Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038601.D
Acq On : 14 Mar 2022 18:15
Operator : SY/AP
Sample : N1645-13 0.1 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Quant Time: Mar 15 01:39:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	792970	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.15	114	1966085	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.06	117	1709449	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1283721	9.88	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	20096	0.17	ppbv		97
3) Chlorodifluoromethane	2.98	51	17210	0.12	ppbv		97
4) Chloromethane	3.13	50	6918	0.13	ppbv		100
5) Vinyl Chloride	3.25	62	5157	0.10	ppbv	#	81
7) Chloroethane	3.54	64	1031	0.06	ppbv	#	88
8) Dichlorotetrafluoroethane	3.18	85	15077	0.13	ppbv		97
9) Propene	3.00	41	4375	0.09	ppbv	#	22
10) Heptane	8.10	43	4996	0.04	ppbv	#	26
11) Trichlorofluoromethane	3.93	101	11514	0.11	ppbv		87
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5060	0.06	ppbv	#	1
13) Ethanol	3.61	45	215	0.04	ppbv	#	34
14) Bromoethene	3.73	108	3229	0.09	ppbv	#	64
15) Acetone	3.87	43	6464	0.12	ppbv	#	61
16) 1,3-Butadiene	3.32	39	4416	0.10	ppbv	#	78
17) tert-Butyl alcohol	4.31	59	2282	0.04	ppbv	#	54
18) 1,1-Dichloroethene	4.28	96	2083	0.06	ppbv		92
19) Isopropyl Alcohol	3.99	45	2439	0.07	ppbv	#	94
20) Methylene Chloride	4.33	84	5285	0.16	ppbv	#	85
21) Allyl Chloride	4.39	41	3400	0.06	ppbv	#	6
22) trans-1,2-Dichloroethene	4.87	96	3219	0.08	ppbv	#	64
24) 1,1-Dichloroethane	4.99	63	8934	0.12	ppbv	#	88
25) Ethyl Acetate	5.67	43	9123	0.05	ppbv	#	75
26) Hexane	5.66	57	4713	0.05	ppbv	#	1
28) Methyl tert-Butyl Ether	5.03	73	3200	0.04	ppbv	#	52
29) Chloroform	5.72	83	17042	0.12	ppbv		93
30) Cyclohexane	7.10	84	3861	0.05	ppbv	#	1
31) cis-1,2-Dichloroethene	5.53	61	8245	0.10	ppbv	#	74
32) 1,1,1-Trichloroethane	6.48	97	9483	0.07	ppbv	#	47
35) Carbon Tetrachloride	6.99	117	8196	0.06	ppbv		97
36) Benzene	6.86	78	17673	0.10	ppbv	#	94
37) 1,2-Dichloroethane	6.29	62	4782	0.06	ppbv	#	79
38) Trichloroethene	7.81	130	3842	0.05	ppbv	#	74
39) 1,2-Dichloropropane	7.15	63	465301	6.82	ppbv	#	27
42) Bromodichloromethane	7.76	83	8418	0.06	ppbv	#	75
44) 2,2,4-Trimethylpentane	7.84	57	18223	0.06	ppbv	#	55
45) t-1,3-Dichloropropene	9.25	75	1556	0.04	ppbv	#	87
46) cis-1,3-Dichloropropene	8.67	75	2712	0.05	ppbv	#	54
47) 1,1,2-Trichloroethane	9.45	97	5260	0.08	ppbv	#	83
48) Dibromochloromethane	10.27	129	3984	0.04	ppbv	#	1
49) Bromoform	13.00	173	2672	0.03	ppbv	#	26
52) Tetrachloroethene	11.19	164	3819	0.06	ppbv	#	74

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038601.D
Acq On : 14 Mar 2022 18:15
Operator : SY/AP
Sample : N1645-13 0.1 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Quant Time: Mar 15 01:39:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Toluene	9.77	91	13322	0.07	ppbv		95
54) 1,2-Dibromoethane	10.57	107	4998	0.05	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.10	131	3314	0.05	ppbv	#	7
57) Chlorobenzene	12.11	112	14829	0.11	ppbv	#	74
58) Ethyl Benzene	12.68	91	17898	0.08	ppbv		90
59) m/p-Xylene	12.97	91	8650	0.05	ppbv	#	1
62) Isopropylbenzene	14.63	105	13797	0.06	ppbv	#	48
63) 1,1,2,2-Tetrachloroethane	13.64	83	7417	0.05	ppbv	#	1
65) tert-Butylbenzene	16.71	119	9104	0.04	ppbv	#	22
66) Benzyl Chloride	16.95	91	395	0.03	ppbv	#	66
67) sec-Butylbenzene	17.26	105	20584	0.07	ppbv		98
71) 2-Chlorotoluene	15.42	91	8738	0.05	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.96	105	10151	0.05	ppbv		90
74) 1,2,4-Trimethylbenzene	16.72	105	7371	0.04	ppbv		93
75) 1,3-Dichlorobenzene	16.97	146	7810	0.06	ppbv	#	44
77) 1,2-Dichlorobenzene	17.78	146	6177	0.05	ppbv	#	23
78) Hexachloro-1,3-Butadiene	23.33	225	5484	0.04	ppbv	#	18

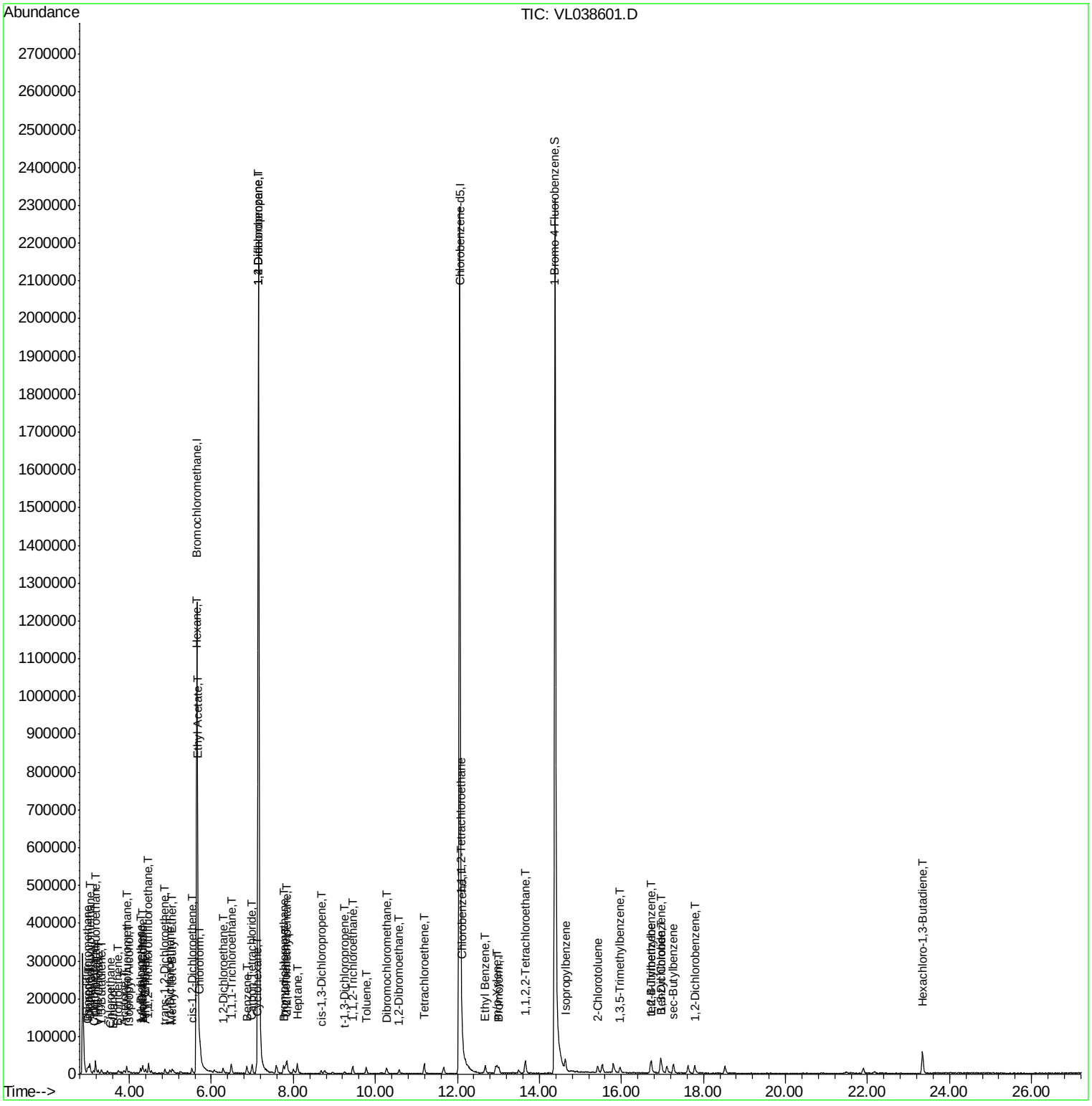
(#) = qualifier out of range (m) = manual integration (+) = signals summed

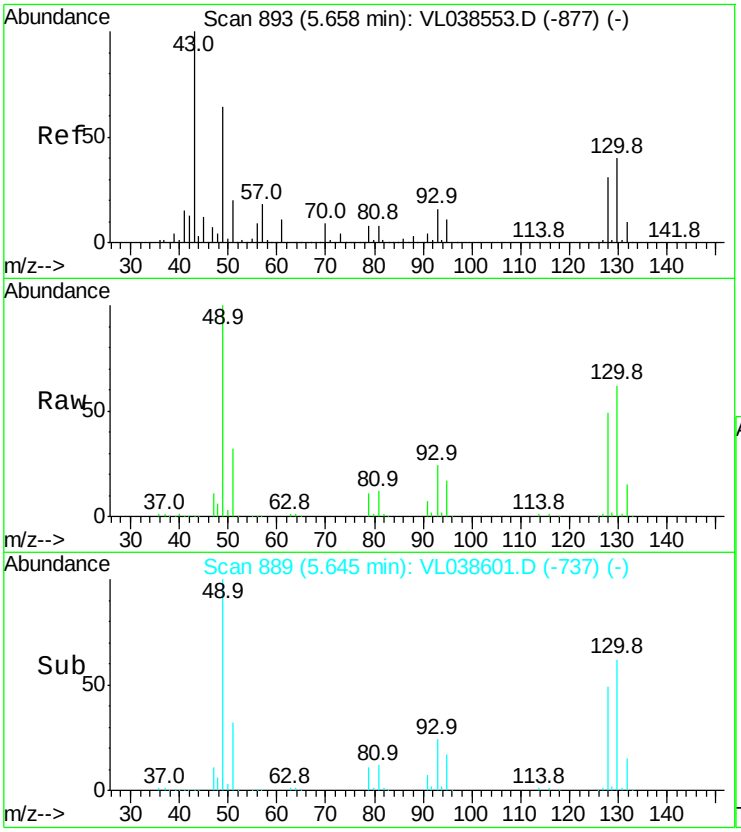
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038601.D
Acq On : 14 Mar 2022 18:15
Operator : SY/AP
Sample : N1645-13 0.1 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Quant Time: Mar 15 01:39:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



