Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037903.D
Acq On : 25 Oct 2021 21:09
Operator : SY/AP
Sample : M4068-15 0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2021

Quant Time: Oct 25 23:53:26 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	1430350	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	4297847	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.10	117	3495715	10.00	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2567256	10.50	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	28378	0.124	ppbv		92
3) Chlorodifluoromethane	3.01	51	35856	0.130	ppbv		97
4) Chloromethane	3.15	50	6938	0.069	ppbv	#	84
5) Vinyl Chloride	3.27	62	4817	0.052	ppbv		95
6) Bromomethane	3.48	94	2293	0.046	ppbv		84
7) Chloroethane	3.57	64	1295	0.038	ppbv		96
8) Dichlorotetrafluoroethane	3.20	85	26650	0.118	ppbv	#	82
9) Propene	3.02	41	4242	0.042	ppbv	#	16
11) Trichlorofluoromethane	3.97	101	24661	0.121	ppbv	#	74
12) 1,1,2-Trichlorotrifluoroet	4.50	101	8640	0.056	ppbv	#	10
14) Bromoethene	3.76	108	4598	0.068	ppbv	#	13
16) 1,3-Butadiene	3.35	39	6022	0.064	ppbv	#	11
18) 1,1-Dichloroethene	4.31	96	3140	0.045	ppbv	#	22
20) Methylene Chloride	4.36	84	12884	0.199	ppbv	#	86
21) Allyl Chloride	4.43	41	4374	0.038	ppbv	#	21
22) trans-1,2-Dichloroethene	4.90	96	3159	0.045	ppbv	#	1
24) 1,1-Dichloroethane	5.03	63	5359	0.038	ppbv	#	94
25) Ethyl Acetate	5.71	43	20251	0.056	ppbv	#	75
27) Carbon Disulfide	4.57	76	3547	0.023	ppbv	#	64
28) Methyl tert-Butyl Ether	5.08	73	8063	0.055	ppbv	#	50
29) Chloroform	5.77	83	26846	0.106	ppbv		88
31) cis-1,2-Dichloroethene	5.56	61	9864	0.061	ppbv	#	85
32) 1,1,1-Trichloroethane	6.53	97	19085	0.079	ppbv	#	66
35) Carbon Tetrachloride	7.04	117	19637	0.080	ppbv		90
37) 1,2-Dichloroethane	6.33	62	9841	0.057	ppbv	#	82
38) Trichloroethene	7.85	130	6605	0.046	ppbv	#	21
39) 1,2-Dichloropropane	7.19	63	1014779	7.349	ppbv	#	28
42) Bromodichloromethane	7.81	83	14355	0.057	ppbv	#	80
43) Methyl Methacrylate	8.04	69	3136	0.026	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.88	57	20025	0.032	ppbv	#	11
45) t-1,3-Dichloropropene	9.30	75	2188	0.027	ppbv		97
47) 1,1,2-Trichloroethane	9.49	97	8323	0.055	ppbv	#	63
48) Dibromochloromethane	10.32	129	7683	0.036	ppbv	#	1
49) Bromoform	13.06	173	7240	0.044	ppbv	#	56
52) Tetrachloroethene	11.24	164	7331	0.051	ppbv		91
56) 1,1,1,2-Tetrachloroethane	12.14	131	11293	0.078	ppbv	#	40
60) o-Xylene	13.71	91	10203	0.026	ppbv	#	19
63) 1,1,2,2-Tetrachloroethane	13.69	83	14615	0.049	ppbv	#	5
66) Benzyl Chloride	17.00	91	603	0.026	ppbv	#	81
67) sec-Butylbenzene	17.31	105	23092	0.036	ppbv	#	58
73) 1,3,5-Trimethylbenzene	16.01	105	10457	0.026	ppbv	#	84

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037903.D
Acq On : 25 Oct 2021 21:09
Operator : SY/AP
Sample : M4068-15 0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Quant Time: Oct 25 23:53:26 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3-Dichlorobenzene	17.01	146	5236	0.020	ppbv #	1
76) 1,4-Dichlorobenzene	17.16	146	7619	0.031	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.40	225	7196	0.035	ppbv #	18

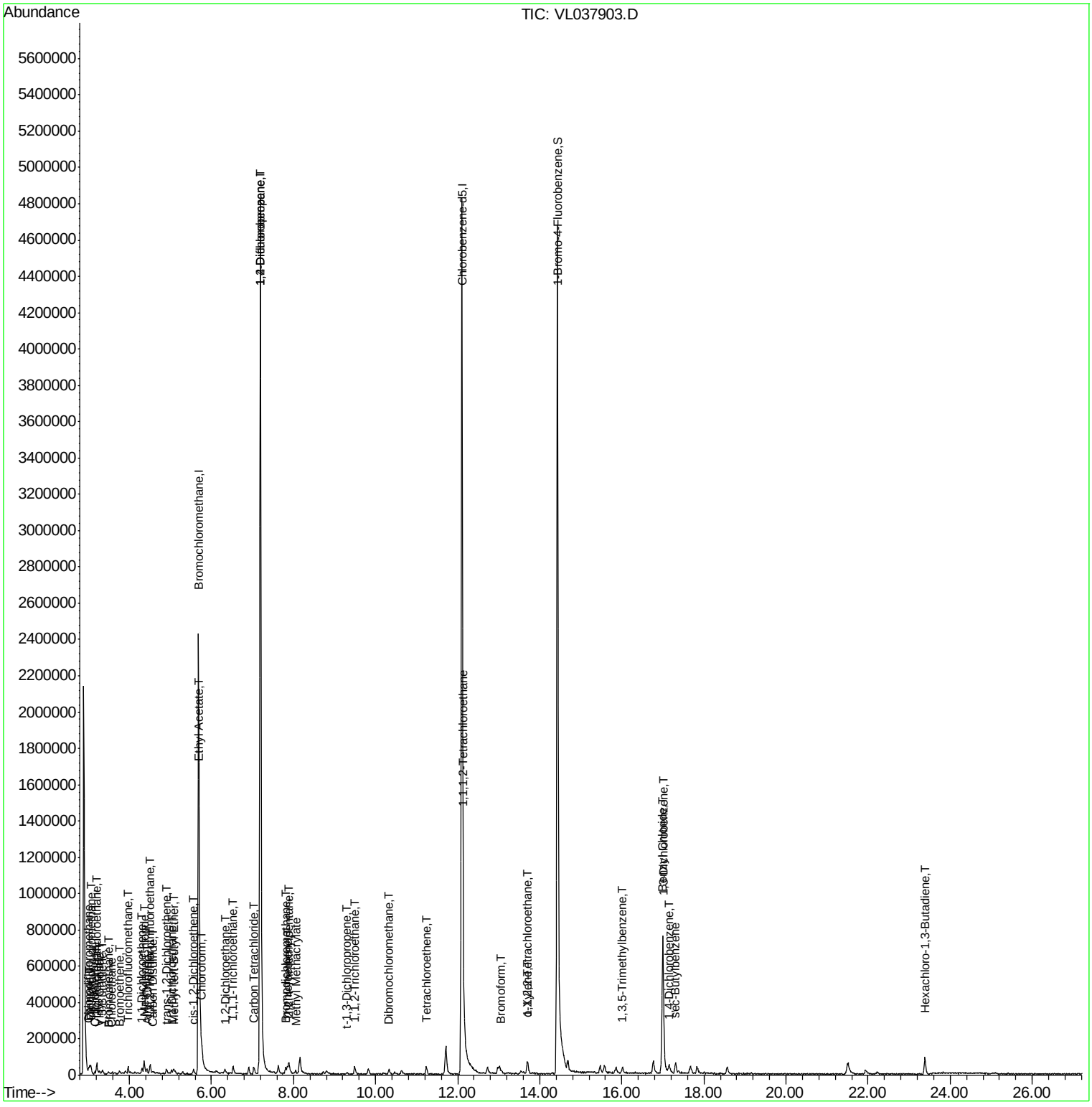
(#) = qualifier out of range (m) = manual integration (+) = signals summed

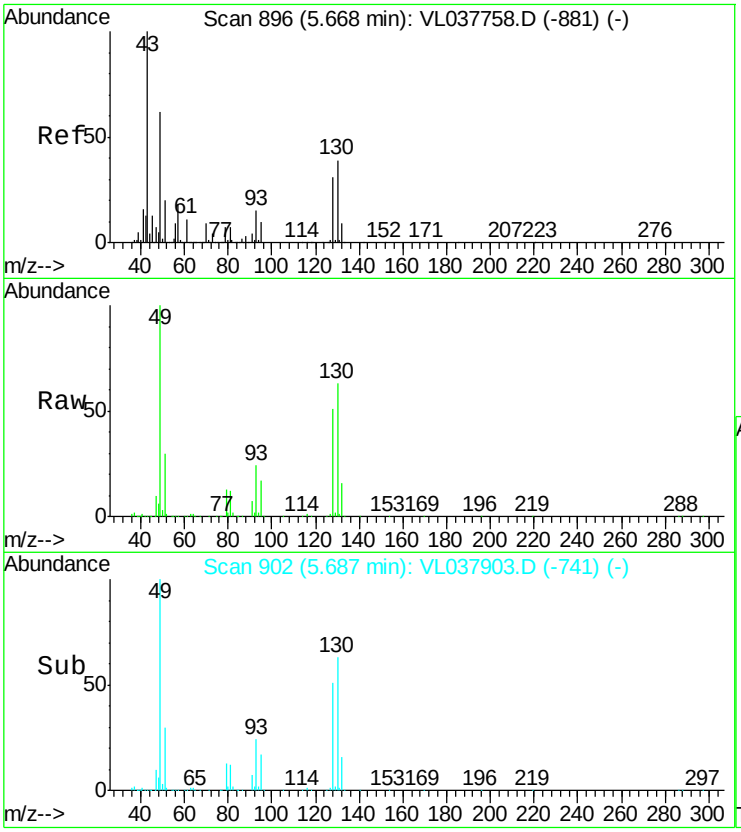
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037903.D
Acq On : 25 Oct 2021 21:09
Operator : SY/AP
Sample : M4068-15 0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Quant Time: Oct 25 23:53:26 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



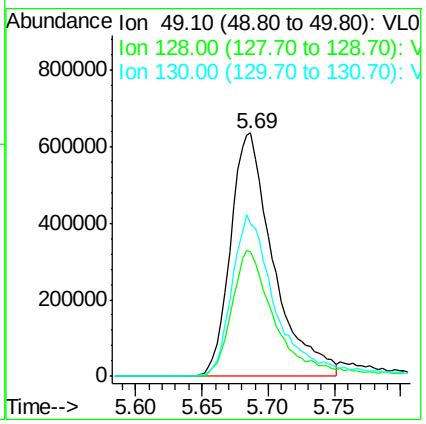


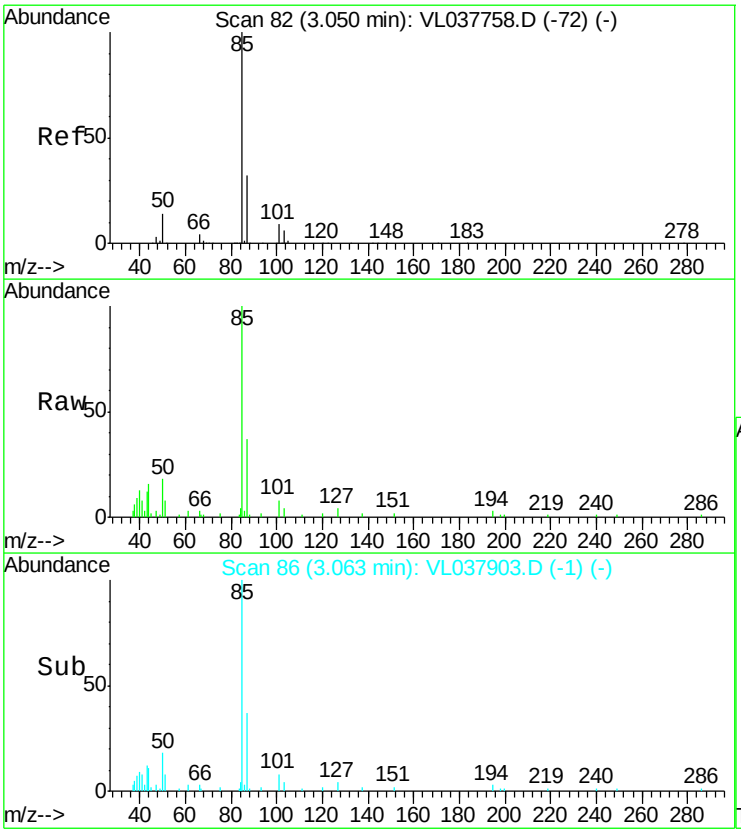
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 49 Resp: 1430350

Ion	Ratio	Lower	Upper
49	100		
128	54.4	27.1	81.3
130	69.0	33.2	99.6

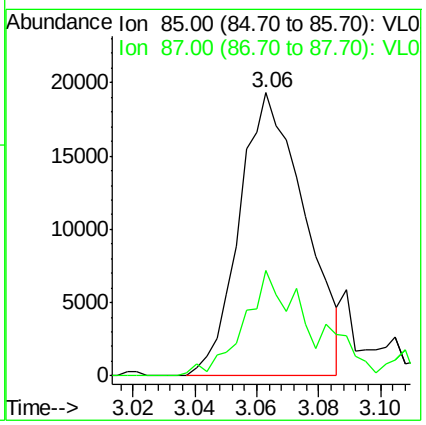


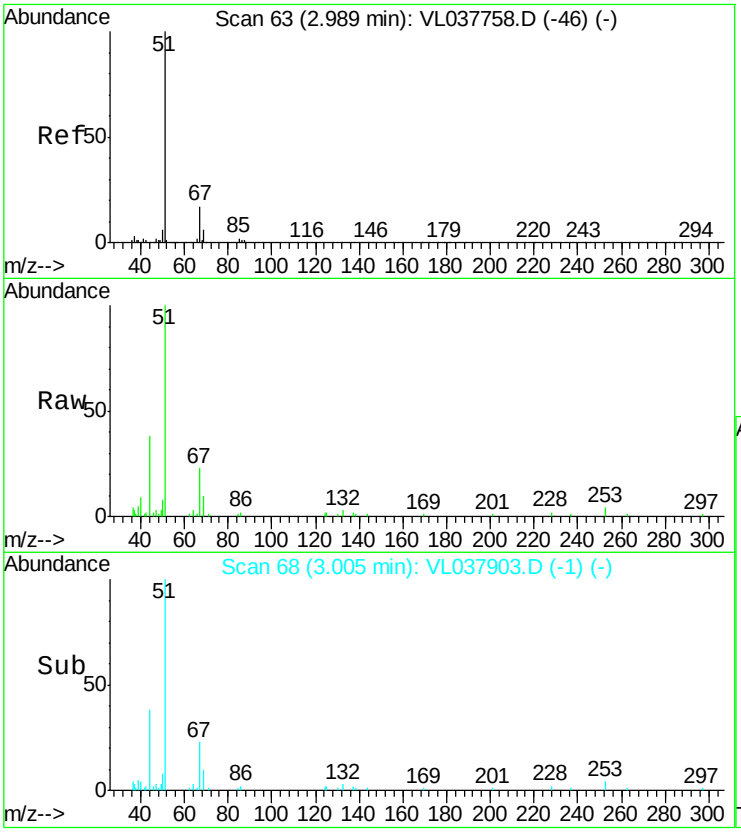


#2
Dichlorodifluoromethane
Concen: 0.124 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.01 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 85 Resp: 28378

Ion	Ratio	Lower	Upper
85	100		
87	36.4	25.7	38.5



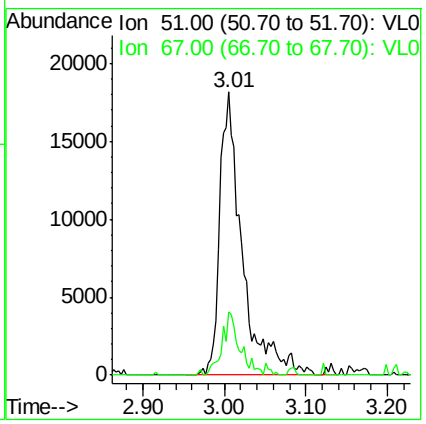


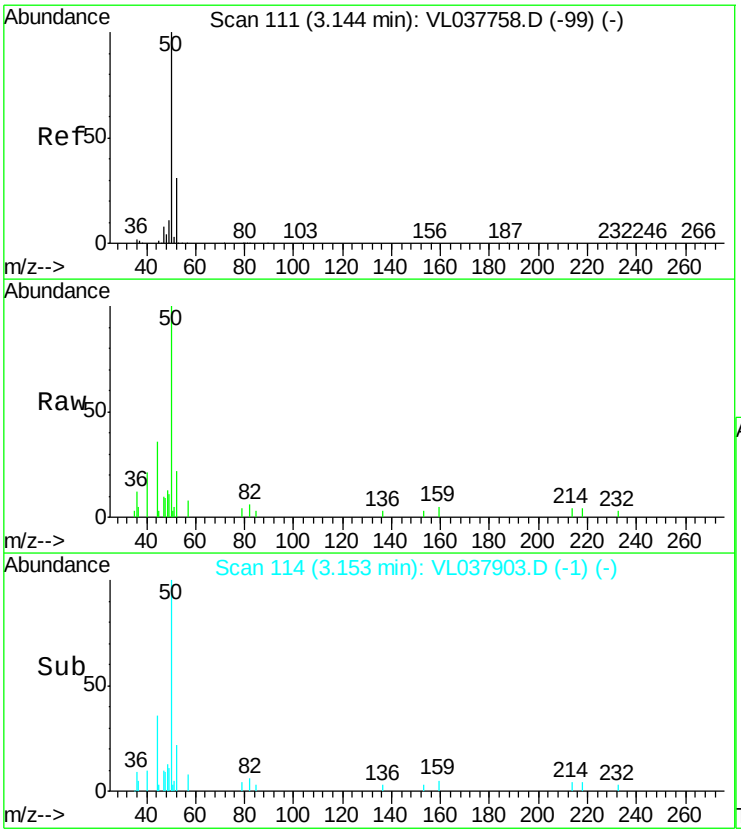
#3
Chlorodifluoromethane
Concen: 0.130 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 51 Resp: 35856

