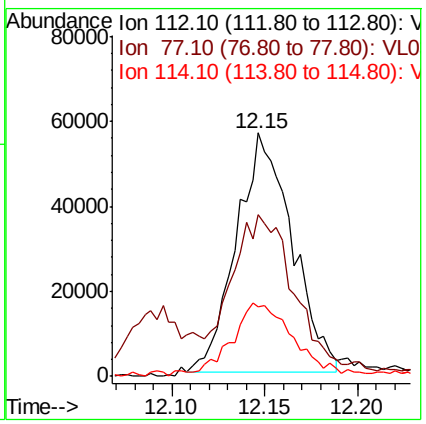


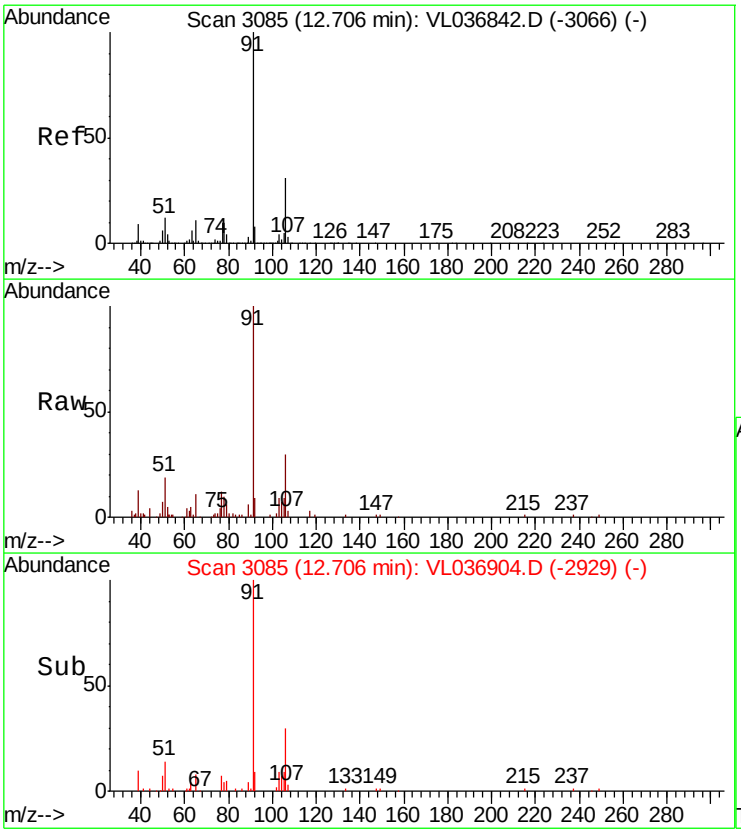
#57
Chlorobenzene
Concen: 0.516 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:112 Resp: 117384

Ion	Ratio	Lower	Upper
112	100		
77	60.9	54.2	81.4
114	27.3	28.5	34.9#

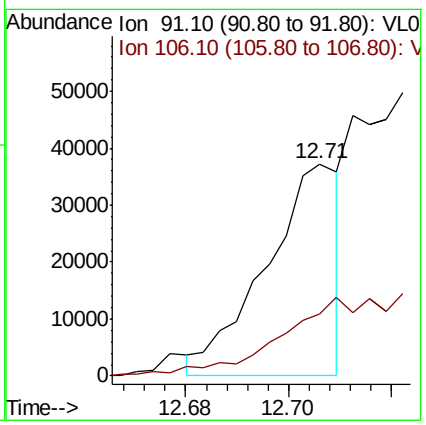


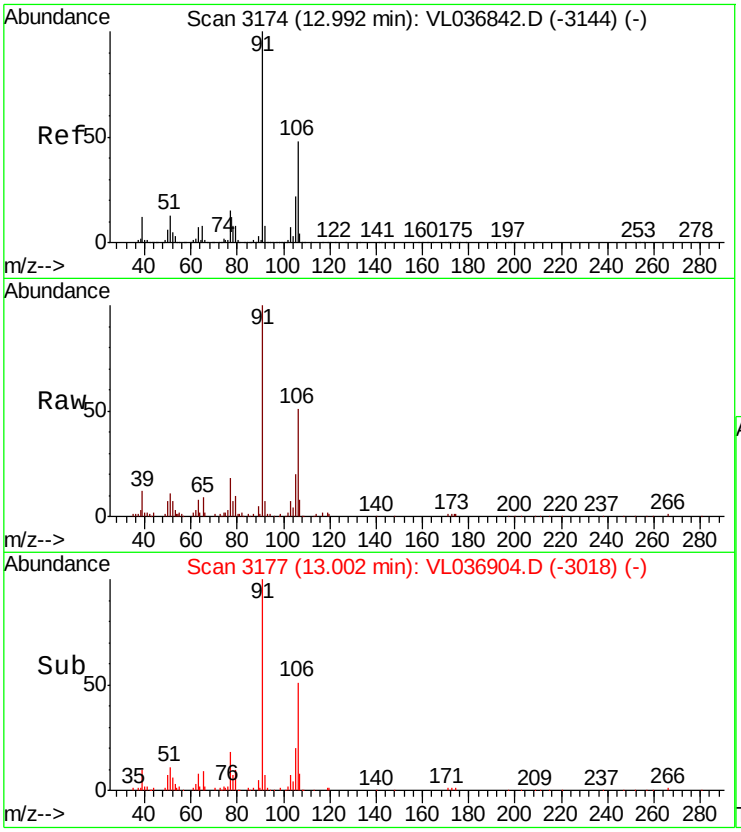


#58
Ethyl Benzene
Concen: 0.099 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 36649

Ion	Ratio	Lower	Upper
91	100		
106	28.1	25.1	37.7



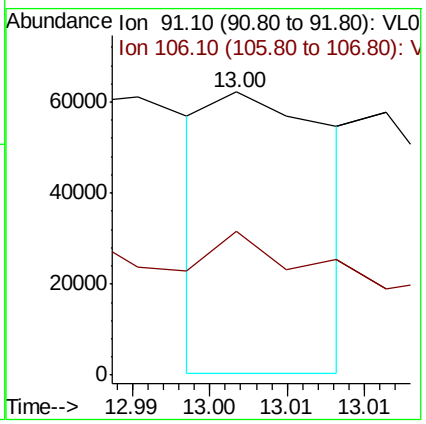


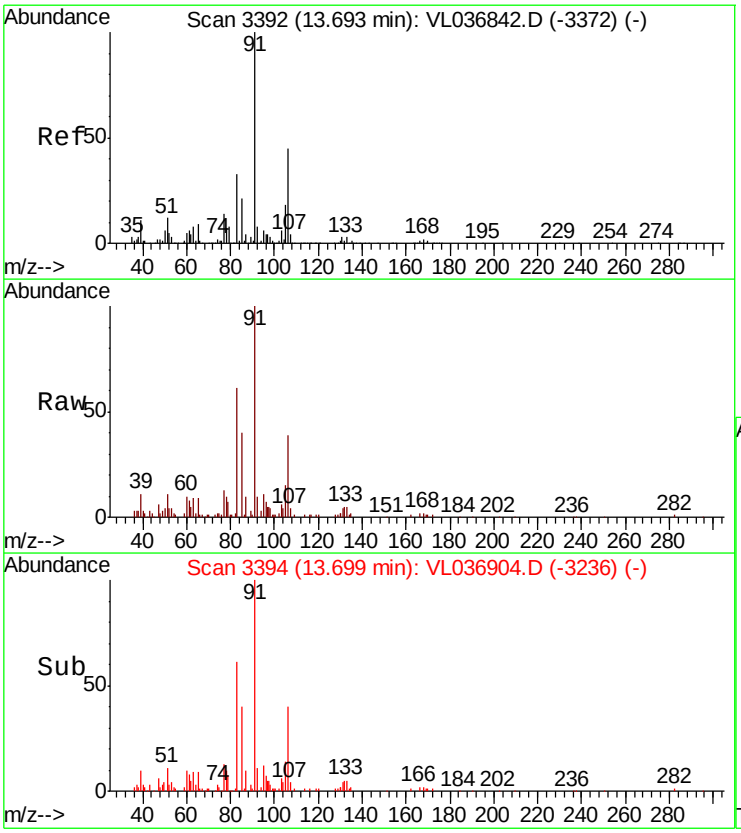
#59
m/p-Xylene
Concen: 0.100 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 91 Resp: 33238

