Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037860.D
Acq On : 18 Oct 2021 20:01
Operator : SY/AP
Sample : M4068-13 0.1 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Quant Time: Oct 19 08:34:45 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	5.67	49	1236757	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3633750	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3071669	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2197088	10.23	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	33895	0.143	ppbv		100
4) Chloromethane	3.15	50	7656	0.088	ppbv	#	70
5) Vinyl Chloride	3.27	62	8128	0.102	ppbv	#	44
6) Bromomethane	3.48	94	866	0.020	ppbv	#	26
7) Chloroethane	3.56	64	1952	0.067	ppbv		93
8) Dichlorotetrafluoroethane	3.20	85	23646	0.121	ppbv		88
10) Heptane	8.13	43	5104	0.026	ppbv	#	1
11) Trichlorofluoromethane	3.95	101	23675	0.134	ppbv	#	75
12) 1,1,2-Trichlorotrifluoroet	4.49	101	5928	0.044	ppbv	#	10
13) Ethanol	3.63	45	2603	0.364	ppbv		98
14) Bromoethene	3.75	108	7678	0.131	ppbv	#	92
15) Acetone	3.89	43	22360	0.201	ppbv		92
16) 1,3-Butadiene	3.34	39	7416	0.092	ppbv	#	70
20) Methylene Chloride	4.34	84	17230	0.307	ppbv	#	64
21) Allyl Chloride	4.42	41	3660	0.037	ppbv	#	1
22) trans-1,2-Dichloroethene	4.89	96	2241	0.037	ppbv		84
24) 1,1-Dichloroethane	5.01	63	8416	0.069	ppbv	#	91
25) Ethyl Acetate	5.70	43	32726	0.105	ppbv	#	95
26) Hexane	5.69	57	8650	0.056	ppbv	#	1
27) Carbon Disulfide	4.56	76	8783	0.065	ppbv	#	53
28) Methyl tert-Butyl Ether	5.05	73	5201	0.041	ppbv	#	50
29) Chloroform	5.75	83	14154	0.065	ppbv		84
31) cis-1,2-Dichloroethene	5.55	61	12114	0.087	ppbv	#	75
32) 1,1,1-Trichloroethane	6.51	97	23272	0.112	ppbv		93
35) Carbon Tetrachloride	7.02	117	6374	0.031	ppbv	#	86
36) Benzene	6.89	78	14701	0.047	ppbv		96
37) 1,2-Dichloroethane	6.30	62	15828	0.108	ppbv	#	87
38) Trichloroethene	7.84	130	10073	0.082	ppbv	#	76
39) 1,2-Dichloropropane	7.23	63	18862	0.162	ppbv	#	34
44) 2,2,4-Trimethylpentane	7.87	57	20000	0.038	ppbv	#	31
46) cis-1,3-Dichloropropene	8.70	75	3156	0.033	ppbv		96
48) Dibromochloromethane	10.30	129	6726	0.037	ppbv	#	9
52) Tetrachloroethene	11.22	164	5790	0.048	ppbv	#	2
56) 1,1,1,2-Tetrachloroethane	12.13	131	2880	0.023	ppbv	#	1
57) Chlorobenzene	12.15	112	11639	0.046	ppbv	#	78
59) m/p-Xylene	13.00	91	10274	0.029	ppbv	#	30
62) Isopropylbenzene	14.67	105	15868	0.034	ppbv	#	1
63) 1,1,2,2-Tetrachloroethane	13.67	83	12945	0.049	ppbv	#	2
65) tert-Butylbenzene	16.74	119	13248	0.032	ppbv	#	20
66) Benzyl Chloride	16.98	91	751	0.037	ppbv	#	1
67) sec-Butylbenzene	17.28	105	11674	0.020	ppbv	#	58

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037860.D
Acq On : 18 Oct 2021 20:01
Operator : SY/AP
Sample : M4068-13 0.1 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Quant Time: Oct 19 08:34:45 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)
69) p-Isopropyltoluene	17.65	119	11370	0.025	ppbv	#	48
70) n-Butylbenzene	18.54	91	11027	0.025	ppbv	#	6
71) 2-Chlorotoluene	15.45	91	9545	0.029	ppbv	#	6
72) 4-Ethyltoluene	15.83	105	8136	0.021	ppbv	#	55
73) 1,3,5-Trimethylbenzene	16.00	105	13777	0.039	ppbv	#	76
75) 1,3-Dichlorobenzene	16.99	146	25833	0.113	ppbv	#	69
76) 1,4-Dichlorobenzene	17.13	146	4584	0.021	ppbv	#	23
77) 1,2-Dichlorobenzene	17.81	146	5379	0.025	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.37	225	11531	0.065	ppbv	#	12

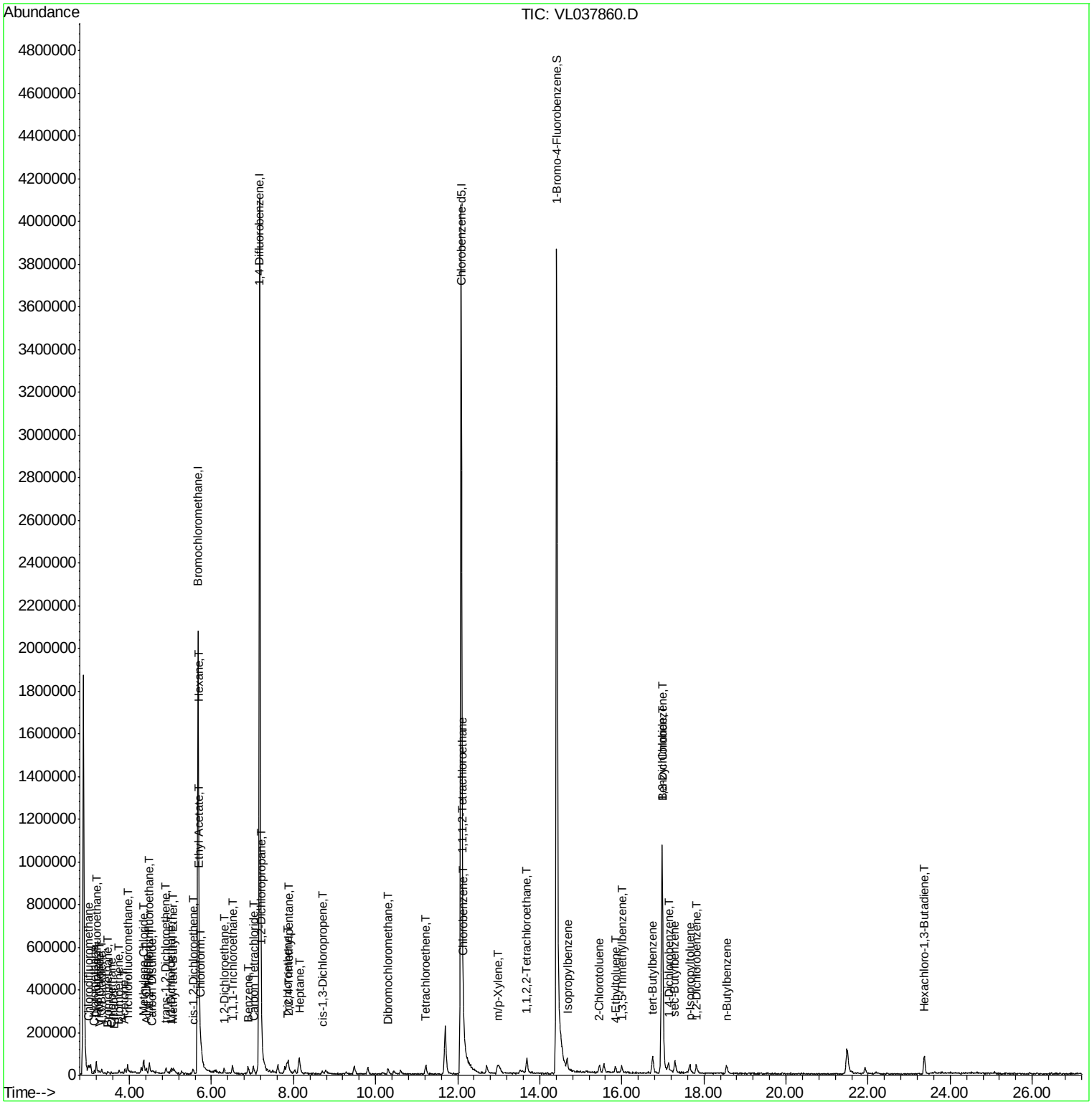
(#) = qualifier out of range (m) = manual integration (+) = signals summed

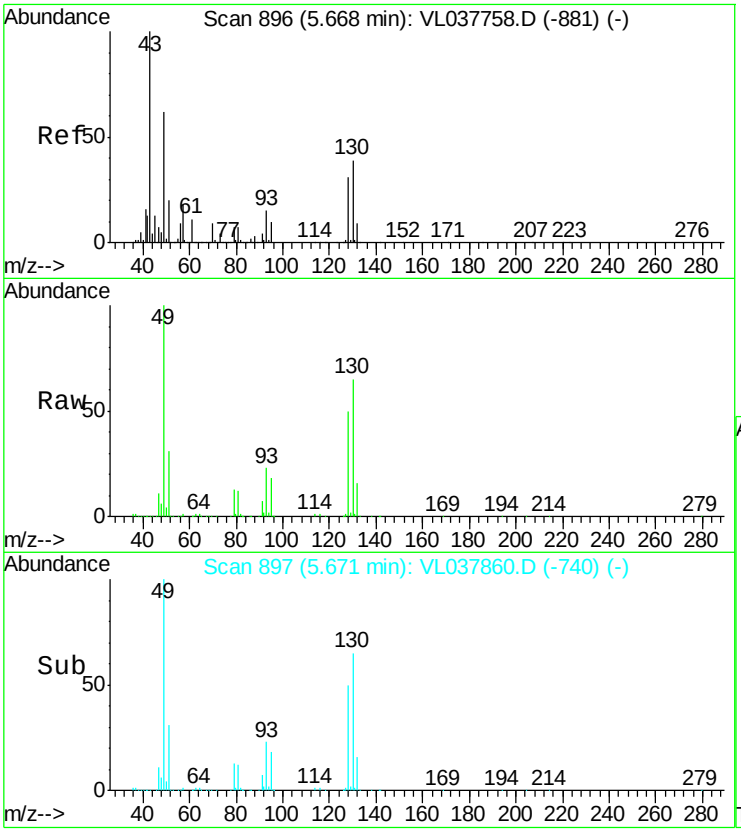
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037860.D
Acq On : 18 Oct 2021 20:01
Operator : SY/AP
Sample : M4068-13 0.1 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Quant Time: Oct 19 08:34:45 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



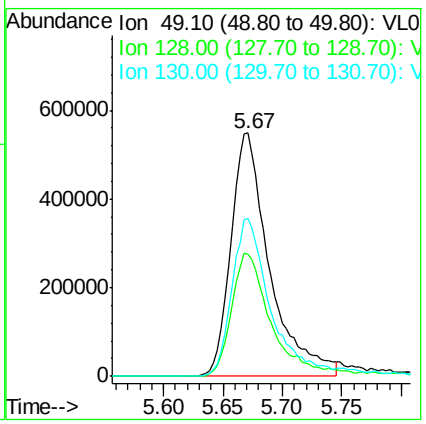


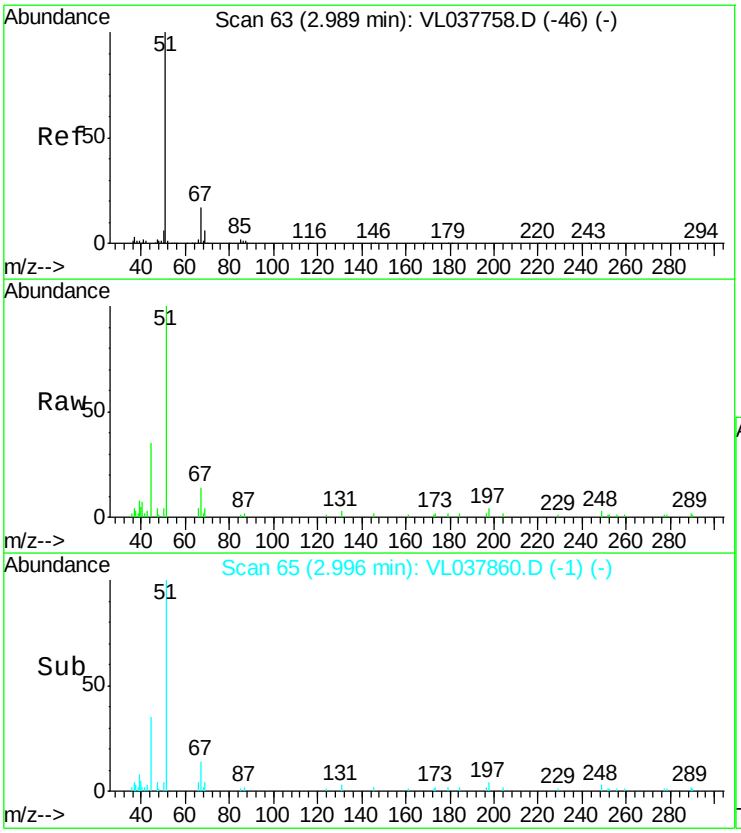
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 49 Resp: 1236757

Ion	Ratio	Lower	Upper
49	100		
128	54.8	27.1	81.3
130	69.1	33.2	99.6

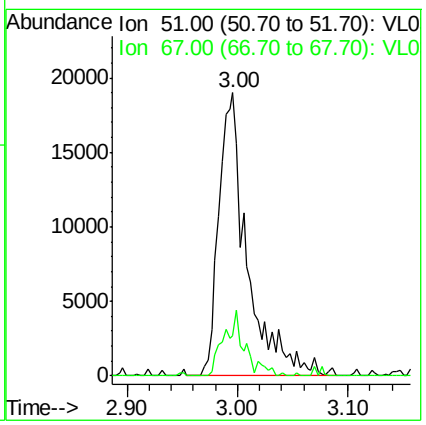


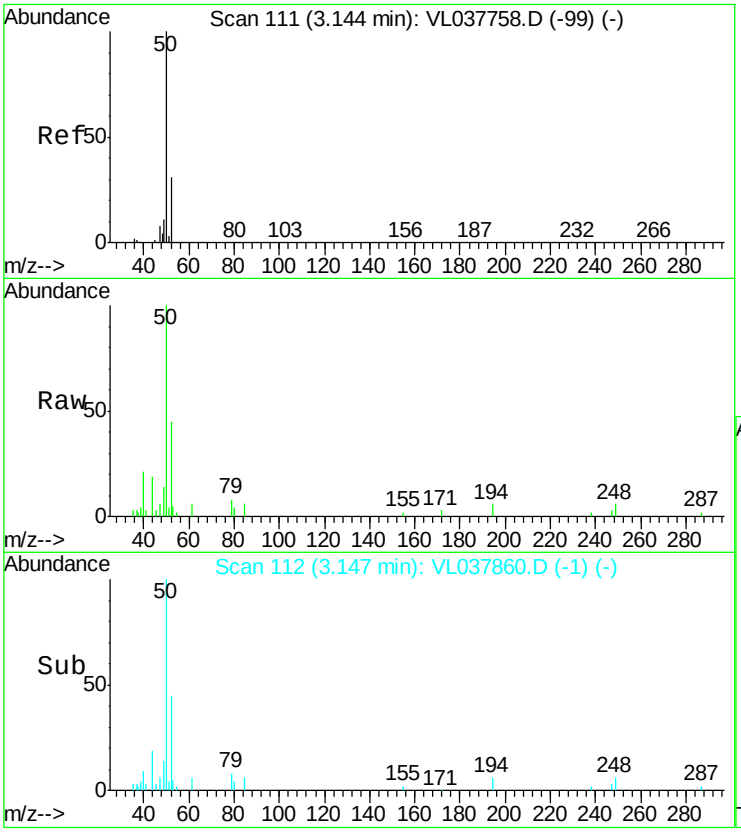


#3
Chlorodifluoromethane
Concen: 0.143 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 51 Resp: 33895

Ion	Ratio	Lower	Upper
51	100		
67	16.9	13.5	20.3



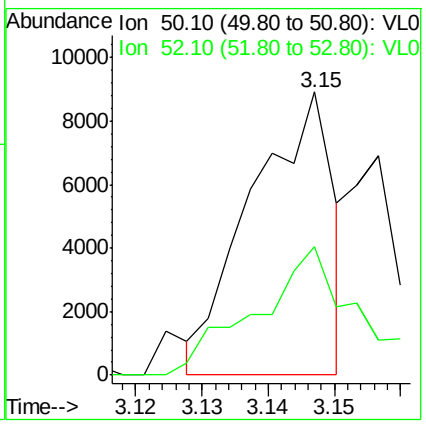


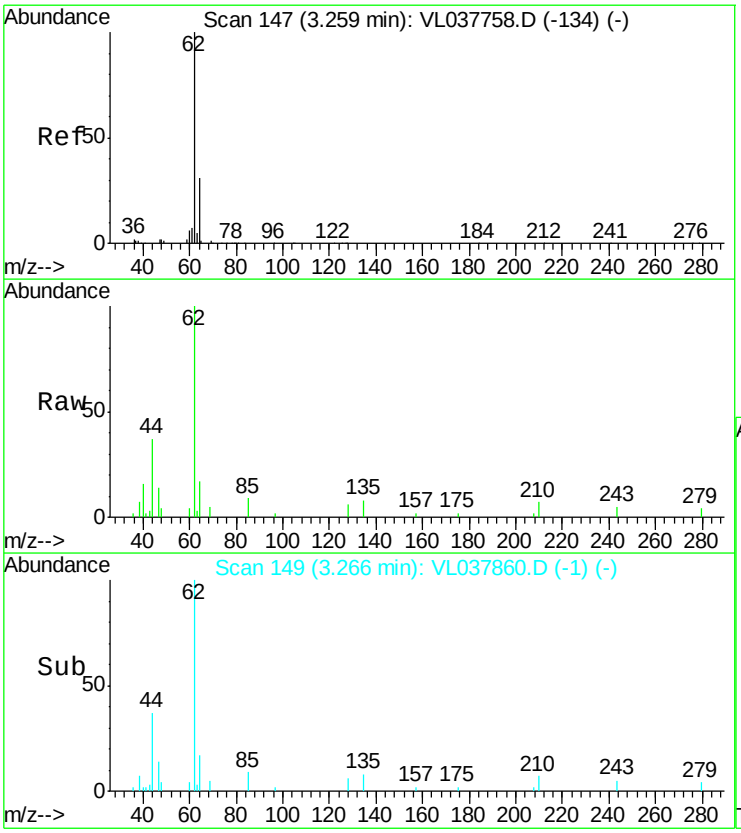
#4
Chloromethane
Concen: 0.088 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 50 Resp: 7656