Ion	Ratio	Lower	Upper
51	100		
67	18.1	13.5	20.3

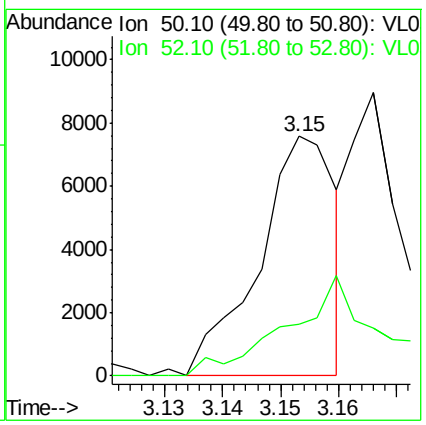


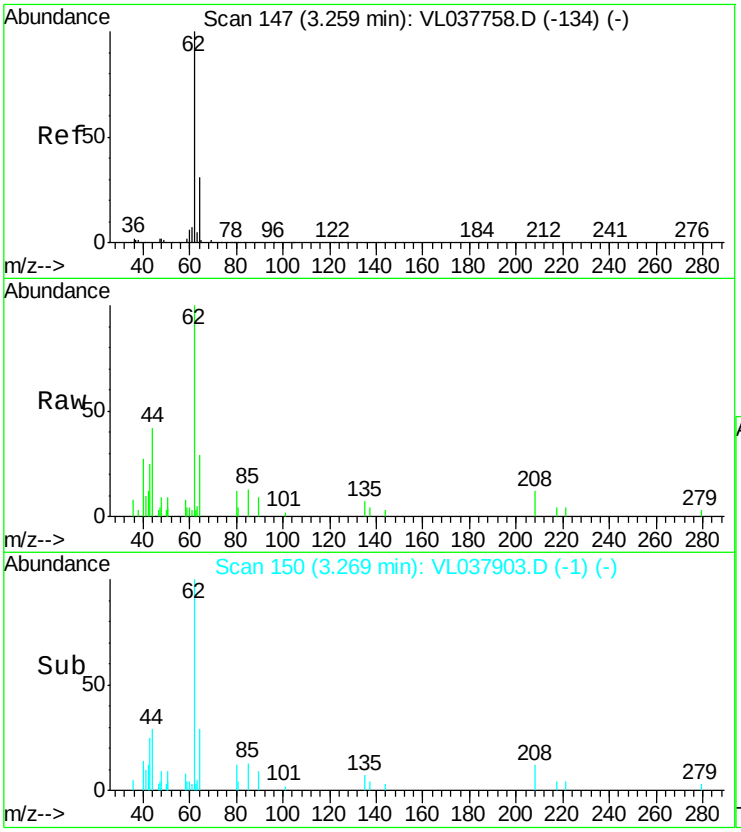


#4
Chloromethane
Concen: 0.069 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 50 Resp: 6938

Ion	Ratio	Lower	Upper
50	100		
52	21.7	24.4	36.6#



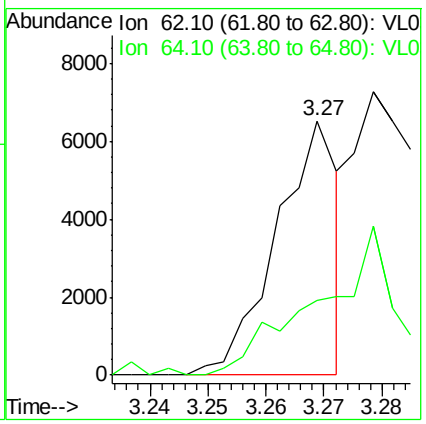


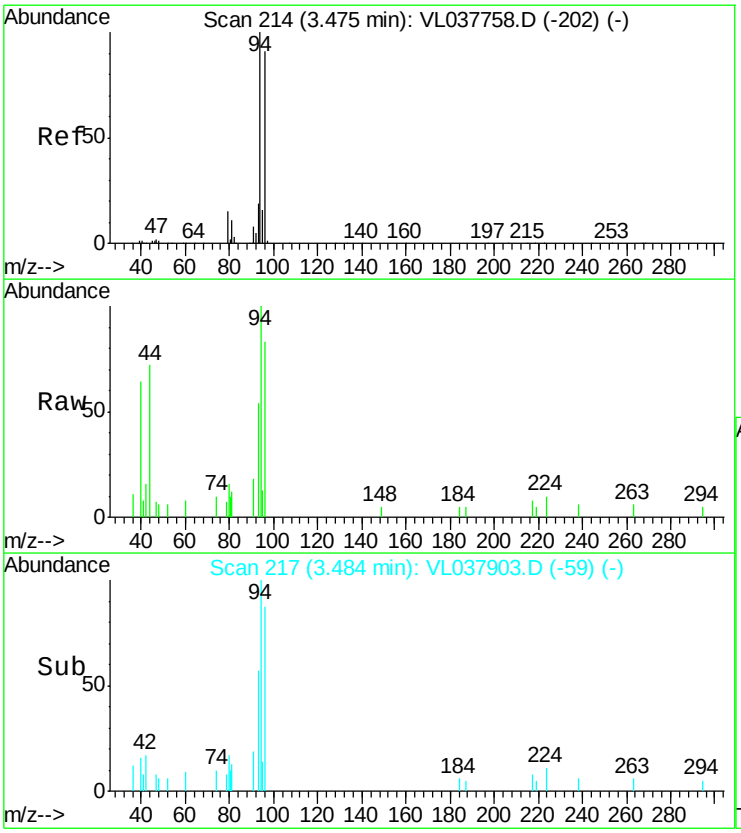
#5
Vinyl Chloride
Concen: 0.052 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 62 Resp: 4817

Ion	Ratio	Lower	Upper
62	100		
64	28.3	24.9	37.3

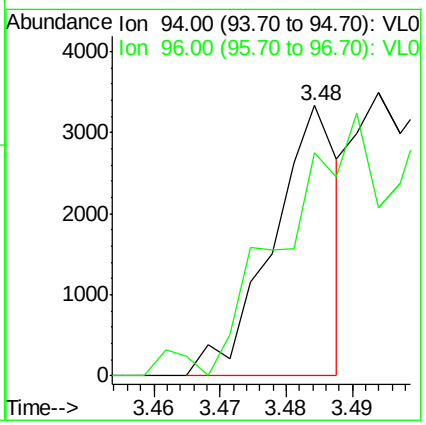


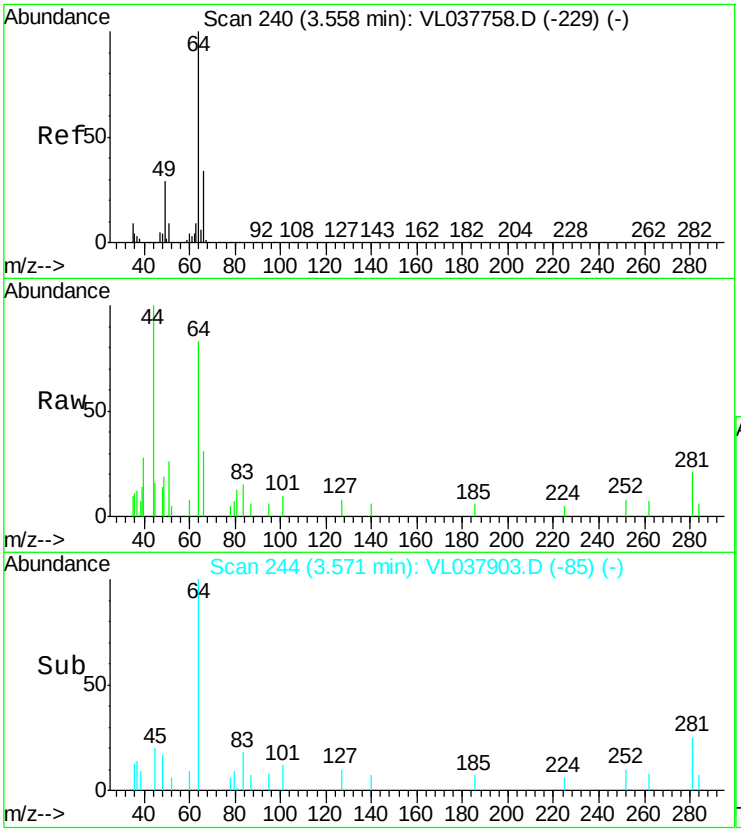


#6
Bromomethane
Concen: 0.046 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.01 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 94 Resp: 2293

Ion	Ratio	Lower	Upper
94	100		
96	75.2	72.5	108.7



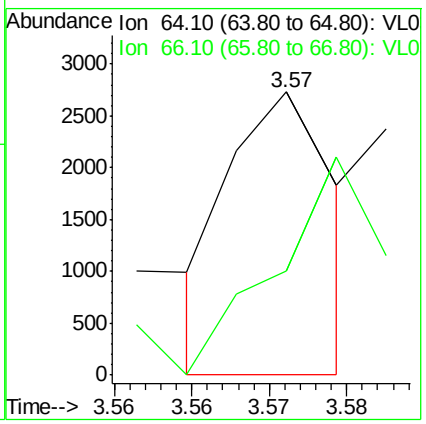


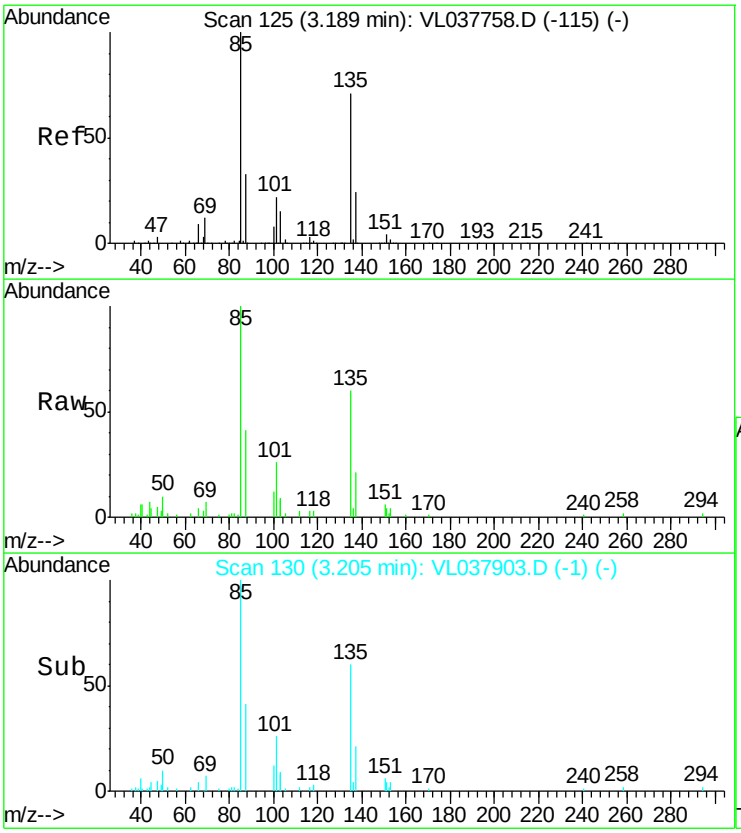
#7
Chloroethane
Concen: 0.038 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 64 Resp: 1295

Ion	Ratio	Lower	Upper
64	100		
66	36.9	27.5	41.3

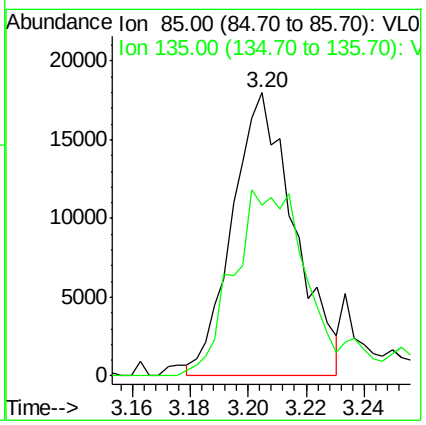


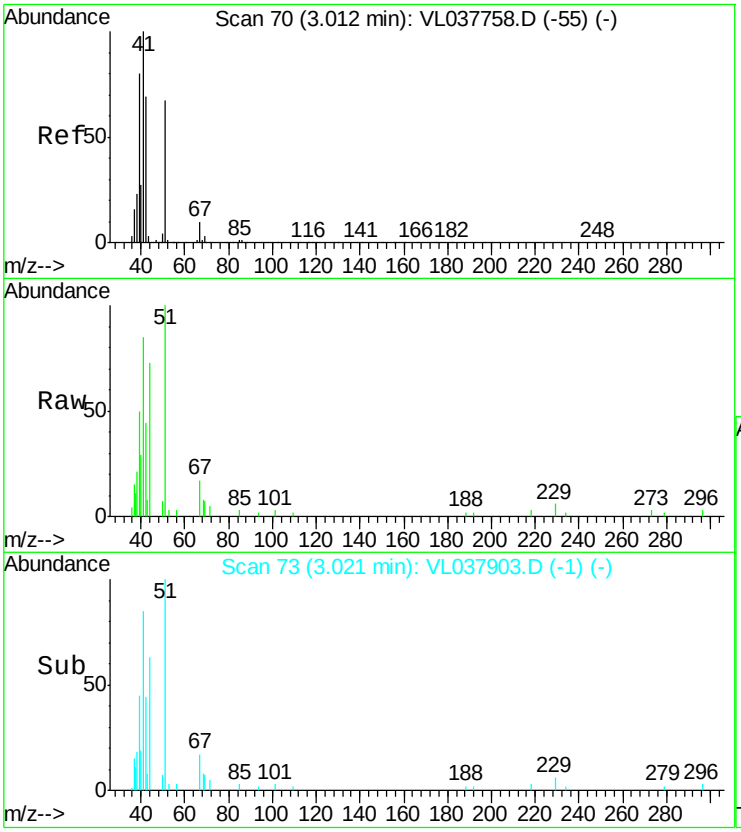


#8
Dichlorotetrafluoroethane
Concen: 0.118 ppbv
RT: 3.20 min Scan# 130
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 85 Resp: 26650

Ion	Ratio	Lower	Upper
85	100		
135	89.6	59.5	89.3#



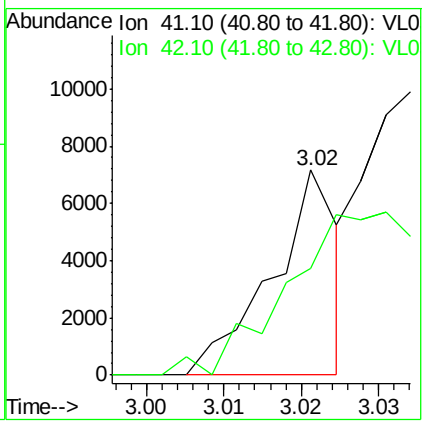


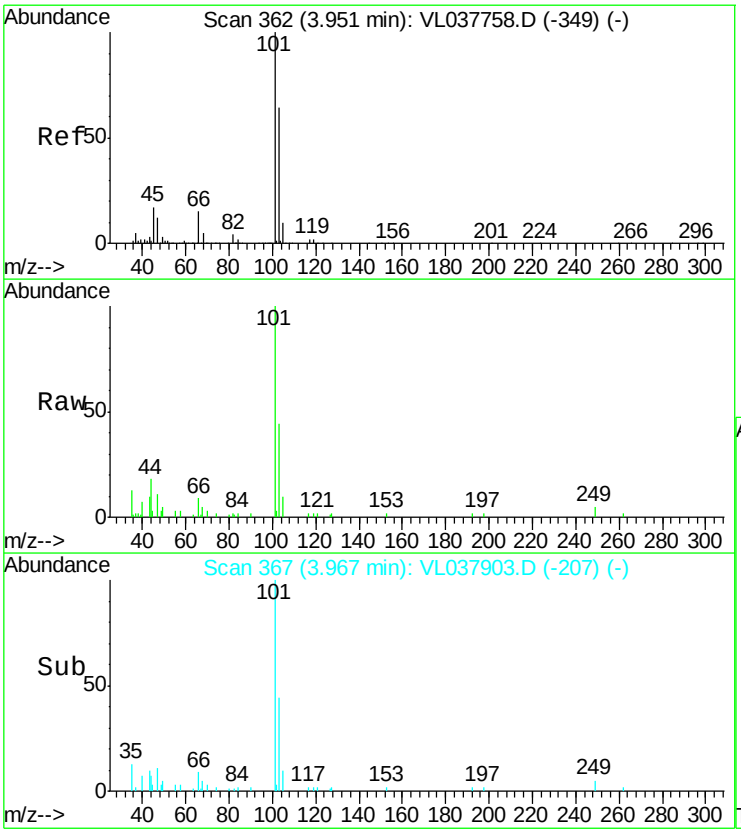
#9
Propene
Concen: 0.042 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 41 Resp: 4242