Ion	Ratio	Lower	Upper
91	100		
106	304.9	35.8	53.6#

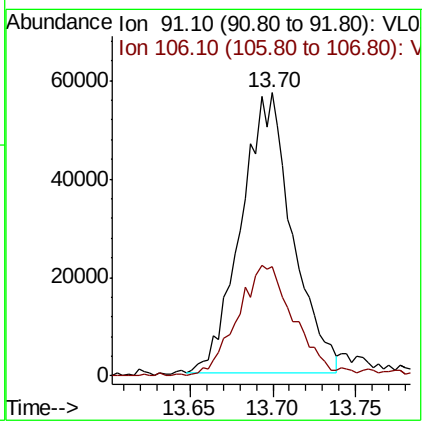


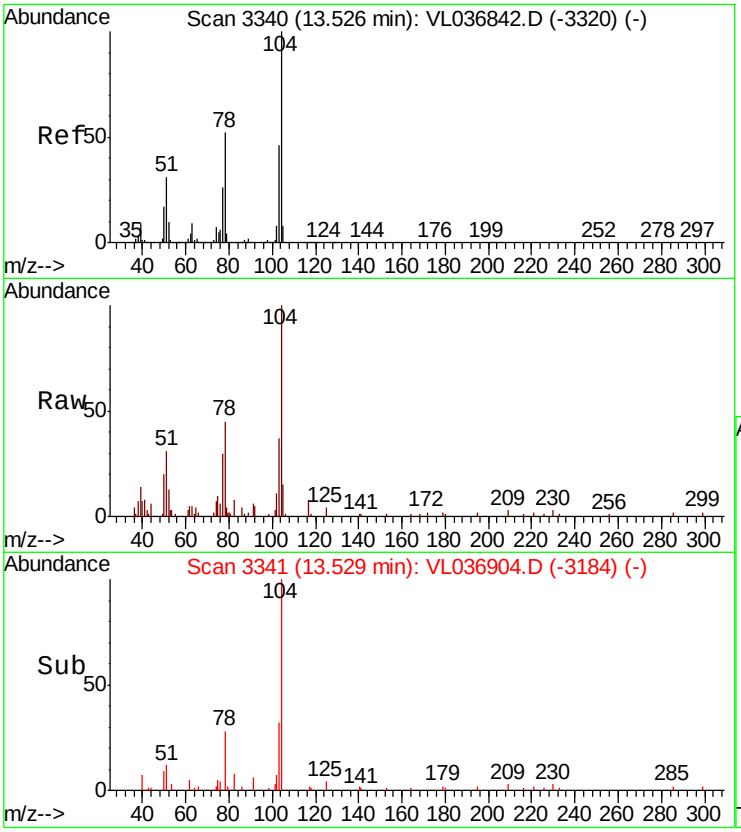


#60
o-Xylene
Concen: 0.383 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 122626

Ion	Ratio	Lower	Upper
91	100		
106	46.4	22.6	67.7



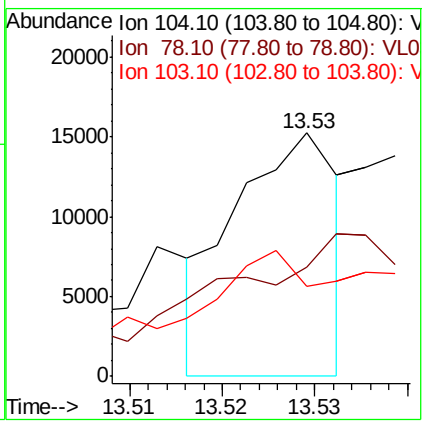


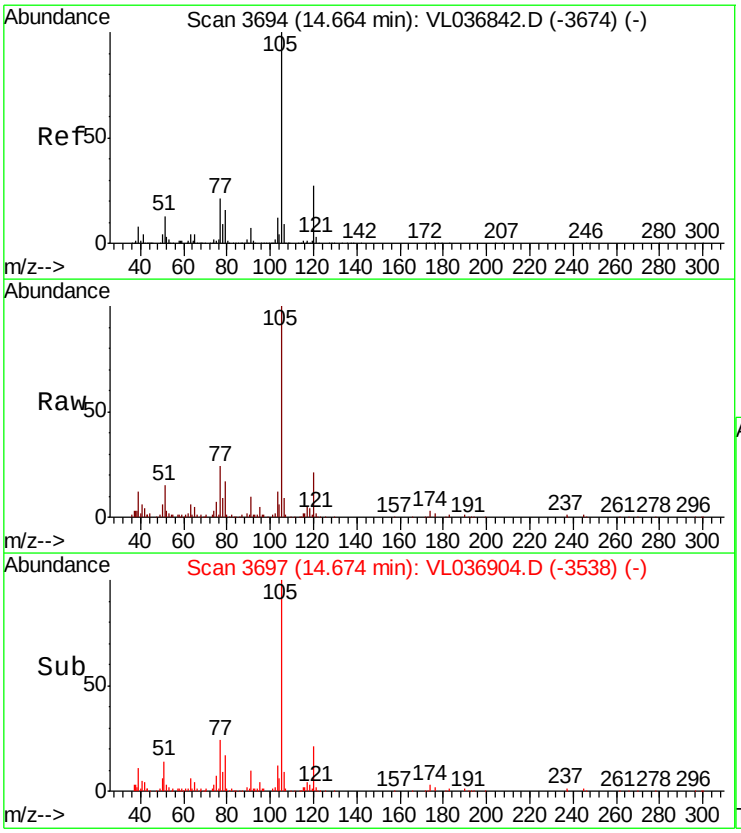
#61
Stvrene
Concen: 0.078 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:104 Resp: 11761

Ion	Ratio	Lower	Upper
104	100		
78	190.5	42.6	64.0#
103	168.3	38.1	57.1#

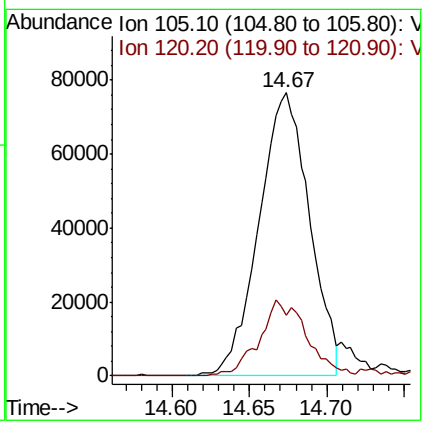


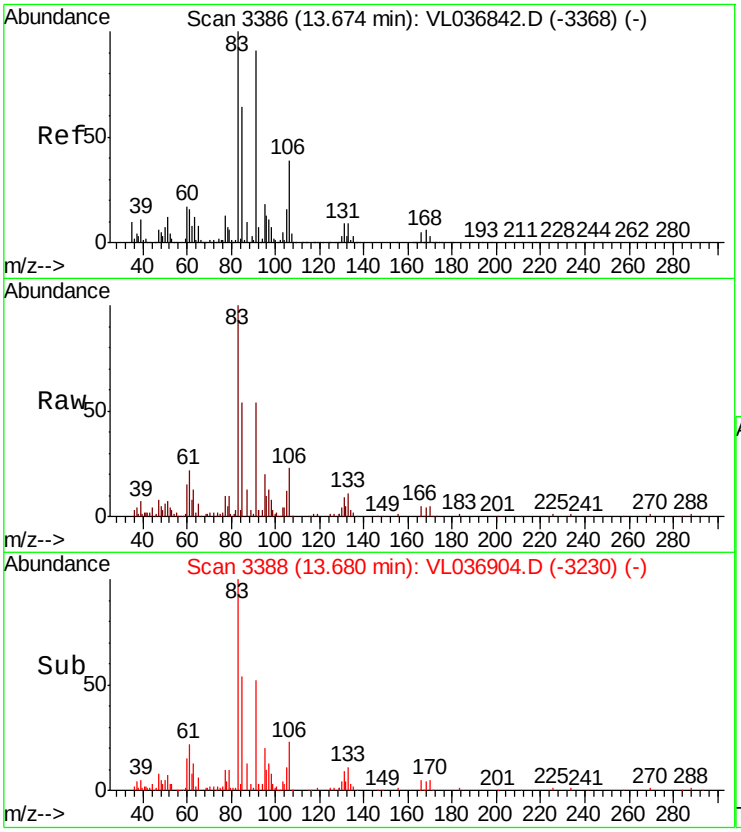


#62
Isopropylbenzene
Concen: 0.400 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:105 Resp: 174216