Ion	Ratio	Lower	Upper
50	100		
52	46.7	24.4	36.6#

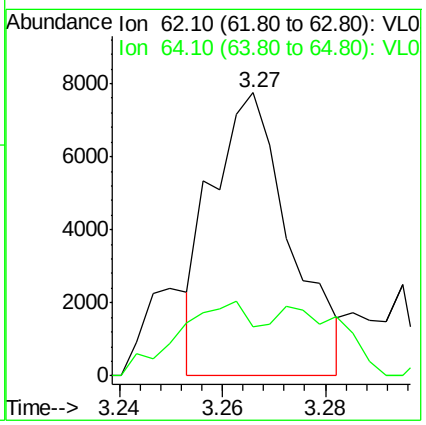


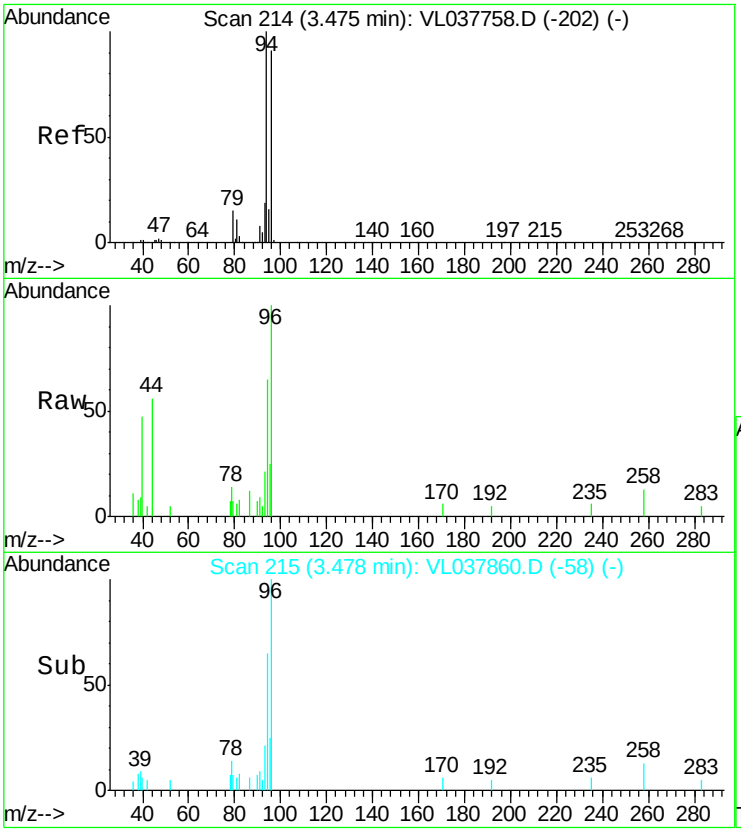


#5
Vinyl Chloride
Concen: 0.102 ppbv
RT: 3.27 min Scan# 149
Delta R.T. 0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 62 Resp: 8128

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.9	37.3#



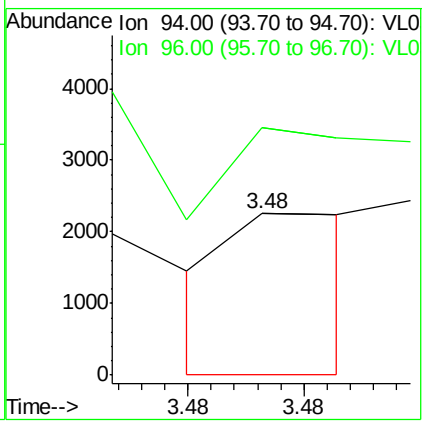


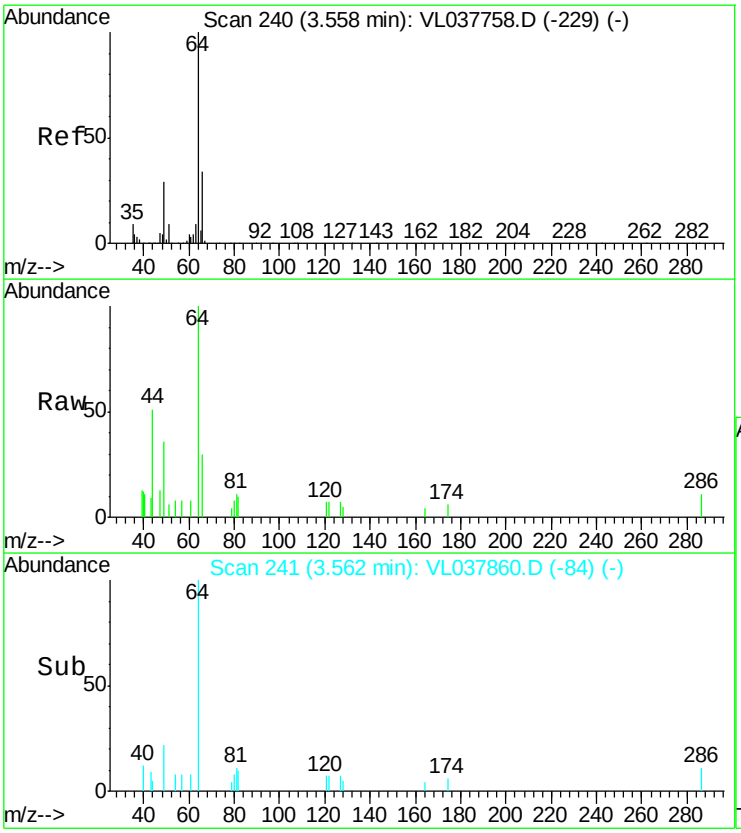
#6
Bromomethane
Concen: 0.020 ppbv
RT: 3.48
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 94 Resp: 866

Ion	Ratio	Lower	Upper
94	100		
96	160.9	72.5	108.7#

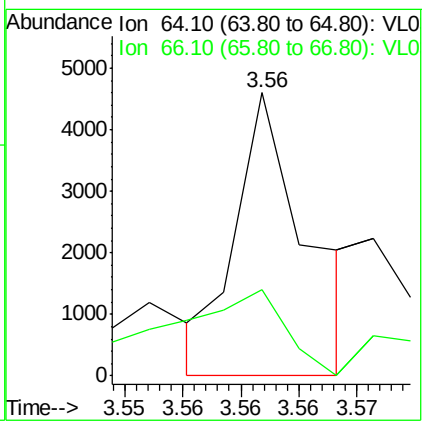


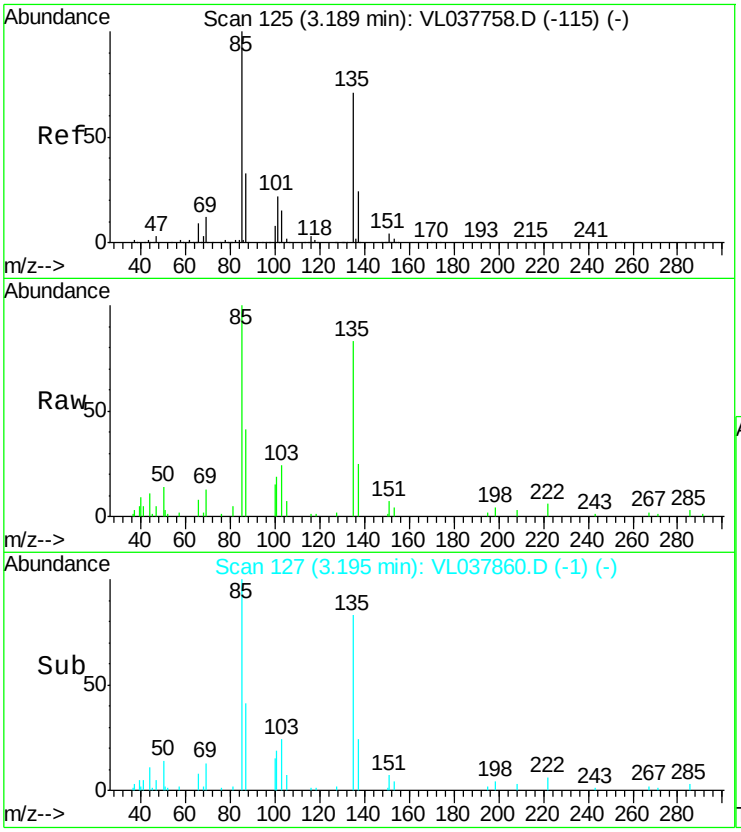


#7
Chloroethane
Concen: 0.067 ppbv
RT: 3.56 min Scan# 241
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 64 Resp: 1952

Ion	Ratio	Lower	Upper
64	100		
66	30.4	27.5	41.3



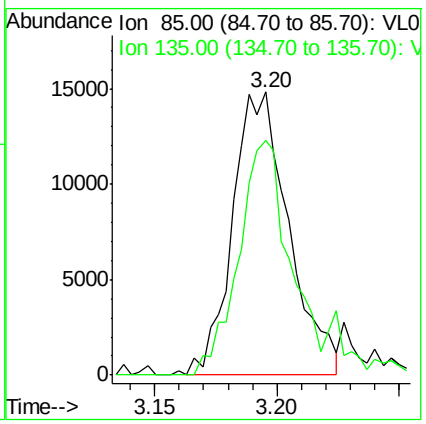


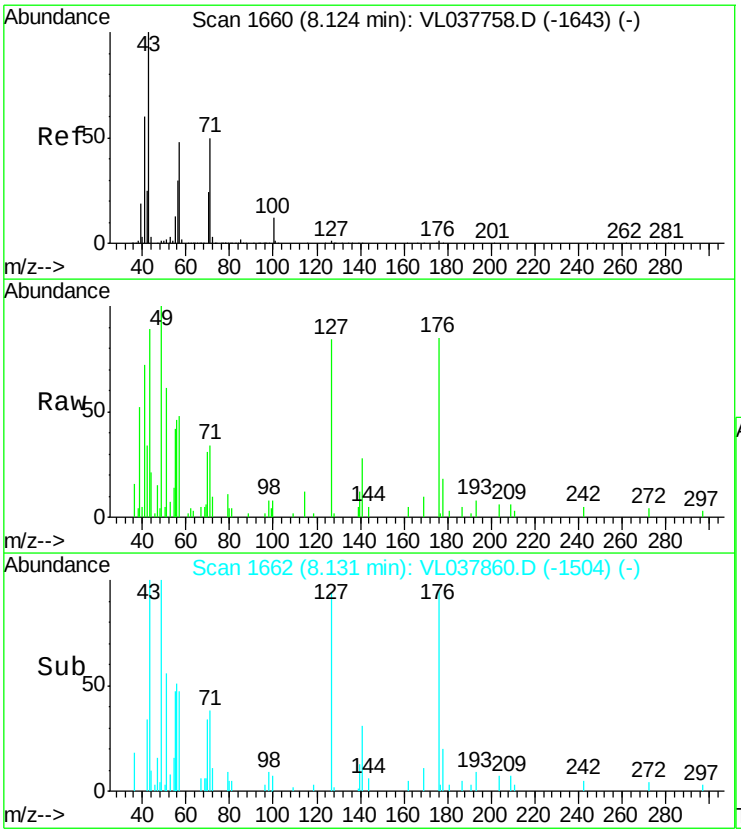
#8
Dichlorotetrafluoroethane
Concen: 0.121 ppbv
RT: 3.20
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 85 Resp: 23646

Ion	Ratio	Lower	Upper
85	100		
135	84.6	59.5	89.3

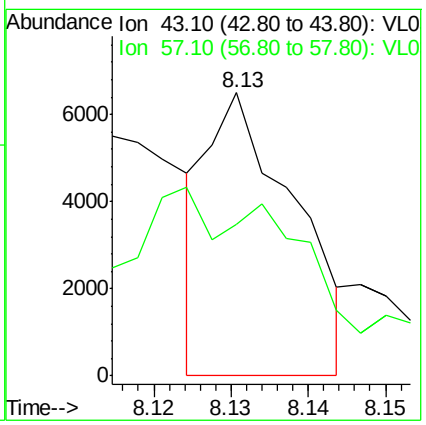


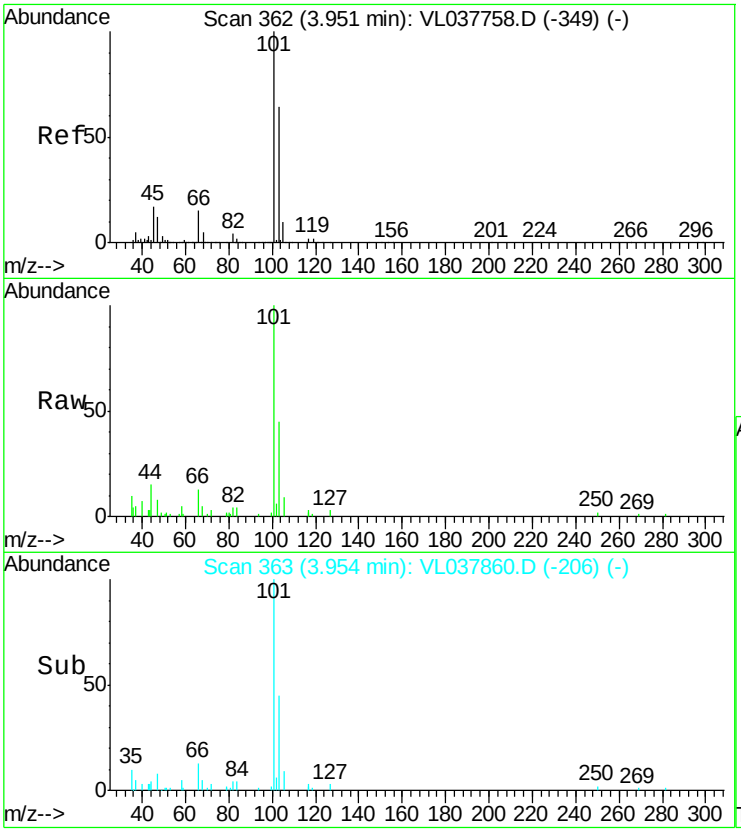


#10
Heptane
Concen: 0.026 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 43 Resp: 5104

Ion	Ratio	Lower	Upper
43	100		
57	196.6	40.0	60.0#



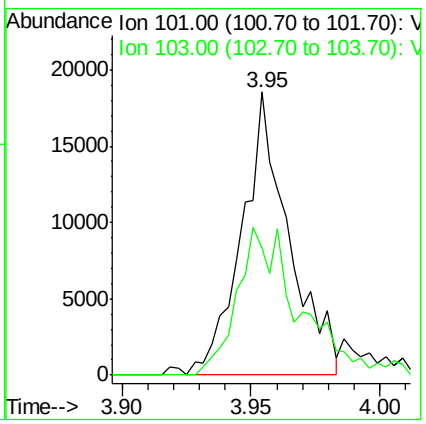


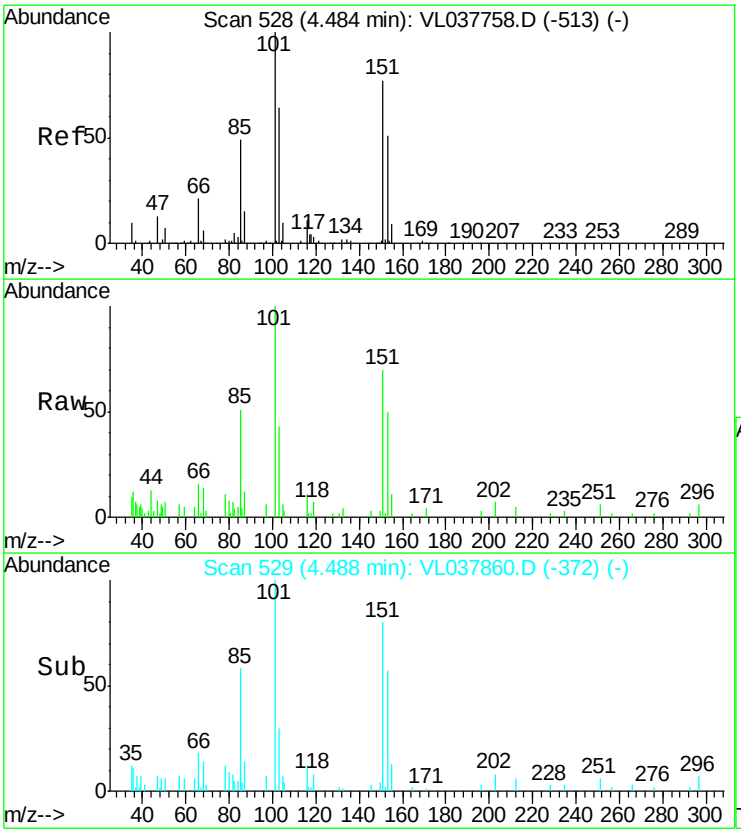
#11
Trichlorofluoromethane
Concen: 0.134 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:101 Resp: 23675

Ion	Ratio	Lower	Upper
101	100		
103	44.8	51.5	77.3#

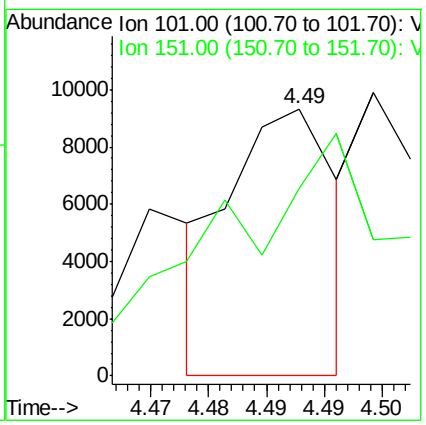


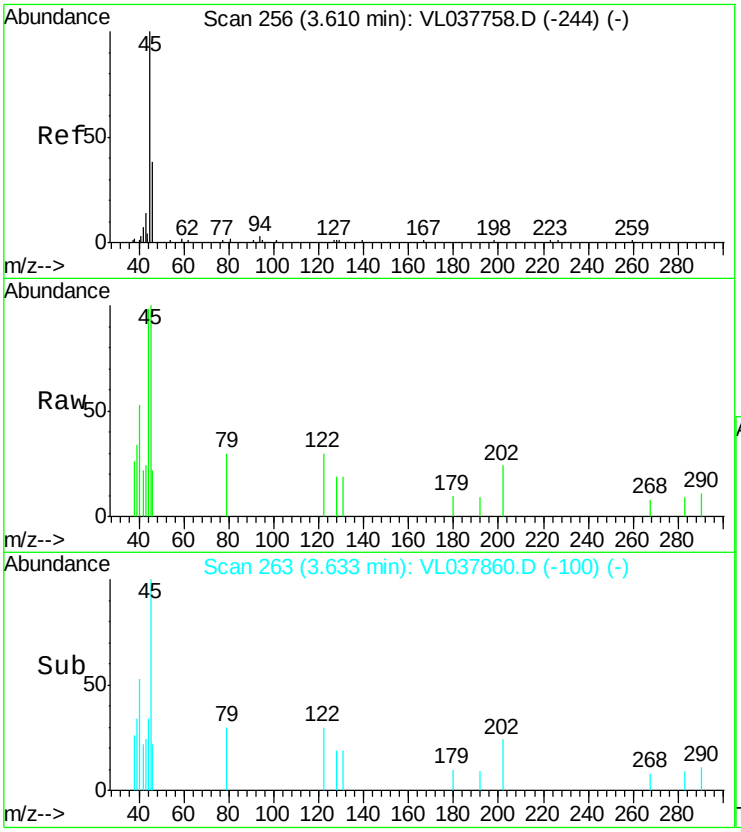


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.044 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:101 Resp: 5928

Ion	Ratio	Lower	Upper
101	100		
151	0.0	62.9	94.3#



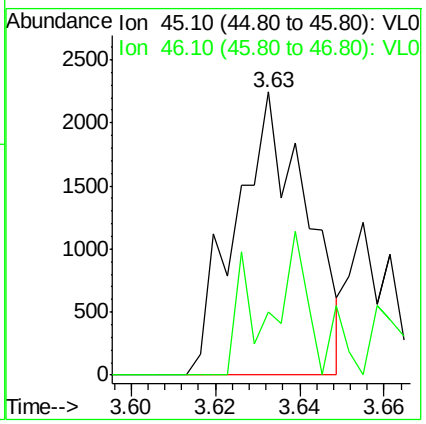


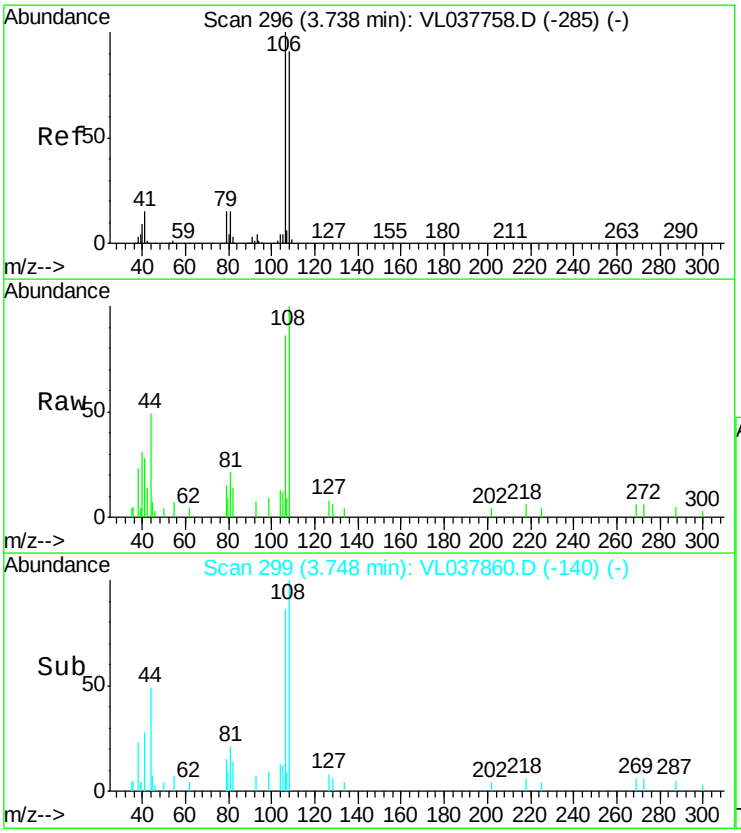
#13
Ethanol
Concen: 0.364 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 45 Resp: 2603