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#

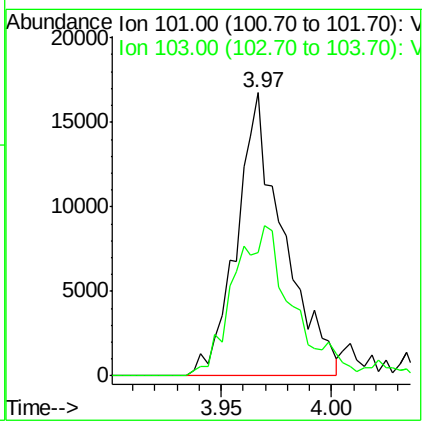


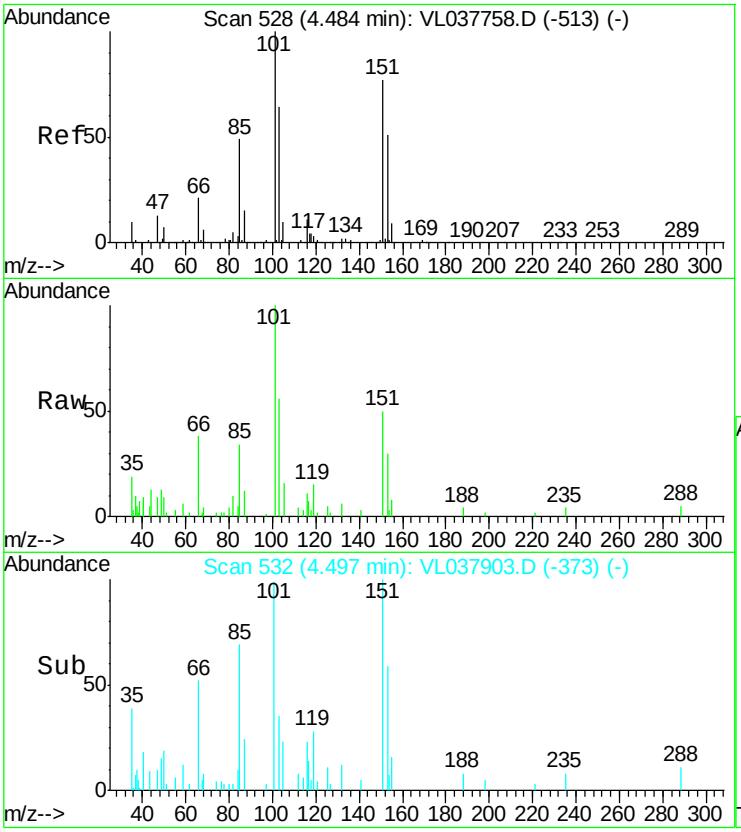


#11
Trichlorofluoromethane
Concen: 0.121 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:101 Resp: 24661

Ion	Ratio	Lower	Upper
101	100		
103	43.8	51.5	77.3#



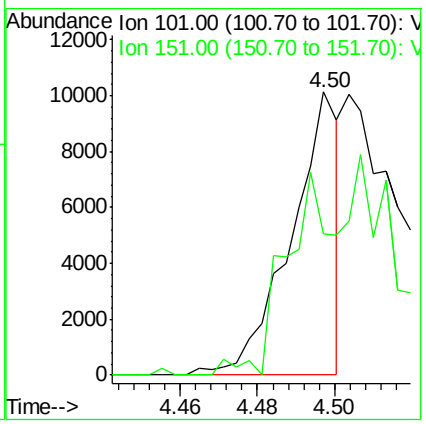


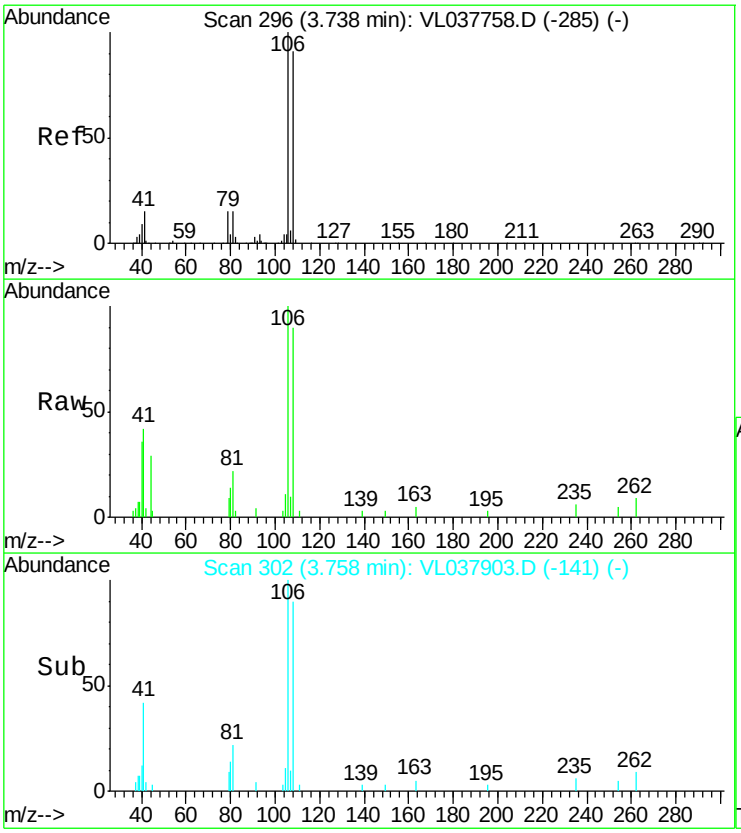
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.056 ppbv
RT: 4.50
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:101 Resp: 8640

Ion	Ratio	Lower	Upper
101	100		
151	0.0	62.9	94.3#

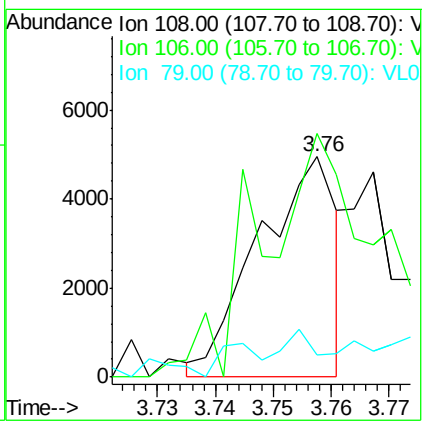


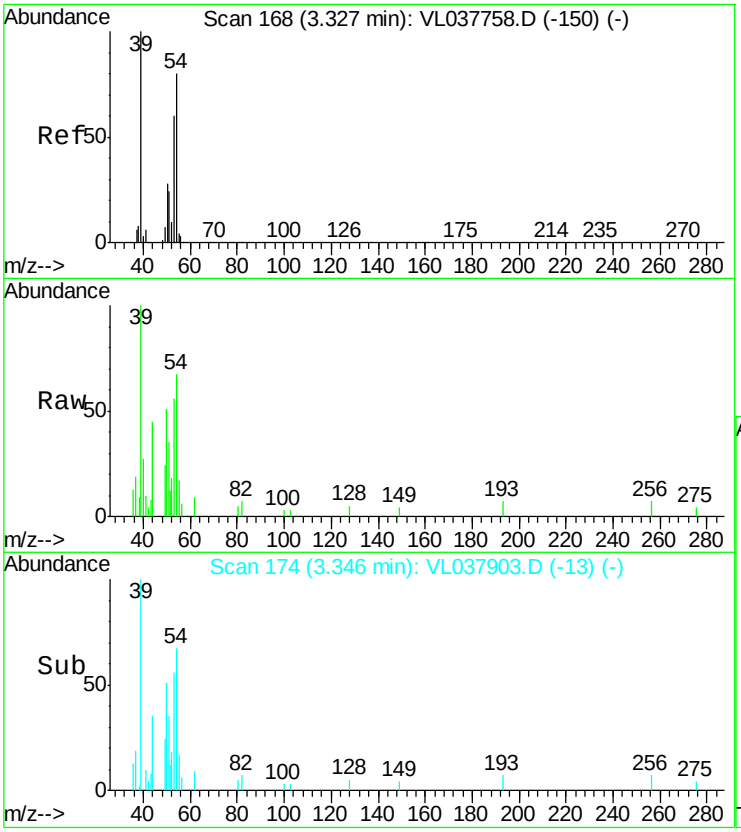


#14
Bromoethene
Concen: 0.068 ppbv
RT: 3.76 min Scan# 302
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:108 Resp: 4598

Ion	Ratio	Lower	Upper
108	100		
106	209.9	91.9	137.9#
79	52.3	13.9	20.9#



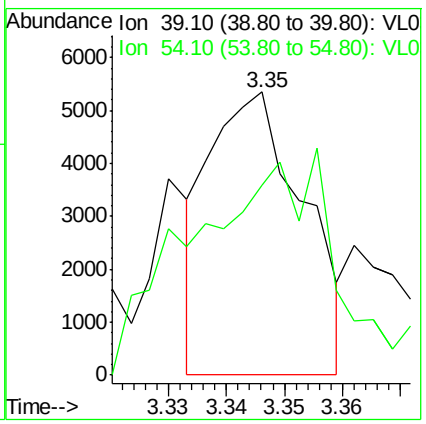


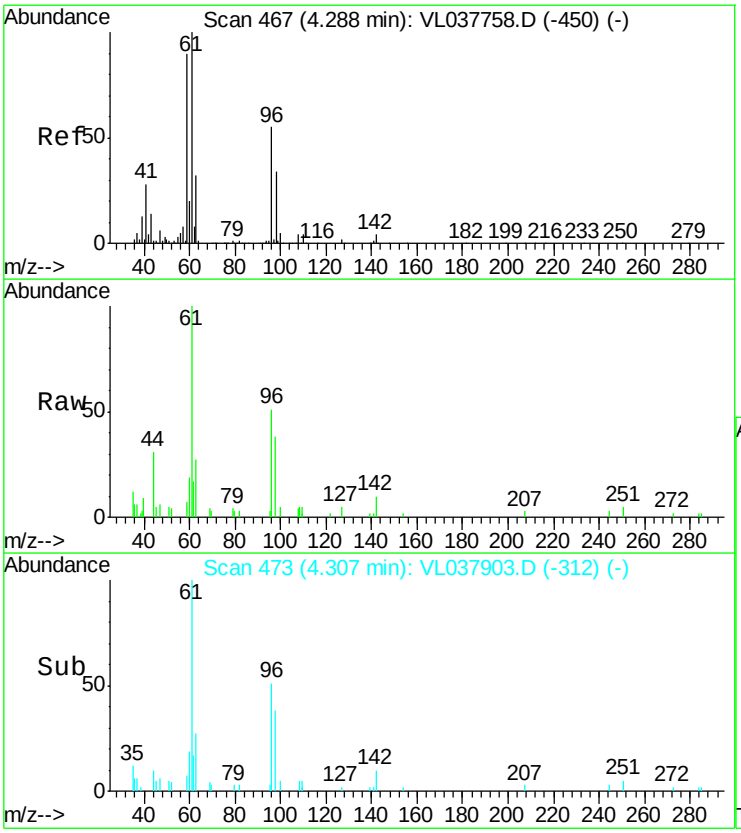
#16
1,3-Butadiene
Concen: 0.064 ppbv
RT: 3.35
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 39 Resp: 6022

Ion	Ratio	Lower	Upper
39	100		
54	0.0	61.7	92.5#

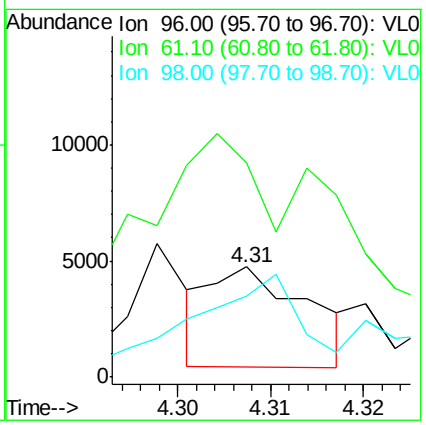


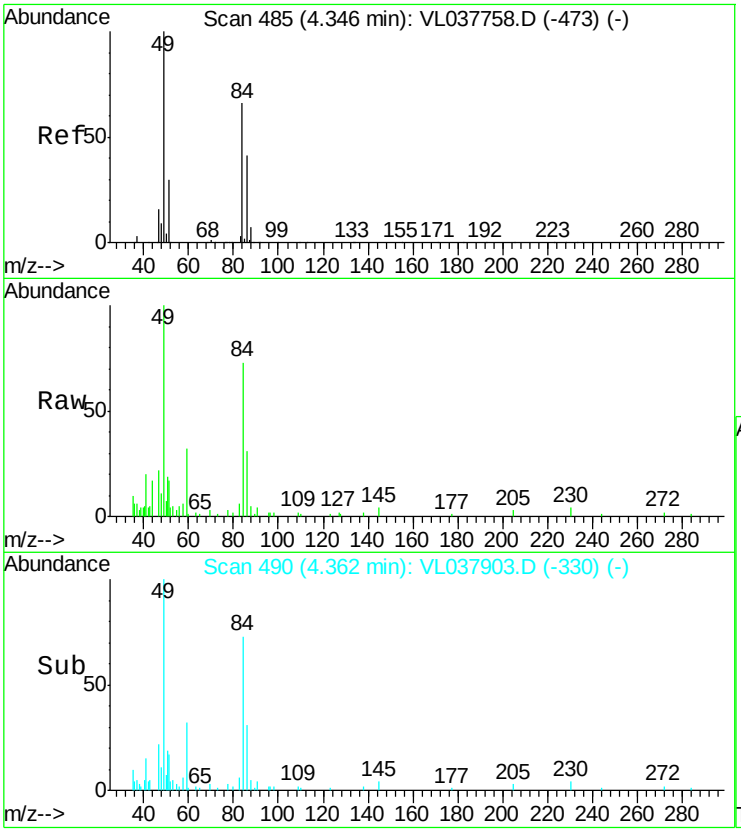


#18
1,1-Dichloroethene
Concen: 0.045 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 96 Resp: 3140

Ion	Ratio	Lower	Upper
96	100		
61	71.4	146.2	219.4#
98	123.6	50.0	75.0#



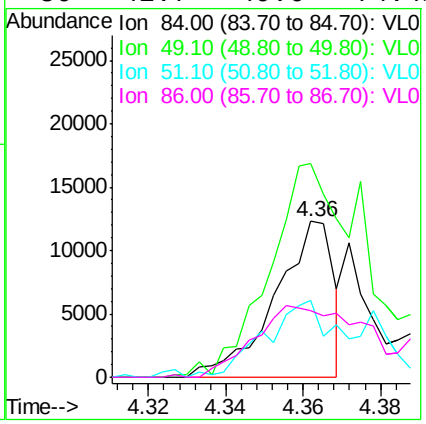


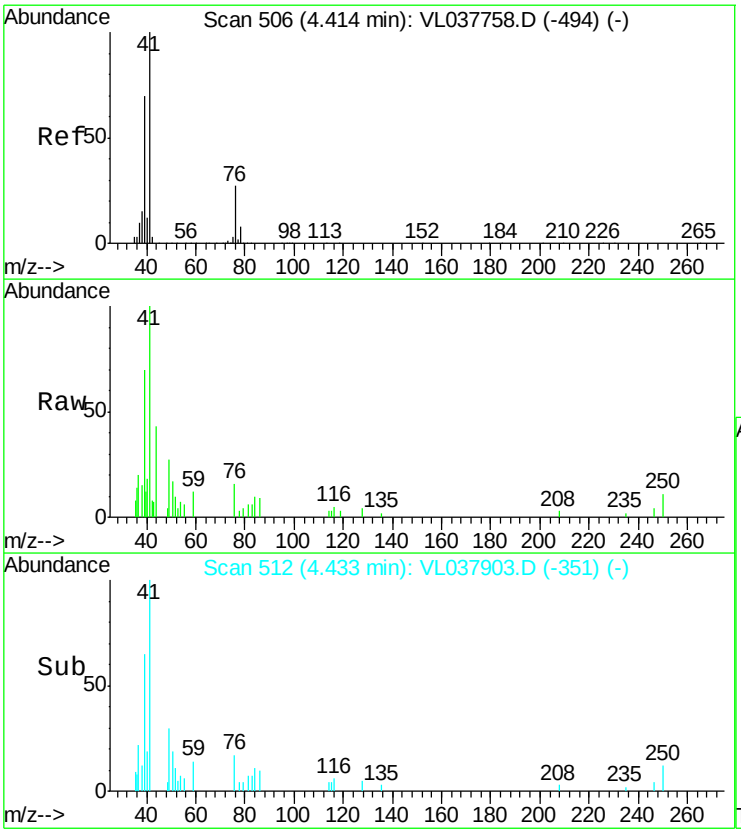
#20
Methylene Chloride
Concen: 0.199 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 84 Resp: 12884

Ion	Ratio	Lower	Upper
84	100		
49	135.5	120.7	181.1
51	49.1	36.2	54.4
86	42.7	49.6	74.4#

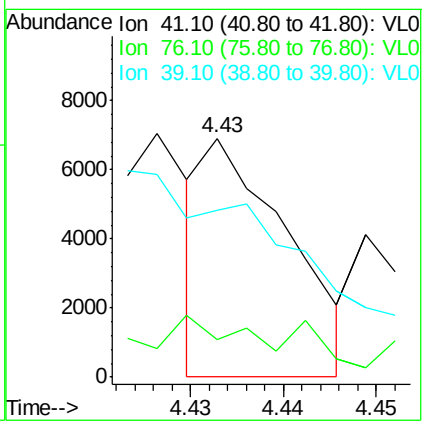


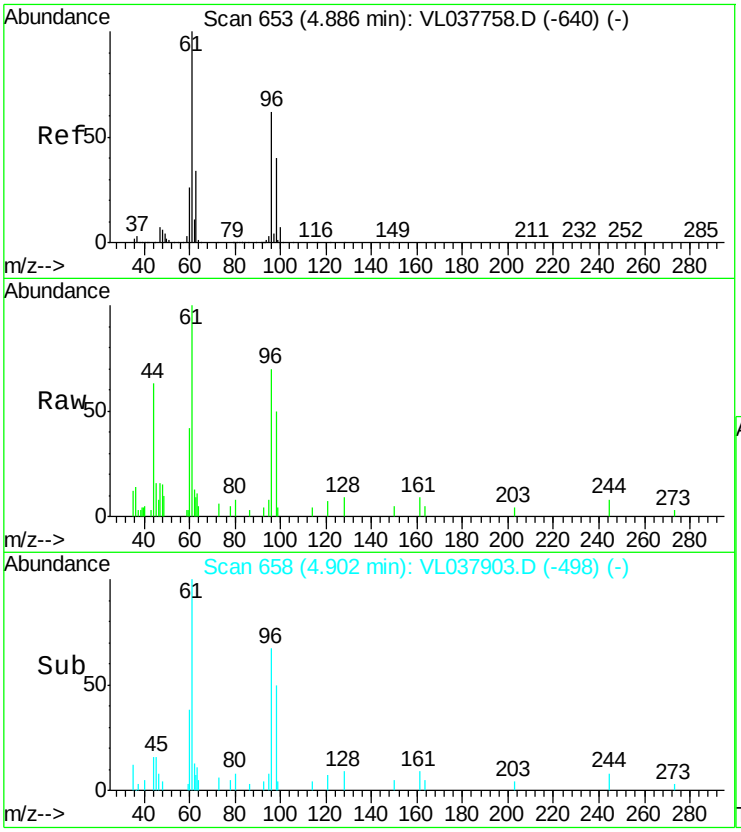


#21
Allyl Chloride
Concen: 0.038 ppbv
RT: 4.43 min Scan# 512
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 41 Resp: 4374