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.1	31.7



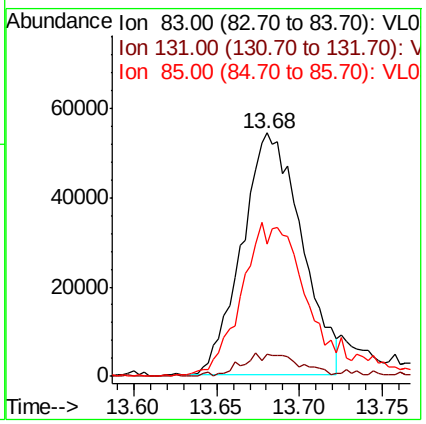


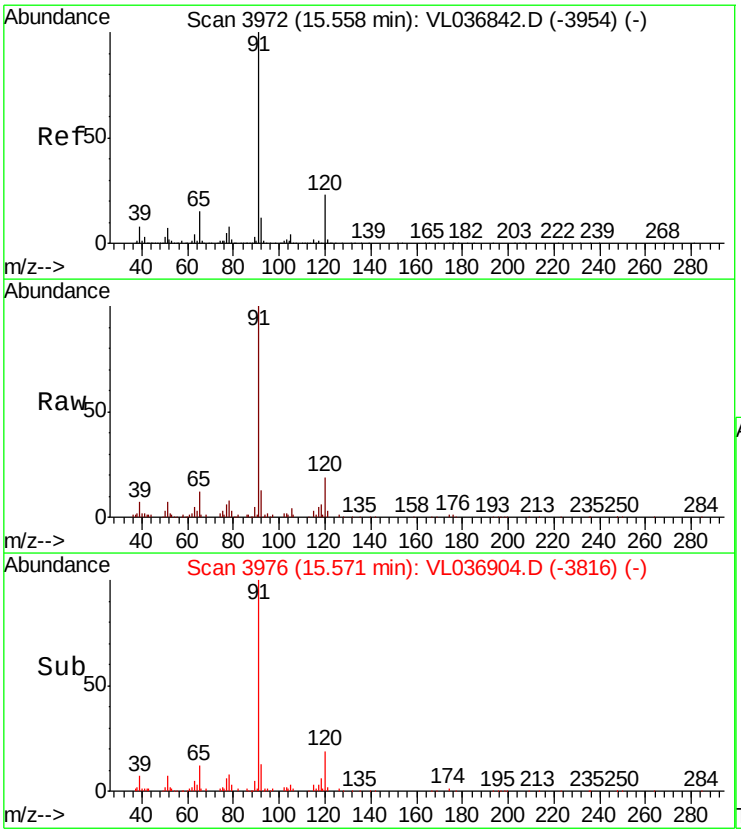
#63
1,1,2,2-Tetrachloroethane
Concen: 0.527 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 83 Resp: 135384

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.8	14.3
85	73.2	32.8	98.4

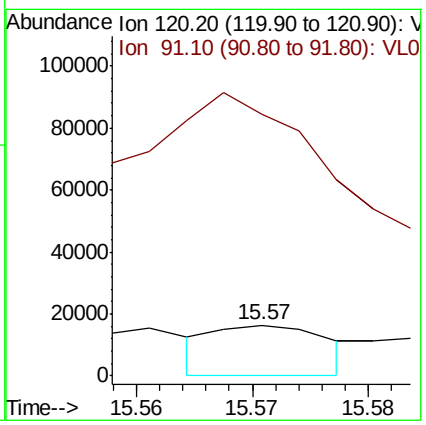


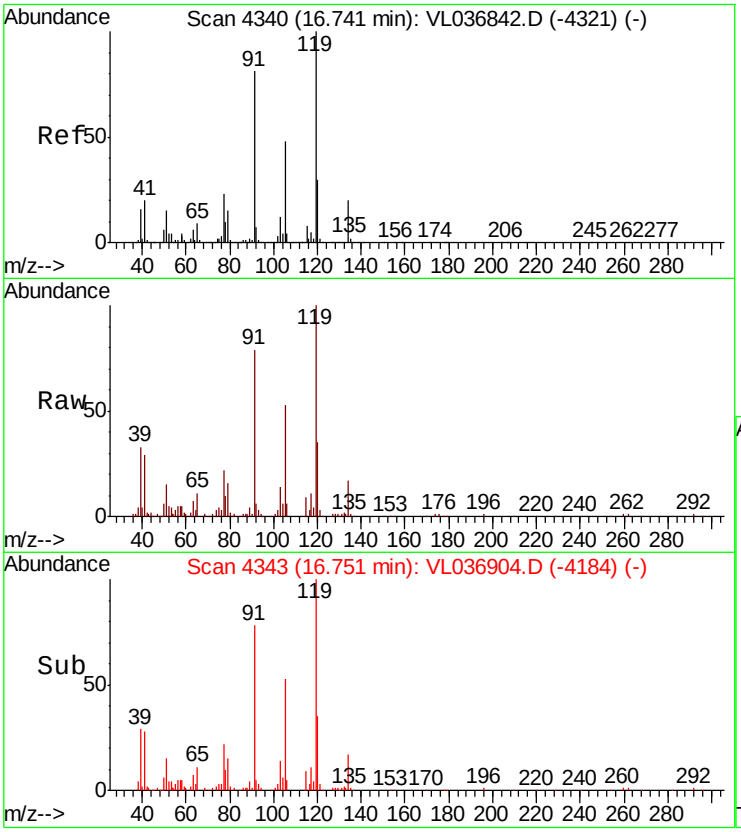


#64
n-propylbenzene
Concen: 0.103 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:120 Resp: 11147

Ion	Ratio	Lower	Upper
120	100		
91	1981.2	378.6	567.8#



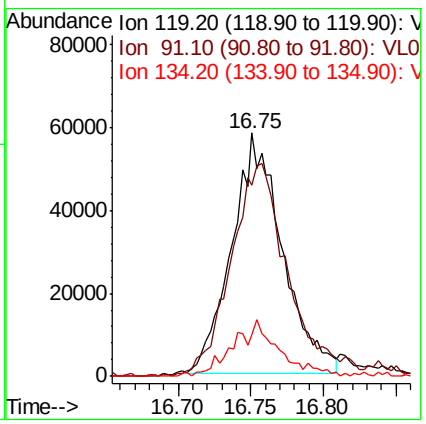


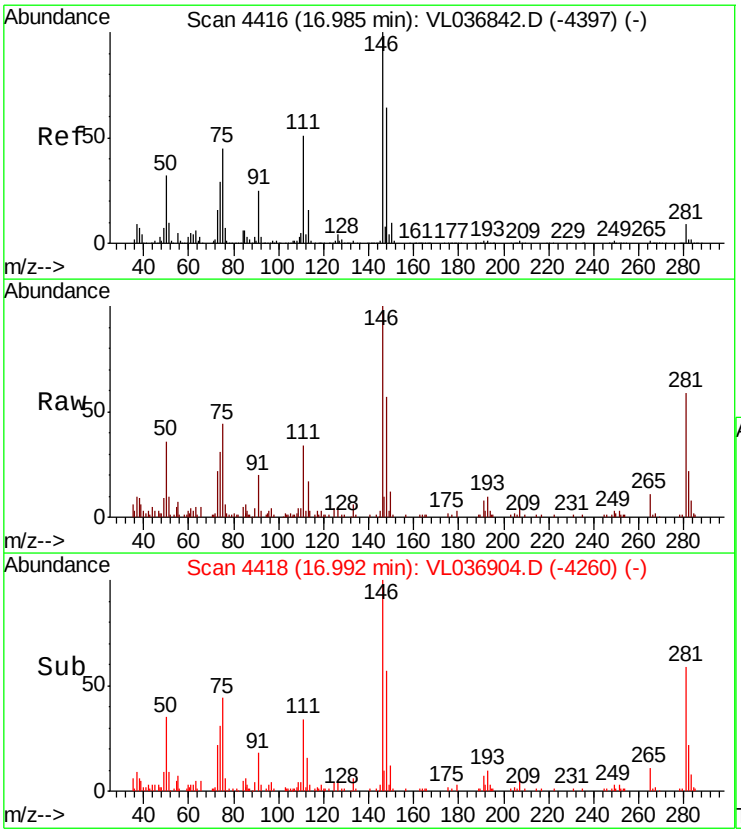
#65
tert-Butylbenzene
Concen: 0.366 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:119 Resp: 140965