Ion	Ratio	Lower	Upper
45	100		
46	52.0	20.2	81.0

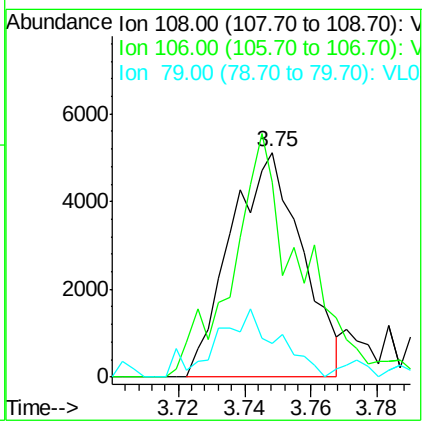


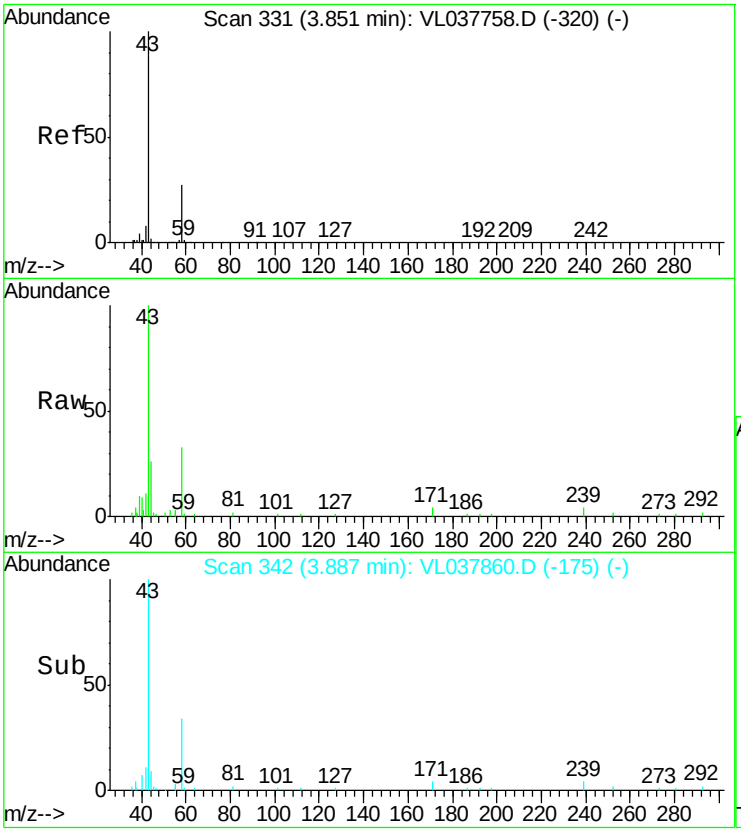


#14
Bromoethene
Concen: 0.131 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:108 Resp: 7678

Ion	Ratio	Lower	Upper
108	100		
106	109.2	91.9	137.9
79	28.6	13.9	20.9#



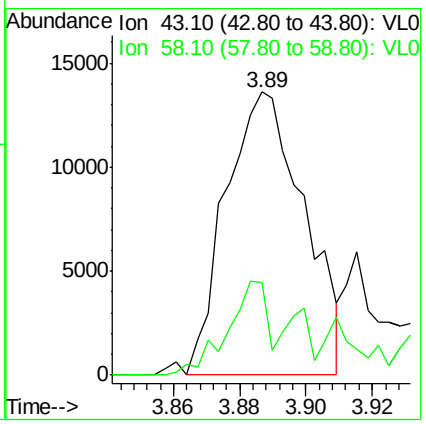


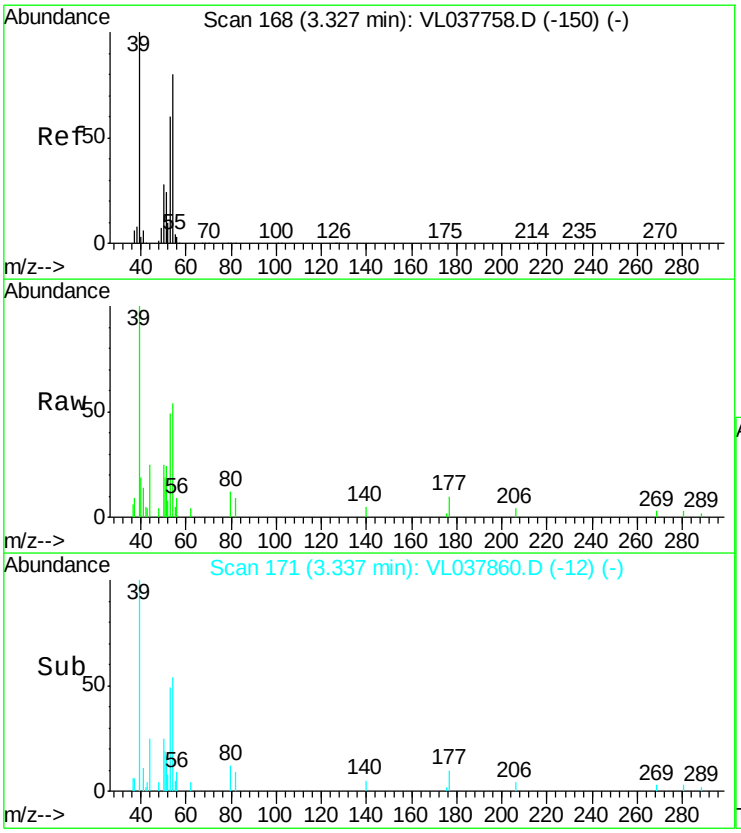
#15
Acetone
Concen: 0.201 ppbv
RT: 3.89
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 43 Resp: 22360

Ion	Ratio	Lower	Upper
43	100		
58	24.4	23.0	34.6

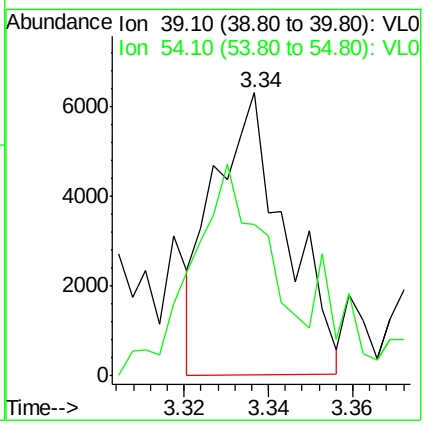


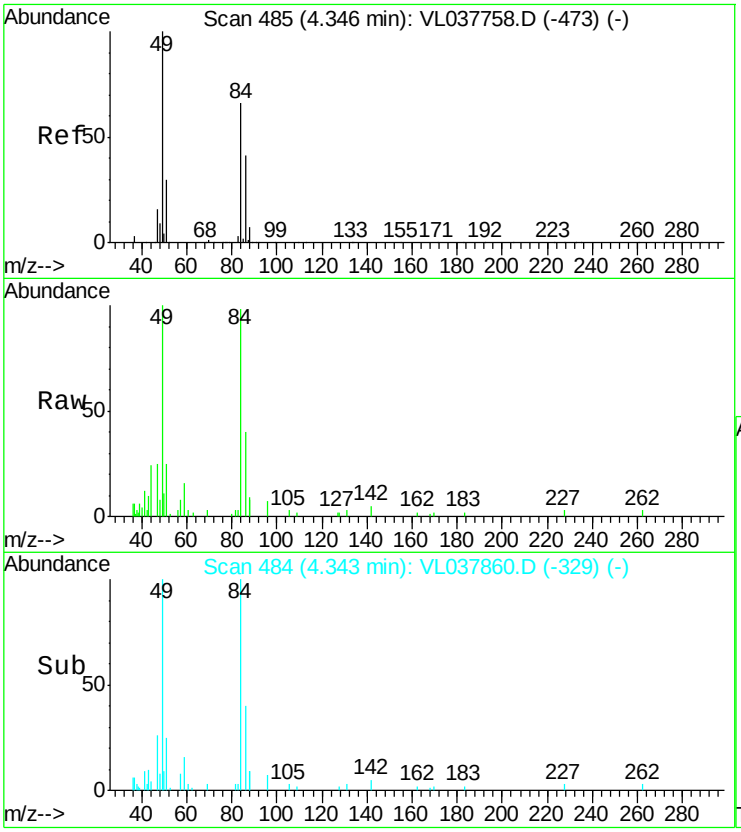


#16
1,3-Butadiene
Concen: 0.092 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 39 Resp: 7416

Ion	Ratio	Lower	Upper
39	100		
54	103.3	61.7	92.5#



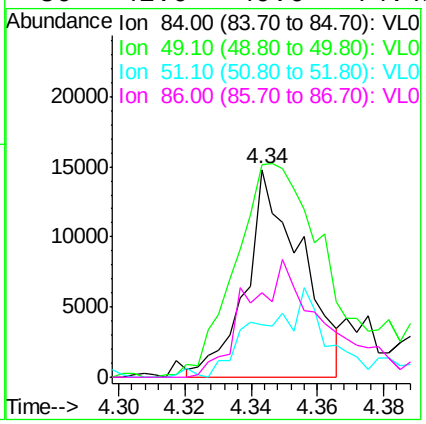


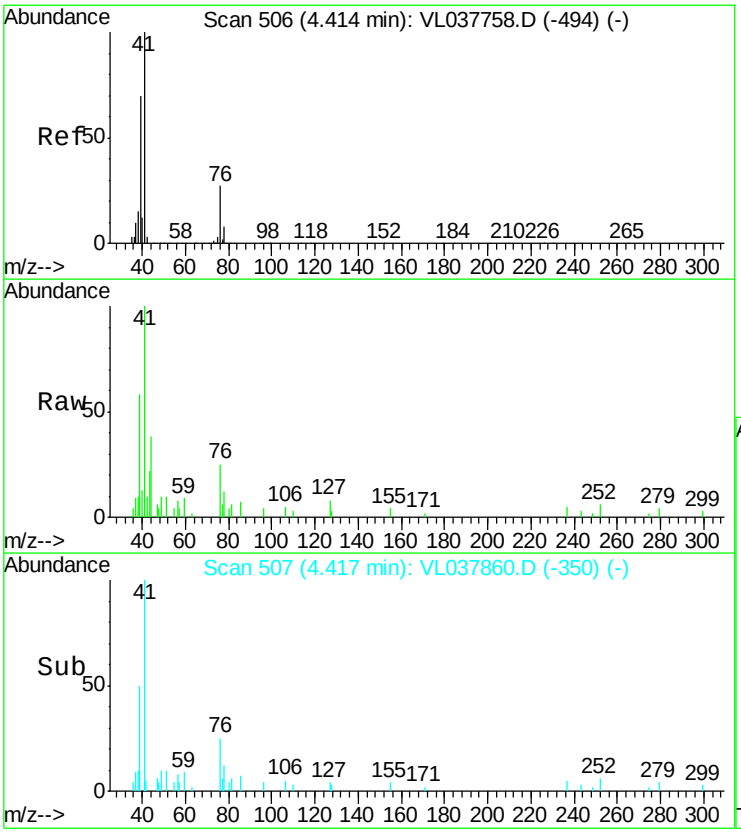
#20
Methylene Chloride
Concen: 0.307 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 84 Resp: 17230

Ion	Ratio	Lower	Upper
84	100		
49	99.7	120.7	181.1#
51	21.4	36.2	54.4#
86	42.0	49.6	74.4#

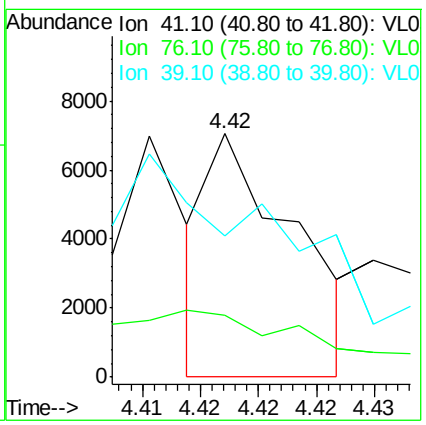


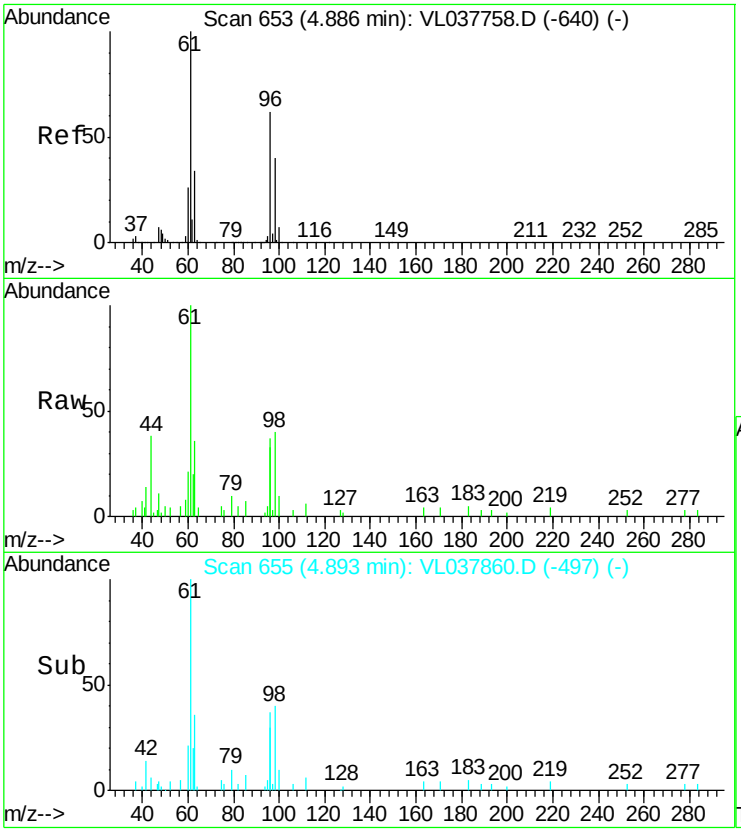


#21
Allyl Chloride
Concen: 0.037 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 41 Resp: 3660

Ion	Ratio	Lower	Upper
41	100		
76	101.0	22.4	33.6#
39	0.0	58.0	87.0#



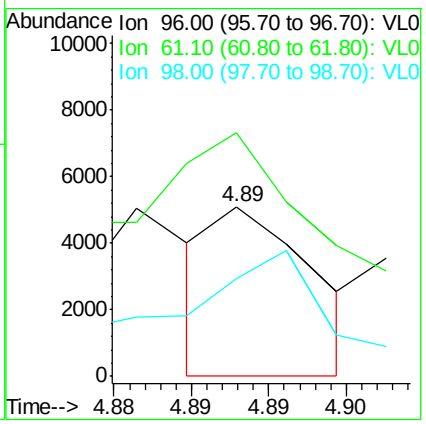


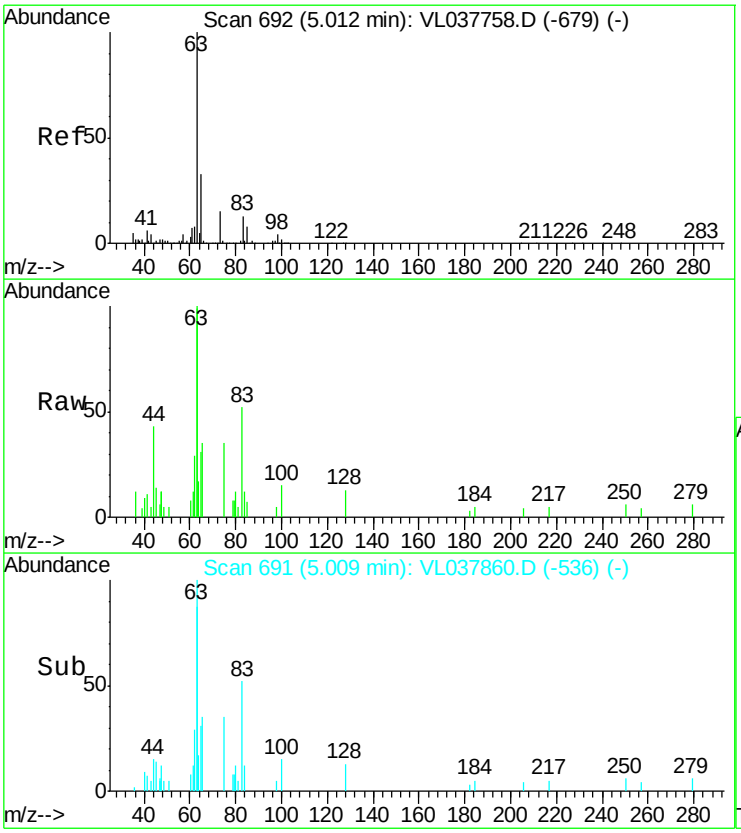
#22
trans-1,2-Dichloroethene
Concen: 0.037 ppbv
RT: 4.89
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 96 Resp: 2241

Ion	Ratio	Lower	Upper
96	100		
61	132.1	129.0	193.6
98	65.5	51.7	77.5

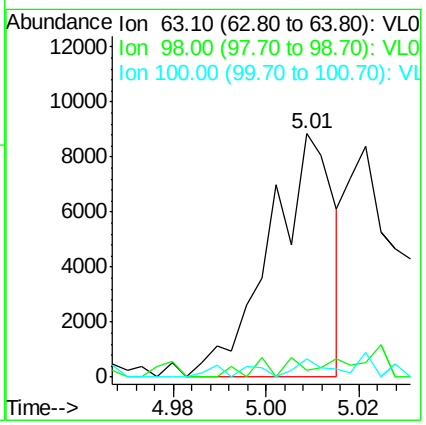


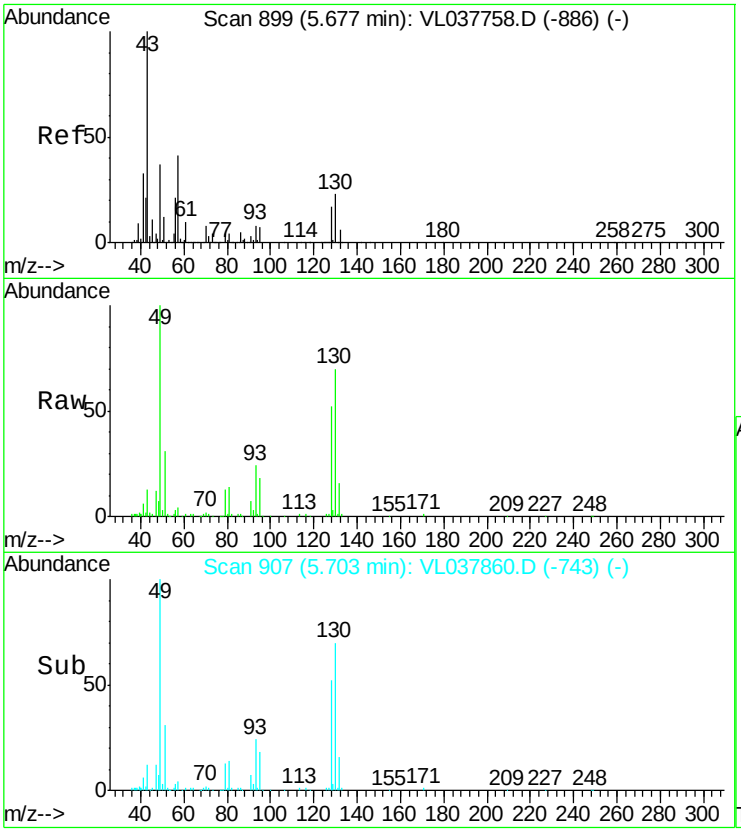


#24
1,1-Dichloroethane
Concen: 0.069 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 63 Resp: 8416