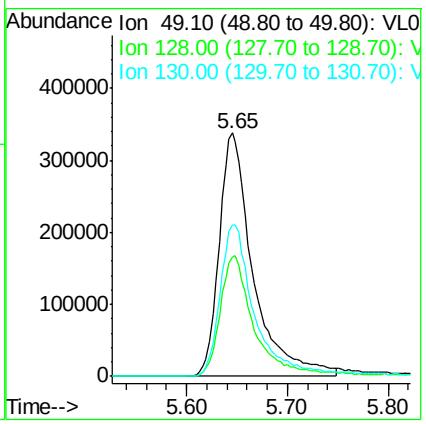


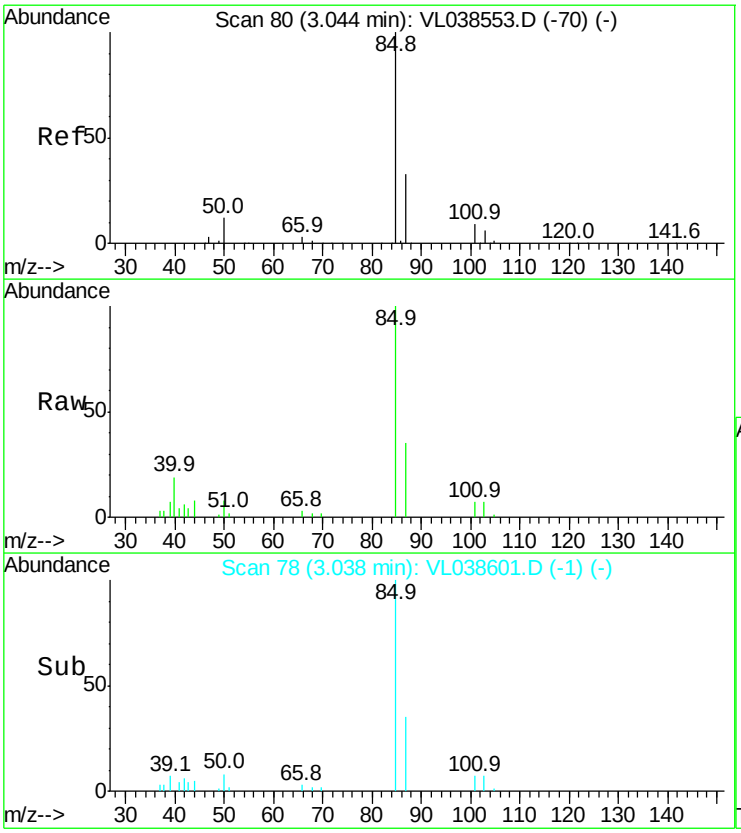
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 49 Resp: 792970

Ion	Ratio	Lower	Upper
49	100		
128	51.1	26.4	79.2
130	66.3	33.0	98.9

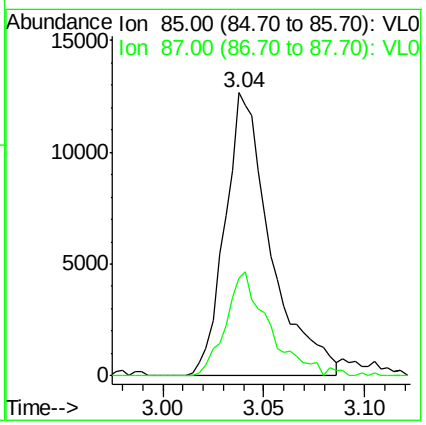


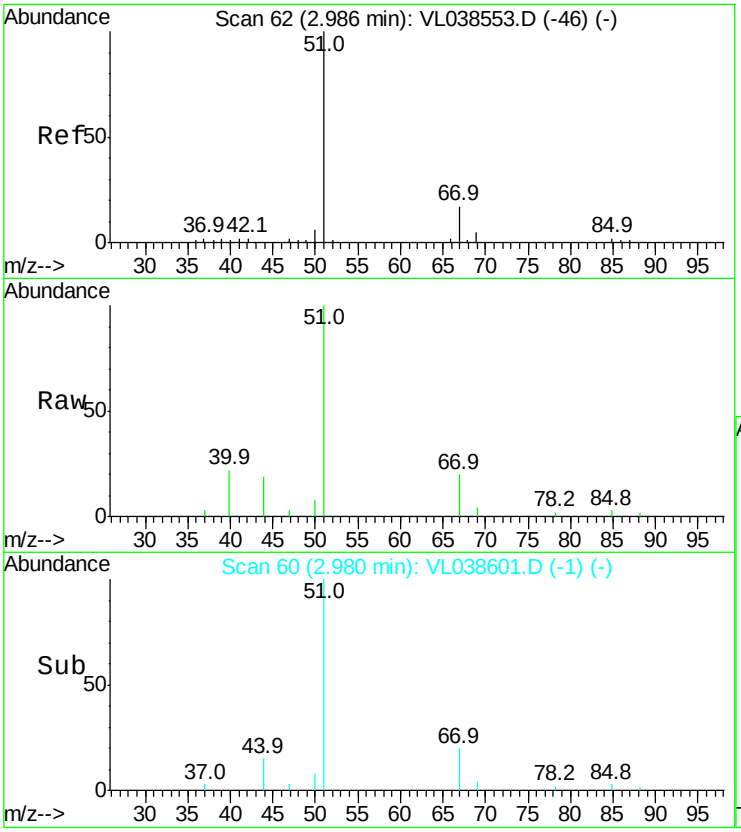


#2
Dichlorodifluoromethane
Concen: 0.17 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 85 Resp: 20096

Ion	Ratio	Lower	Upper
85	100		
87	34.5	26.2	39.2



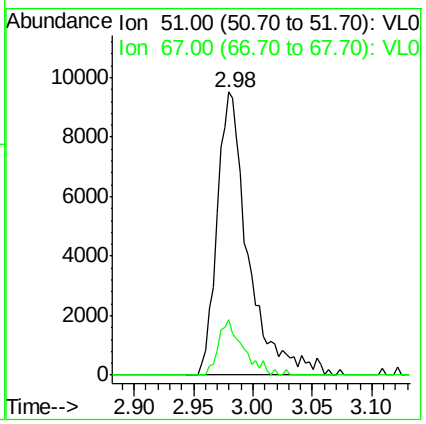


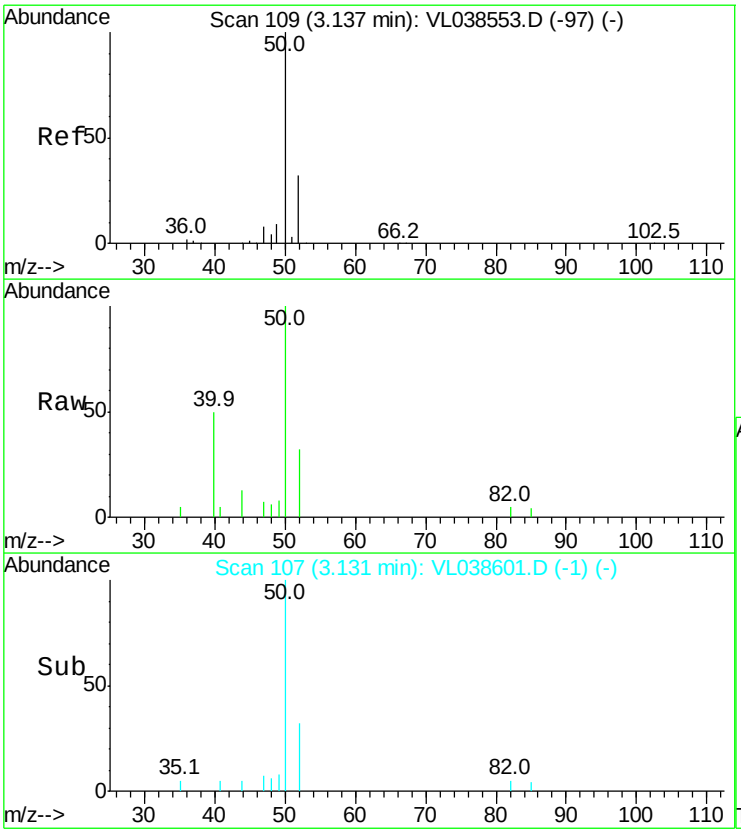
#3
Chlorodifluoromethane
Concen: 0.12 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 51 Resp: 17210

Ion	Ratio	Lower	Upper
51	100		
67	15.6	13.6	20.4

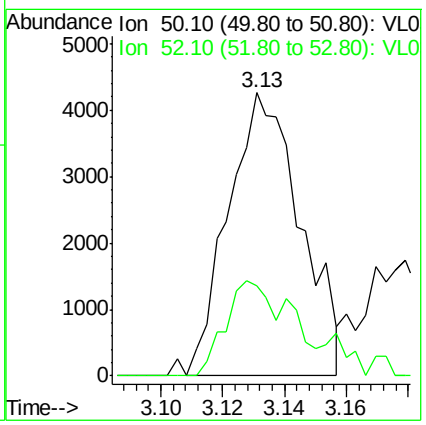


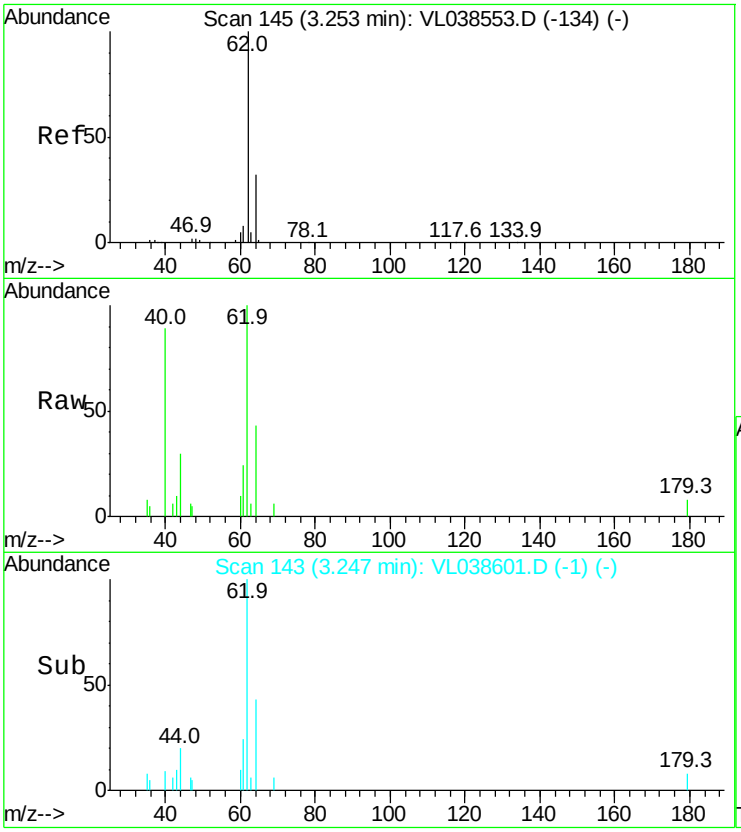


#4
Chloromethane
Concen: 0.13 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 50 Resp: 6918