Ion	Ratio	Lower	Upper
119	100		
91	102.7	67.0	100.6#
134	21.5	15.8	23.6

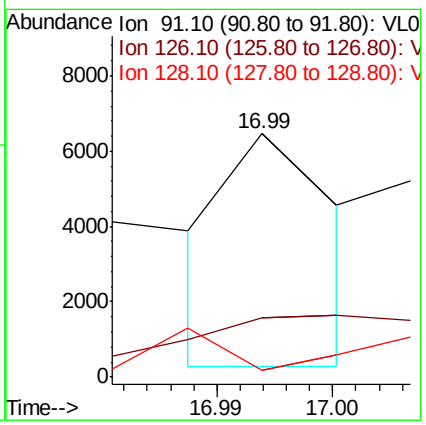


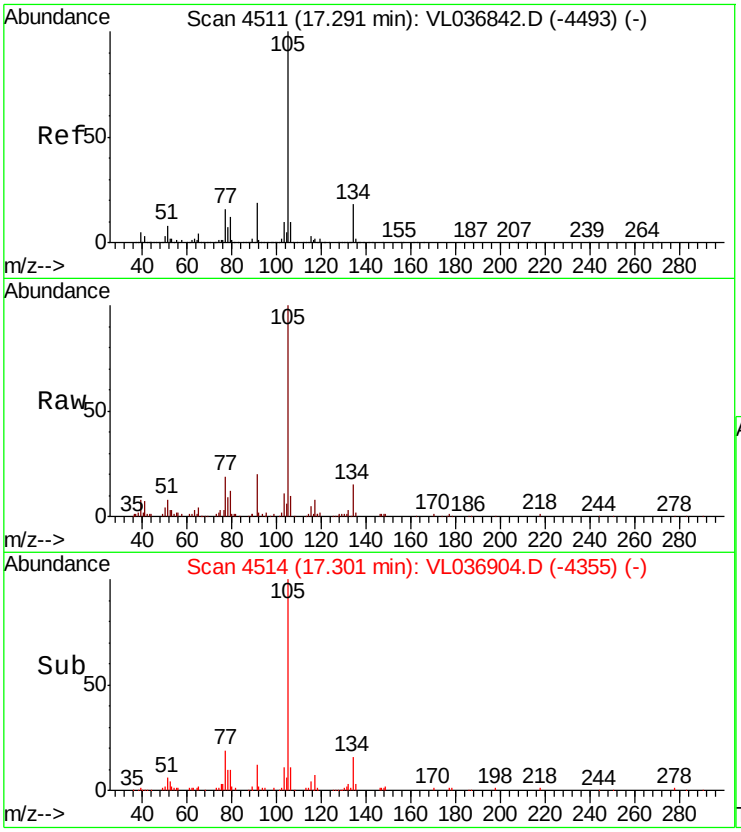


#66
Benzyl Chloride
Concen: 0.054 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 2024

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	60.1	4.8	7.2#



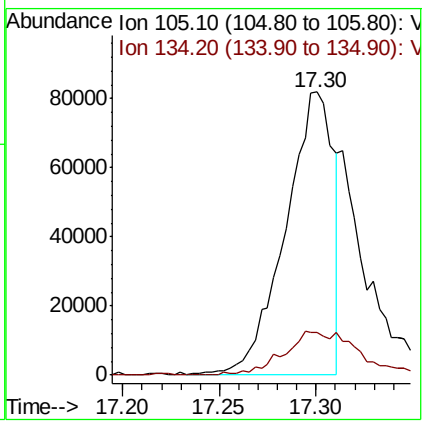


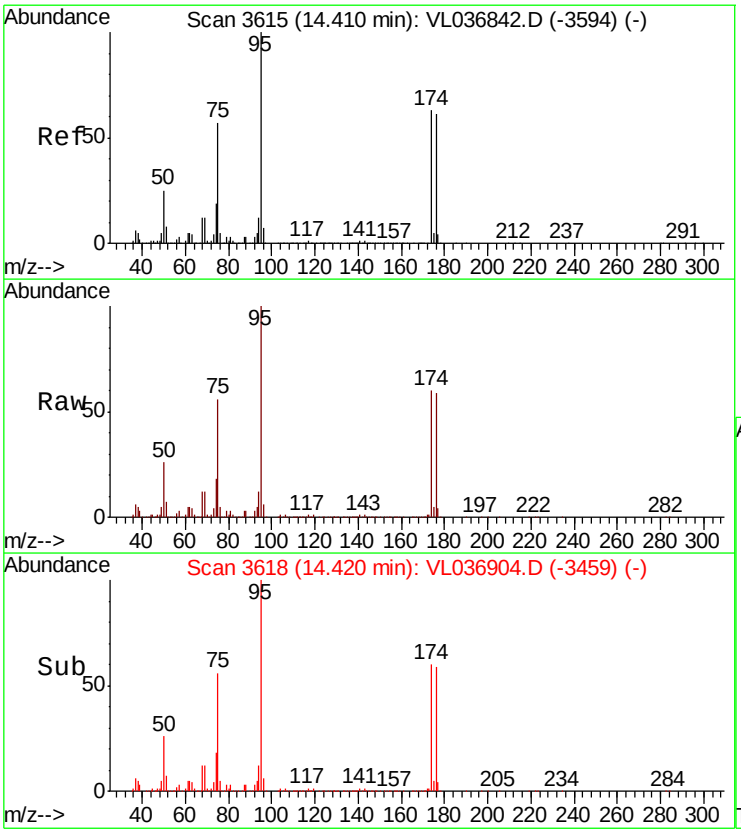
#67
sec-Butylbenzene
Concen: 0.265 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:105 Resp: 141915

Ion	Ratio	Lower	Upper
105	100		
134	25.7	14.8	22.2#

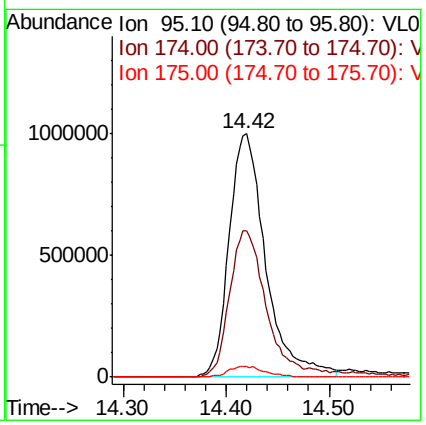


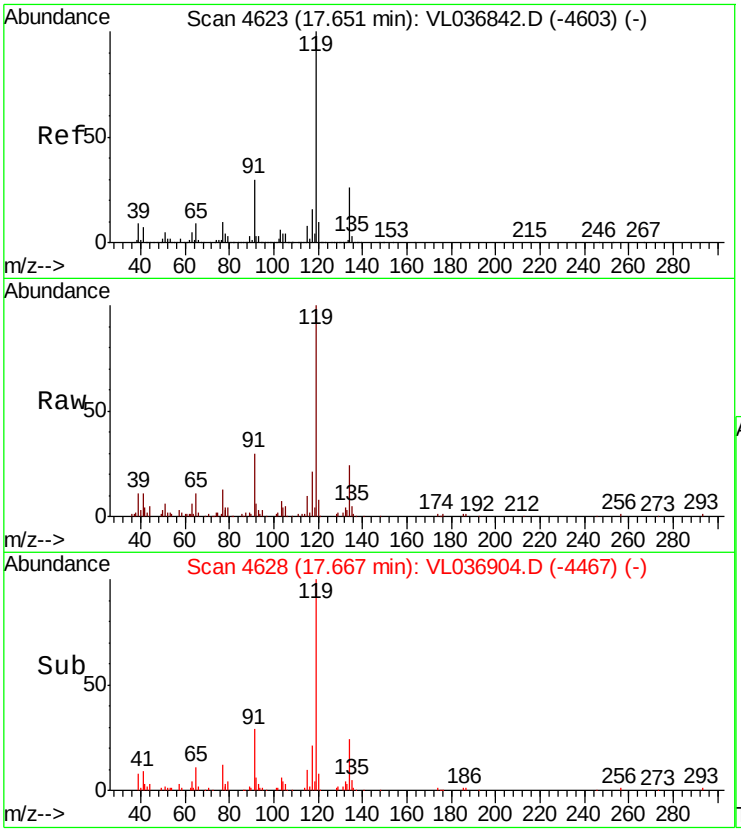


#68
1-Bromo-4-Fluorobenzene
Concen: 10.532 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 95 Resp: 2470501