Ion	Ratio	Lower	Upper
63	100		
98	2.6	2.3	6.9
100	7.4	1.1	3.1#



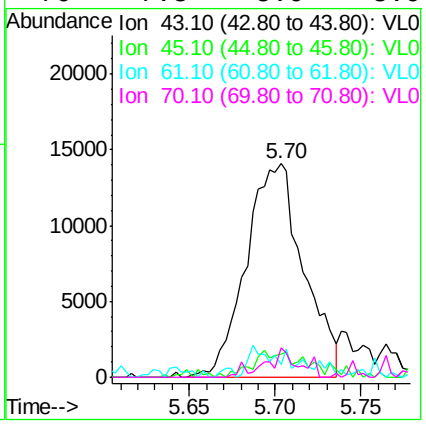


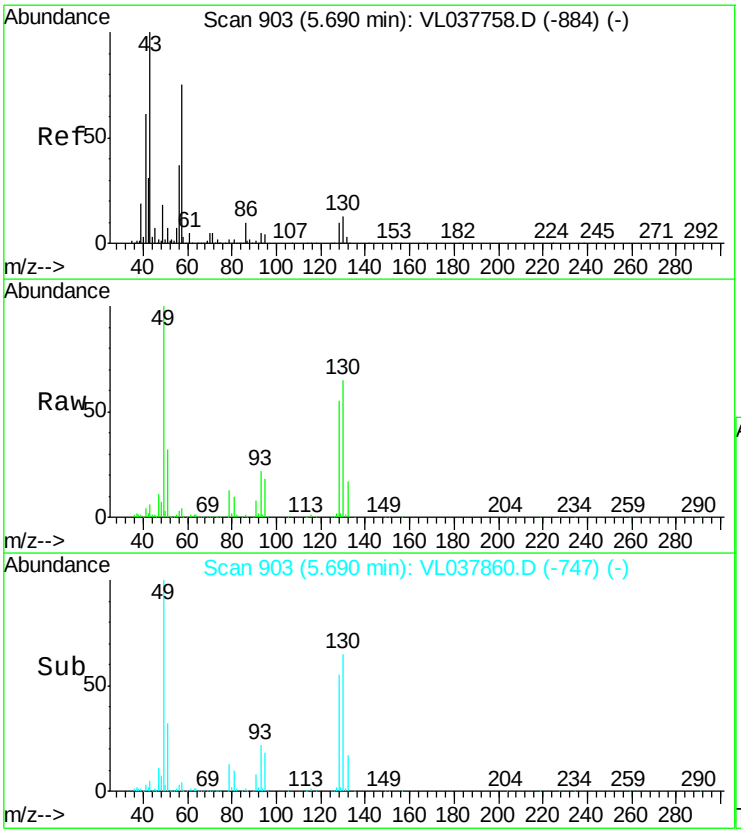
#25
Ethyl Acetate
Concen: 0.105 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 43 Resp: 32726

Ion	Ratio	Lower	Upper
43	100		
45	11.9	8.1	12.1
61	12.1	7.5	11.3#
70	7.8	5.9	8.9

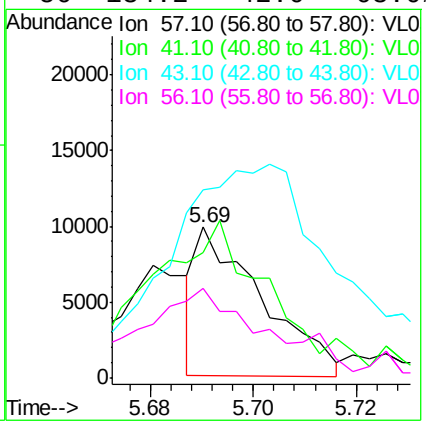


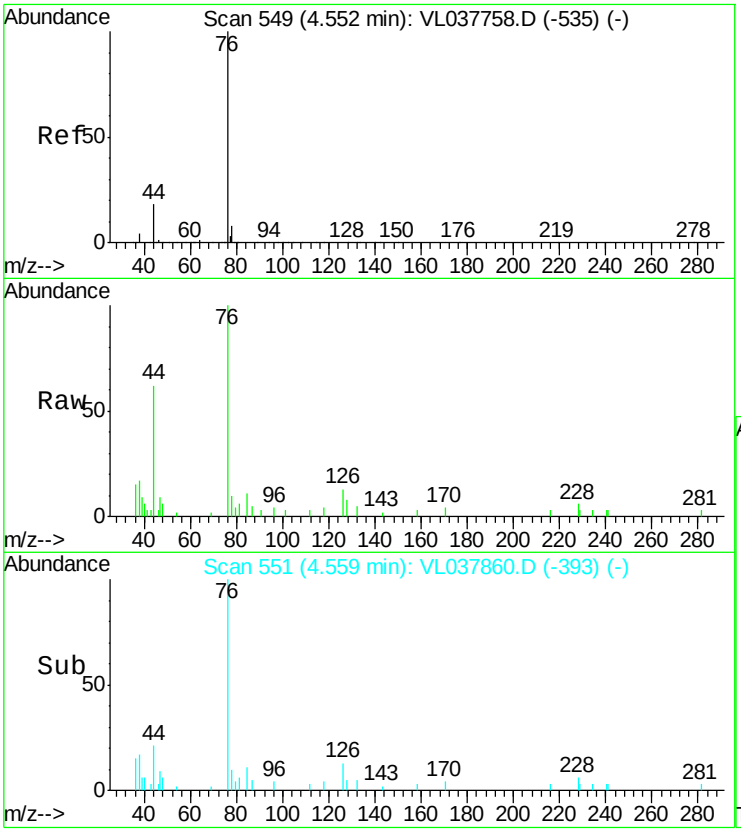


#26
Hexane
Concen: 0.056 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 57 Resp: 8650

Ion	Ratio	Lower	Upper
57	100		
41	214.2	69.6	104.4#
43	435.3	171.4	257.0#
56	134.2	42.0	63.0#



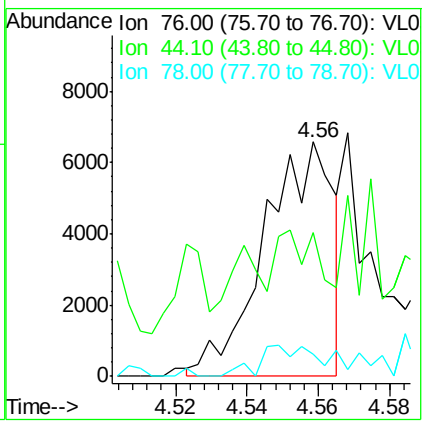


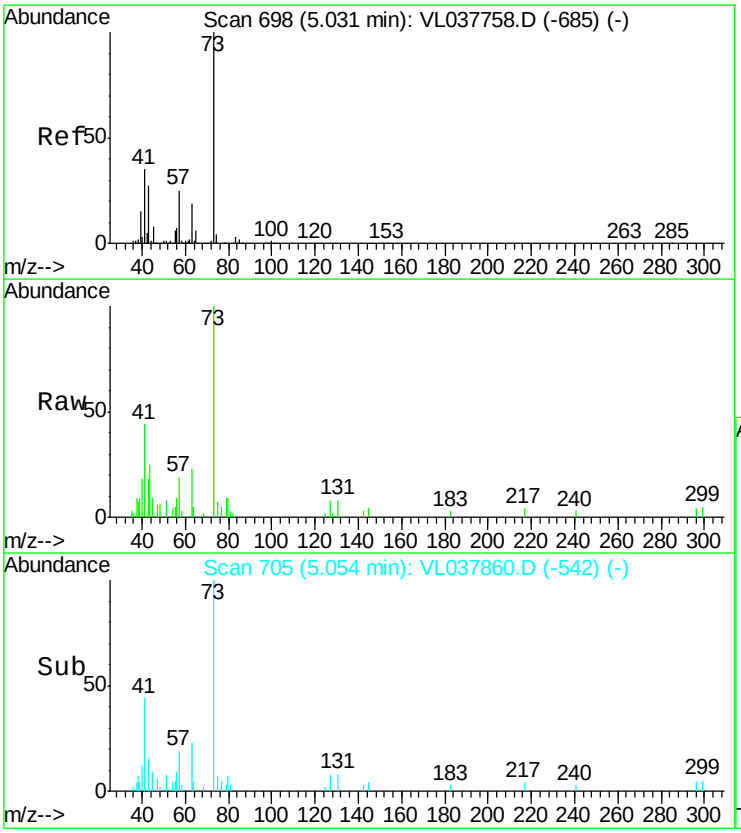
#27
Carbon Disulfide
Concen: 0.065 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 76 Resp: 8783

Ion	Ratio	Lower	Upper
76	100		
44	46.6	14.3	21.5#
78	14.3	7.8	11.6#

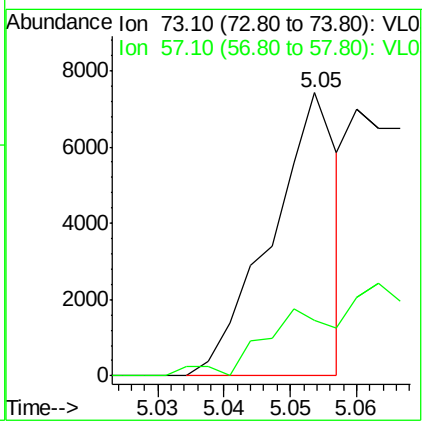


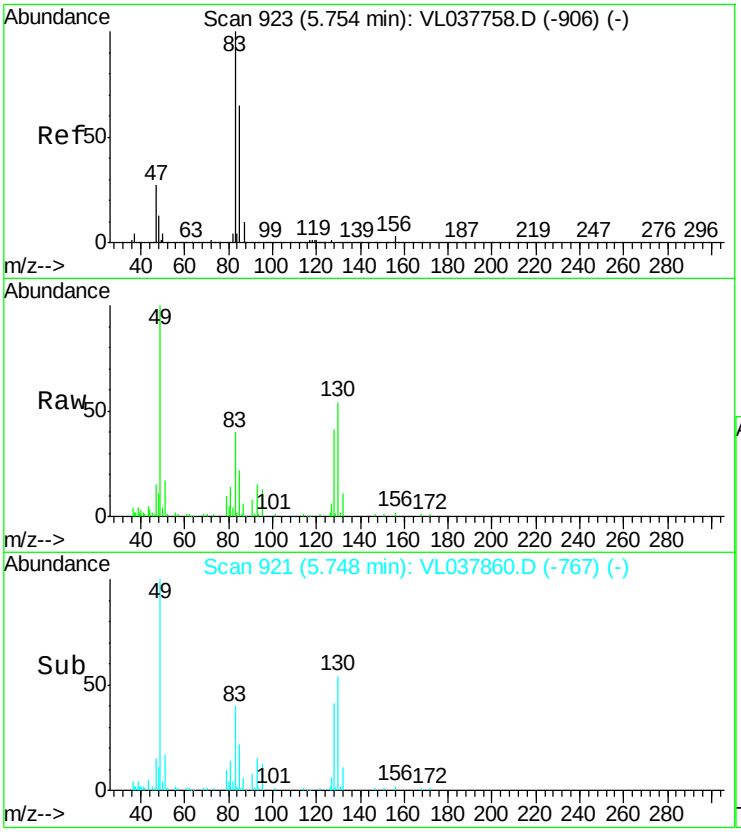


#28
Methyl tert-Butyl Ether
Concen: 0.041 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.02 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 73 Resp: 5201

Ion	Ratio	Lower	Upper
73	100		
57	0.0	20.4	30.6#



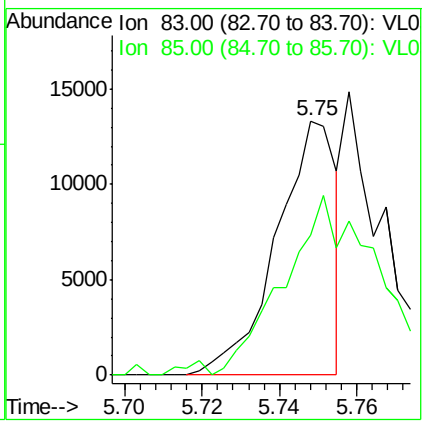


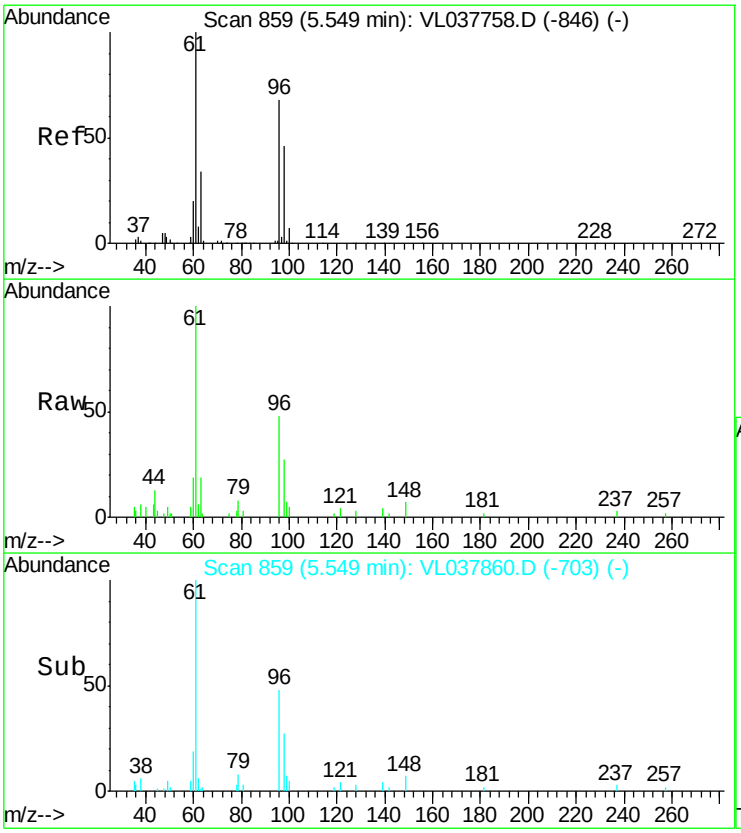
#29
Chloroform
Concen: 0.065 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 83 Resp: 14154

Ion	Ratio	Lower	Upper
83	100		
85	52.1	51.8	77.8

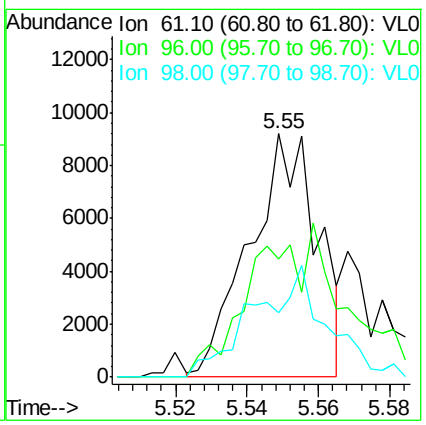


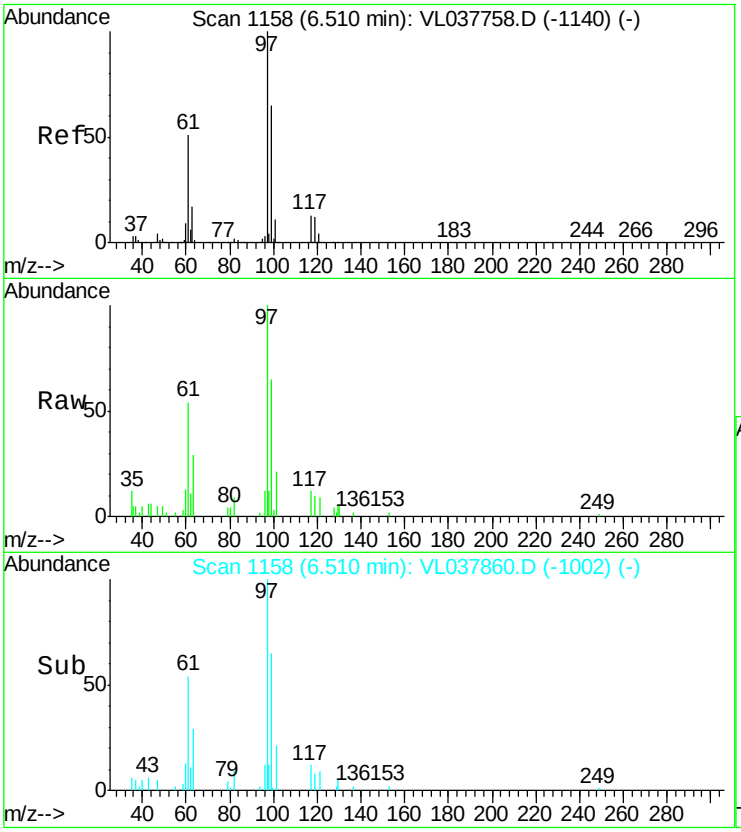


#31
cis-1,2-Dichloroethene
Concen: 0.087 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 61 Resp: 12114

Ion	Ratio	Lower	Upper
61	100		
96	49.4	54.2	81.2#
98	27.2	36.6	54.8#



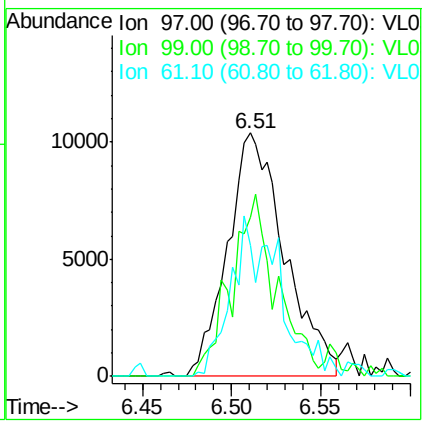


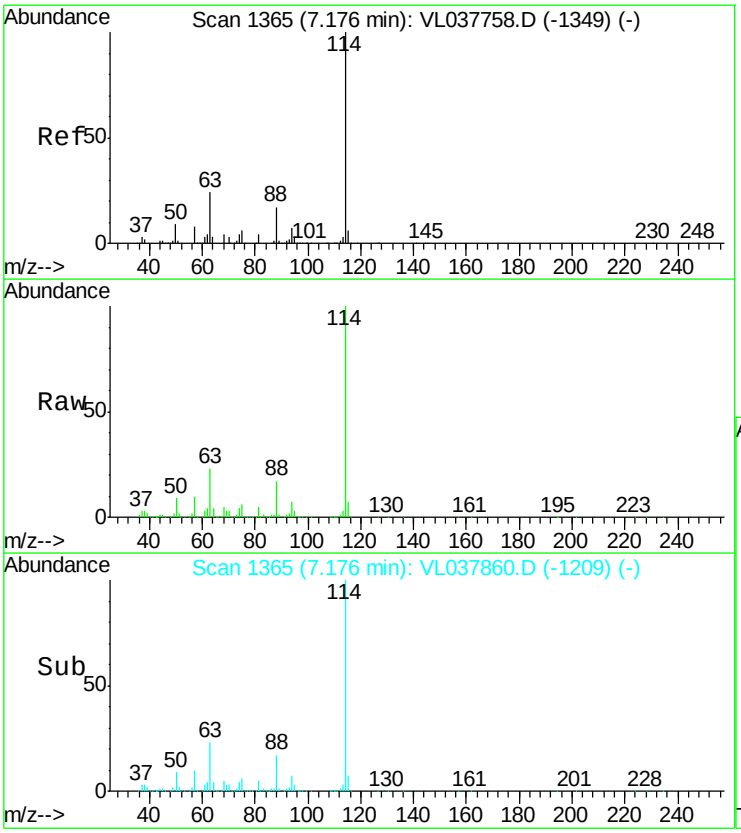
#32
1,1,1-Trichloroethane
Concen: 0.112 ppbv
RT: 6.51
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 97 Resp: 23272

Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.6	78.8
61	58.0	40.2	60.4

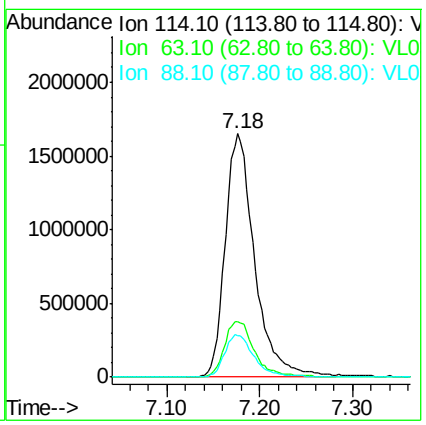


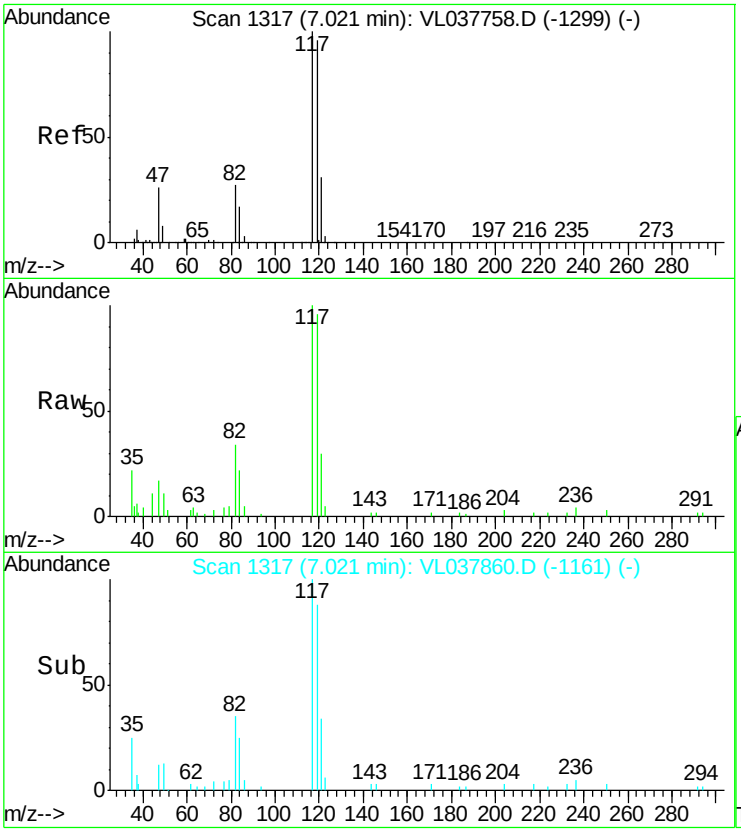


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:114 Resp: 3633750

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.7	14.4	21.6



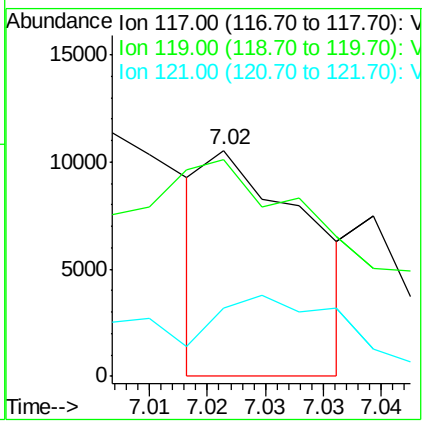


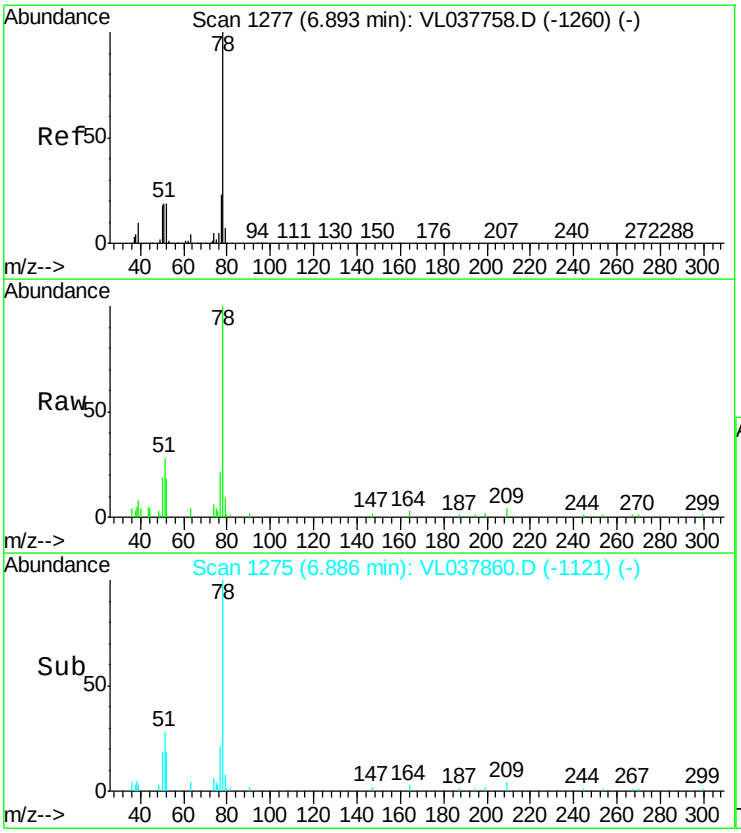
#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:117 Resp: 6374

Ion	Ratio	Lower	Upper
117	100		
119	84.4	76.5	114.7
121	42.8	24.9	37.3#

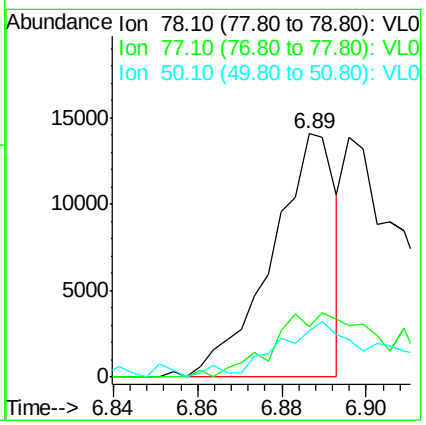


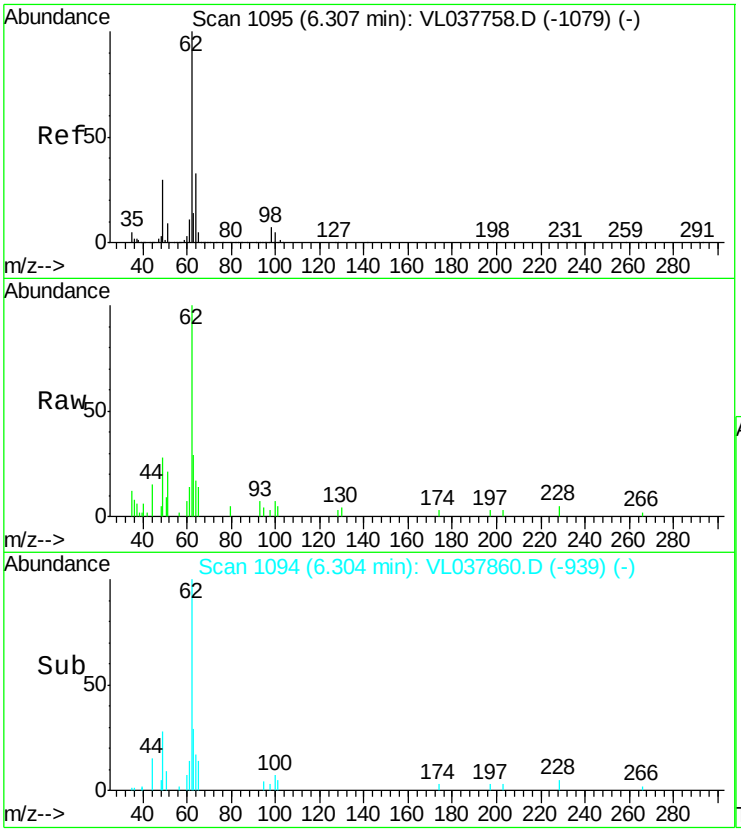


#36
Benzene
Concen: 0.047 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 78 Resp: 14701

Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.8	28.2
50	19.0	14.7	22.1



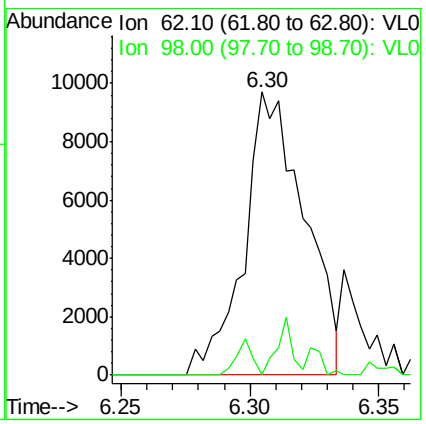


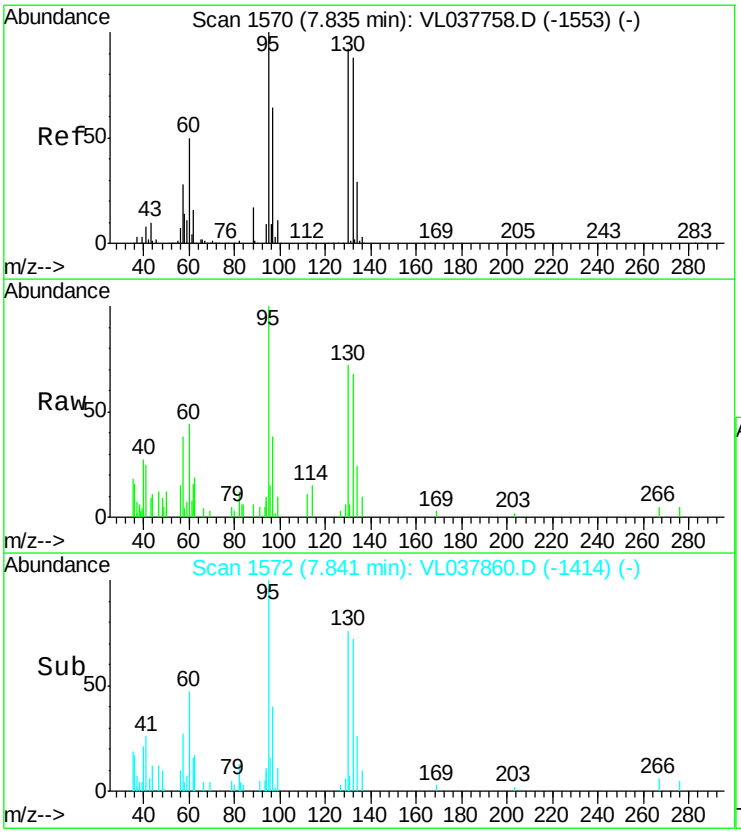
#37
1,2-Dichloroethane
Concen: 0.108 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 62 Resp: 15828

Ion	Ratio	Lower	Upper
62	100		
98	12.2	6.1	9.1#

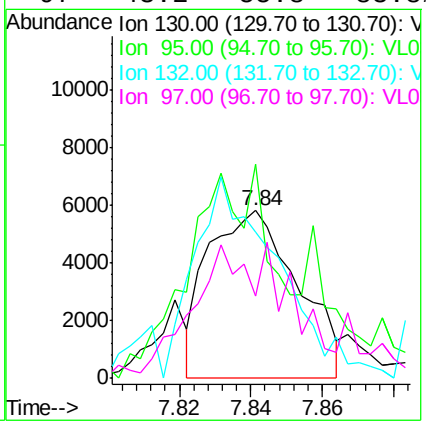


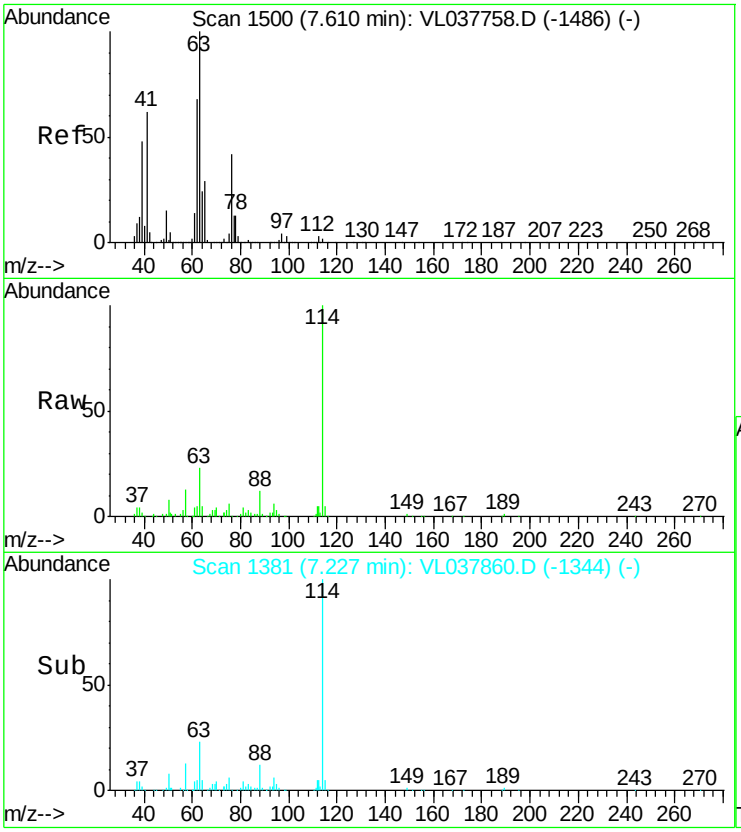


#38
Trichloroethene
Concen: 0.082 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:130 Resp: 10073

Ion	Ratio	Lower	Upper
130	100		
95	135.0	87.4	131.0#
132	80.1	76.8	115.2
97	43.2	55.8	83.8#



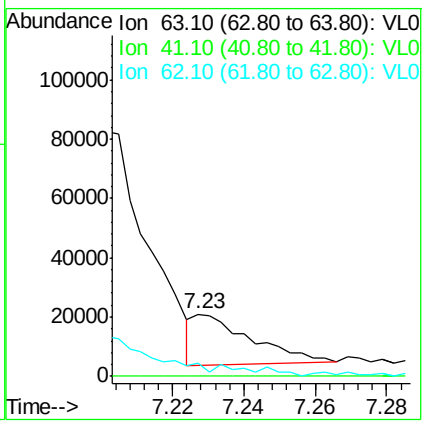


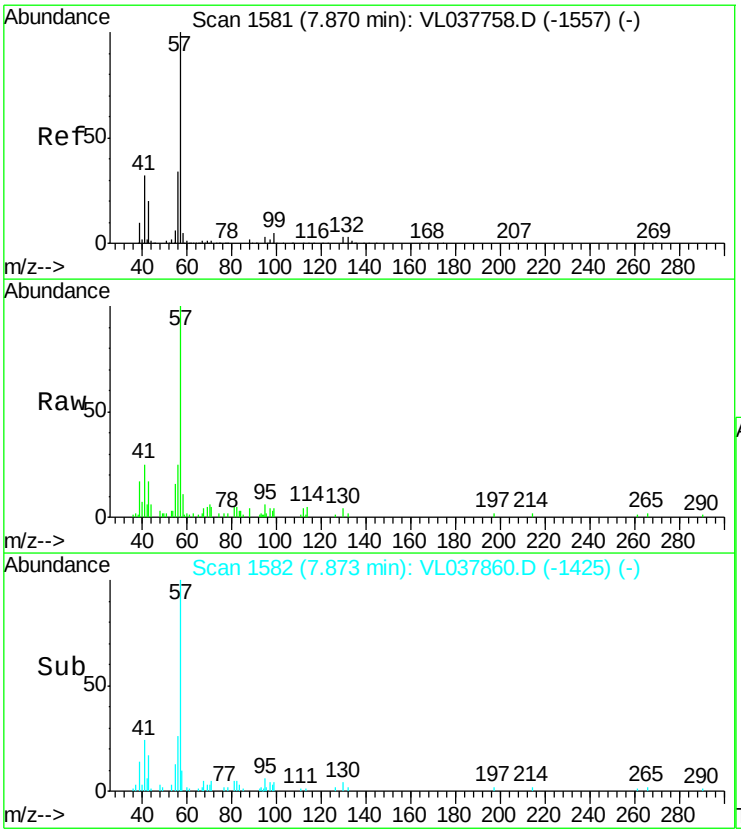
#39
1,2-Dichloropropane
Concen: 0.162 ppbv
RT: 7.23
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 63 Resp: 18862

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	25.0	54.6	82.0#

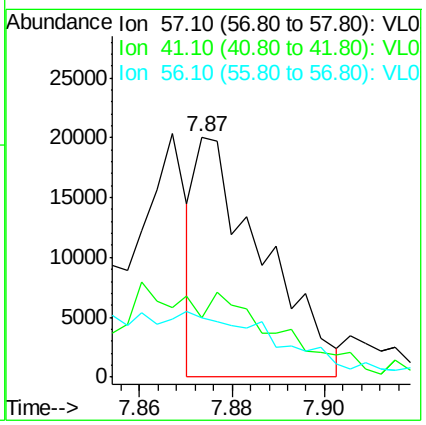


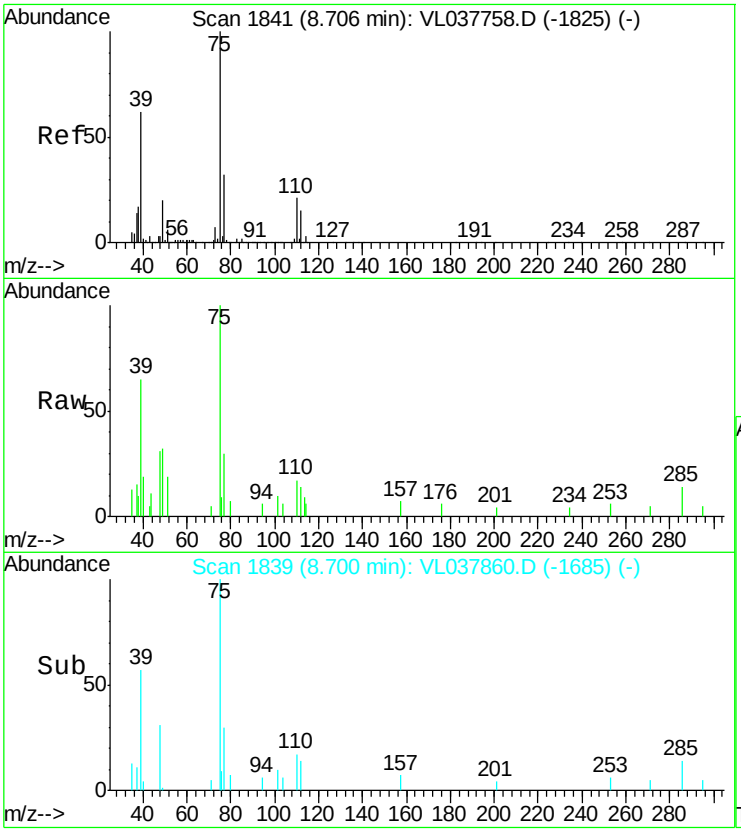


#44
2,2,4-Trimethylpentane
Concen: 0.038 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 57 Resp: 20000

Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.6	38.4#
56	76.6	25.5	38.3#



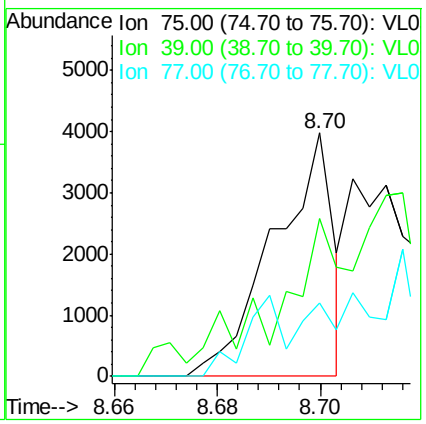


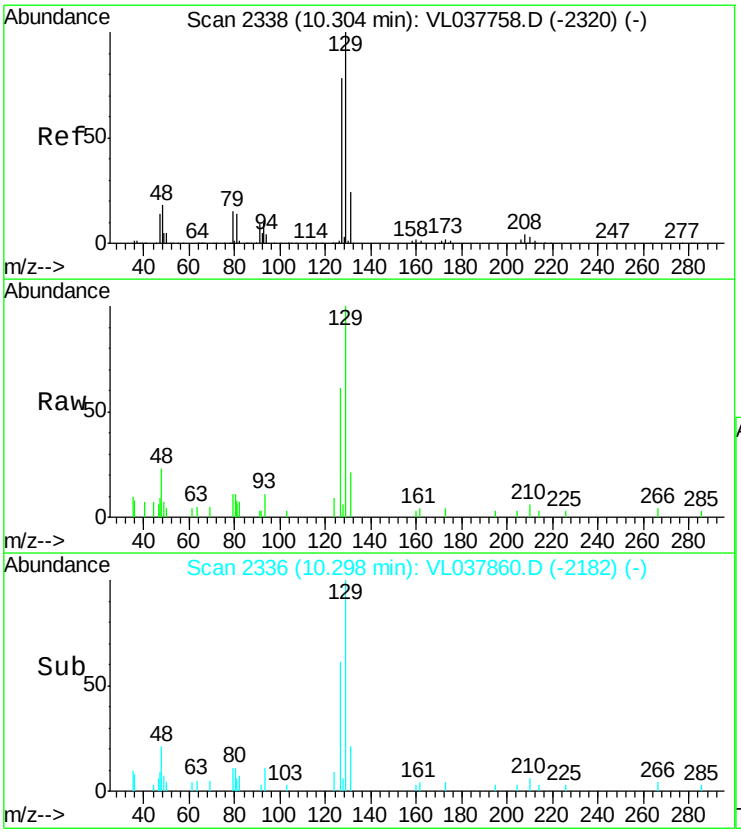
#46
cis-1,3-Dichloropropene
Concen: 0.033 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 75 Resp: 3156

Ion	Ratio	Lower	Upper
75	100		
39	59.1	49.9	74.9
77	30.1	25.9	38.9

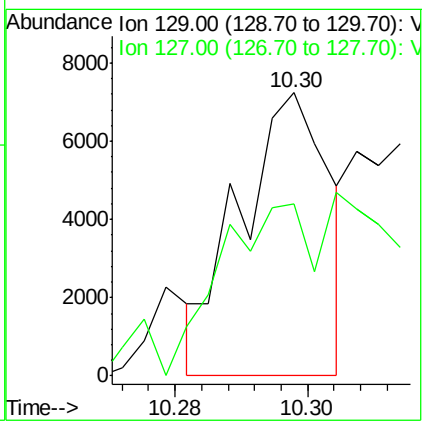


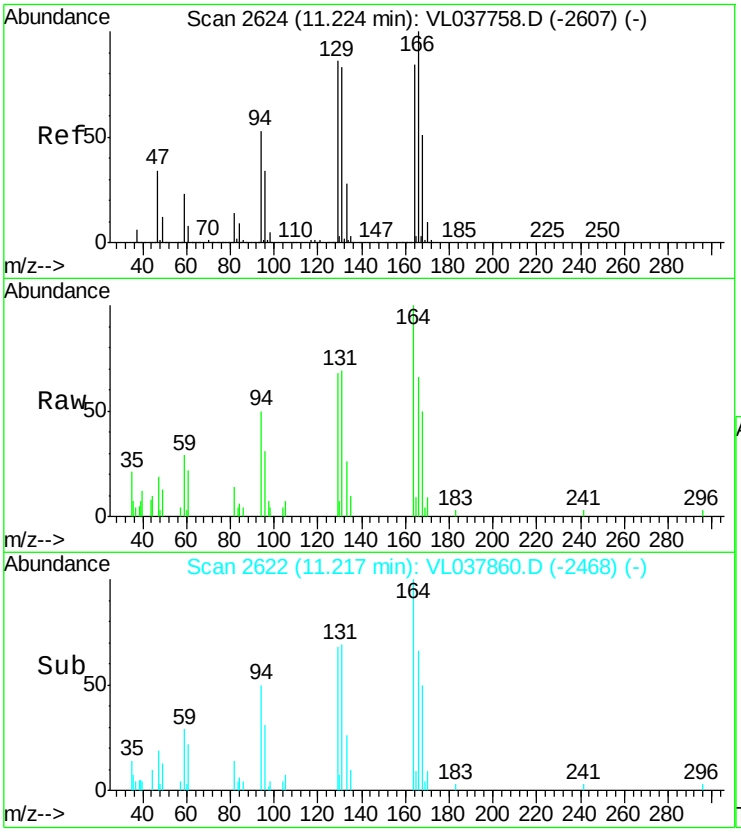


#48
Dibromochloromethane
Concen: 0.037 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. -0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:129 Resp: 6726

Ion	Ratio	Lower	Upper
129	100		
127	159.0	39.5	118.5#



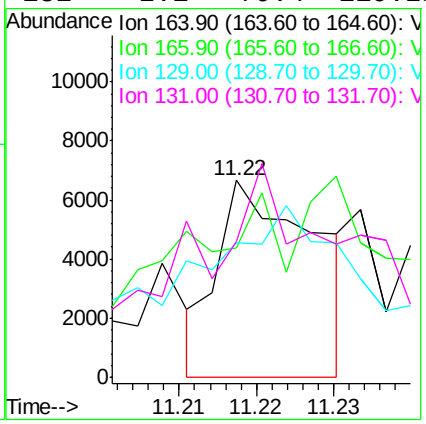


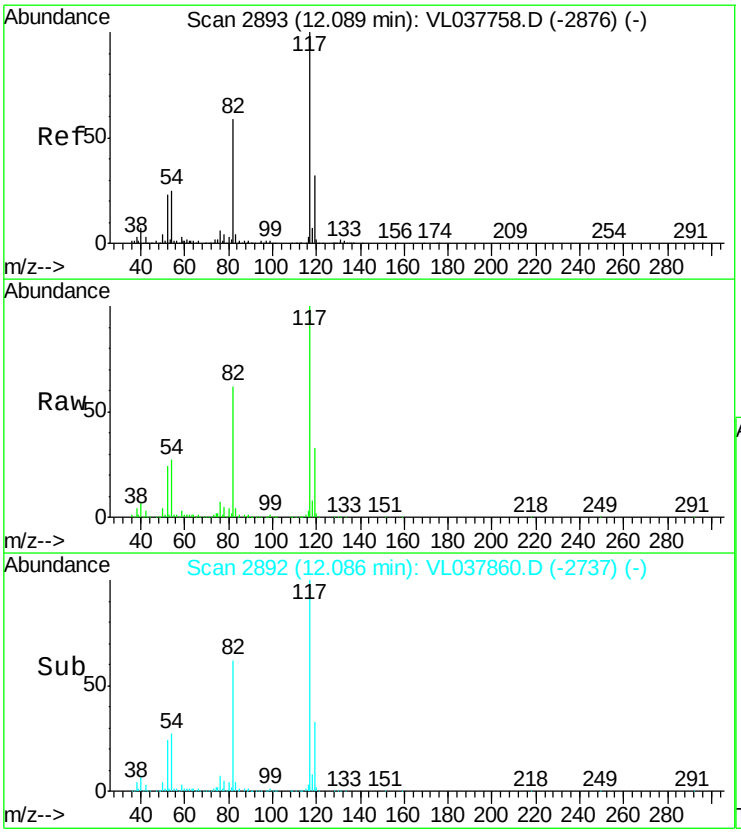
#52
Tetrachloroethene
Concen: 0.048 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:164 Resp: 5790

Ion	Ratio	Lower	Upper
164	100		
166	0.0	95.4	143.2#
129	14.0	82.2	123.4#
131	2.1	79.4	119.2#

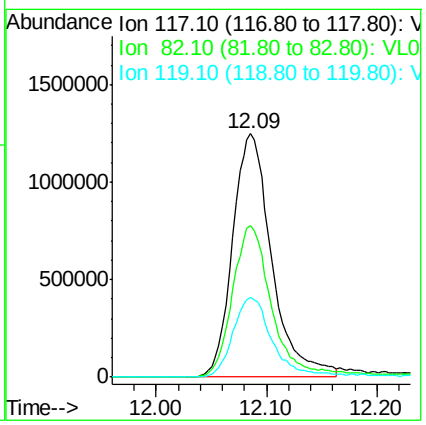


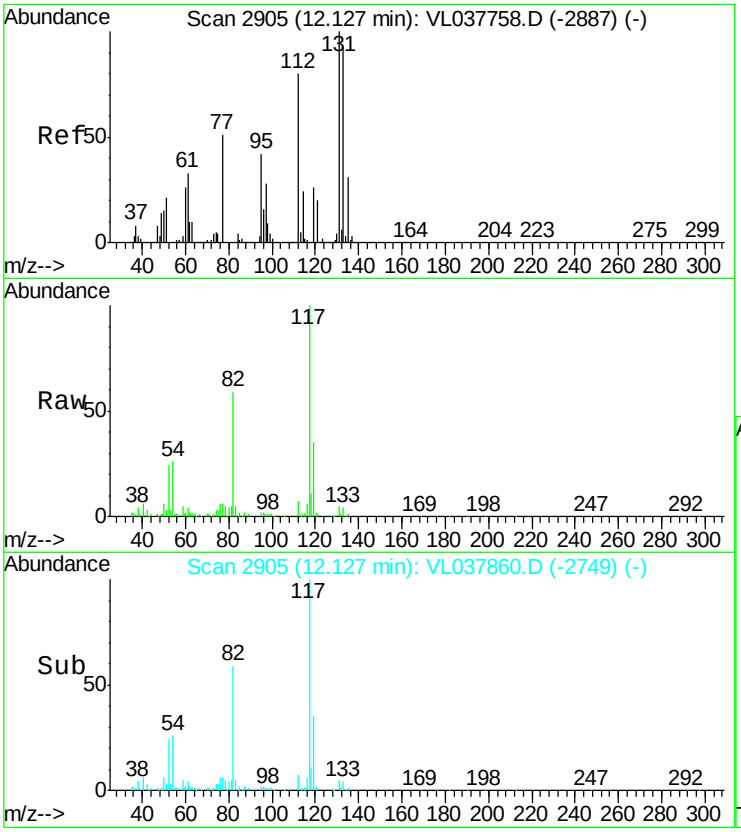


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:117 Resp: 3071669

Ion	Ratio	Lower	Upper
117	100		
82	65.7	52.2	78.2
119	34.3	26.0	39.0



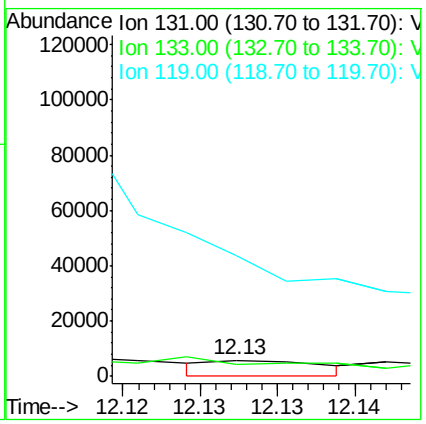


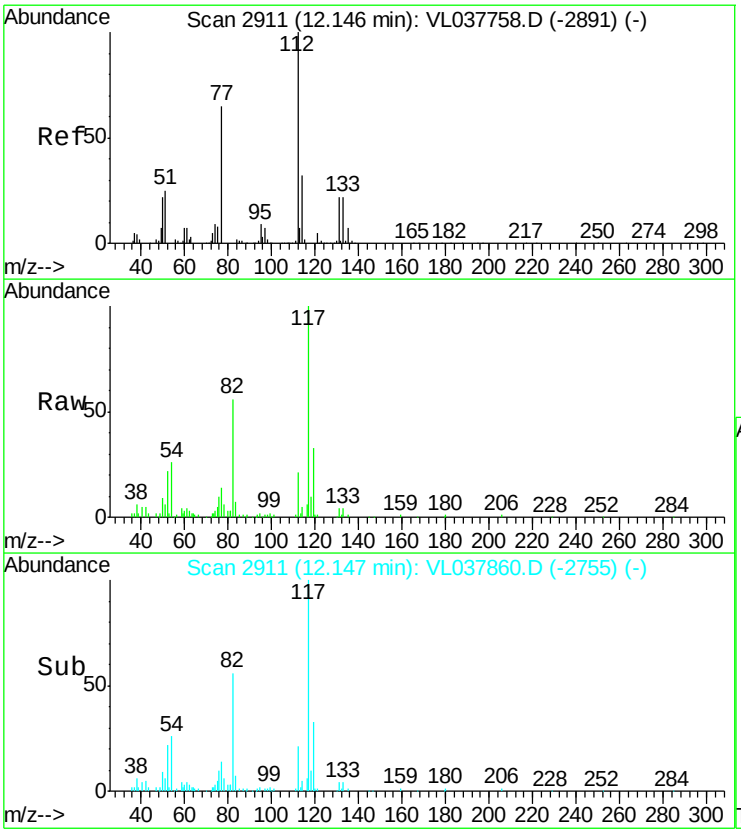
#56
1,1,1,2-Tetrachloroethane
Concen: 0.023 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:131 Resp: 2880

Ion	Ratio	Lower	Upper
131	100		
133	494.9	78.5	117.7#
119	0.0	51.7	77.5#

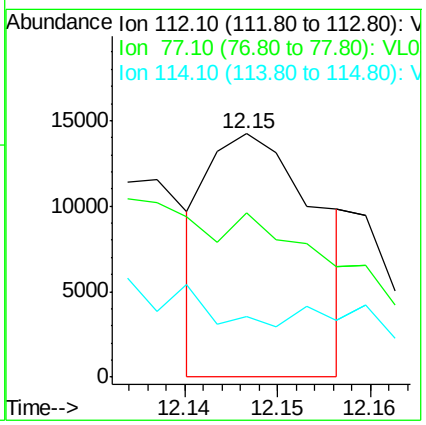


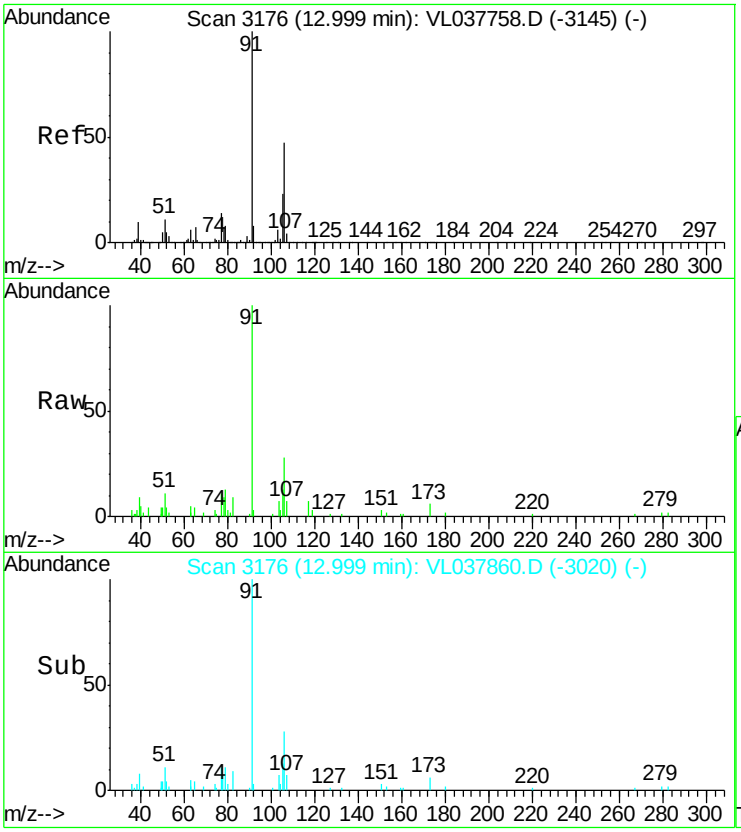


#57
Chlorobenzene
Concen: 0.046 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:112 Resp: 11639

Ion	Ratio	Lower	Upper
112	100		
77	72.3	51.8	77.8
114	6.4	28.8	35.2#



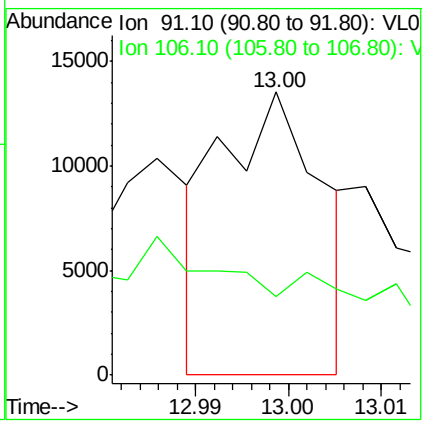


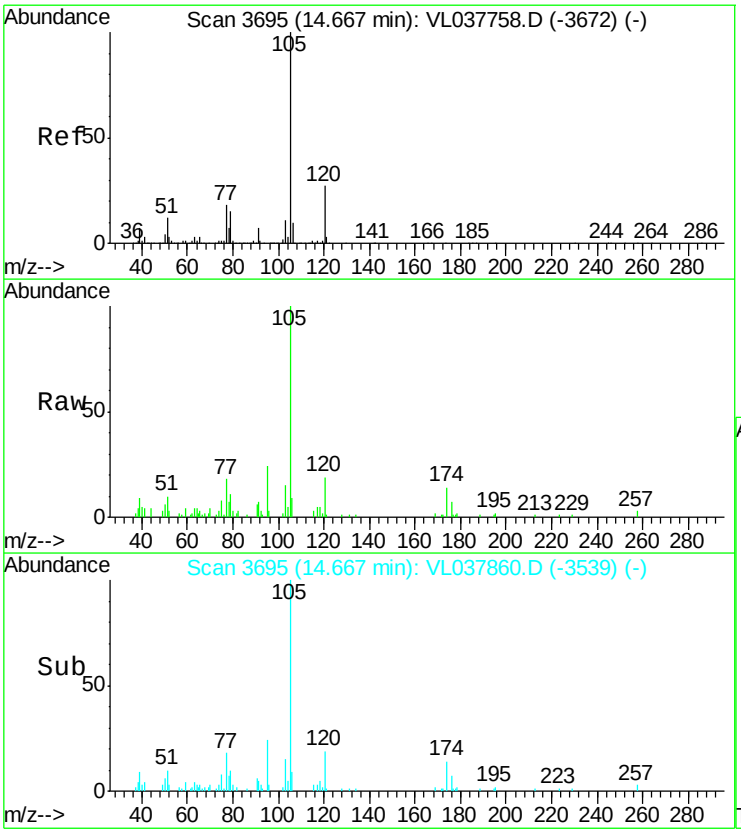
#59
m/p-Xylene
Concen: 0.029 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 91 Resp: 10274