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.6	38.4



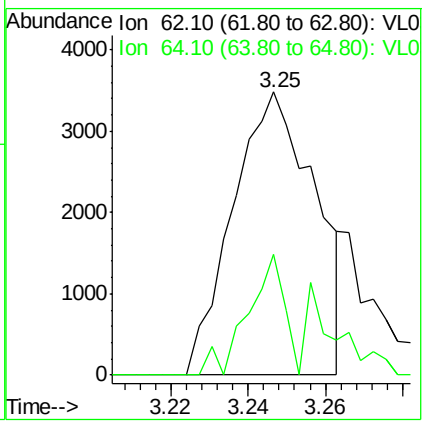


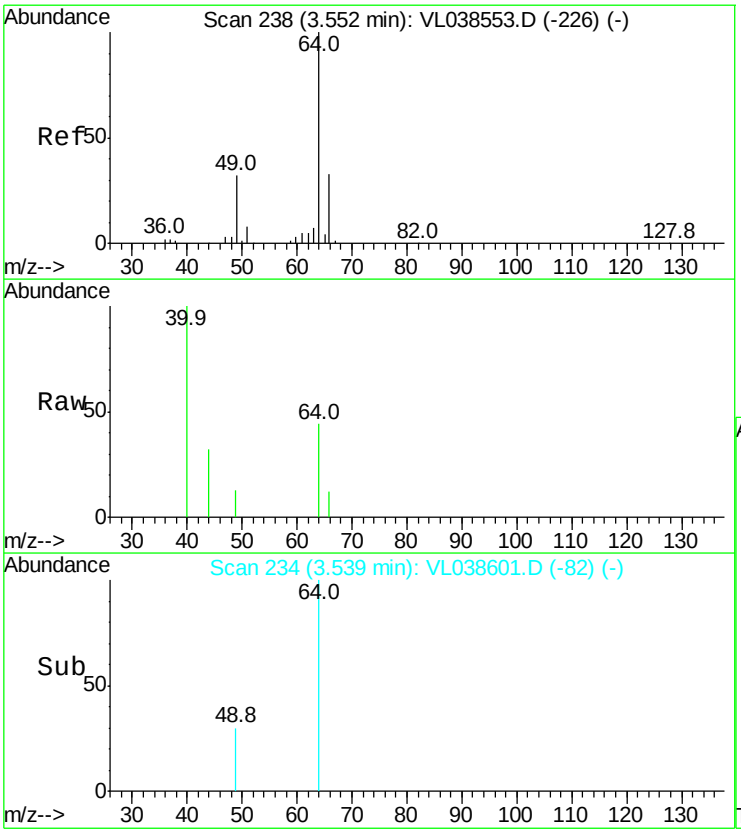
#5
Vinyl Chloride
Concen: 0.10 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 62 Resp: 5157

Ion	Ratio	Lower	Upper
62	100		
64	42.6	25.8	38.6#

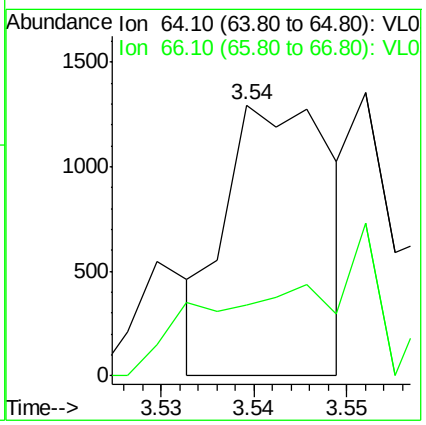


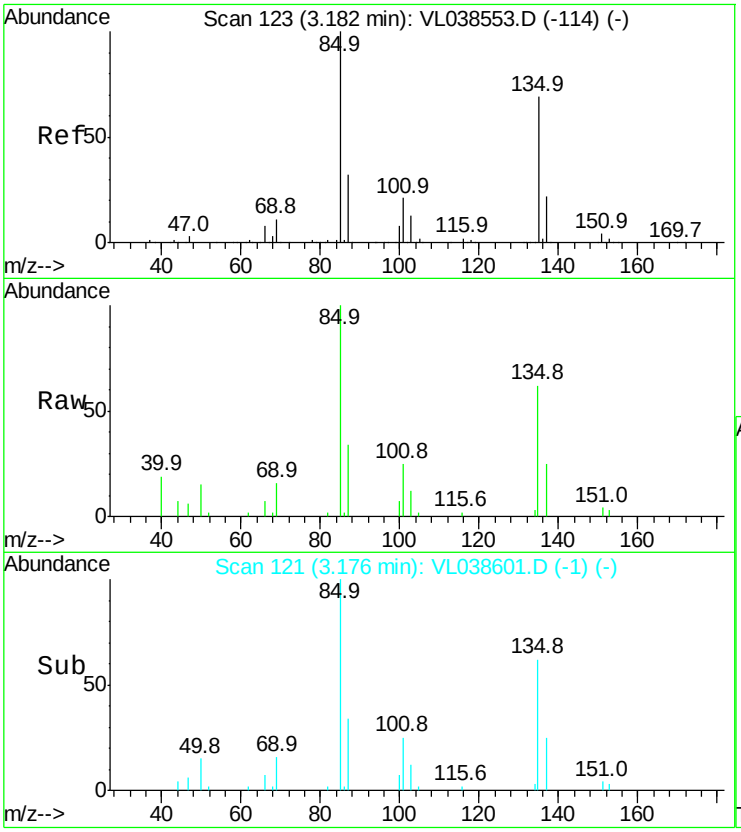


#7
Chloroethane
Concen: 0.06 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 64 Resp: 1031

Ion	Ratio	Lower	Upper
64	100		
66	26.3	26.6	39.8#



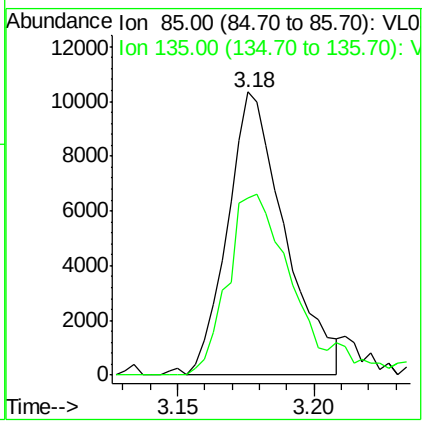


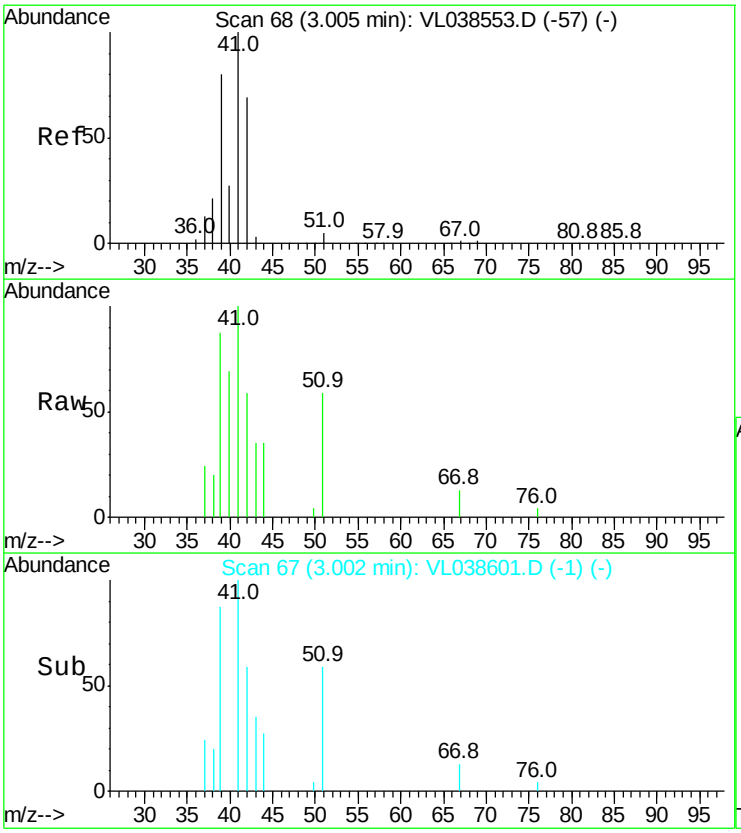
#8
Dichlorotetrafluoroethane
Concen: 0.13 ppbv
RT: 3.18
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 85 Resp: 15077

Ion	Ratio	Lower	Upper
85	100		
135	76.6	59.0	88.4

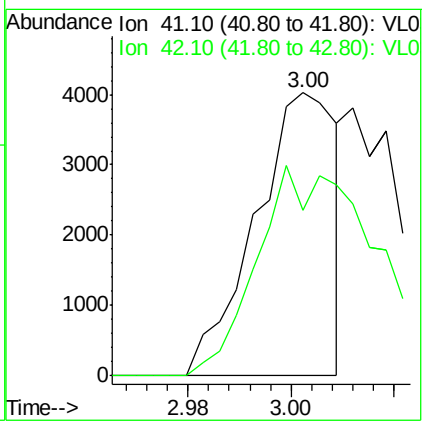


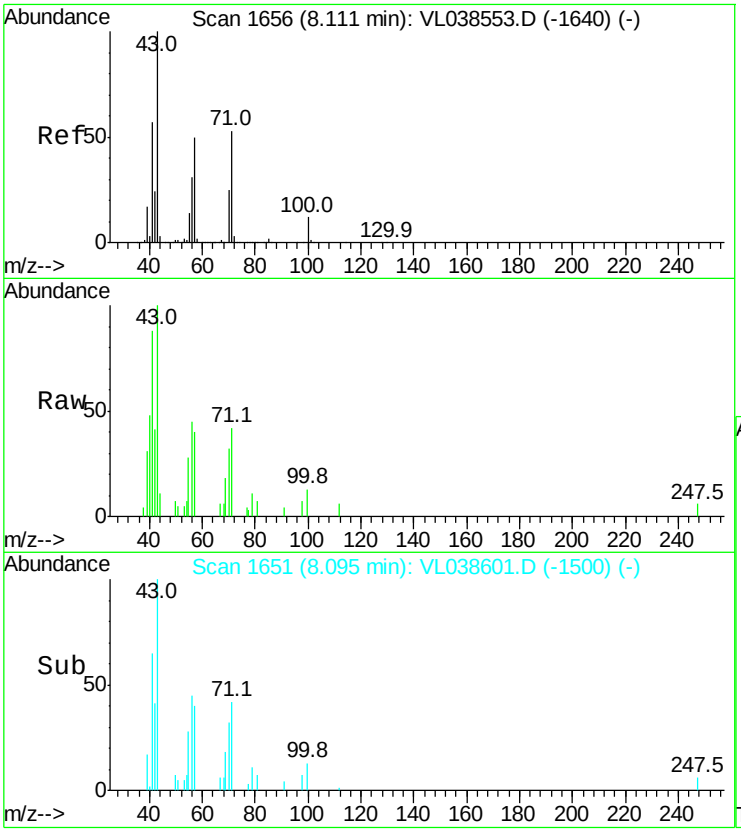


#9
Propene
Concen: 0.09 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 41 Resp: 4375