Ion	Ratio	Lower	Upper
95	100		
174	63.4	52.2	78.2
175	4.7	4.0	6.0



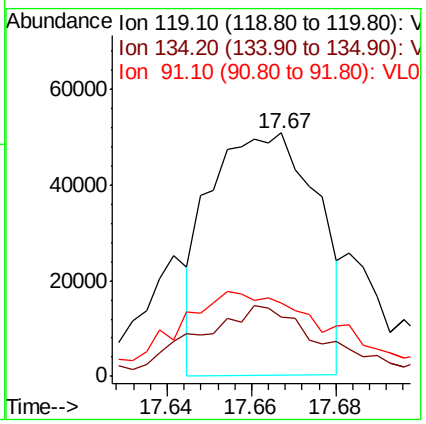


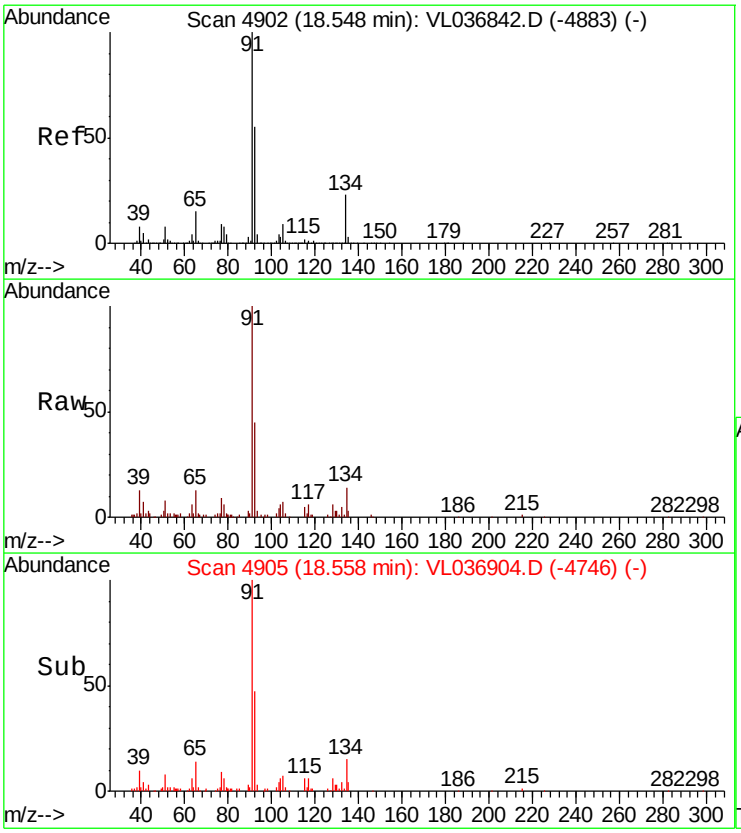
#69
p-Isopropyltoluene
Concen: 0.209 ppbv
RT: 17.67
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:119 Resp: 89460

Ion	Ratio	Lower	Upper
119	100		
134	40.9	20.6	31.0#
91	58.4	24.2	36.4#

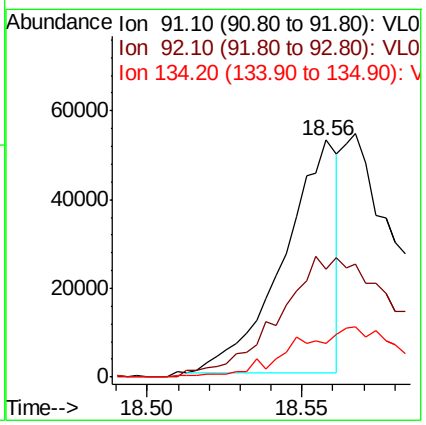


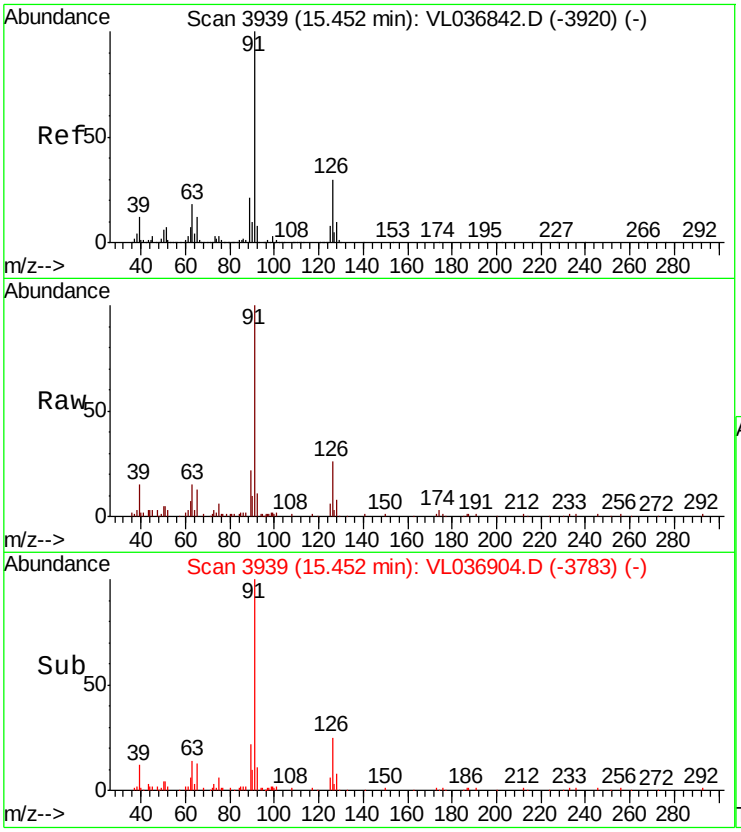


#70
n-Butylbenzene
Concen: 0.148 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion: 91 Resp: 64021