Ion	Ratio	Lower	Upper
41	100		
76	59.7	22.4	33.6#
39	0.0	58.0	87.0#



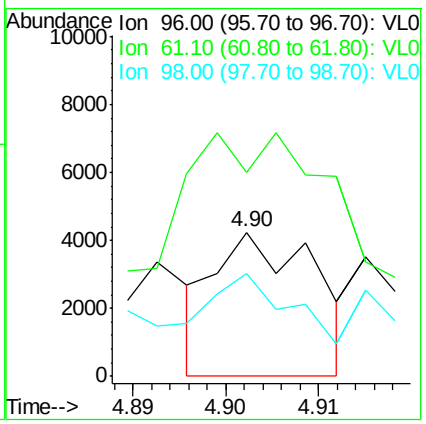


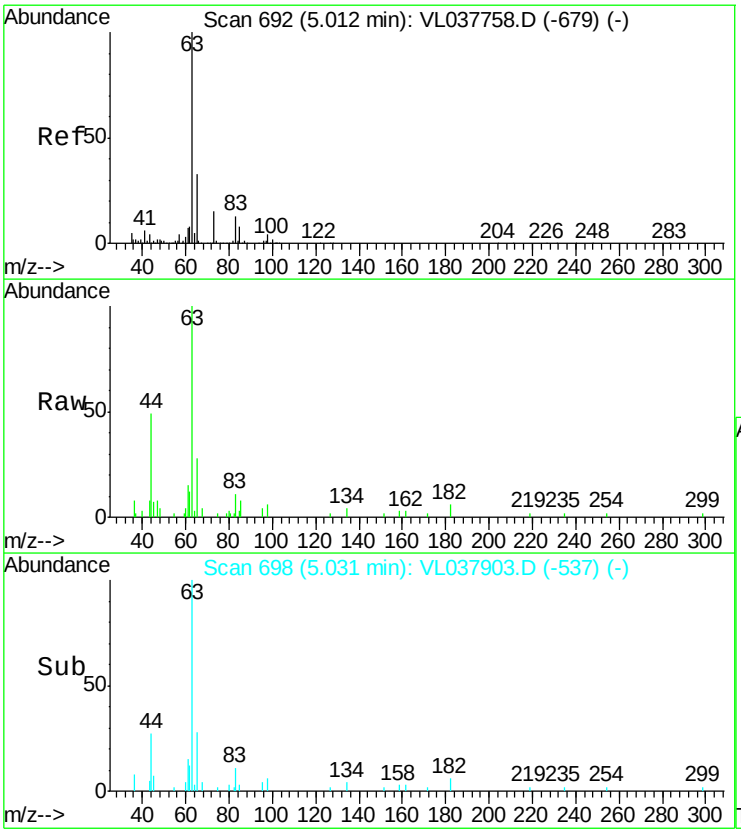
#22
trans-1,2-Dichloroethene
Concen: 0.045 ppbv
RT: 4.90
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 96 Resp: 3159

Ion	Ratio	Lower	Upper
96	100		
61	8.3	129.0	193.6#
98	134.3	51.7	77.5#

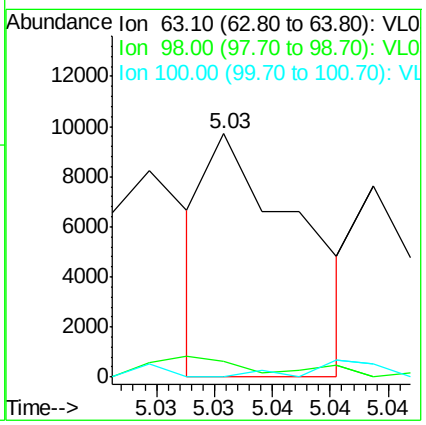


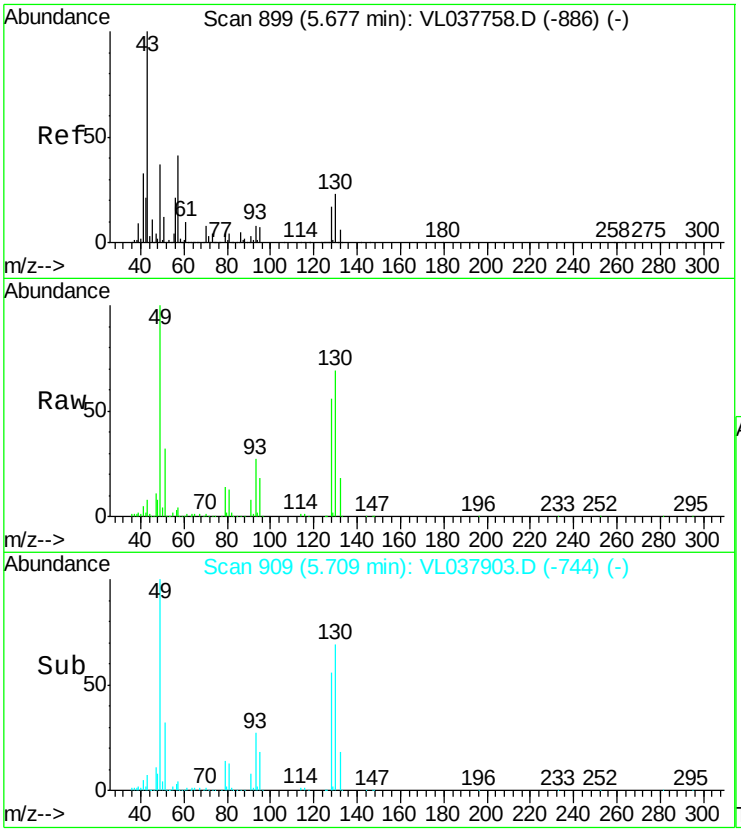


#24
1,1-Dichloroethane
Concen: 0.038 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 63 Resp: 5359

Ion	Ratio	Lower	Upper
63	100		
98	2.7	2.3	6.9
100	0.0	1.1	3.1#



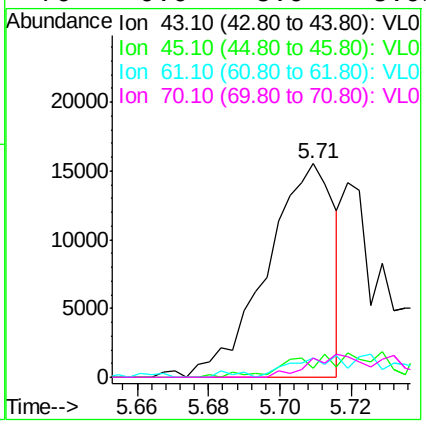


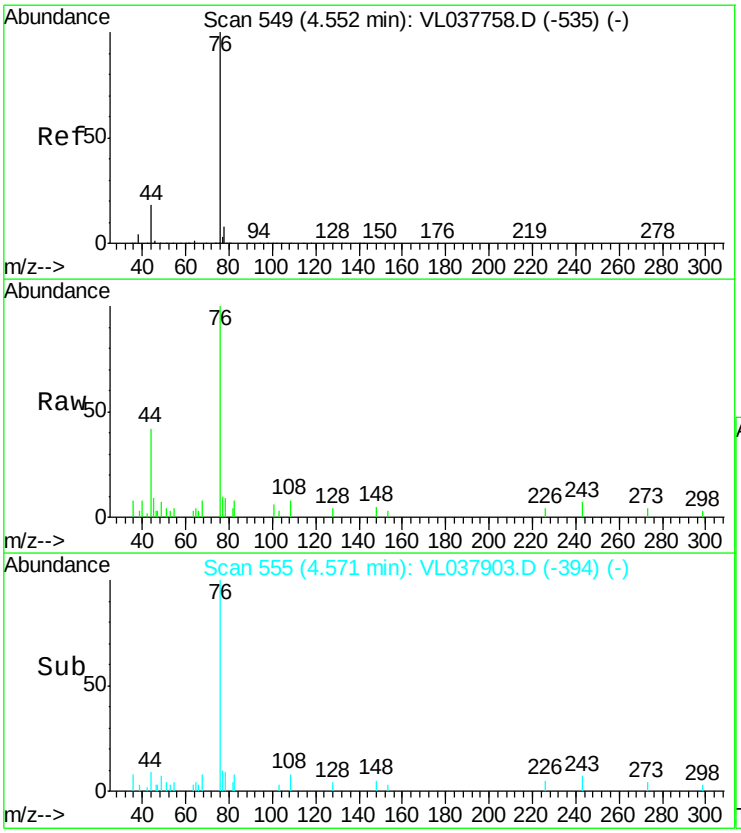
#25
Ethyl Acetate
Concen: 0.056 ppbv
RT: 5.71
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 43 Resp: 20251

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	0.0	7.5	11.3#
70	0.0	5.9	8.9#

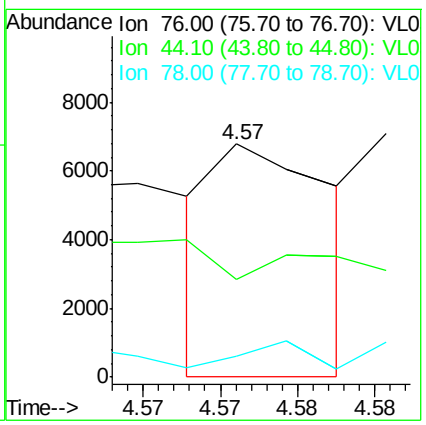


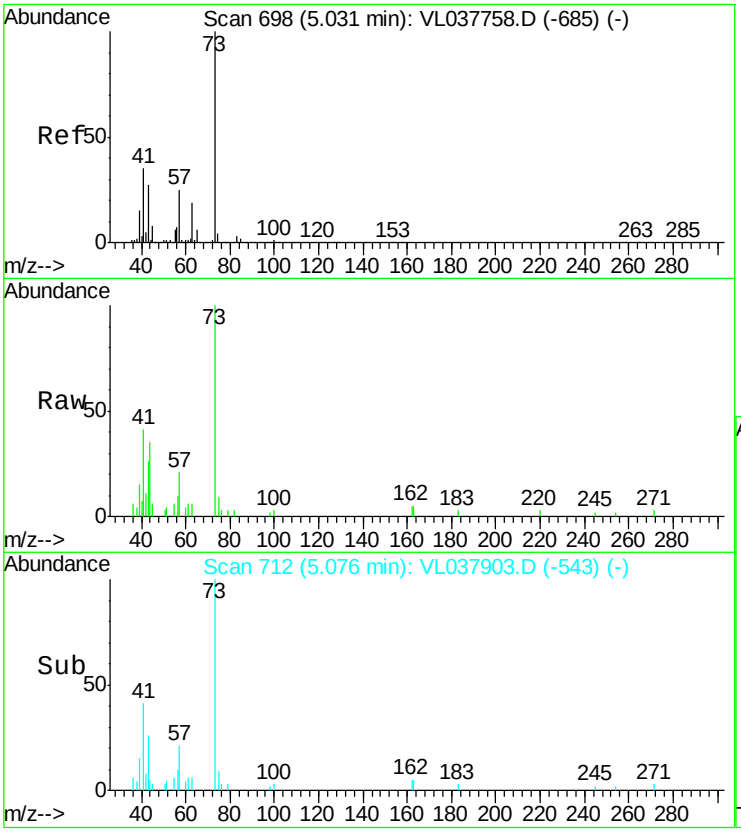


#27
Carbon Disulfide
Concen: 0.023 ppbv
RT: 4.57 min Scan# 555
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 76 Resp: 3547

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.3	21.5#
78	0.0	7.8	11.6#



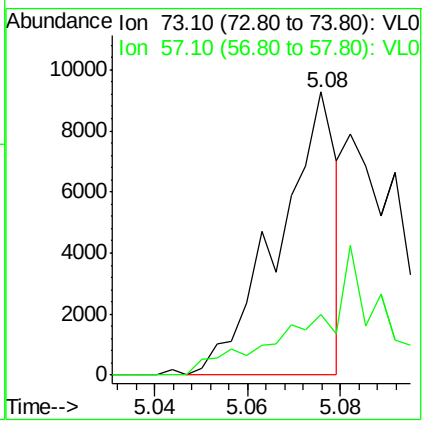


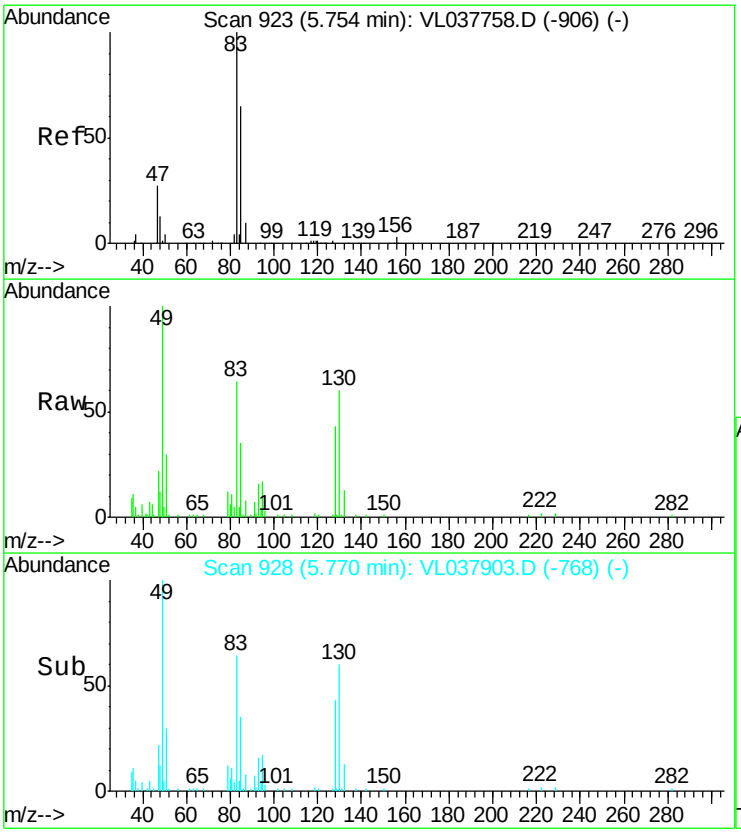
#28
Methyl tert-Butyl Ether
Concen: 0.055 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 73 Resp: 8063

Ion	Ratio	Lower	Upper
73	100		
57	0.0	20.4	30.6#

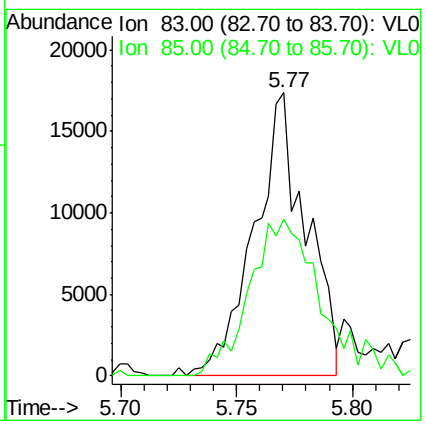


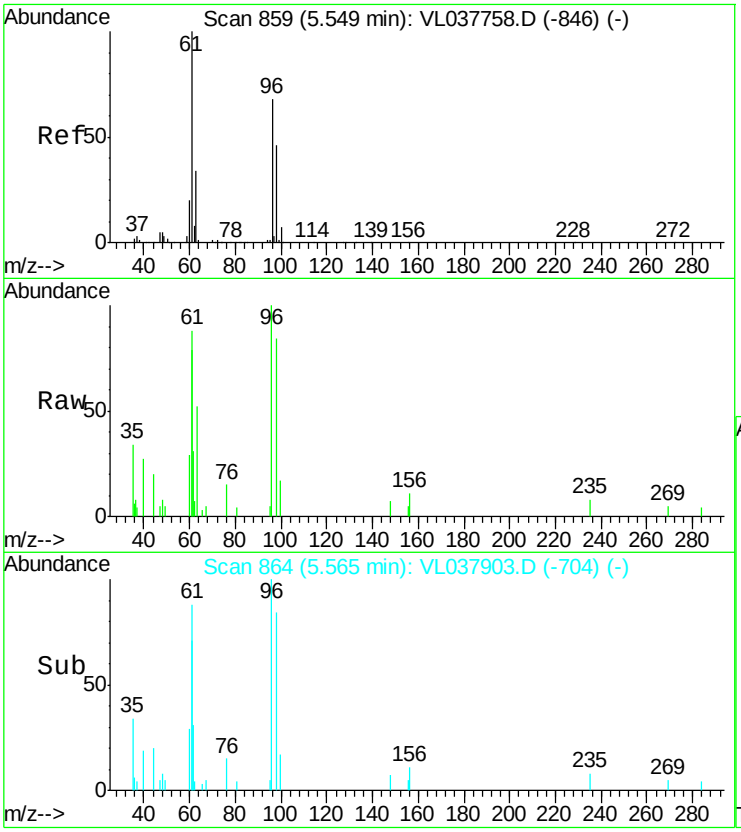


#29
Chloroform
Concen: 0.106 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 83 Resp: 26846