Ion	Ratio	Lower	Upper
41	100		
42	133.4	55.7	83.5#



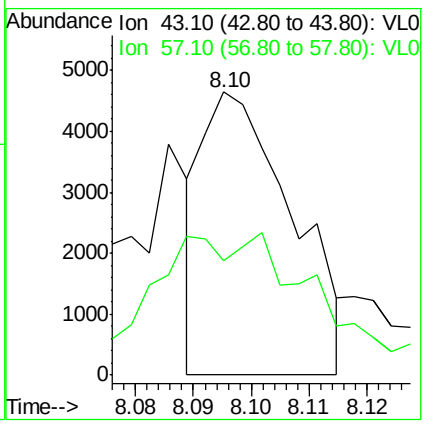


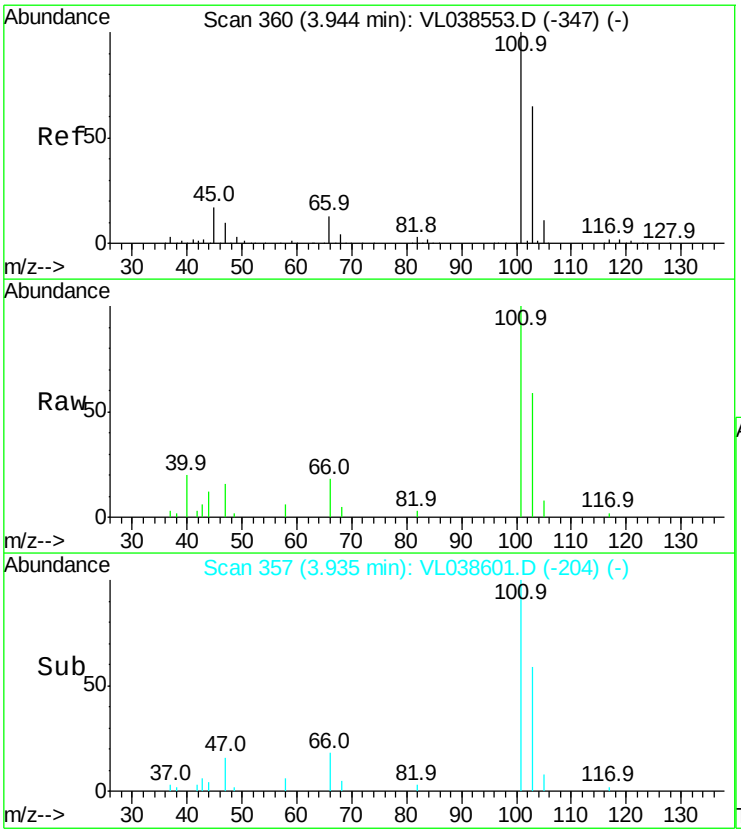
#10
Heptane
Concen: 0.04 ppbv
RT: 8.10
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 43 Resp: 4996

Ion	Ratio	Lower	Upper
43	100		
57	100.2	39.6	59.4#

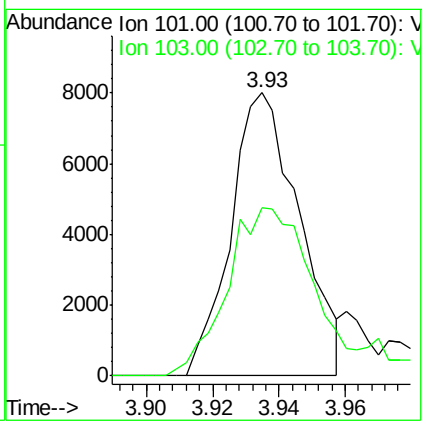


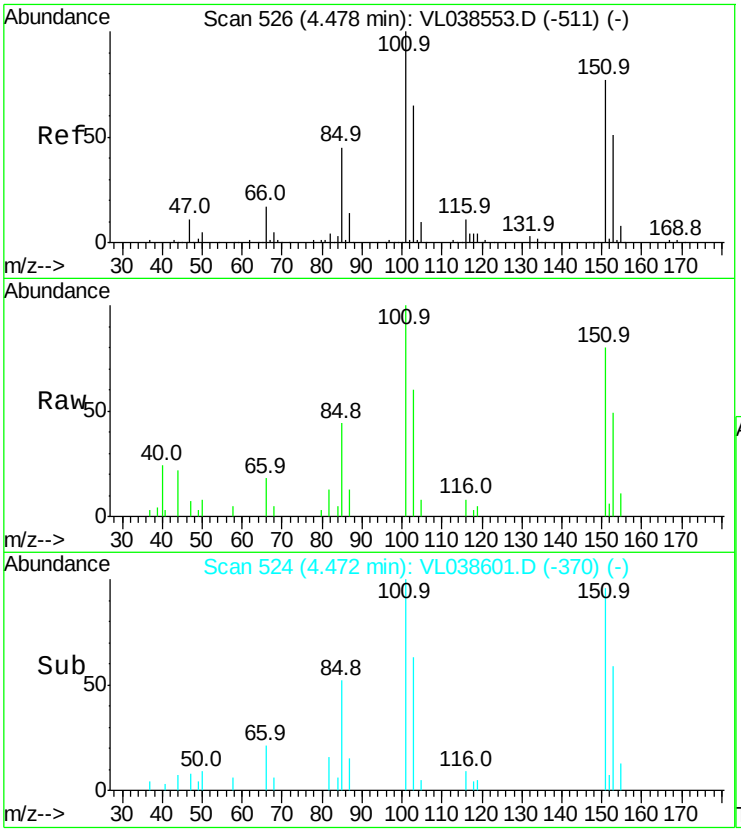


#11
Trichlorofluoromethane
Concen: 0.11 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:101 Resp: 11514

Ion	Ratio	Lower	Upper
101	100		
103	54.4	52.0	78.0



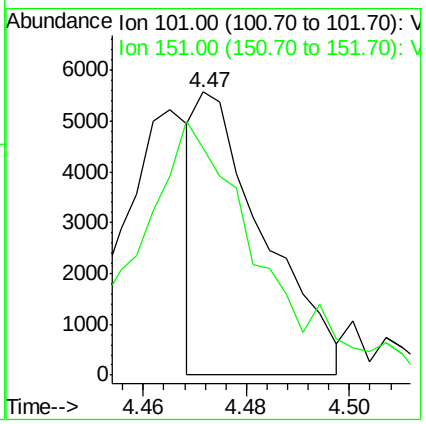


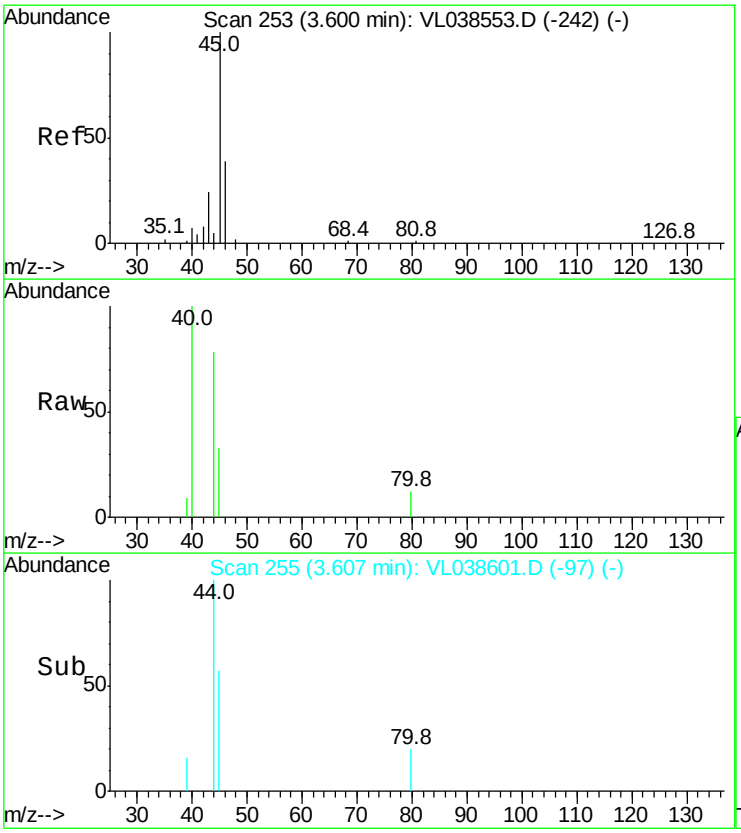
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.06 ppbv
RT: 4.47
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:101 Resp: 5060

Ion	Ratio	Lower	Upper
101	100		
151	169.7	63.4	95.0#

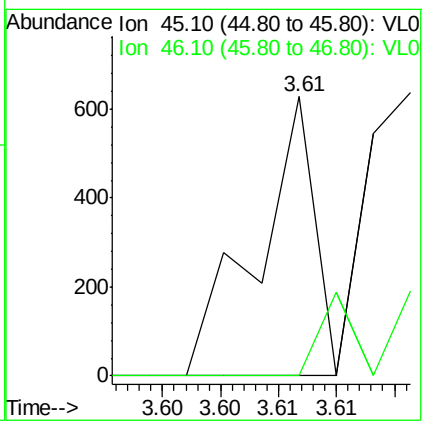


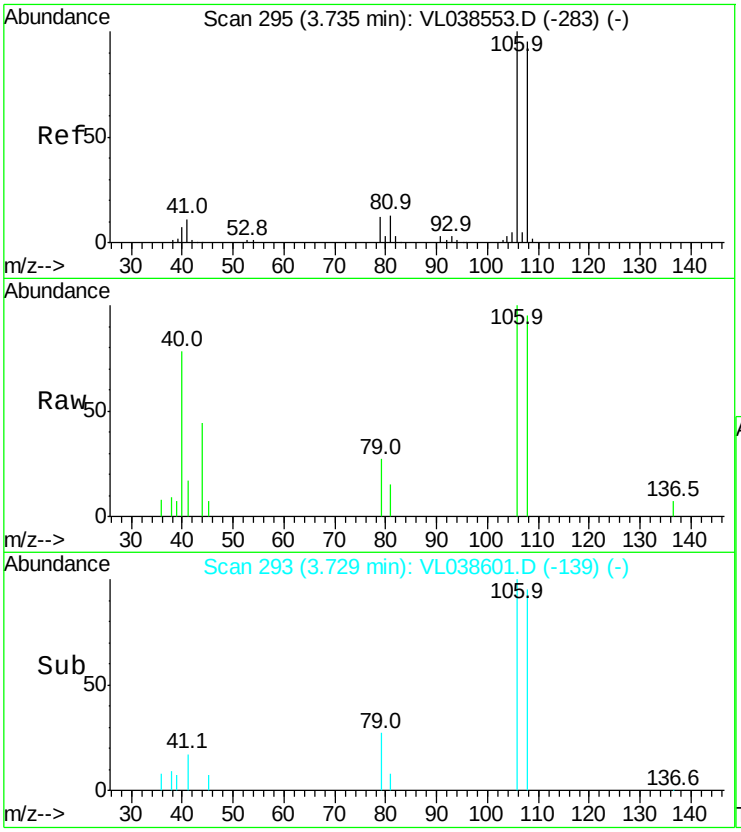


#13
Ethanol
Concen: 0.04 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 45 Resp: 215

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.0#



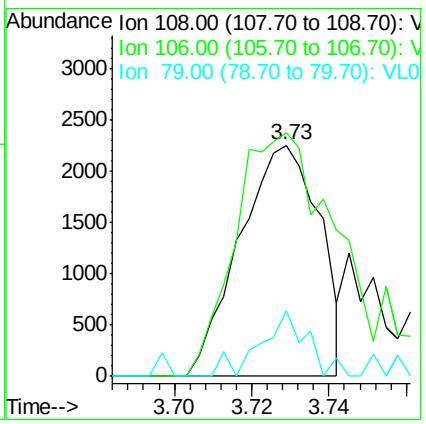


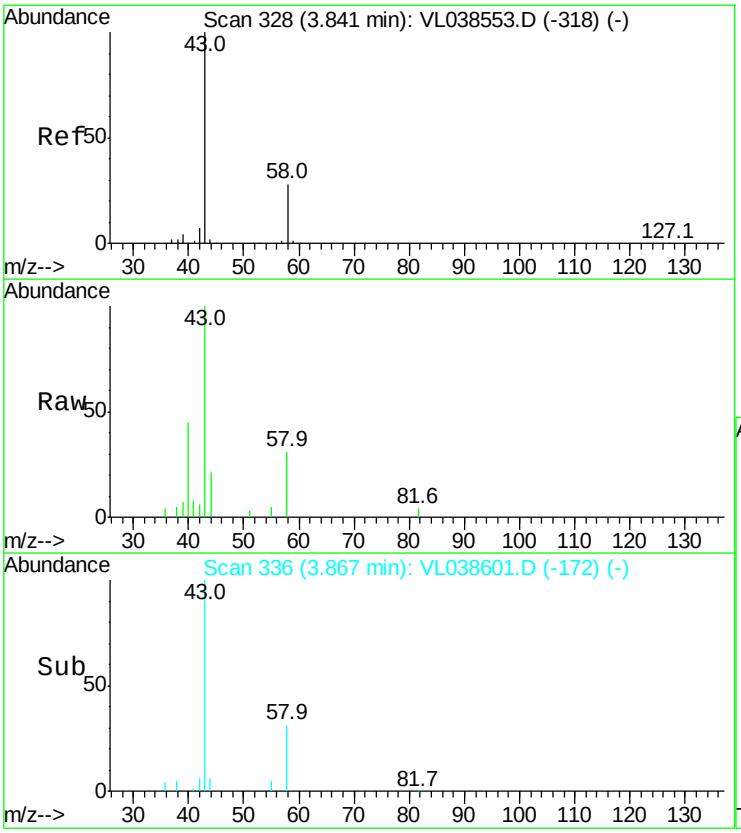
#14
Bromoethene
Concen: 0.09 ppbv
RT: 3.73
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:108 Resp: 3229