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.7	55.1#

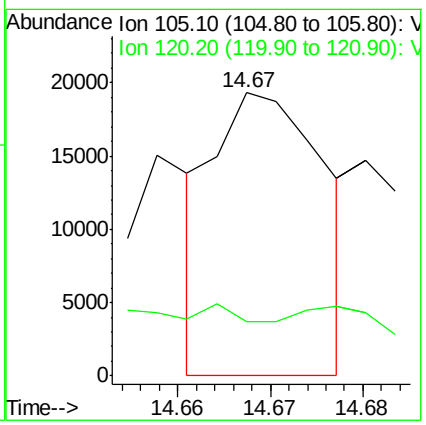


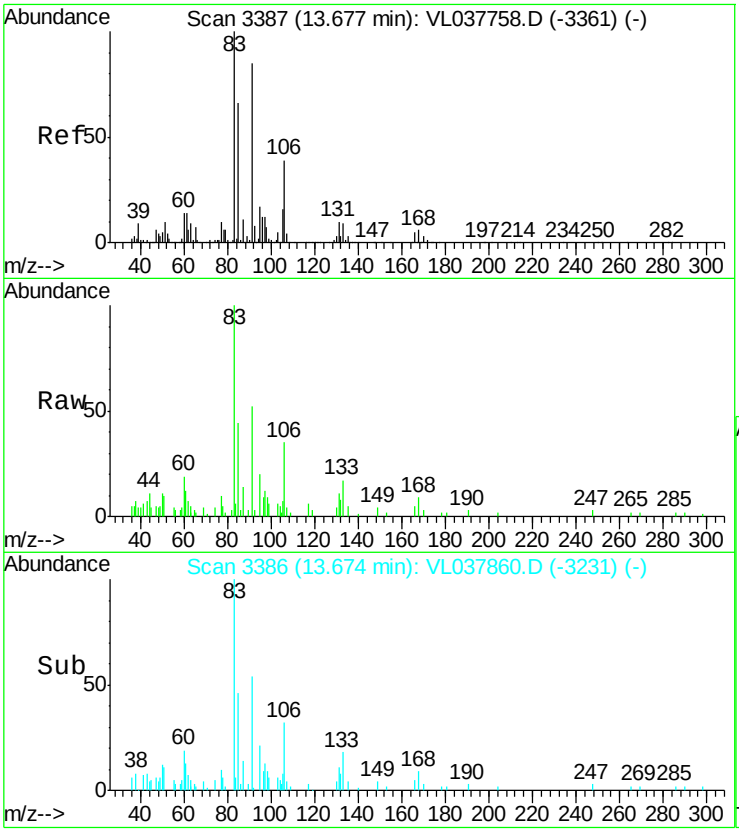


#62
Isopropylbenzene
Concen: 0.034 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:105 Resp: 15868

Ion	Ratio	Lower	Upper
105	100		
120	80.8	21.3	31.9#



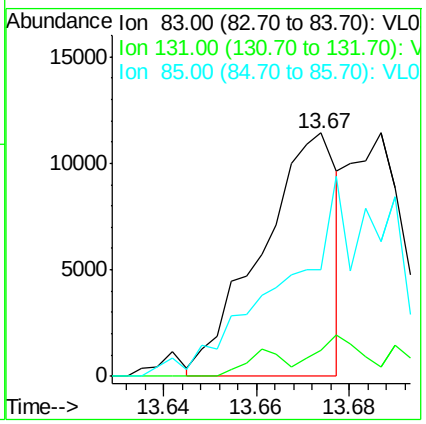


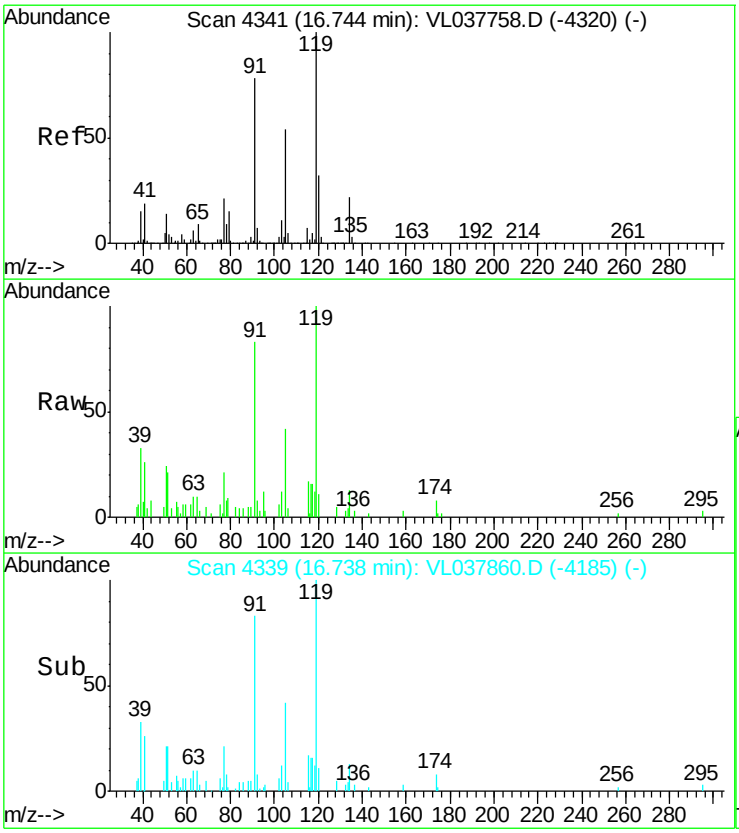
#63
1,1,2,2-Tetrachloroethane
Concen: 0.049 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 83 Resp: 12945

Ion	Ratio	Lower	Upper
83	100		
131	25.1	5.0	15.0#
85	151.2	33.1	99.5#

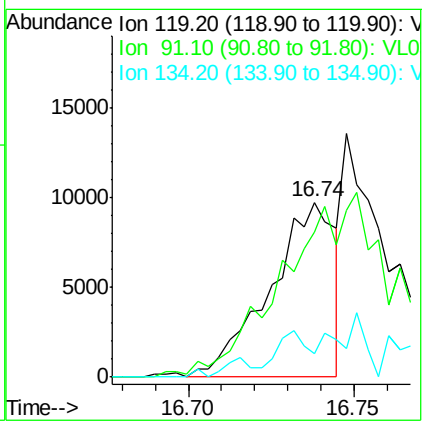


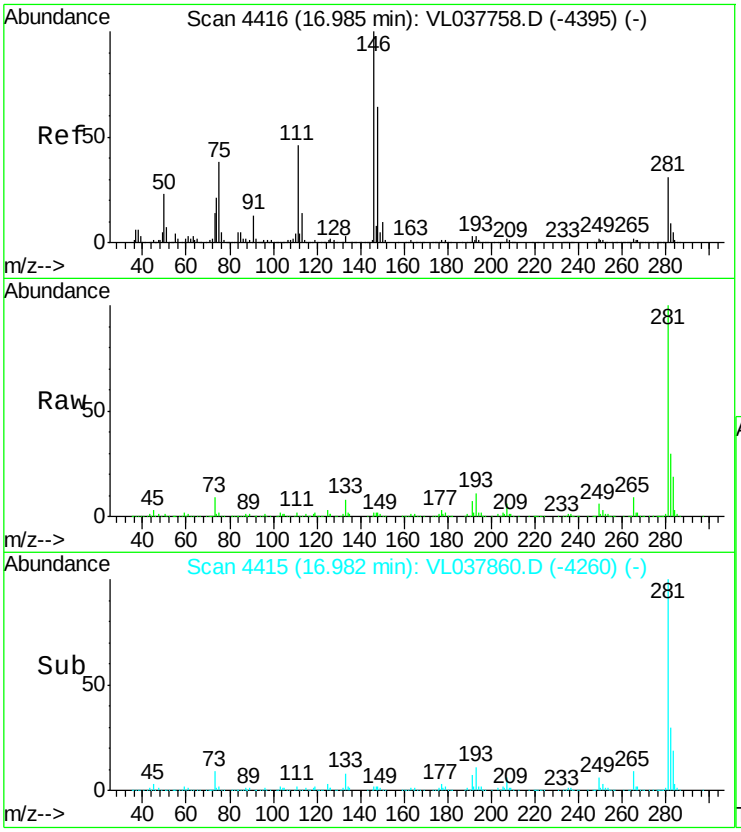


#65
tert-Butylbenzene
Concen: 0.032 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:119 Resp: 13248

Ion	Ratio	Lower	Upper
119	100		
91	0.0	62.6	94.0#
134	0.0	16.3	24.5#



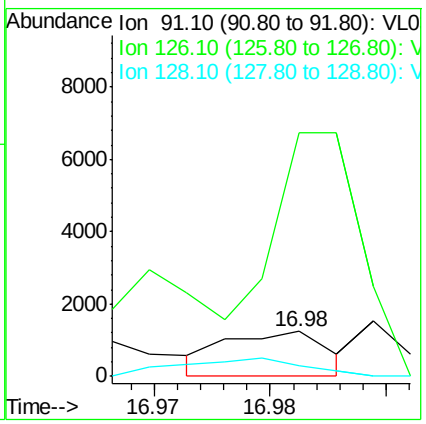


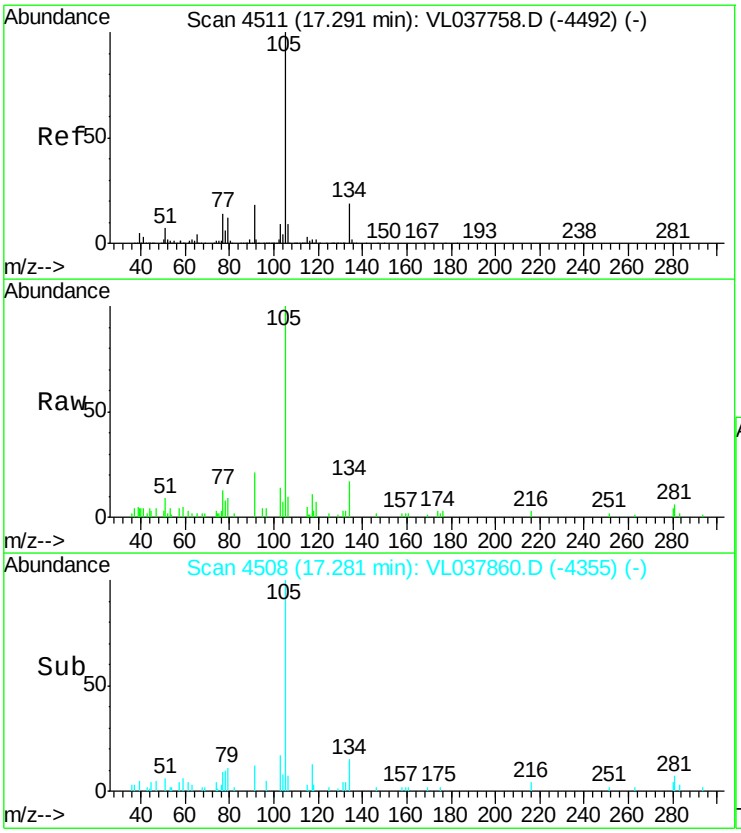
#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 91 Resp: 751

Ion	Ratio	Lower	Upper
91	100		
126	967.8	0.0	0.0#
128	51.3	5.3	7.9#

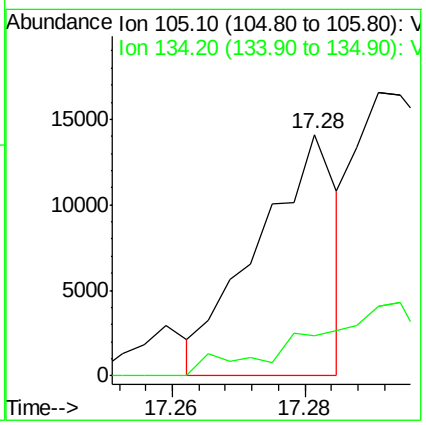


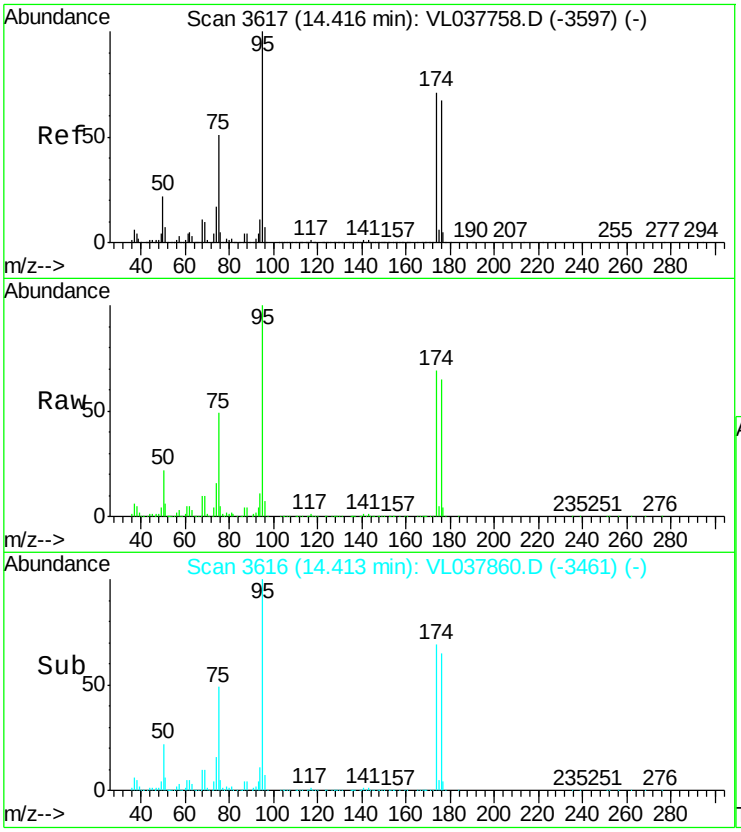


#67
sec-Butylbenzene
Concen: 0.020 ppbv
RT: 17.28 min Scan# 4508
Delta R.T. -0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:105 Resp: 11674

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.4	23.0#



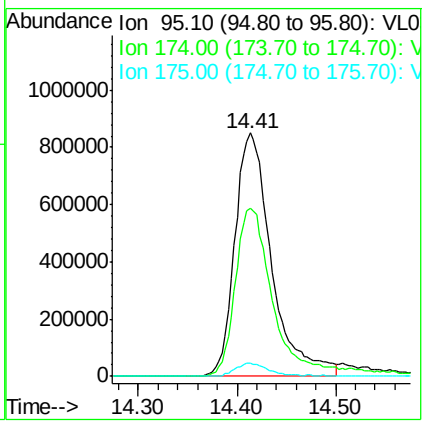


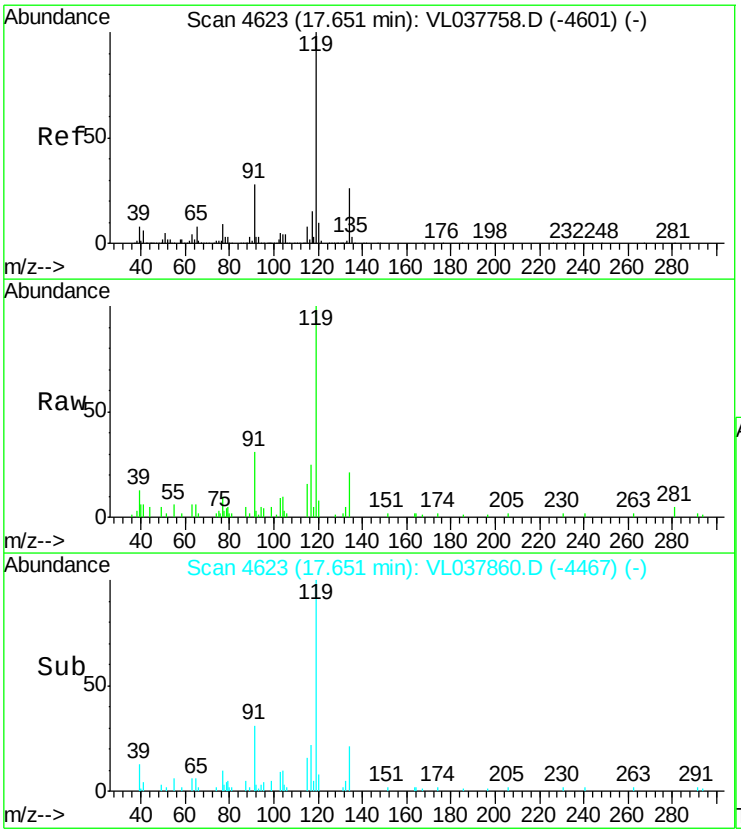
#68
1-Bromo-4-Fluorobenzene
Concen: 10.228 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 95 Resp: 2197088

Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.8	86.6
175	5.3	4.7	7.1

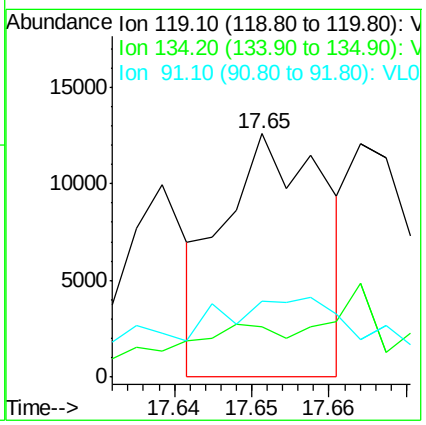


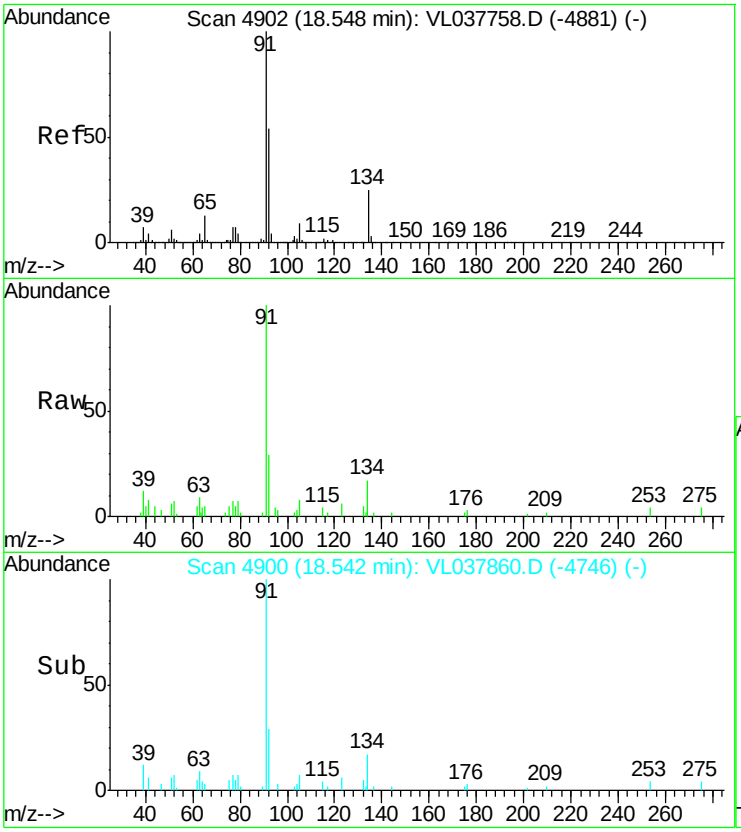


#69
p-Isopropyltoluene
Concen: 0.025 ppbv
RT: 17.65 min Scan# 4623
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:119 Resp: 11370