Ion	Ratio	Lower	Upper
83	100		
85	55.3	51.8	77.8



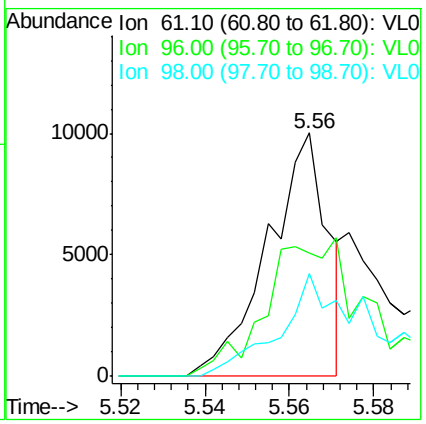


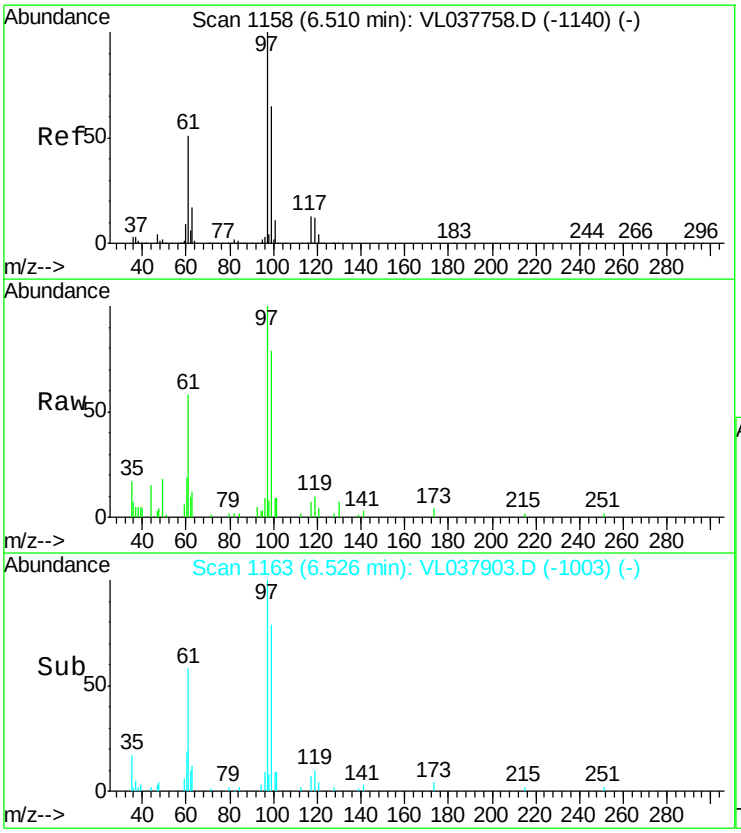
#31
cis-1,2-Dichloroethene
Concen: 0.061 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 61 Resp: 9864

Ion	Ratio	Lower	Upper
61	100		
96	50.4	54.2	81.2#
98	42.1	36.6	54.8

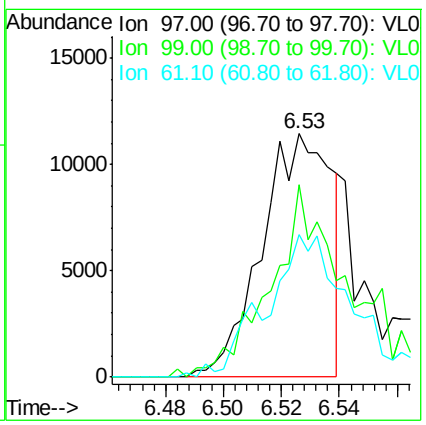


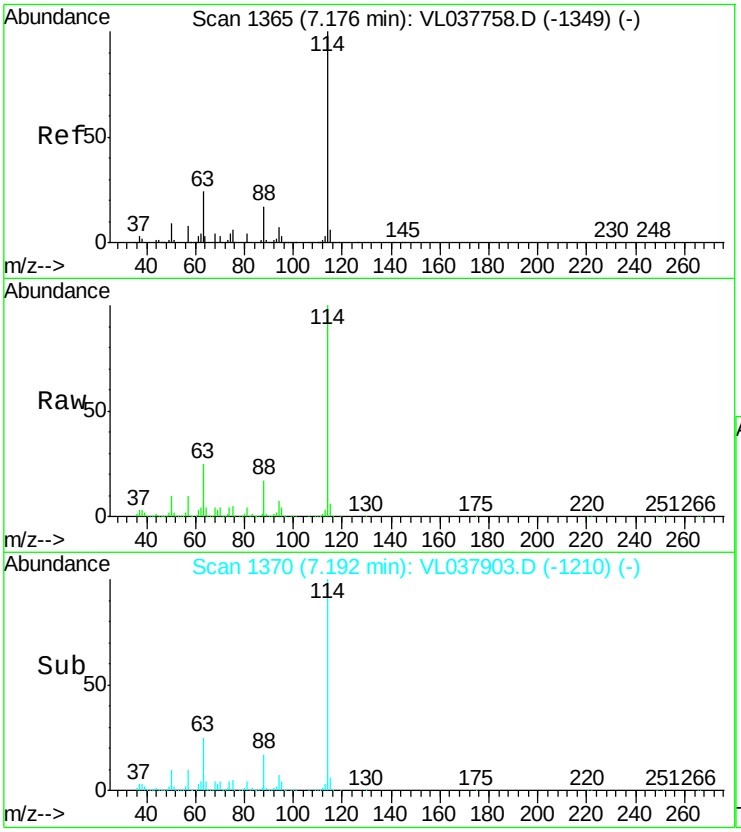


#32
1,1,1-Trichloroethane
Concen: 0.079 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 97 Resp: 19085

Ion	Ratio	Lower	Upper
97	100		
99	92.4	52.6	78.8#
61	74.6	40.2	60.4#



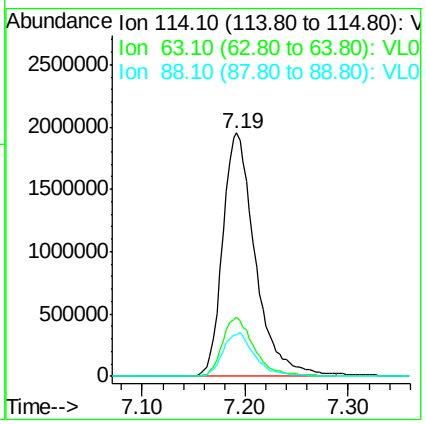


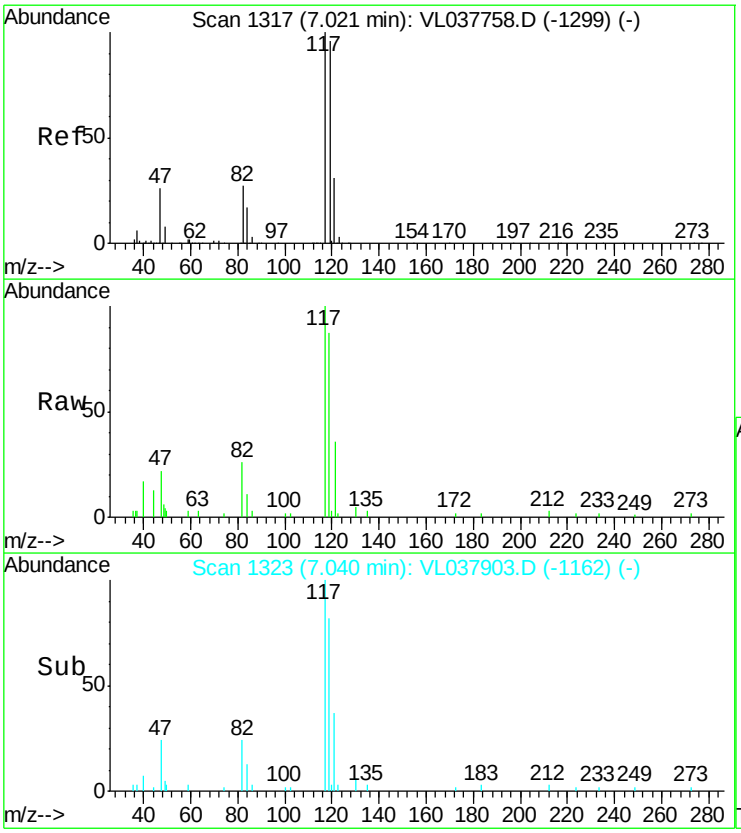
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:114 Resp: 4297847

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.2
88	17.9	14.4	21.6

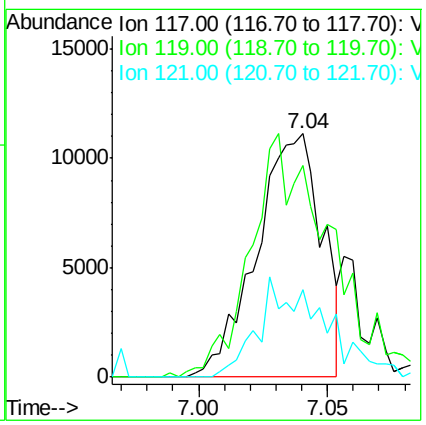


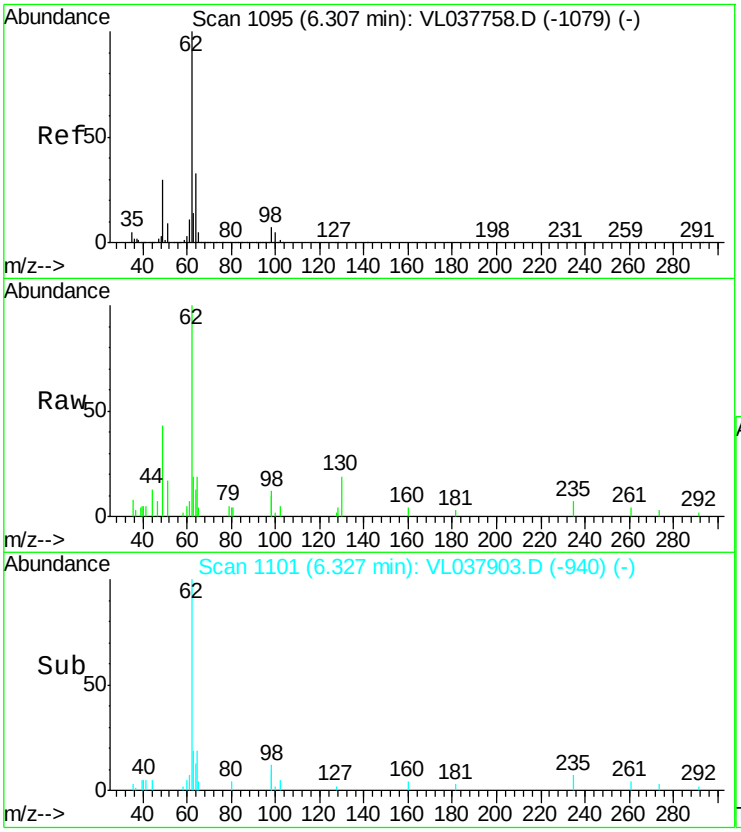


#35
Carbon Tetrachloride
Concen: 0.080 ppbv
RT: 7.04 min Scan# 1323
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:117 Resp: 19637

Ion	Ratio	Lower	Upper
117	100		
119	85.1	76.5	114.7
121	35.7	24.9	37.3



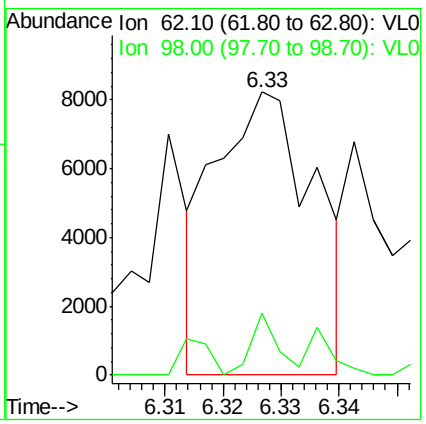


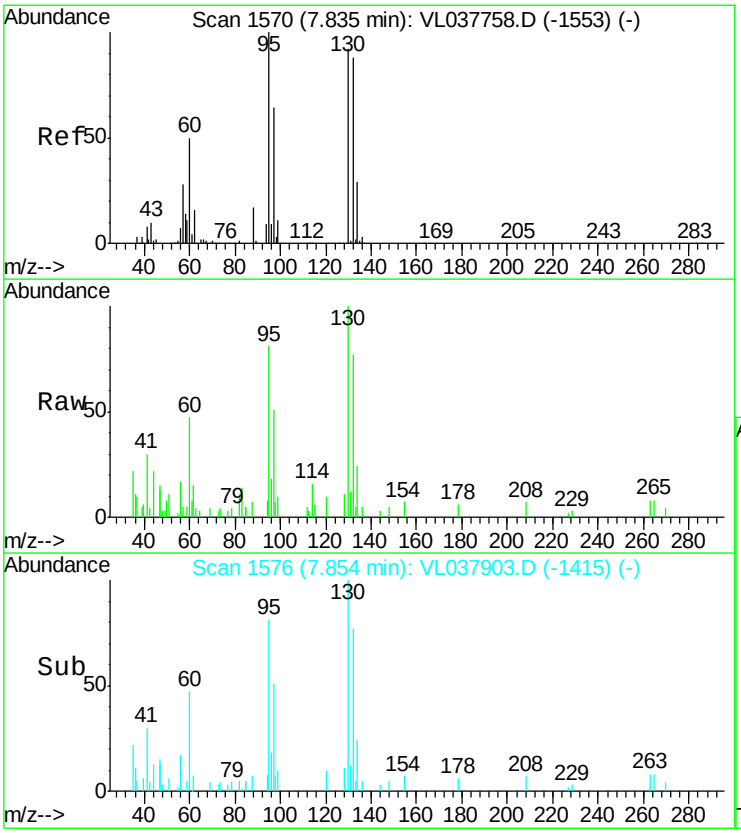
#37
1,2-Dichloroethane
Concen: 0.057 ppbv
RT: 6.33
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 62 Resp: 9841

Ion	Ratio	Lower	Upper
62	100		
98	13.8	6.1	9.1#

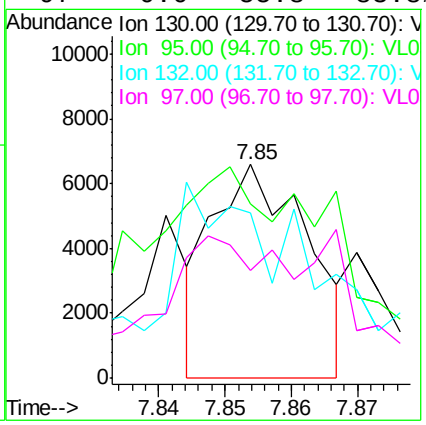


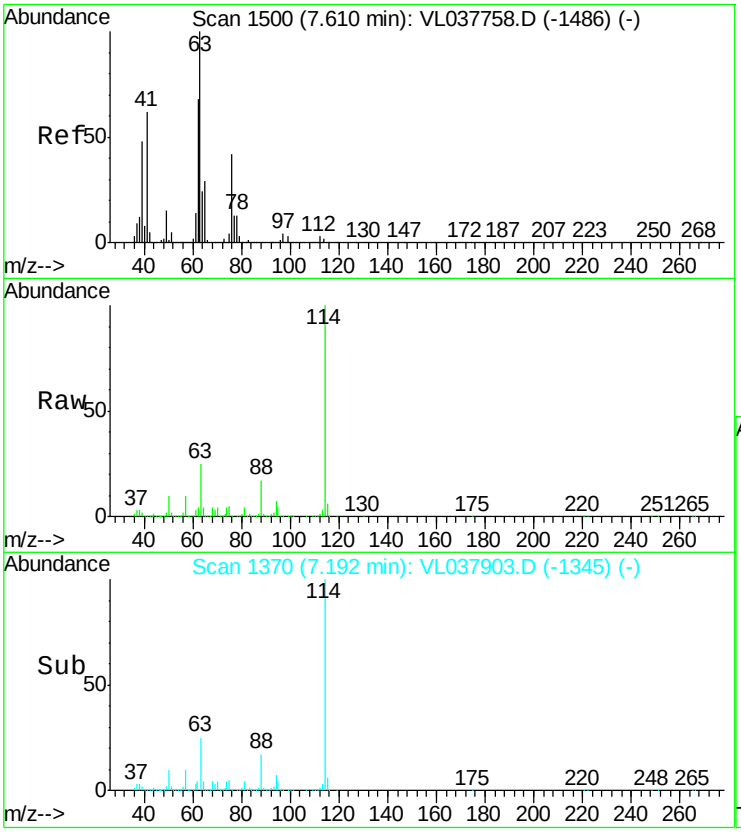


#38
Trichloroethene
Concen: 0.046 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:130 Resp: 6605

Ion	Ratio	Lower	Upper
130	100		
95	0.8	87.4	131.0#
132	51.0	76.8	115.2#
97	0.0	55.8	83.8#