Ion	Ratio	Lower	Upper
108	100		
106	149.0	85.9	128.9#
79	16.8	11.0	16.6#

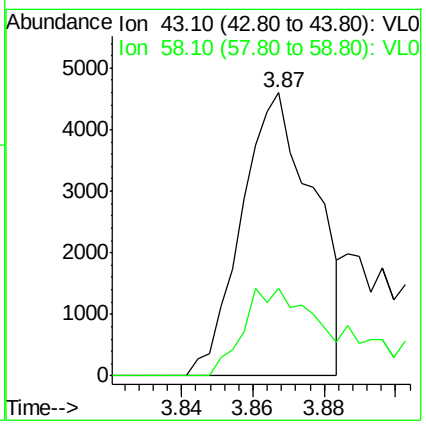


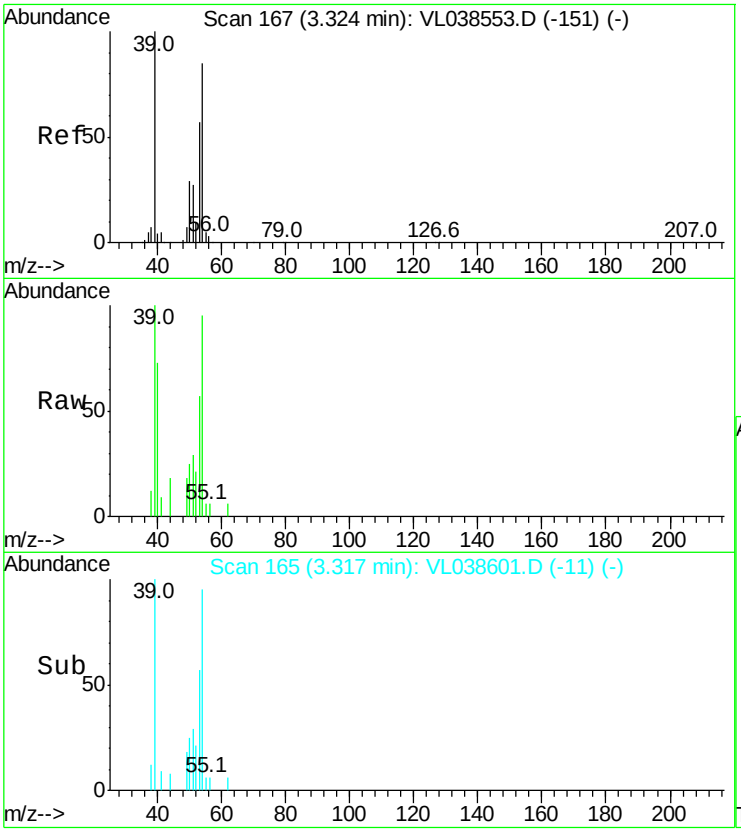


#15
Acetone
Concen: 0.12 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 43 Resp: 6464

Ion	Ratio	Lower	Upper
43	100		
58	49.1	22.7	34.1#



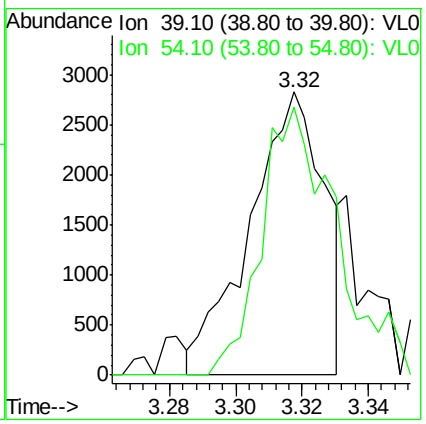


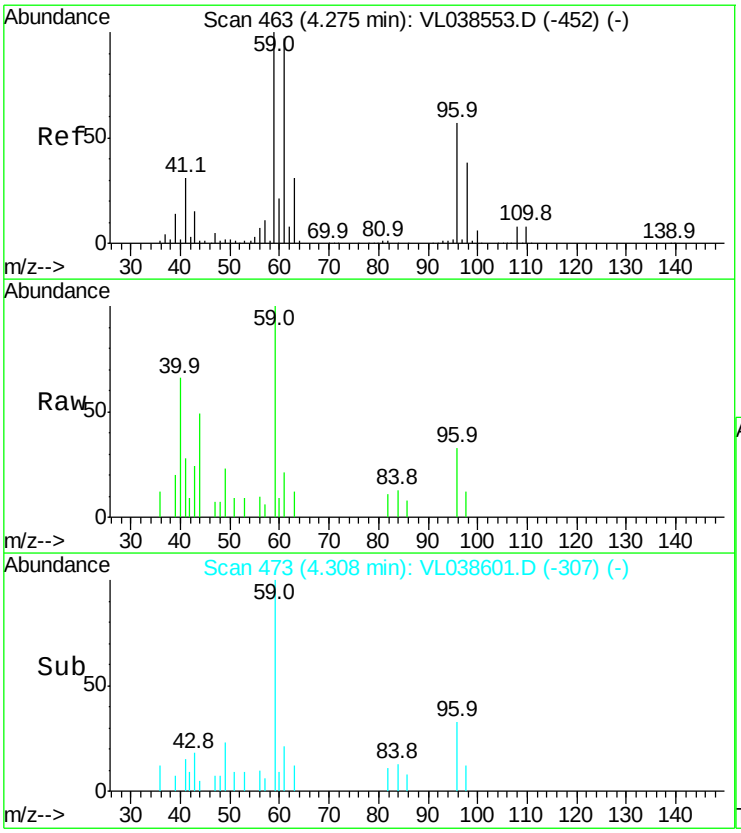
#16
1,3-Butadiene
Concen: 0.10 ppbv
RT: 3.32
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 39 Resp: 4416

Ion	Ratio	Lower	Upper
39	100		
54	99.3	64.2	96.2#

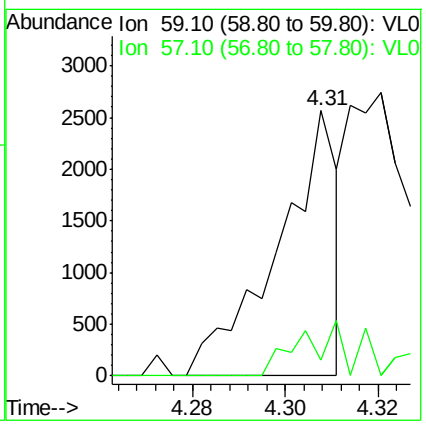


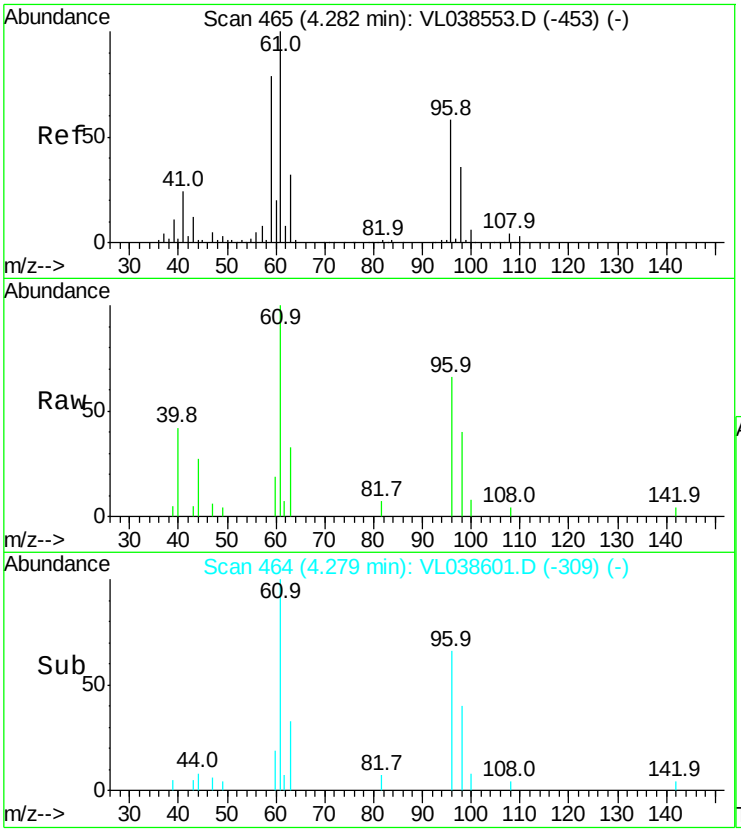


#17
tert-Butyl alcohol
Concen: 0.04 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.03 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 59 Resp: 2282

Ion	Ratio	Lower	Upper
59	100		
57	27.3	8.1	12.1#



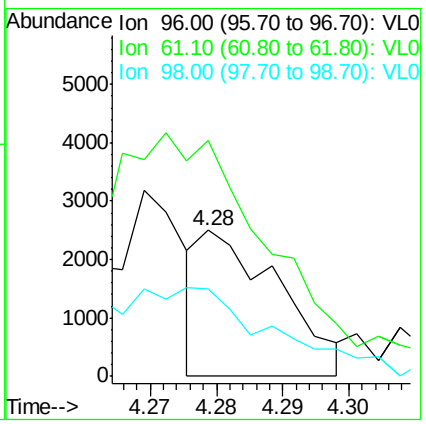


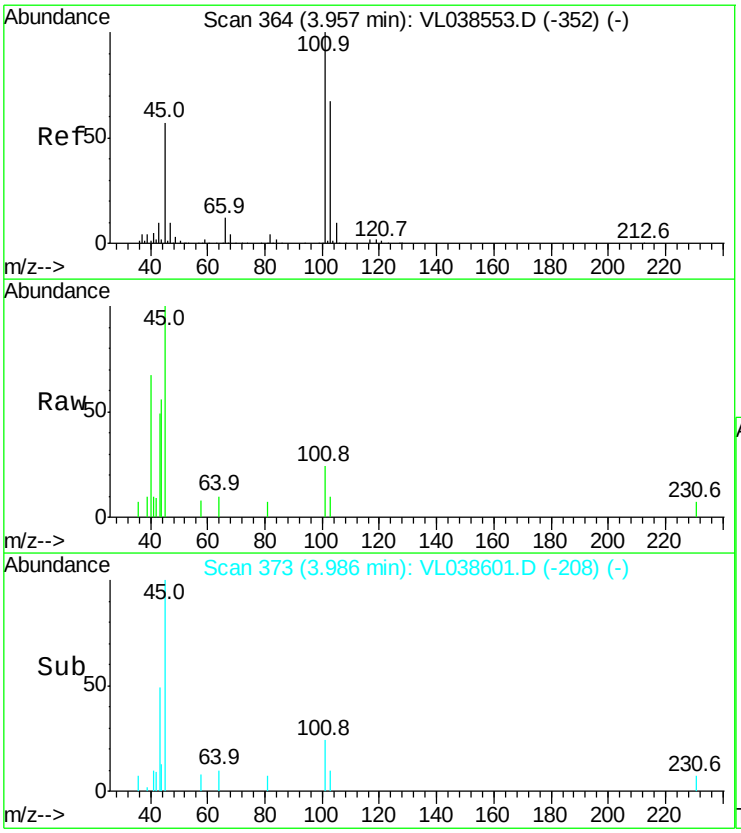
#18
1,1-Dichloroethene
Concen: 0.06 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 96 Resp: 2083