Ion	Ratio	Lower	Upper
91	100		
92	124.3	43.5	65.3#
134	0.0	18.2	27.4#



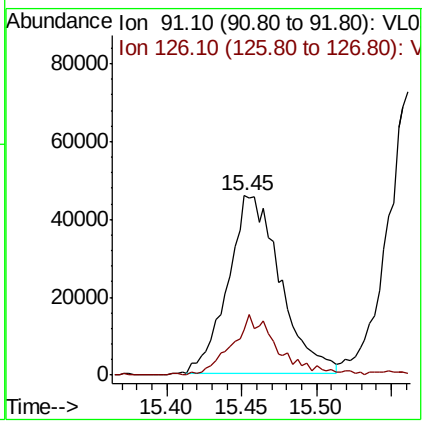


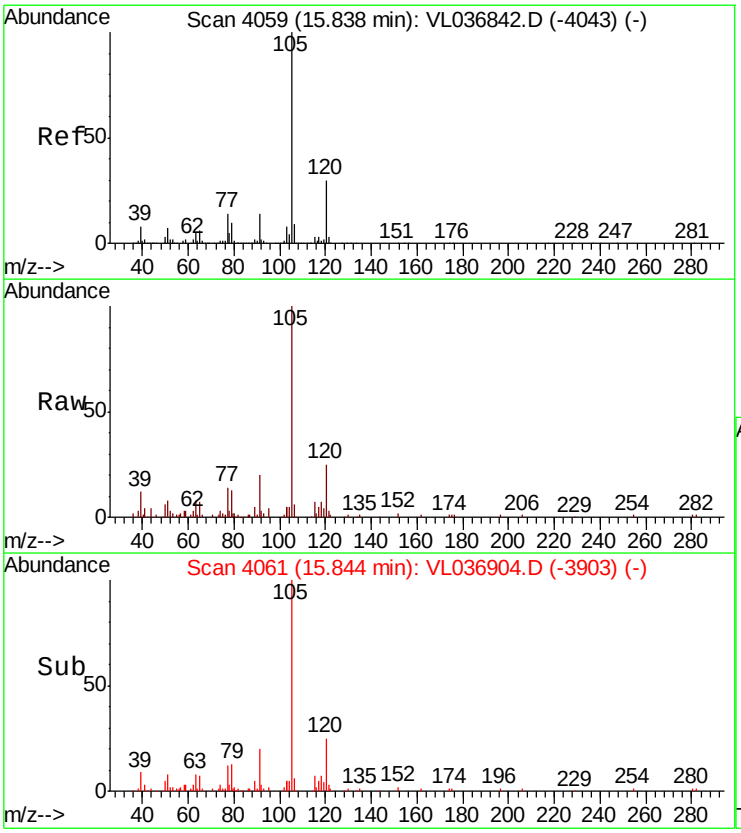
#71
2-Chlorotoluene
Concen: 0.342 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion: 91 Resp: 110492

Ion	Ratio	Lower	Upper
91	100		
126	30.6	12.3	49.3

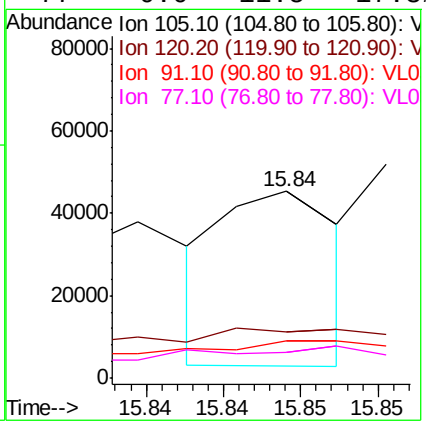


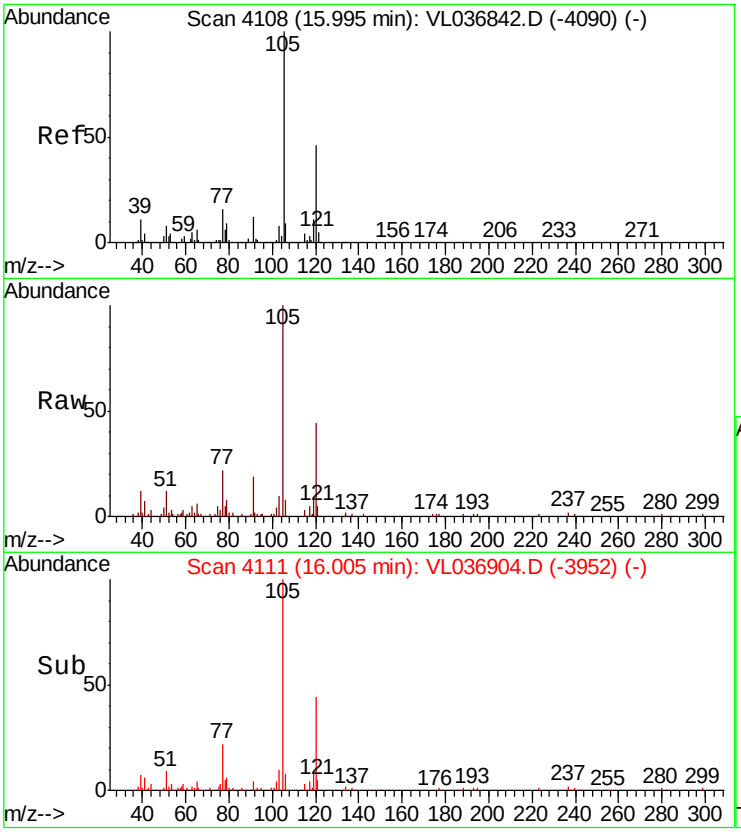


#72
4-Ethyltoluene
Concen: 0.065 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:105 Resp: 22223

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



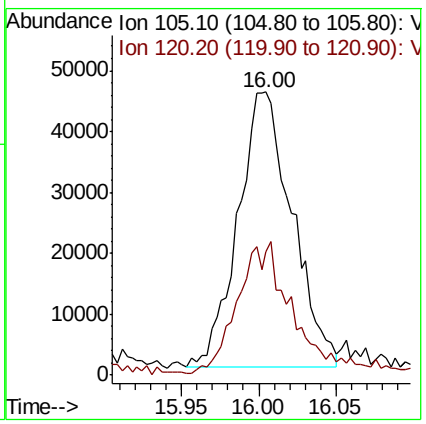


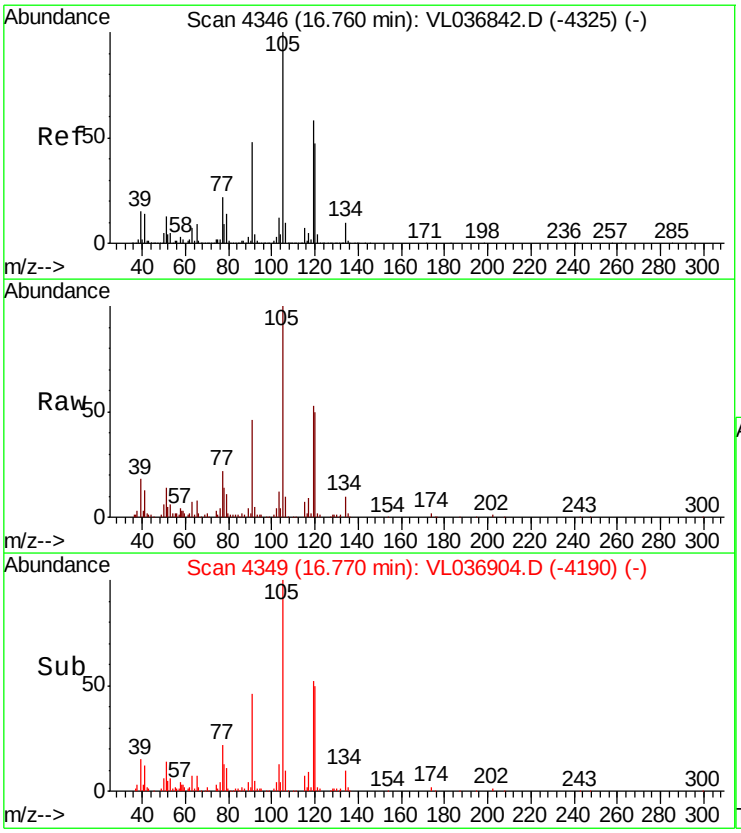
#73
1,3,5-Trimethylbenzene
Concen: 0.332 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:105 Resp: 110645