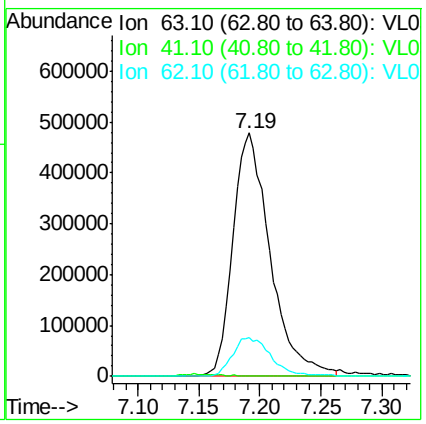


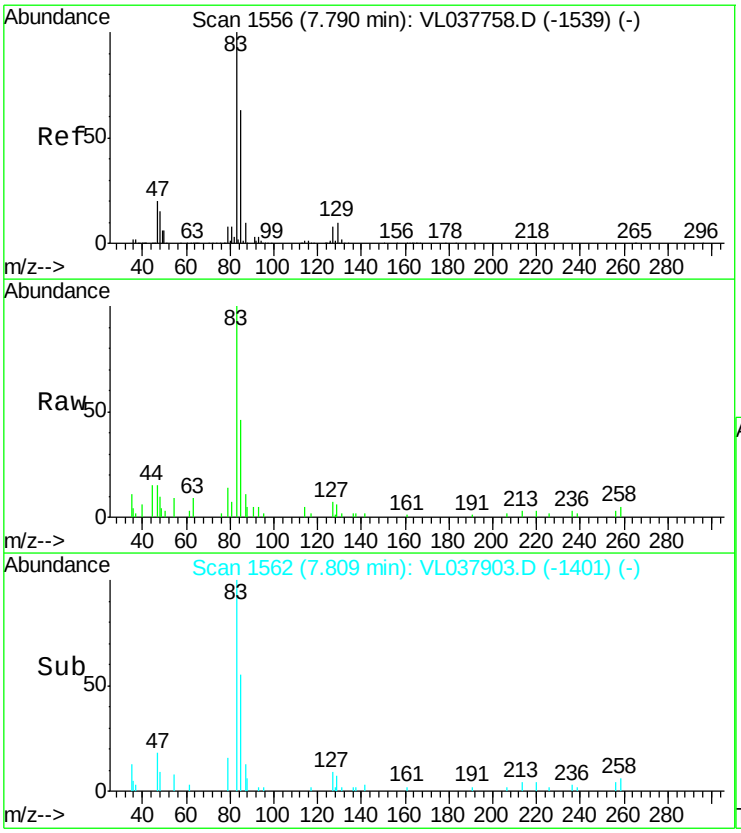
#39
1,2-Dichloropropane
Concen: 7.349 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 63 Resp: 1014779

Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	15.9	54.6	82.0#

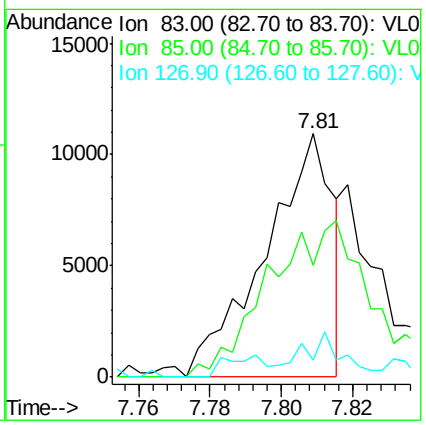


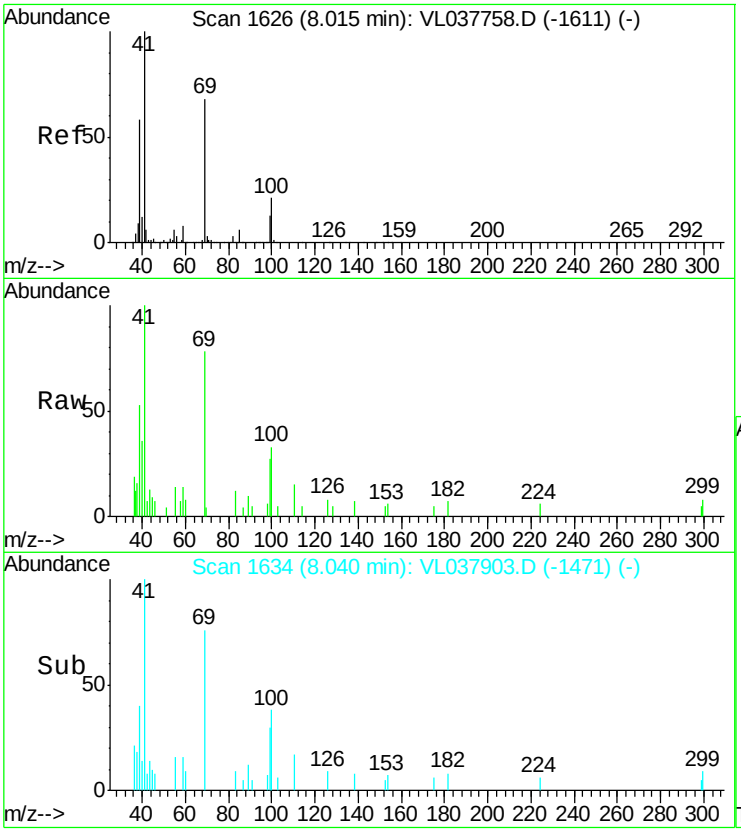


#42
Bromodichloromethane
Concen: 0.057 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 83 Resp: 14355

Ion	Ratio	Lower	Upper
83	100		
85	46.1	50.6	75.8#
127	7.2	6.2	9.4



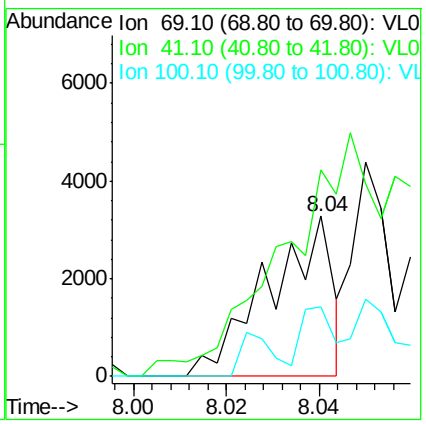


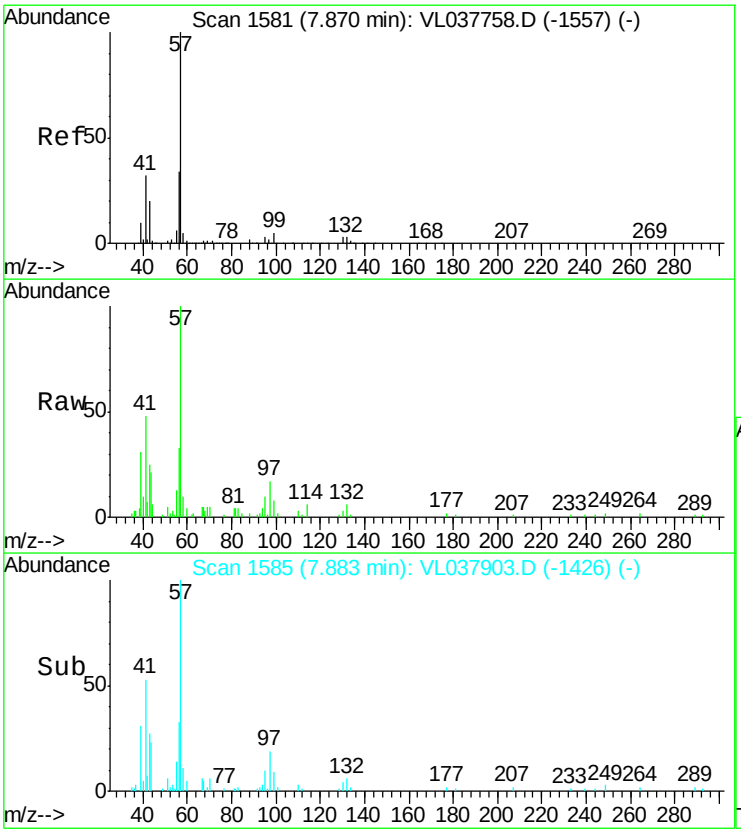
#43
Methyl Methacrylate
Concen: 0.026 ppbv
RT: 8.04
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 69 Resp: 3136

Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.0	181.4#
100	0.0	27.7	41.5#

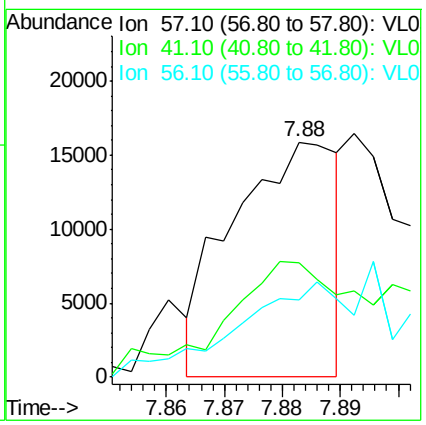


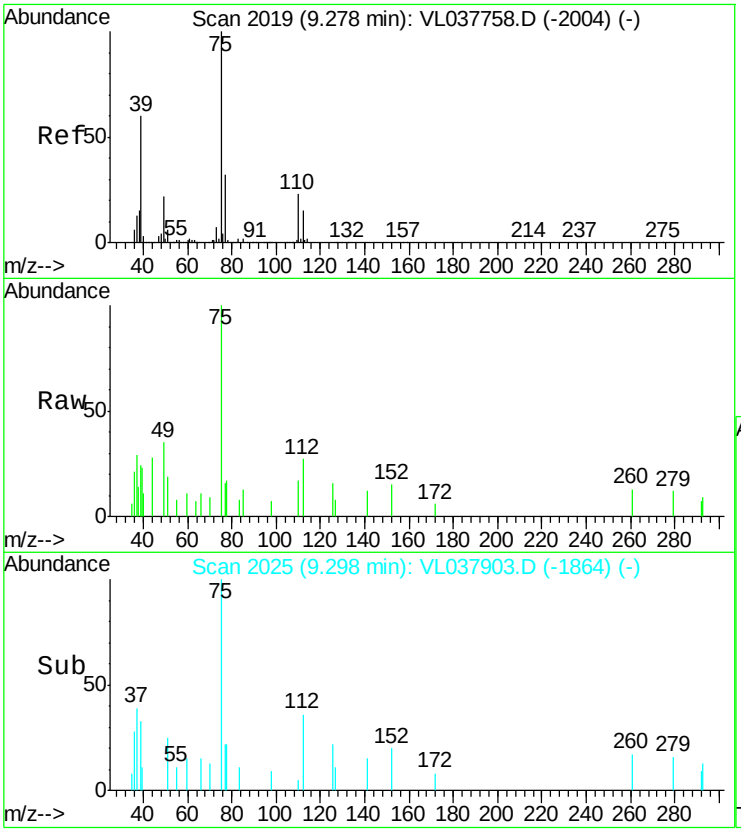


#44
2,2,4-Trimethylpentane
Concen: 0.032 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 57 Resp: 20025

Ion	Ratio	Lower	Upper
57	100		
41	99.3	25.6	38.4#
56	0.0	25.5	38.3#



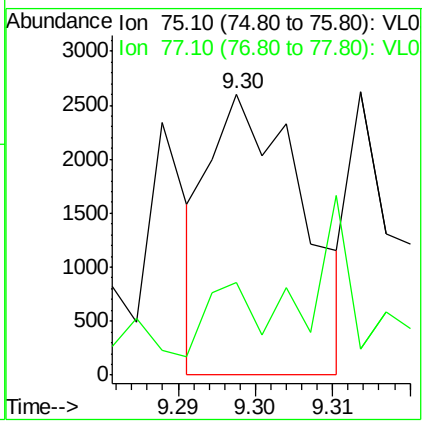


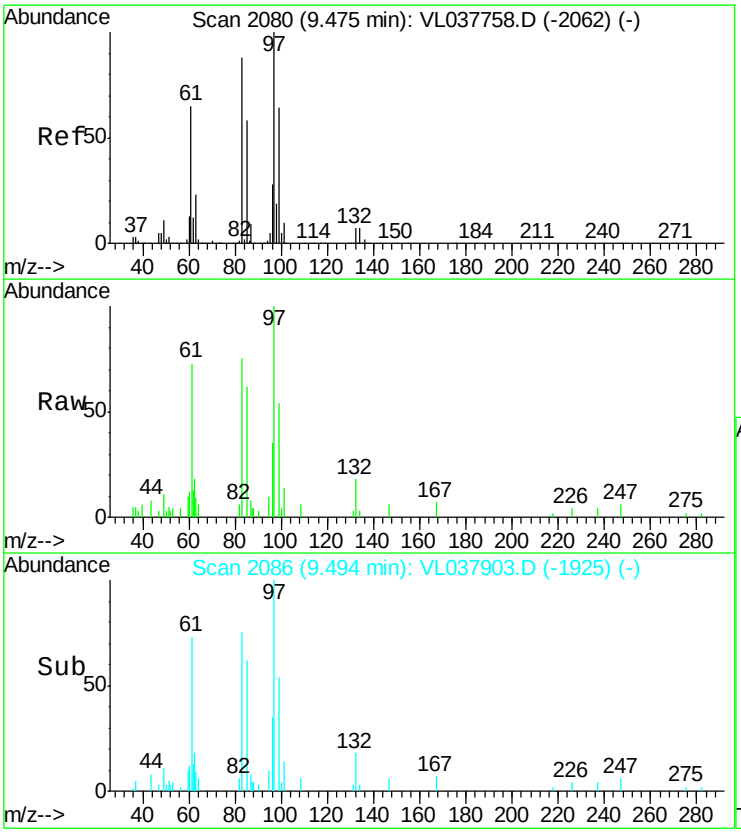
#45
t-1,3-Dichloropropene
Concen: 0.027 ppbv
RT: 9.30
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 75 Resp: 2188

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.2	37.8

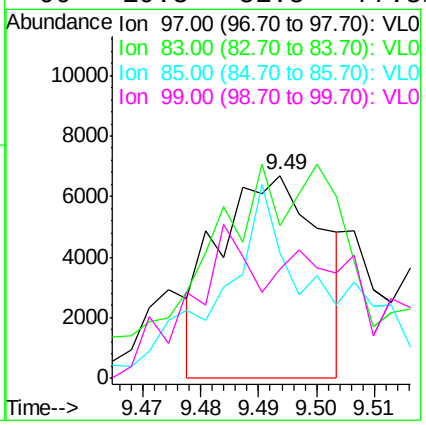


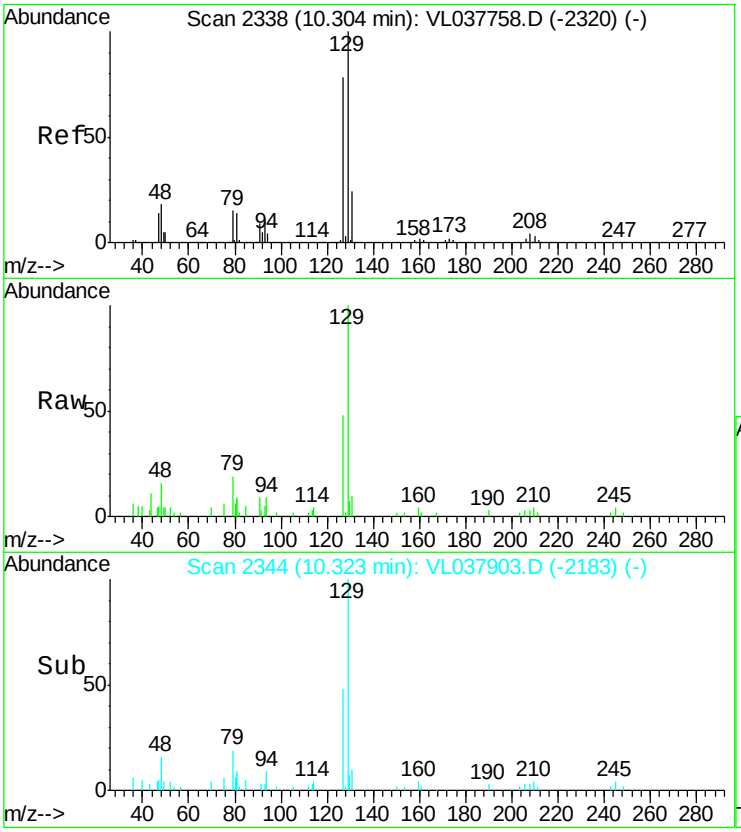


#47
1,1,2-Trichloroethane
Concen: 0.055 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 97 Resp: 8323

Ion	Ratio	Lower	Upper
97	100		
83	54.6	70.6	105.8#
85	46.3	45.9	68.9
99	19.3	51.5	77.3#



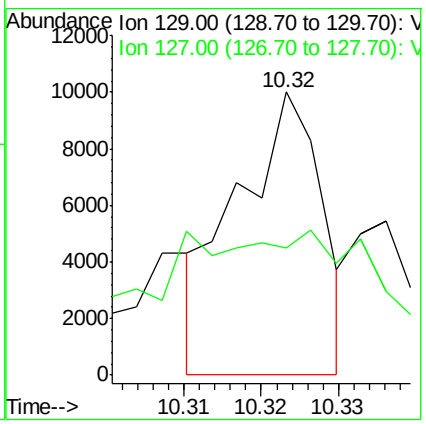


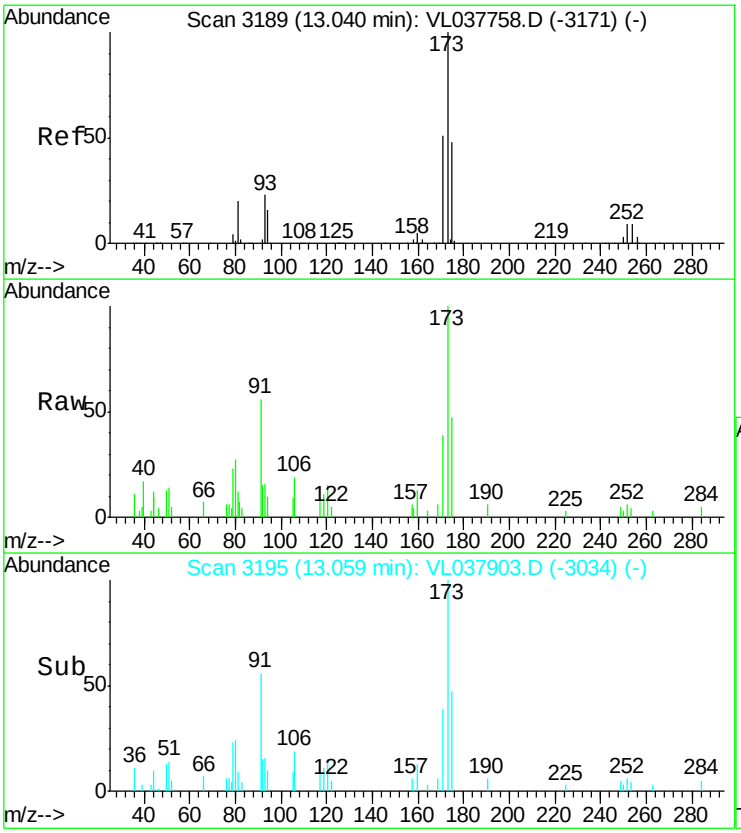
#48
Dibromochloromethane
Concen: 0.036 ppbv
RT: 10.32
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:129 Resp: 7683