Ion	Ratio	Lower	Upper
96	100		
61	162.4	137.4	206.0
98	53.4	49.3	73.9

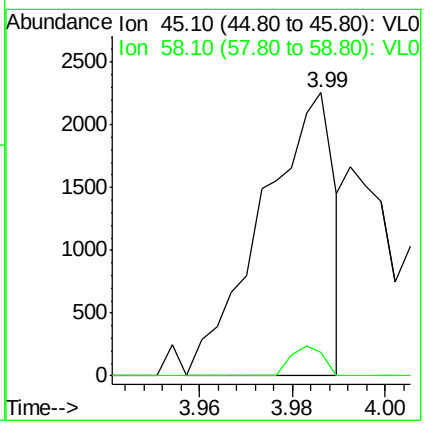


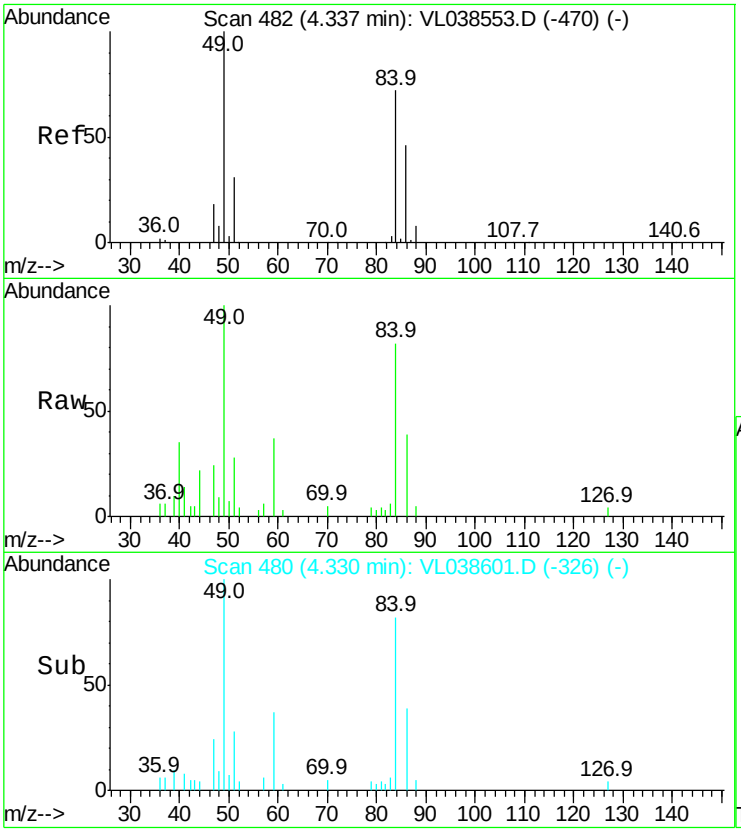


#19
Isopropyl Alcohol
Concen: 0.07 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 45 Resp: 2439

Ion	Ratio	Lower	Upper
45	100		
58	4.7	2.2	3.2#



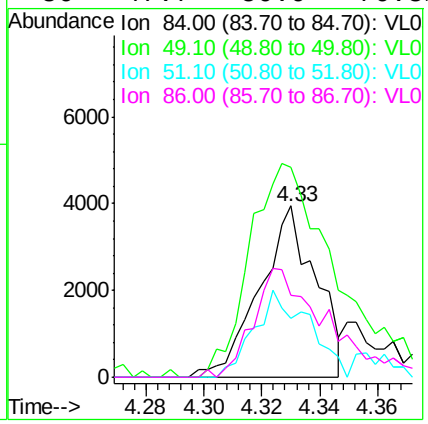


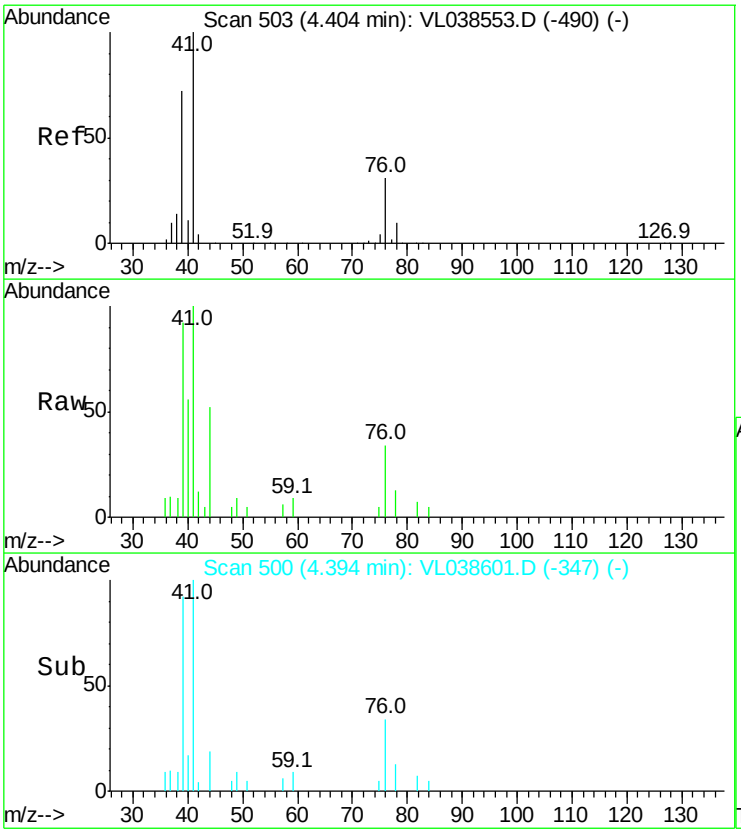
#20
Methylene Chloride
Concen: 0.16 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 84 Resp: 5285

Ion	Ratio	Lower	Upper
84	100		
49	122.4	111.1	166.7
51	34.7	34.0	51.0
86	47.7	50.9	76.3#

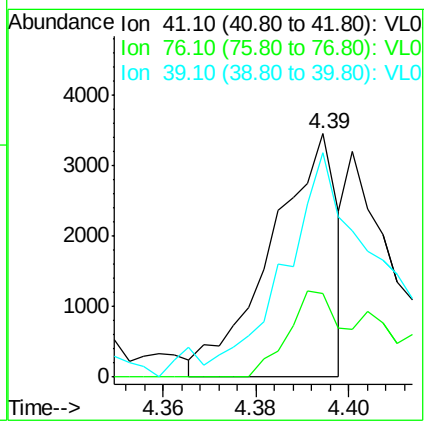


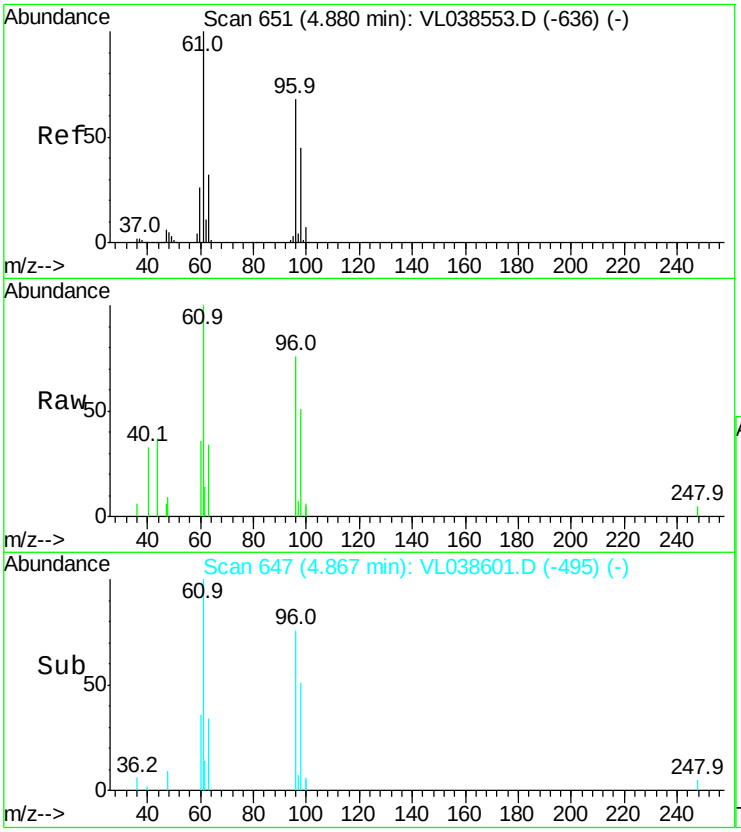


#21
Allyl Chloride
Concen: 0.06 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 41 Resp: 3400

Ion	Ratio	Lower	Upper
41	100		
76	54.6	24.3	36.5#
39	167.3	57.1	85.7#



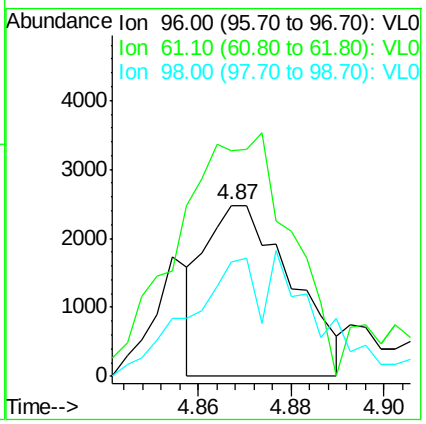


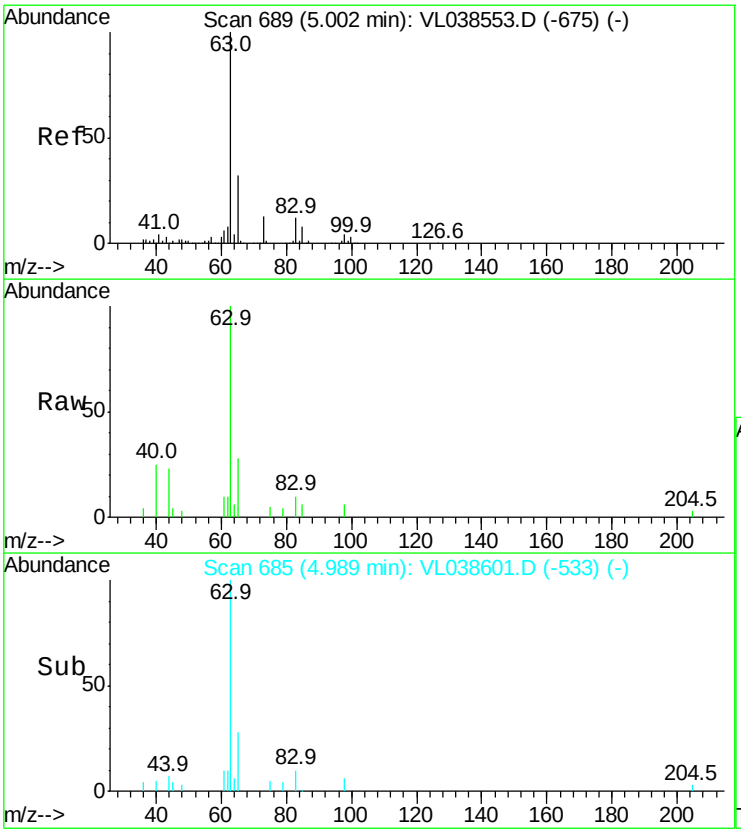
#22
trans-1,2-Dichloroethene
Concen: 0.08 ppbv
RT: 4.87
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 96 Resp: 3219