Ion	Ratio	Lower	Upper
105	100		
120	44.3	36.8	55.2

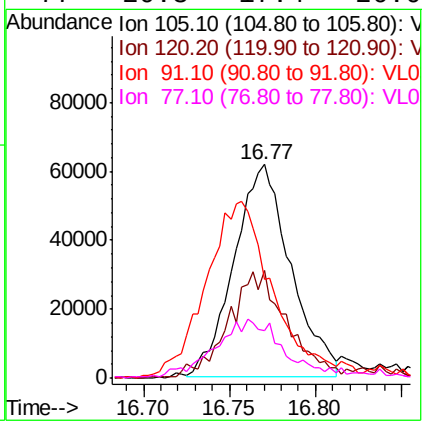


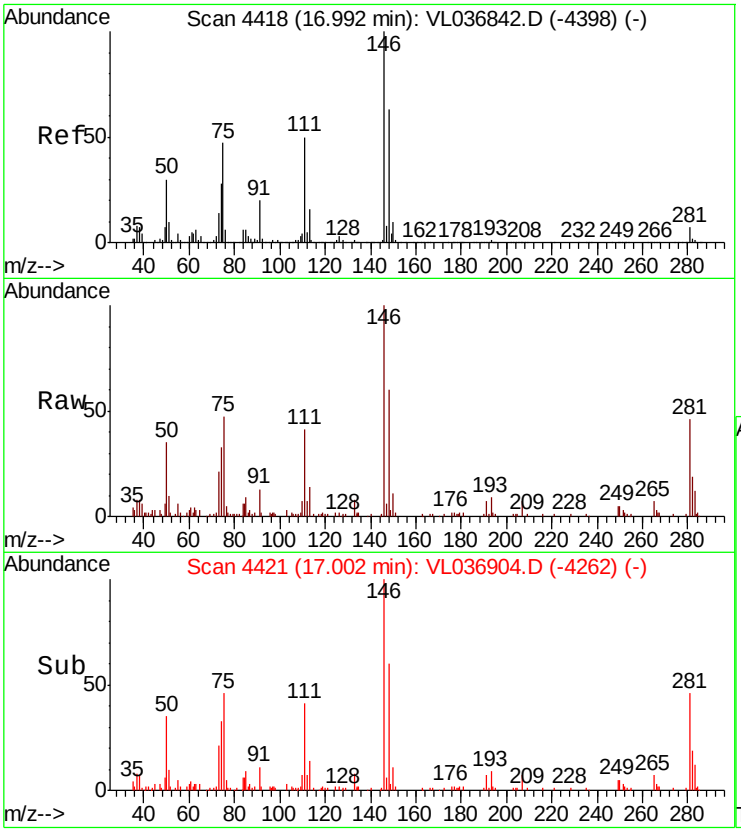


#74
1,2,4-Trimethylbenzene
Concen: 0.400 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:105 Resp: 141559

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.6	56.4
91	40.7	39.0	58.4
77	20.3	17.4	26.0



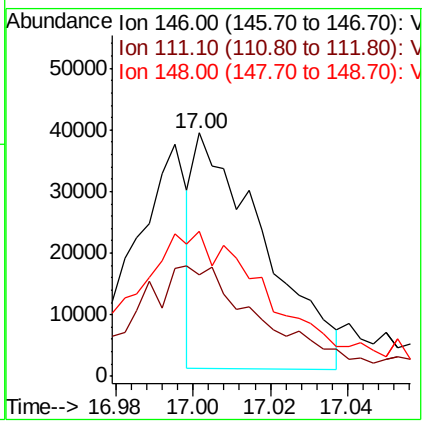


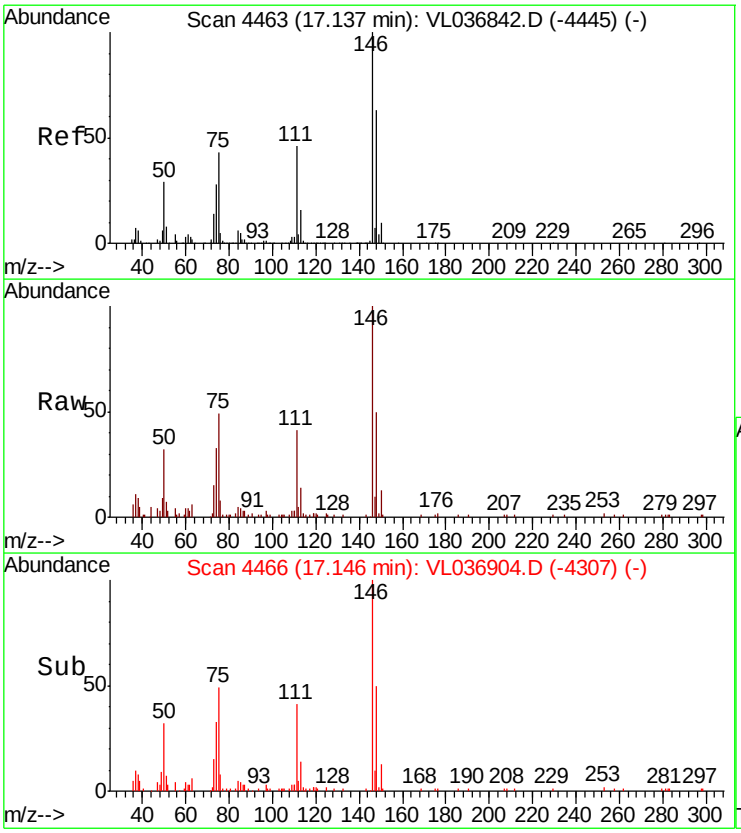
#75
1,3-Dichlorobenzene
Concen: 0.228 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:146 Resp: 47738

Ion	Ratio	Lower	Upper
146	100		
111	101.4	24.2	72.6#
148	141.0	32.1	96.3#

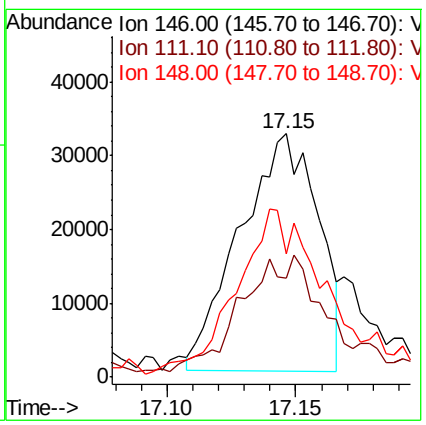


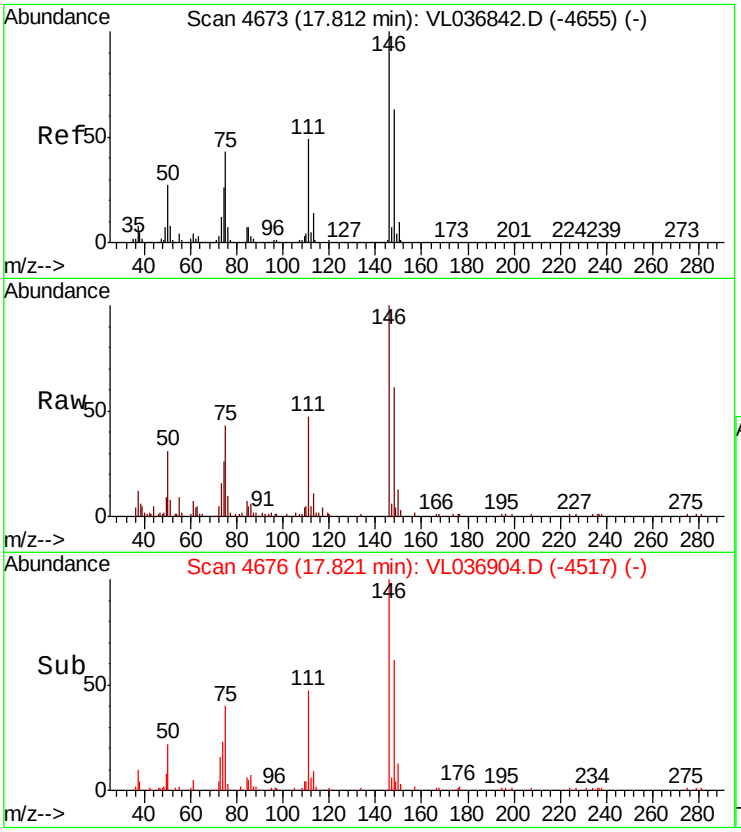


#76
1,4-Dichlorobenzene
Concen: 0.331 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. 0.01 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:146 Resp: 67890