Ion	Ratio	Lower	Upper
129	100		
127	168.1	39.5	118.5#

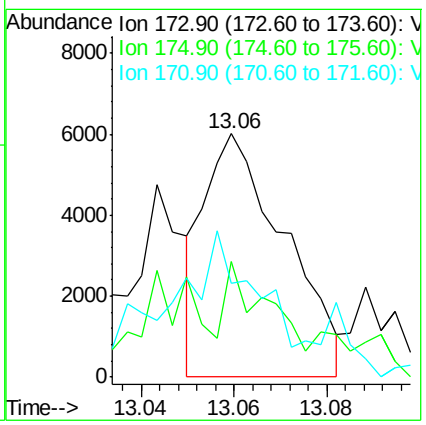


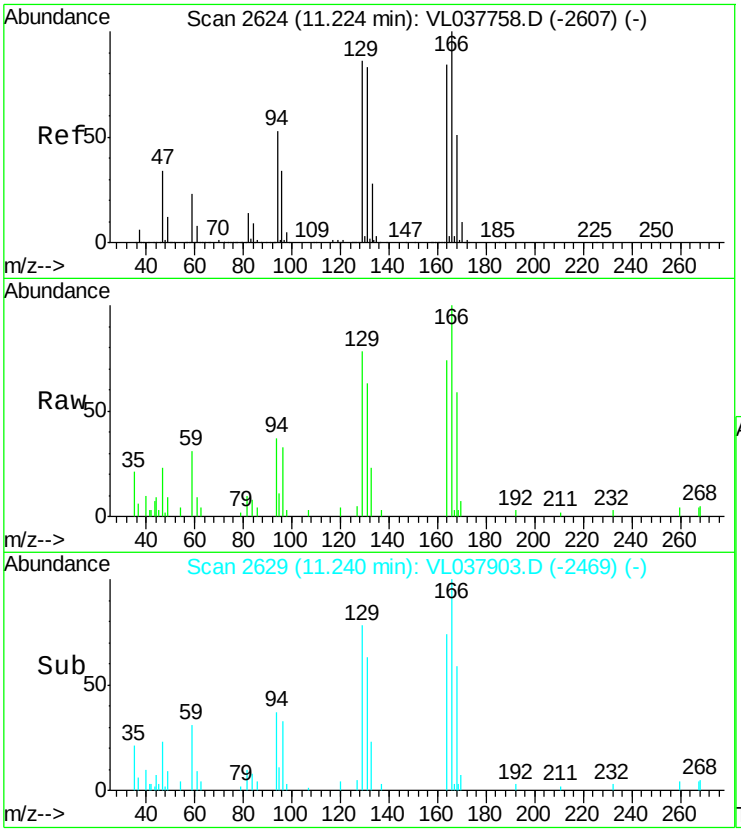


#49
Bromoform
Concen: 0.044 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:173 Resp: 7240

Ion	Ratio	Lower	Upper
173	100		
175	77.7	39.9	59.9#
171	88.5	43.4	65.2#



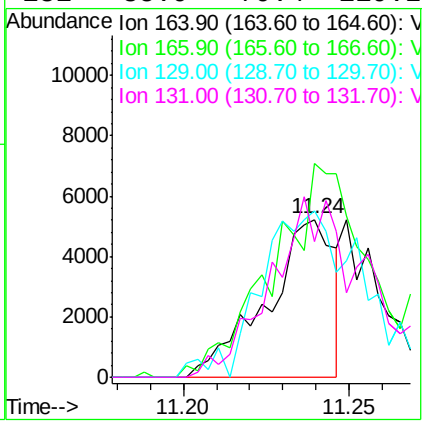


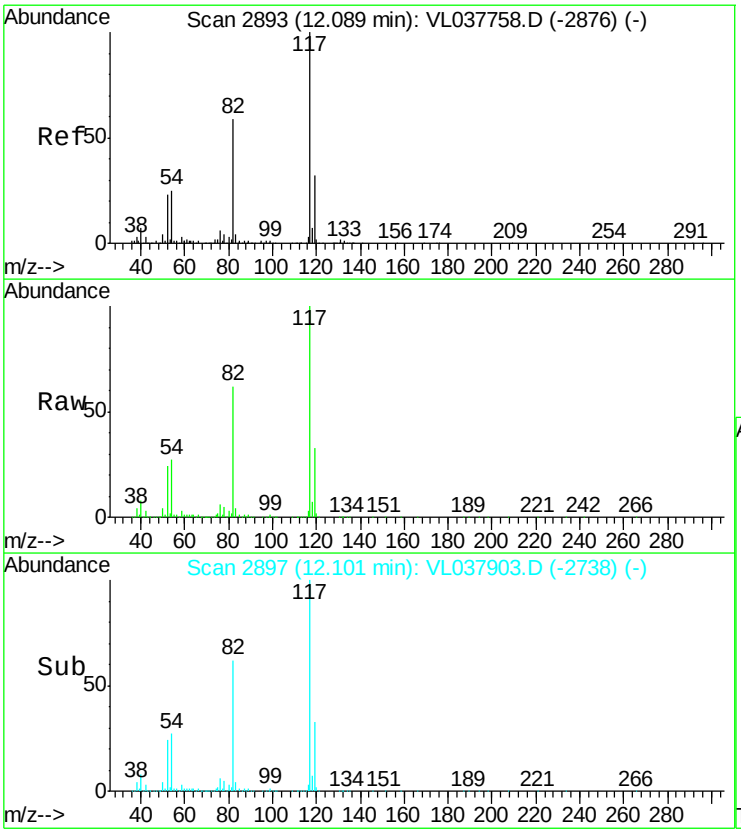
#52
Tetrachloroethene
Concen: 0.051 ppbv
RT: 11.24
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:164 Resp: 7331

Ion	Ratio	Lower	Upper
164	100		
166	128.5	95.4	143.2
129	97.1	82.2	123.4
131	85.9	79.4	119.2

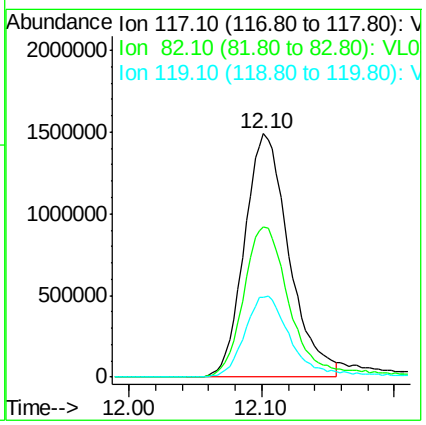


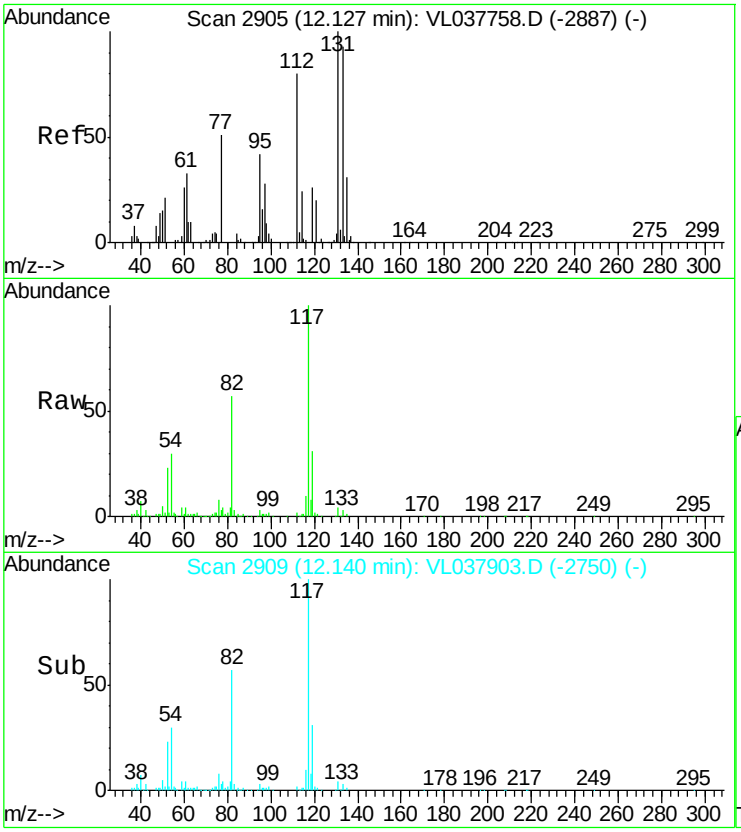


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:117 Resp: 3495715

Ion	Ratio	Lower	Upper
117	100		
82	66.6	52.2	78.2
119	35.6	26.0	39.0



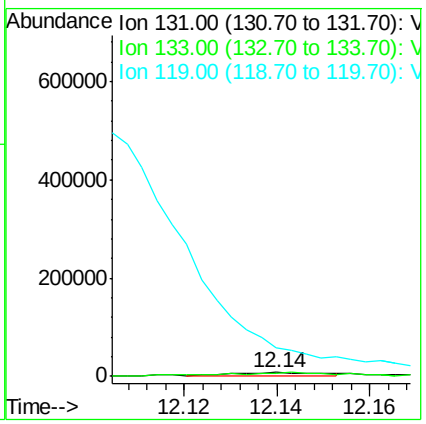


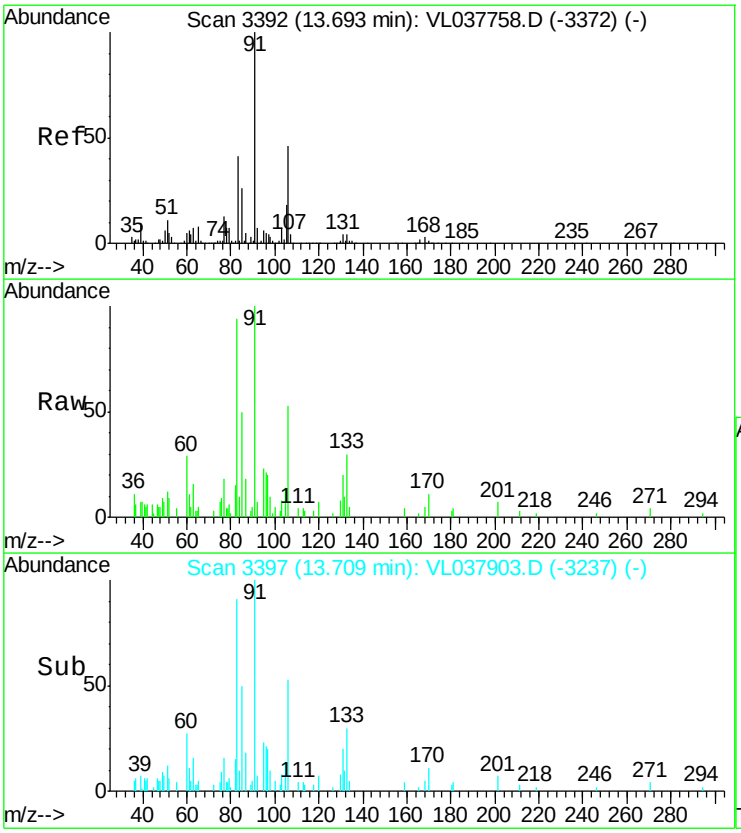
#56
1,1,1,2-Tetrachloroethane
Concen: 0.078 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:131 Resp: 11293

Ion	Ratio	Lower	Upper
131	100		
133	143.8	78.5	117.7#
119	0.0	51.7	77.5#

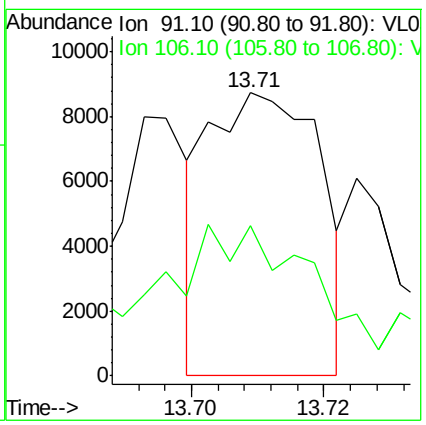


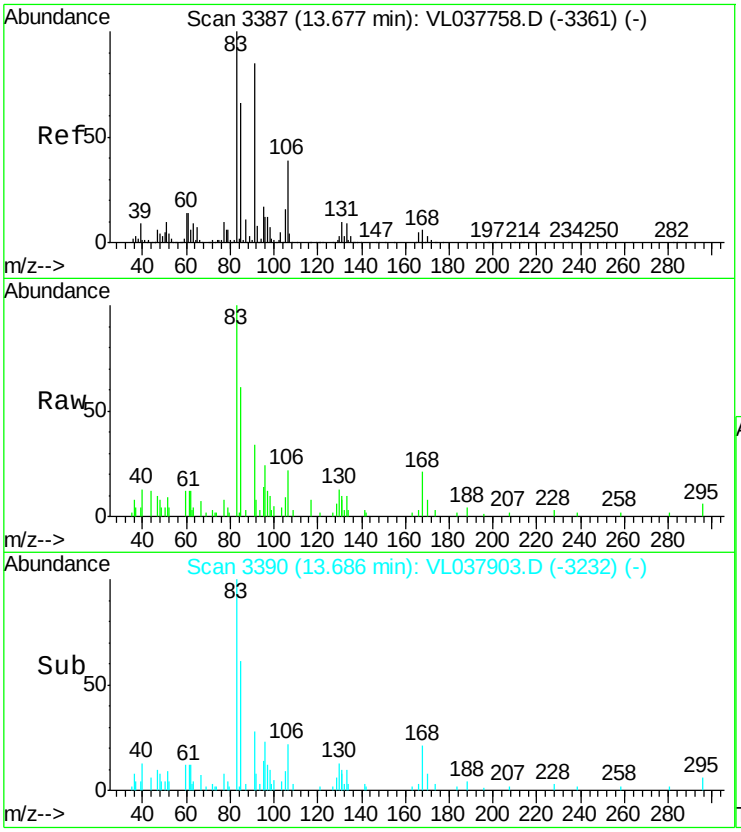


#60
o-Xylene
Concen: 0.026 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 91 Resp: 10203

Ion	Ratio	Lower	Upper
91	100		
106	101.0	23.5	70.5#



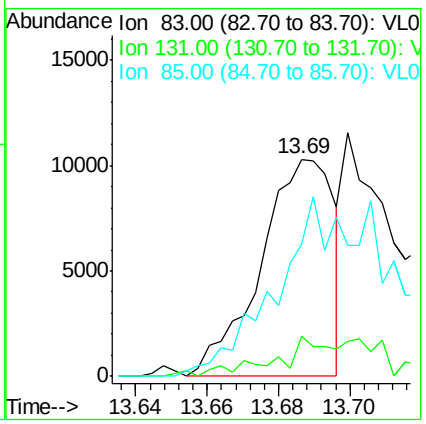


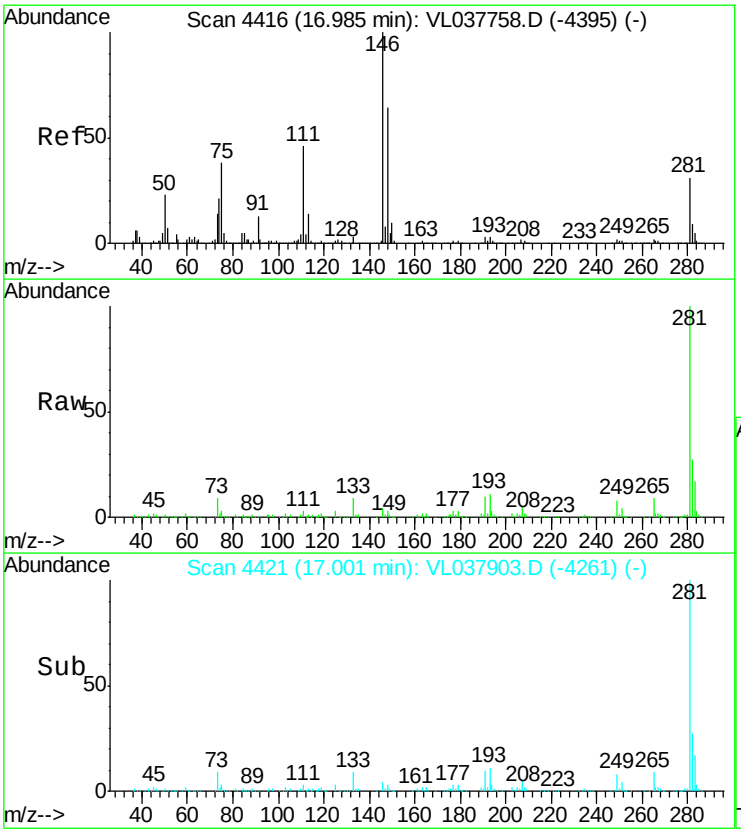
#63
1,1,2,2-Tetrachloroethane
Concen: 0.049 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion: 83 Resp: 14615