Ion	Ratio	Lower	Upper
96	100		
61	195.5	117.6	176.4#
98	42.7	52.6	78.8#

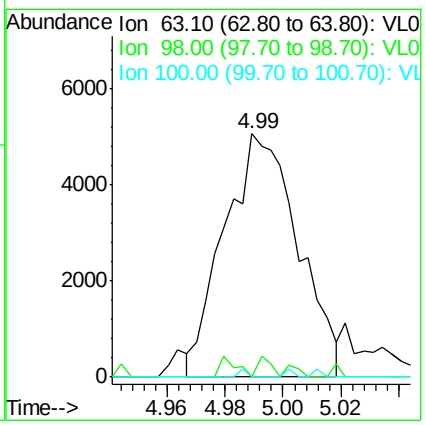


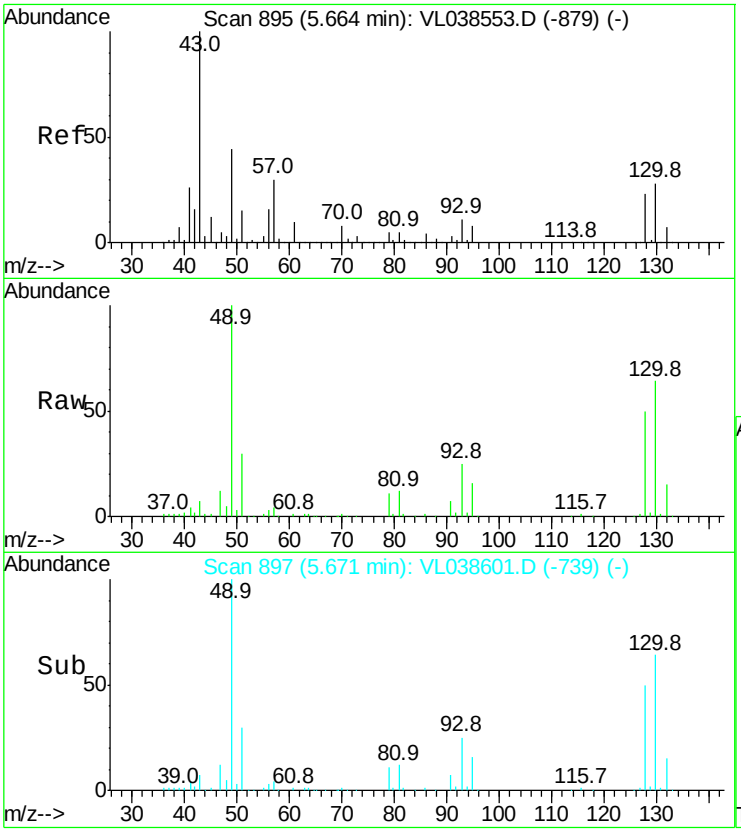


#24
1,1-Dichloroethane
Concen: 0.12 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 63 Resp: 8934

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.5#



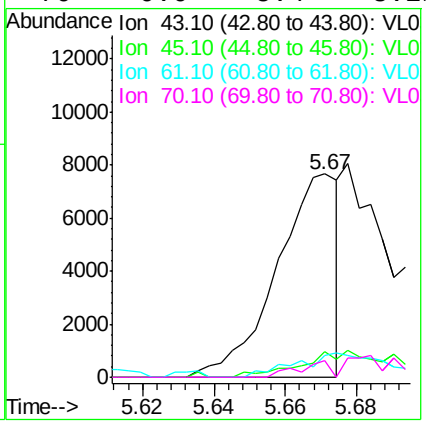


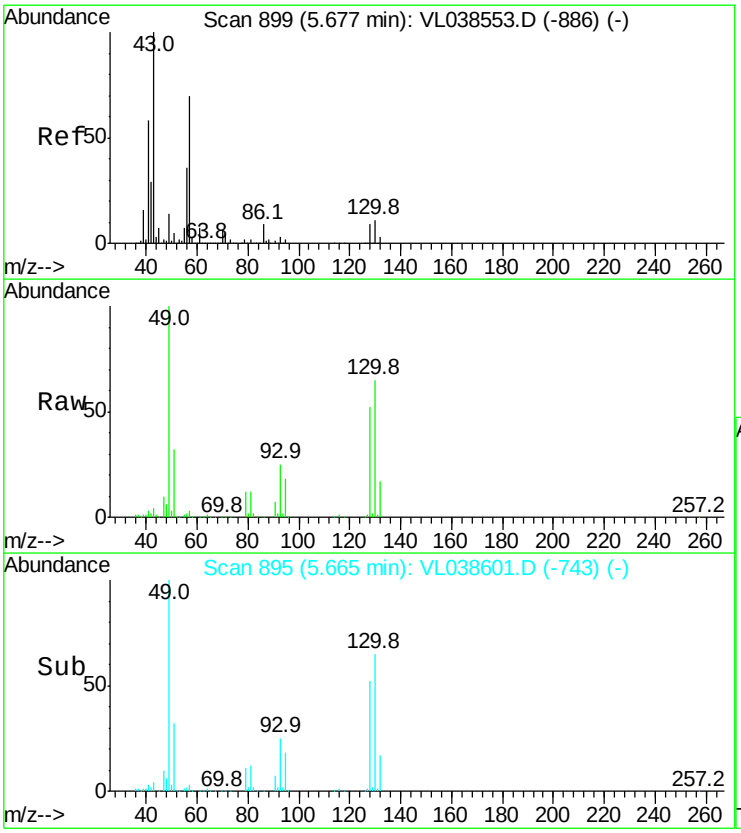
#25
Ethyl Acetate
Concen: 0.05 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 43 Resp: 9123

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	8.2	12.4#
70	0.0	5.4	8.2#

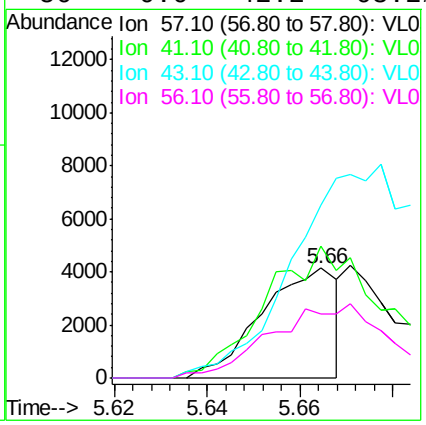


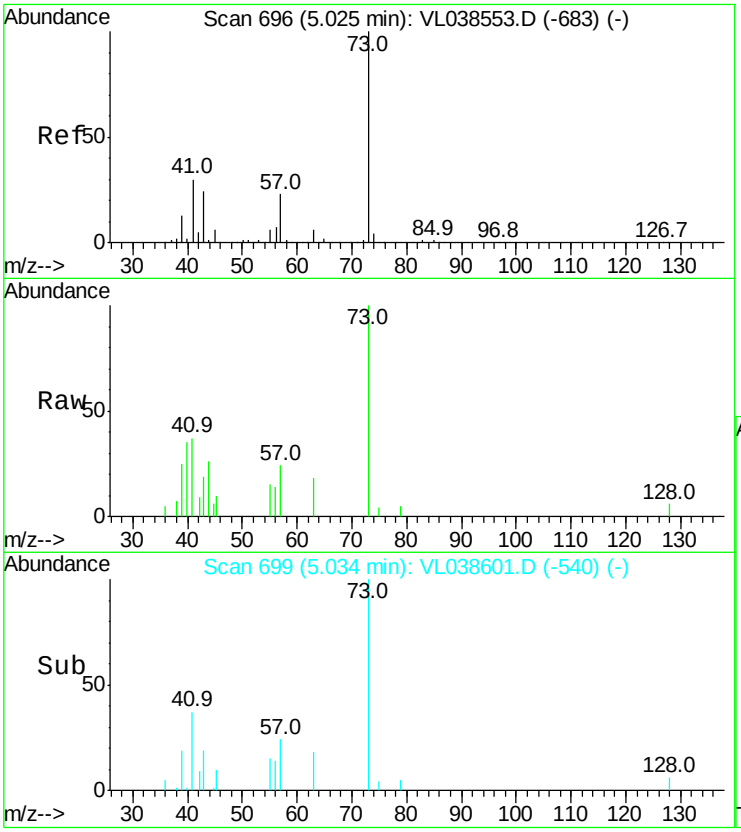


#26
Hexane
Concen: 0.05 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 57 Resp: 4713

Ion	Ratio	Lower	Upper
57	100		
41	209.2	67.8	101.6#
43	0.0	173.6	260.4#
56	0.0	42.2	63.2#



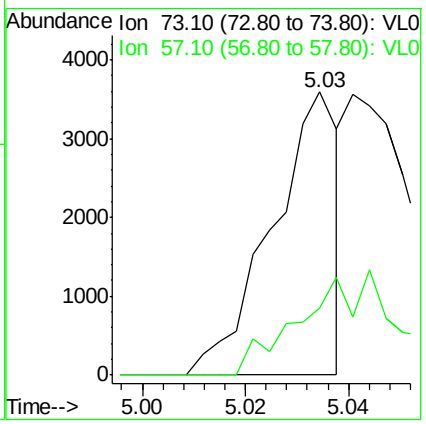


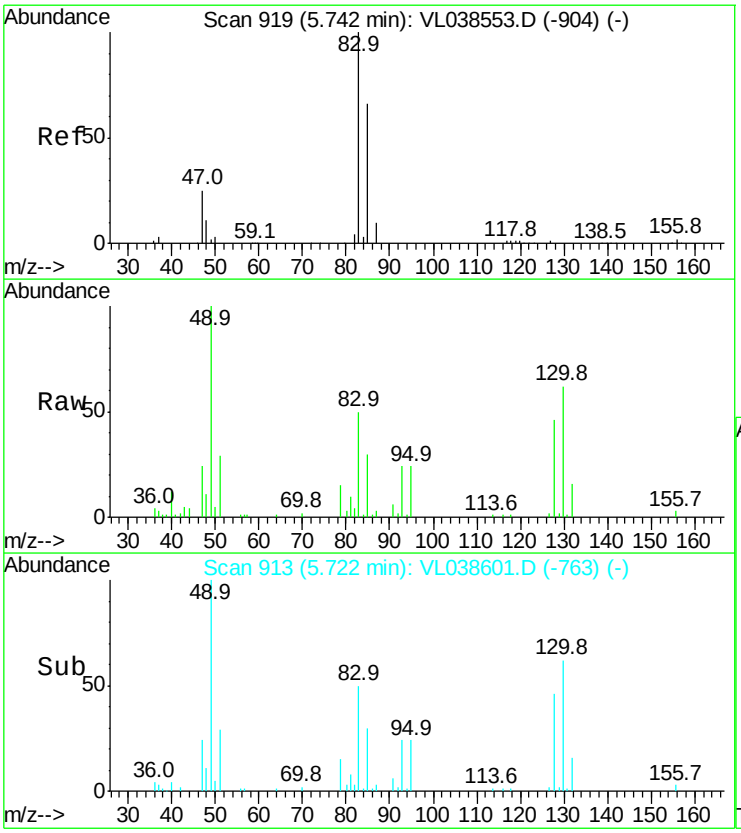
#28
Methyl tert-Butyl Ether
Concen: 0.04 ppbv
RT: 5.03
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 73 Resp: 3200