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	0.0	22.2	33.4#



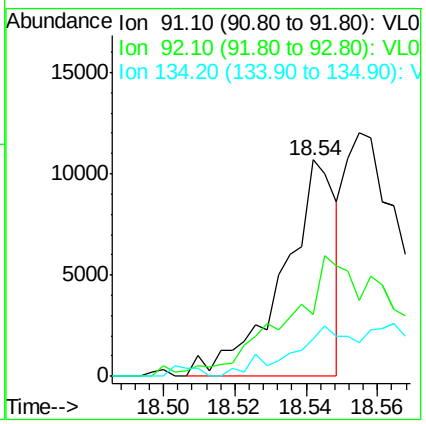


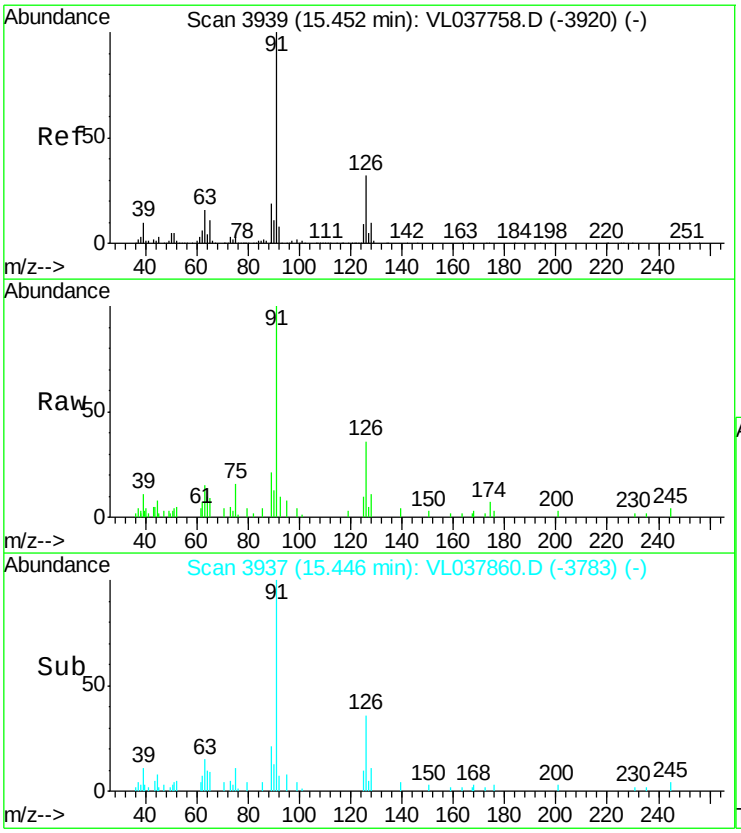
#70
n-Butylbenzene
Concen: 0.025 ppbv
RT: 18.54
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion: 91 Resp: 11027

Ion	Ratio	Lower	Upper
91	100		
92	136.1	43.4	65.0#
134	0.0	19.8	29.6#

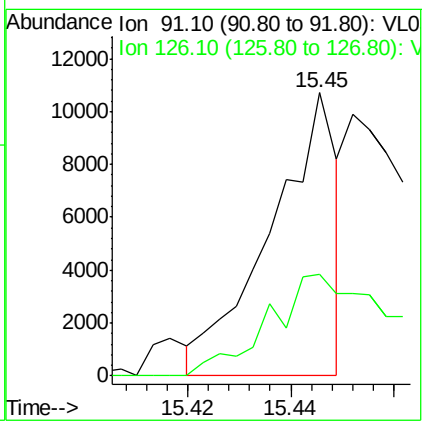


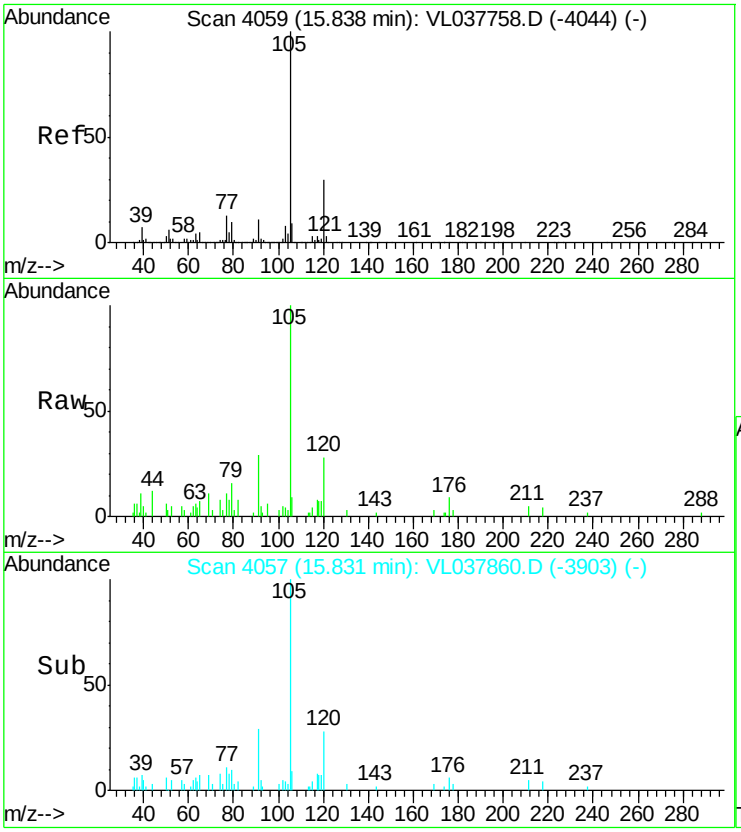


#71
2-Chlorotoluene
Concen: 0.029 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. -0.01 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion: 91 Resp: 9545

Ion	Ratio	Lower	Upper
91	100		
126	87.9	13.6	54.6#



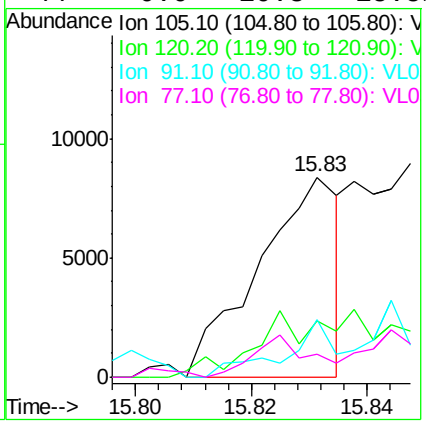


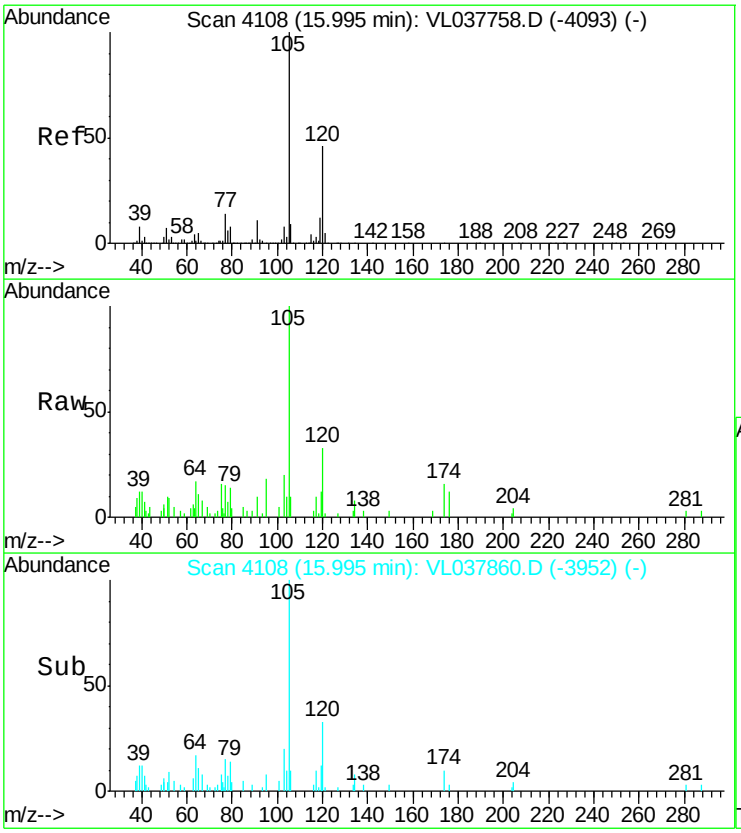
#72
4-Ethyltoluene
Concen: 0.021 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:105 Resp: 8136

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.2#
91	0.0	10.4	15.6#
77	0.0	10.3	15.5#

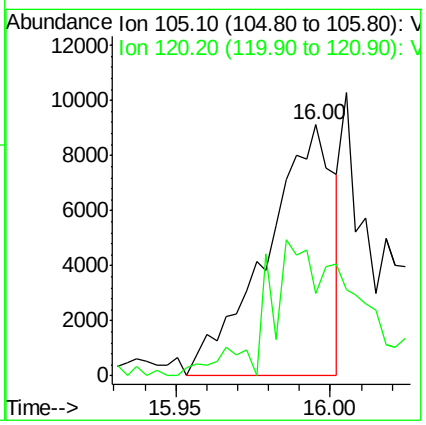


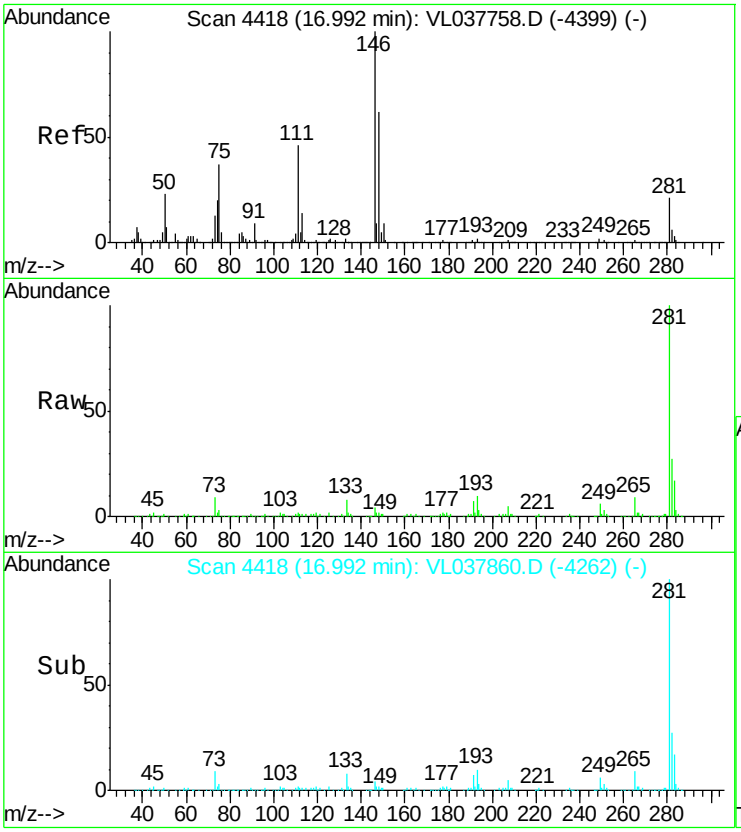


#73
1,3,5-Trimethylbenzene
Concen: 0.039 ppbv
RT: 16.00 min Scan# 4108
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:105 Resp: 13777

Ion	Ratio	Lower	Upper
105	100		
120	29.8	36.6	54.8#



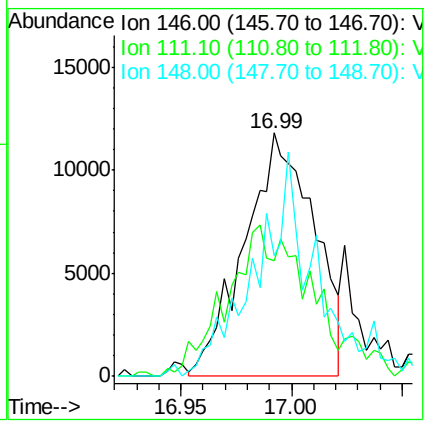


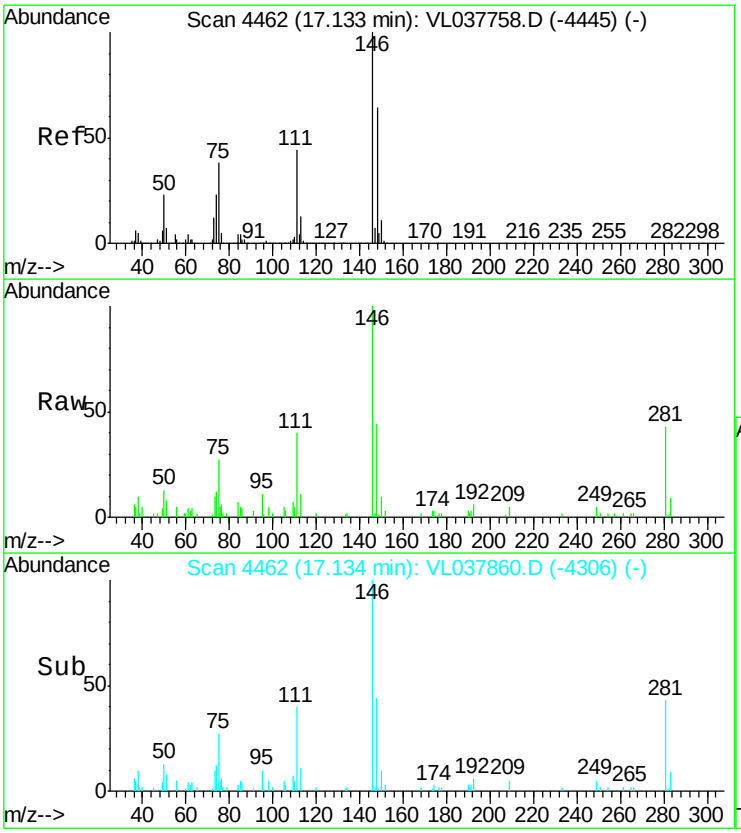
#75
1,3-Dichlorobenzene
Concen: 0.113 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:146 Resp: 25833

Ion	Ratio	Lower	Upper
146	100		
111	78.8	22.8	68.4#
148	79.2	32.8	98.3

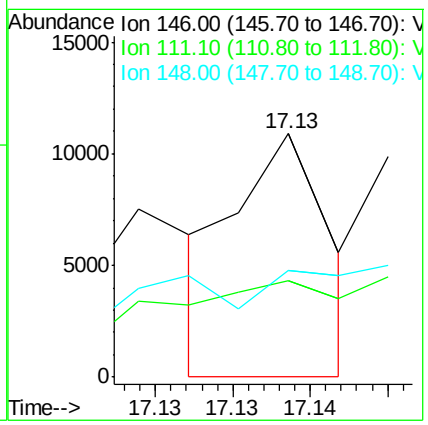


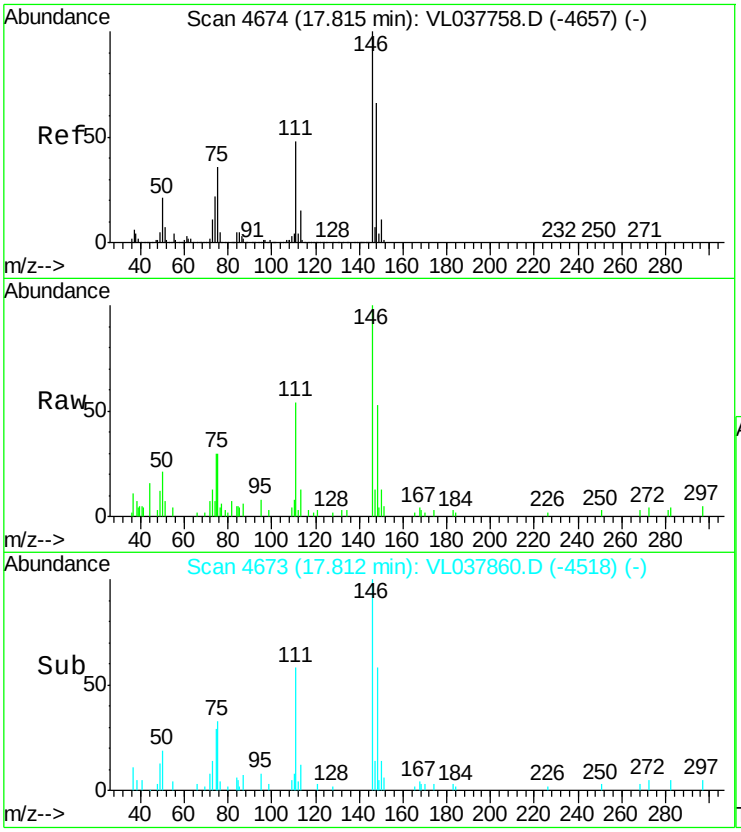


#76
1,4-Dichlorobenzene
Concen: 0.021 ppbv
RT: 17.13 min Scan# 4462
Delta R.T. 0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:146 Resp: 4584

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



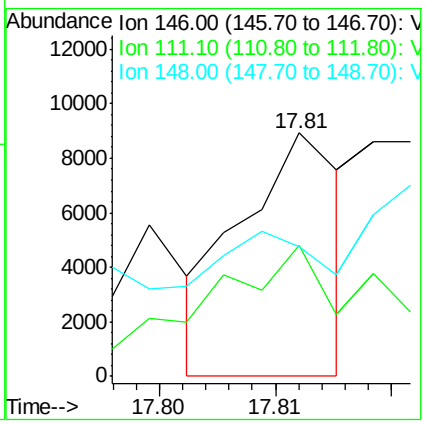


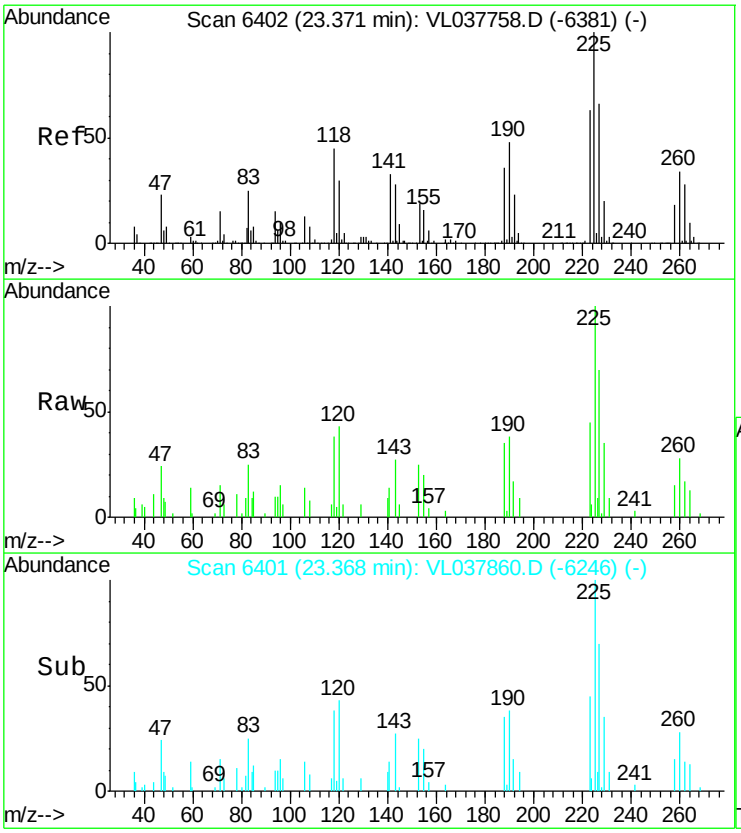
#77
1,2-Dichlorobenzene
Concen: 0.025 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 18 Oct 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2021

Tgt Ion:146 Resp: 5379

Ion	Ratio	Lower	Upper
146	100		
111	183.6	23.6	70.8#
148	0.0	32.9	98.6#





#78
Hexachloro-1,3-Butadiene
Concen: 0.065 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. -0.00 min
Lab File: VL037860.D
Acq: 18 Oct 2021 20:01

Tgt Ion:225 Resp: 11531

Ion	Ratio	Lower	Upper
225	100		
223	136.4	51.2	76.8#
227	129.0	51.1	76.7#