Ion	Ratio	Lower	Upper
83	100		
131	25.7	5.0	15.0#
85	148.8	33.1	99.5#

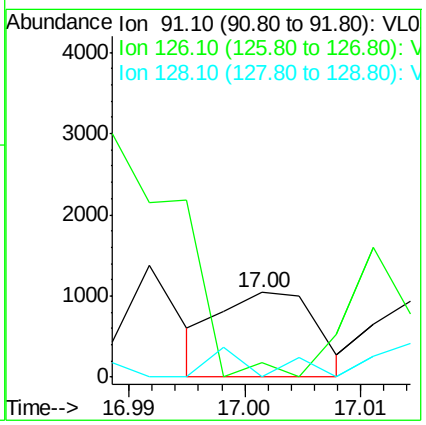


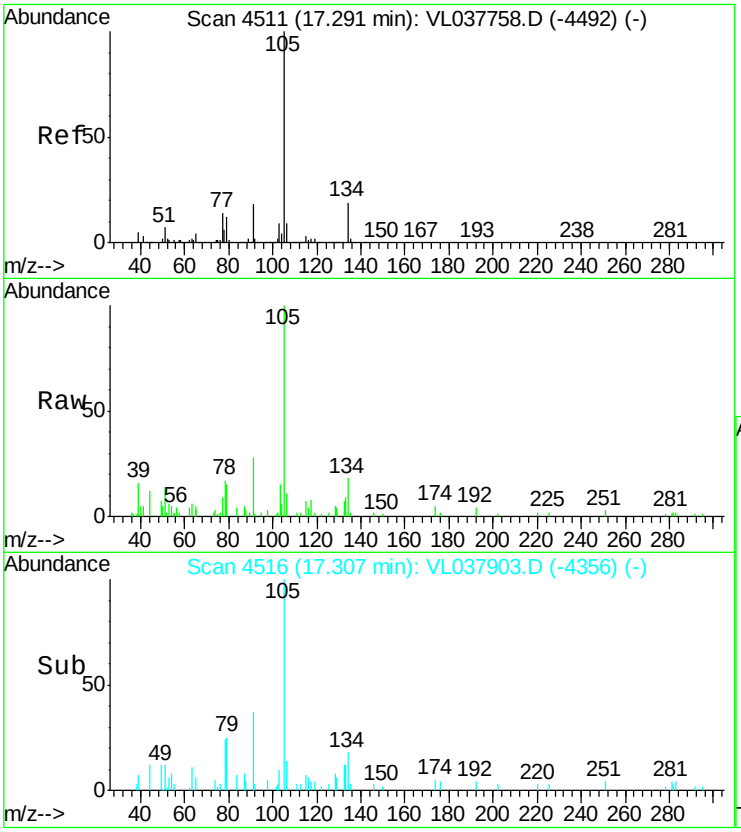


#66
Benzyl Chloride
Concen: 0.026 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 91 Resp: 603

Ion	Ratio	Lower	Upper
91	100		
126	0.0	0.0	0.0
128	0.0	5.3	7.9#



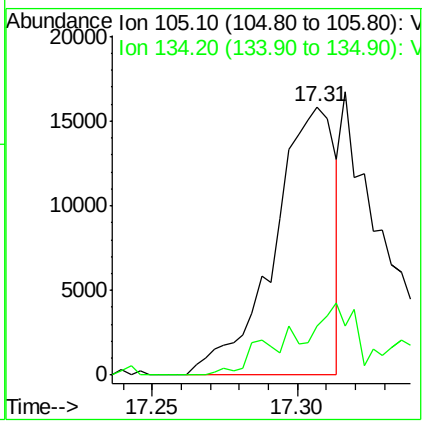


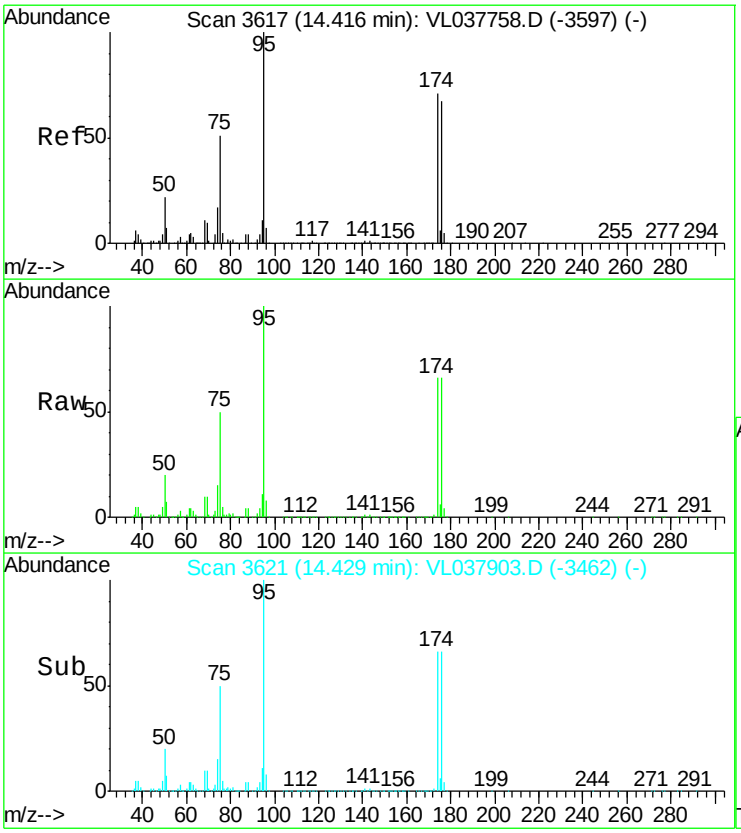
#67
sec-Butylbenzene
Concen: 0.036 ppbv
RT: 17.31
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:105 Resp: 23092

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.4	23.0#

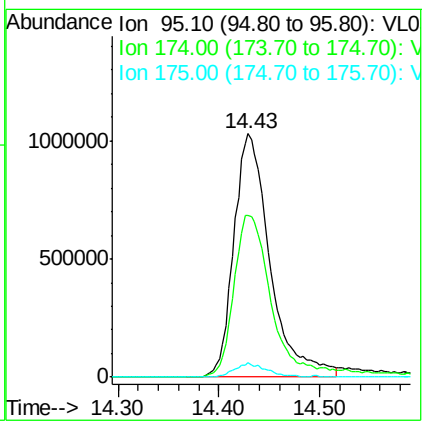


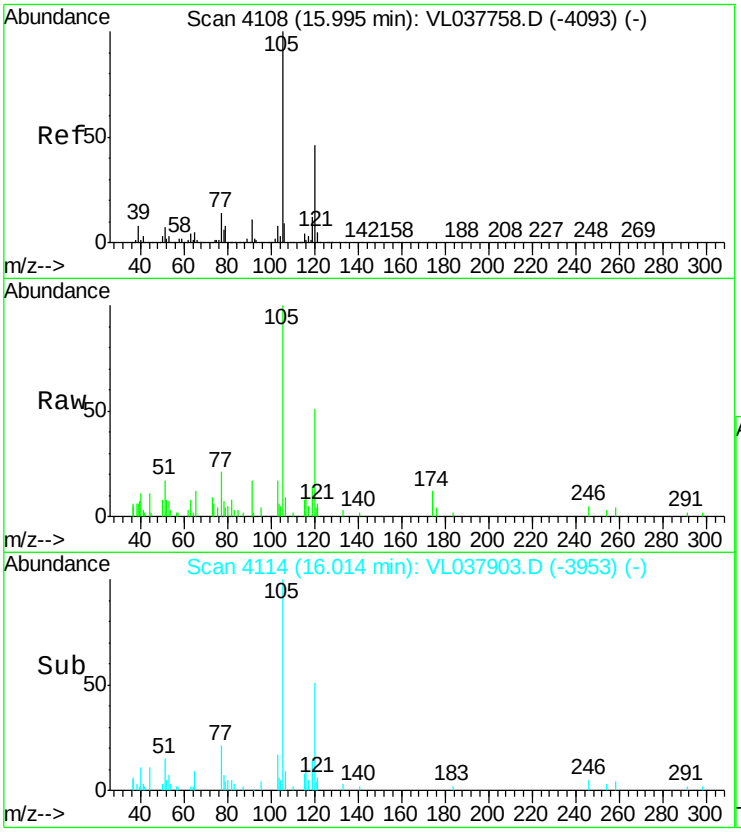


#68
1-Bromo-4-Fluorobenzene
Concen: 10.502 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.01 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion: 95 Resp: 2567256

Ion	Ratio	Lower	Upper
95	100		
174	72.8	57.8	86.6
175	5.5	4.7	7.1



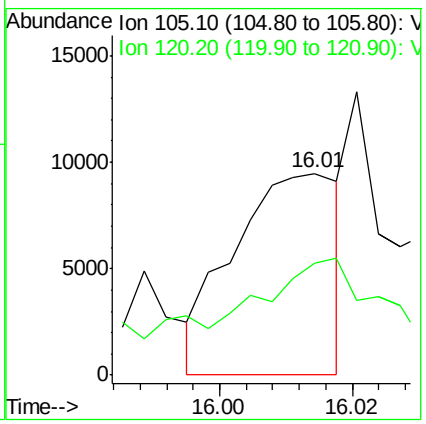


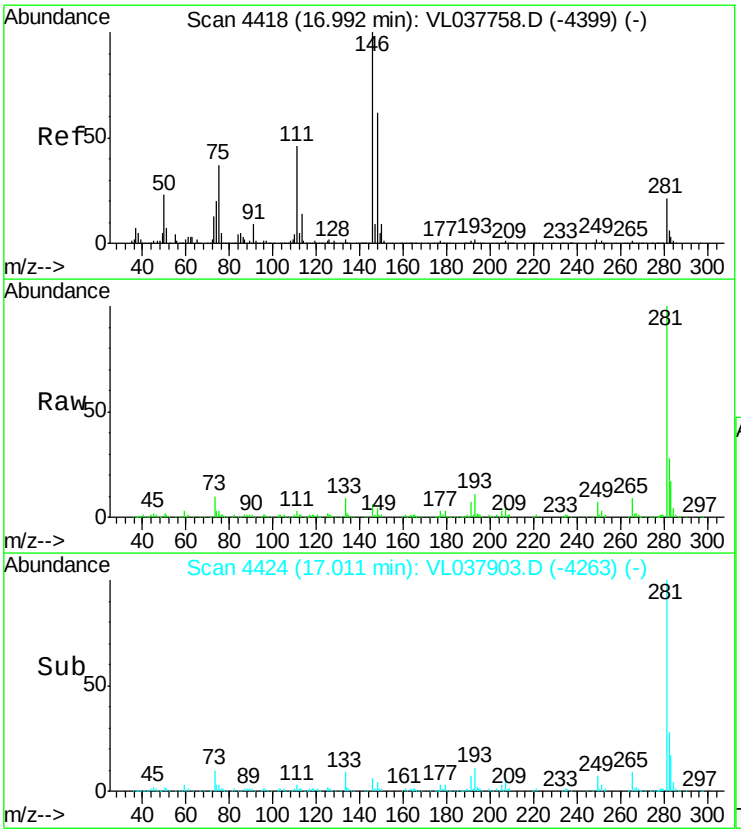
#73
1,3,5-Trimethylbenzene
Concen: 0.026 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:105 Resp: 10457

Ion	Ratio	Lower	Upper
105	100		
120	35.4	36.6	54.8#

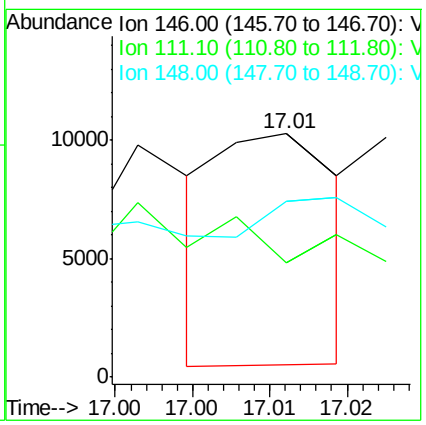


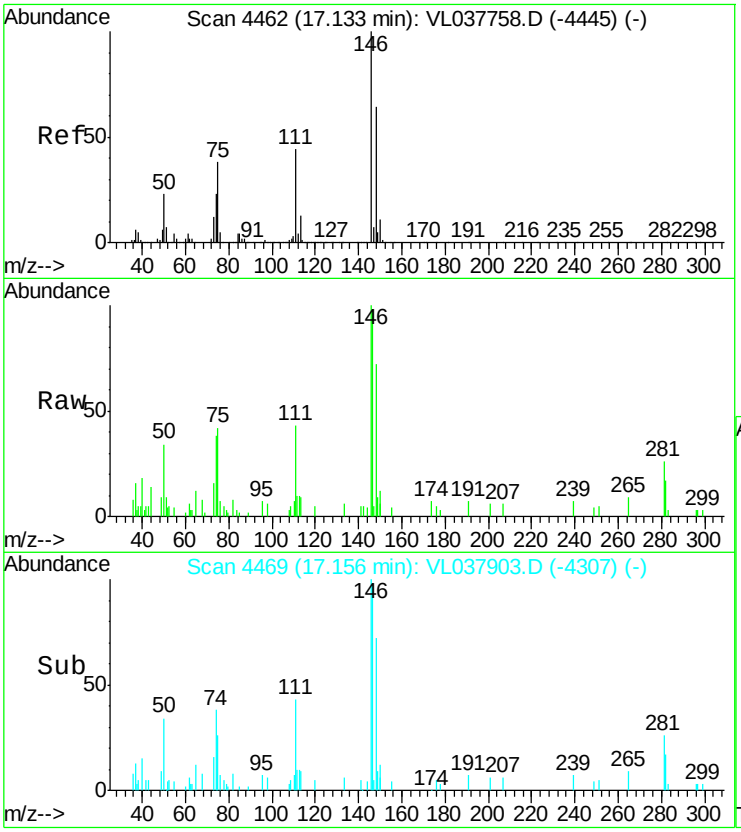


#75
1,3-Dichlorobenzene
Concen: 0.020 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. 0.02 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:146 Resp: 5236

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.4#
148	453.0	32.8	98.3#



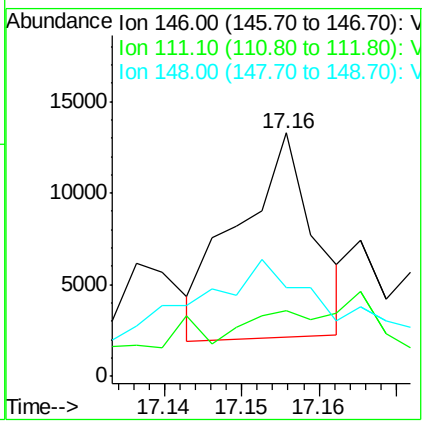


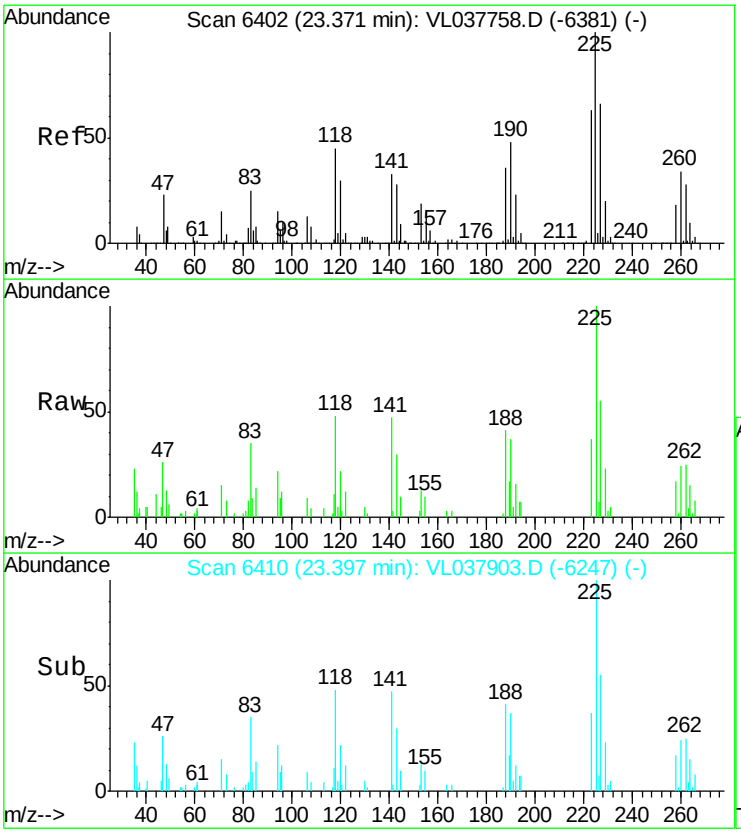
#76
1,4-Dichlorobenzene
Concen: 0.031 ppbv
RT: 17.16
Delta R.T
Lab File:
Acq: 25 Oct 2021 21:09

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2021

Tgt Ion:146 Resp: 7619

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.4	67.3#
148	203.2	33.3	99.9#





#78
Hexachloro-1,3-Butadiene
Concen: 0.035 ppbv
RT: 23.40 min Scan# 6410
Delta R.T. 0.03 min
Lab File: VL037903.D
Acq: 25 Oct 2021 21:09

Tgt Ion:225 Resp: 7196

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.2	76.8#
227	0.0	51.1	76.7#