Ion	Ratio	Lower	Upper
146	100		
111	69.6	24.3	72.8
148	79.9	32.4	97.0



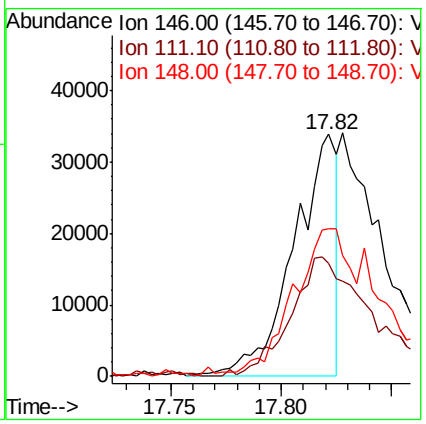


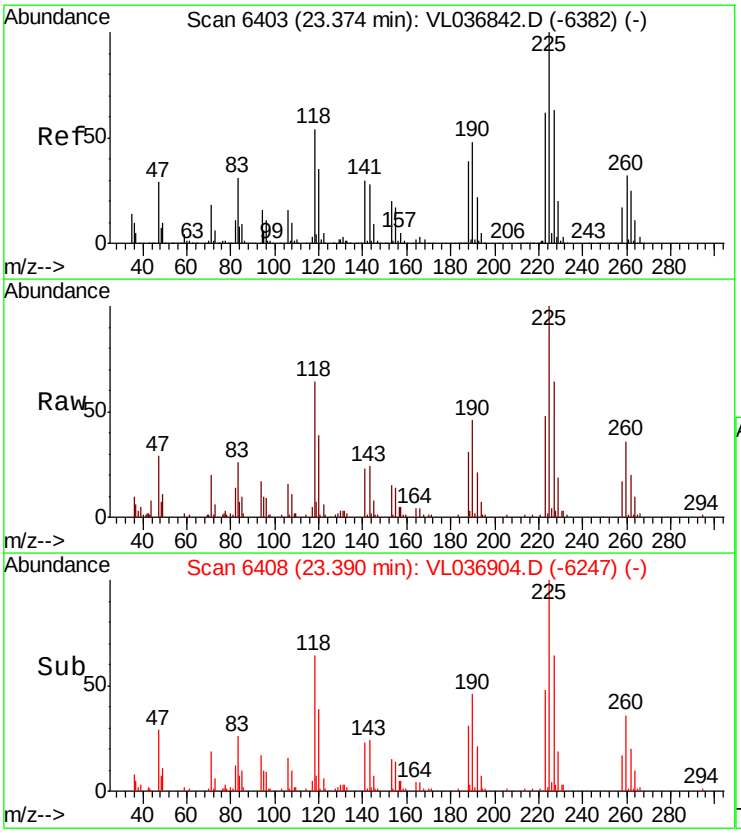
#77
1,2-Dichlorobenzene
Concen: 0.225 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:146 Resp: 45906

Ion	Ratio	Lower	Upper
146	100		
111	103.4	25.0	75.0#
148	131.6	32.4	97.0#

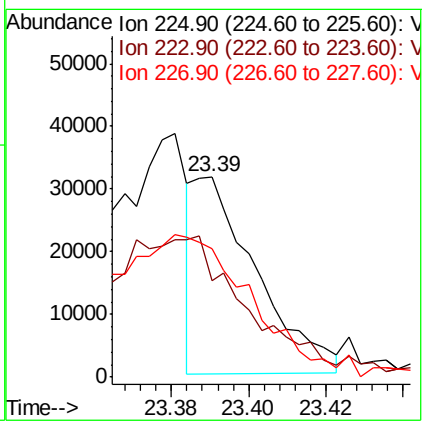


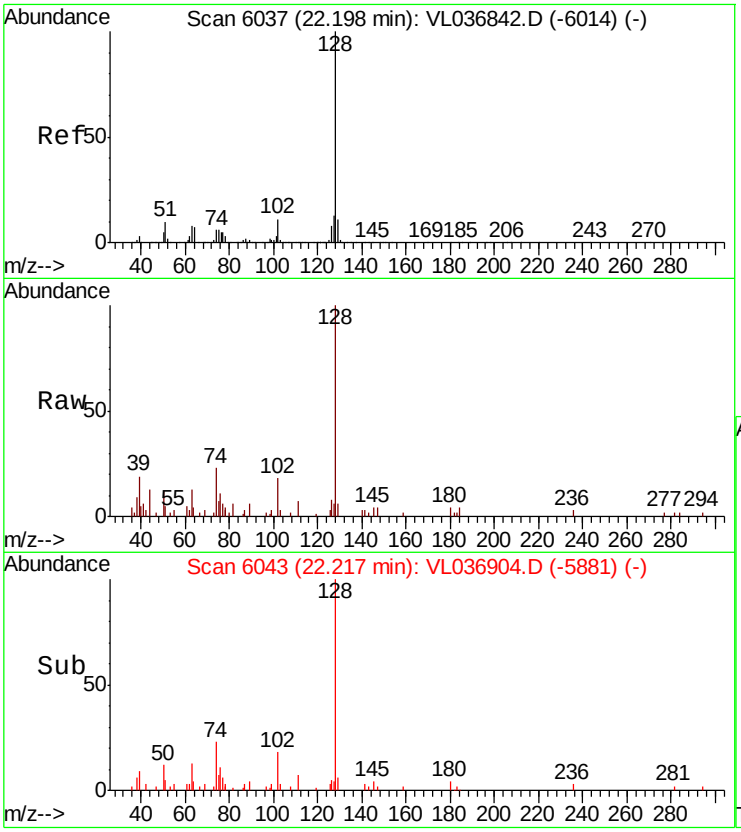


#78
Hexachloro-1,3-Butadiene
Concen: 0.201 ppbv
RT: 23.39 min Scan# 6408
Delta R.T. 0.02 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:225 Resp: 34908

Ion	Ratio	Lower	Upper
225	100		
223	170.7	51.2	76.8#
227	0.0	51.8	77.6#



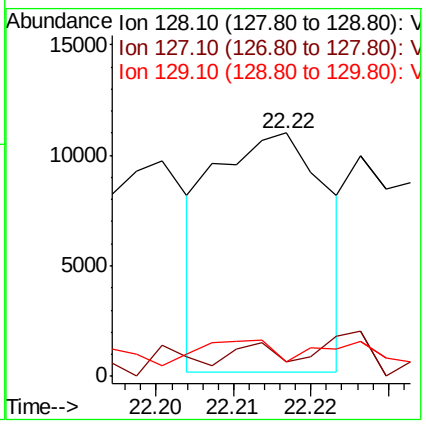


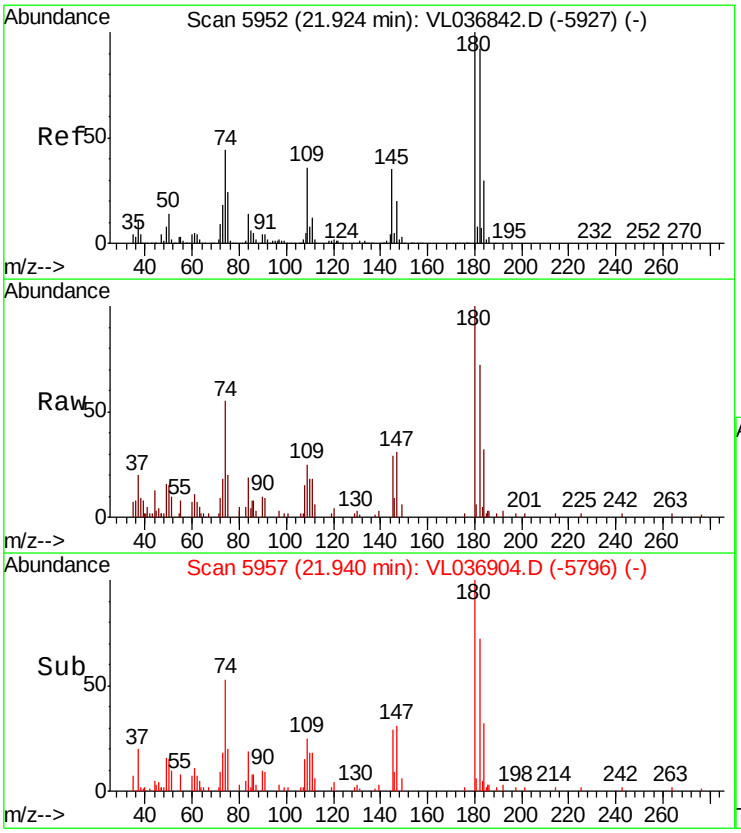
#79
Naphthalene
Concen: 0.055 ppbv
RT: 22.22
Delta R.T
Lab File:
Acq: 6 May 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2021

Tgt Ion:128 Resp: 10991

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	9.0	13.4#





#81
1,2,4-Trichlorobenzene
Concen: 0.095 ppbv
RT: 21.94 min Scan# 5957
Delta R.T. 0.02 min
Lab File: VL036904.D
Acq: 6 May 2021 15:27

Tgt Ion:180 Resp: 12195

Ion	Ratio	Lower	Upper
180	100		
182	306.0	80.9	121.3#
184	117.4	25.3	37.9#