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.8	28.2#

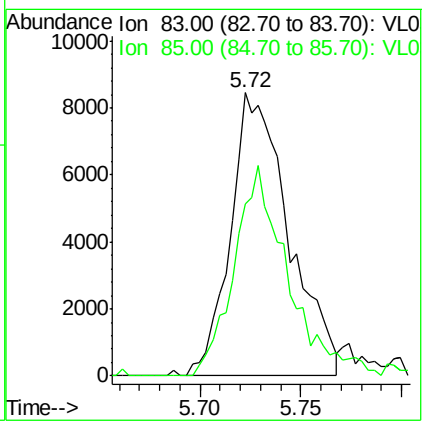


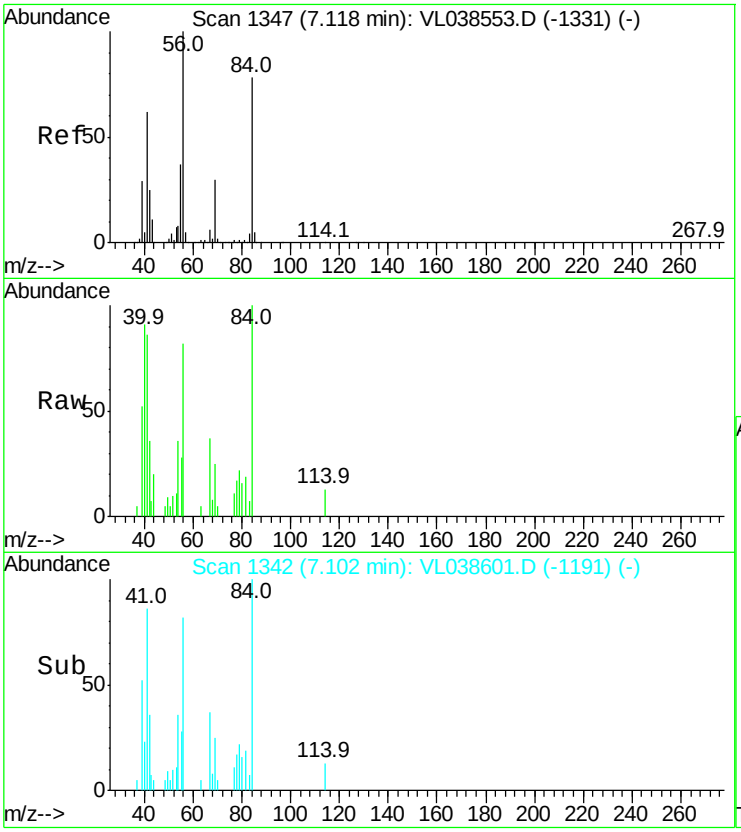


#29
Chloroform
Concen: 0.12 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 83 Resp: 17042

Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.8	79.2



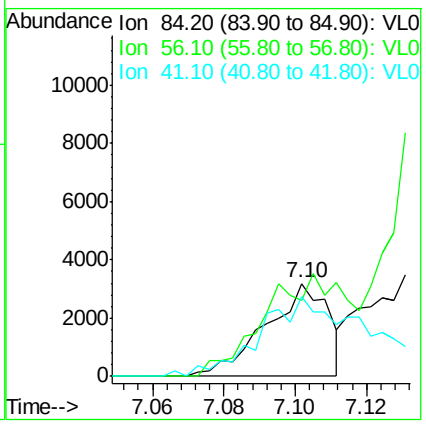


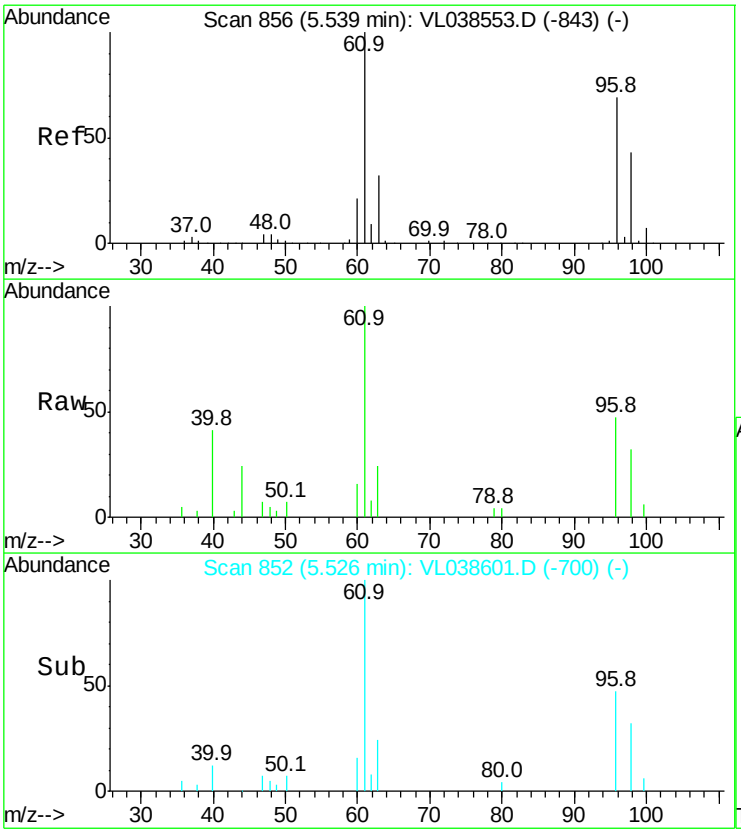
#30
Cyclohexane
Concen: 0.05 ppbv
RT: 7.10
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 84 Resp: 3861

Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.4	167.0#
41	166.0	65.5	98.3#

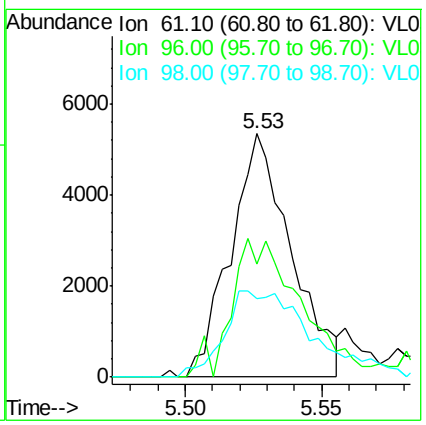


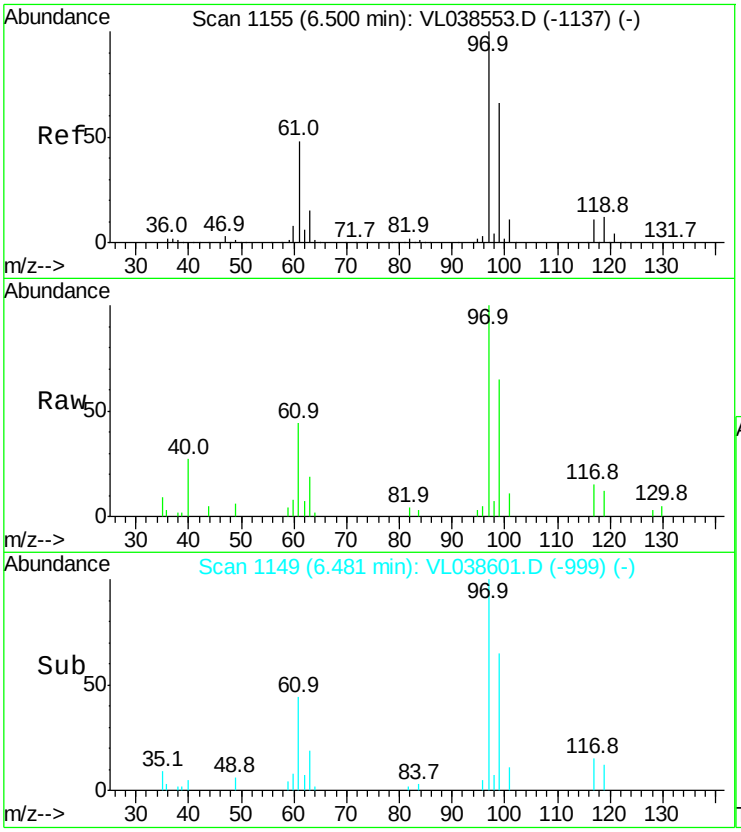


#31
cis-1,2-Dichloroethene
Concen: 0.10 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 61 Resp: 8245

Ion	Ratio	Lower	Upper
61	100		
96	46.7	55.2	82.8#
98	28.3	34.2	51.4#



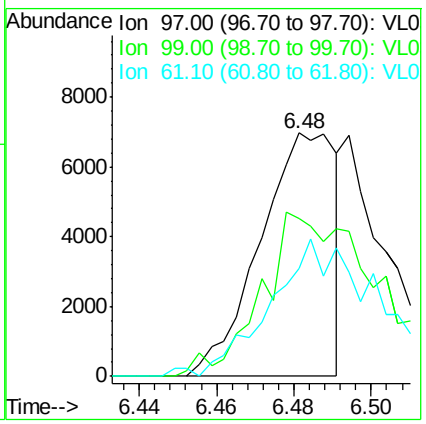


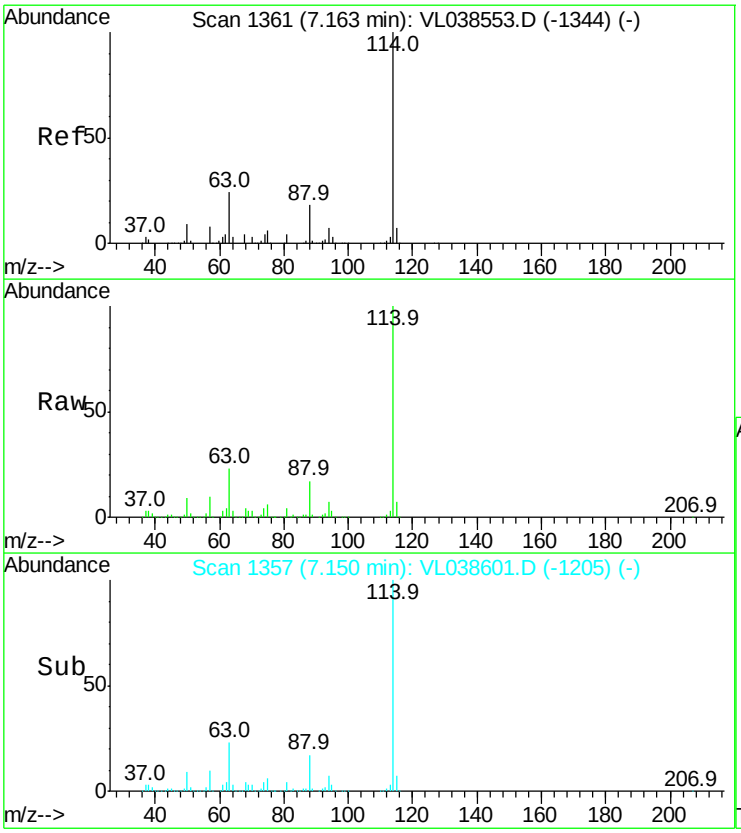
#32
1,1,1-Trichloroethane
Concen: 0.07 ppbv
RT: 6.48
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 97 Resp: 9483

Ion	Ratio	Lower	Upper
97	100		
99	106.0	52.1	78.1#
61	84.1	37.7	56.5#

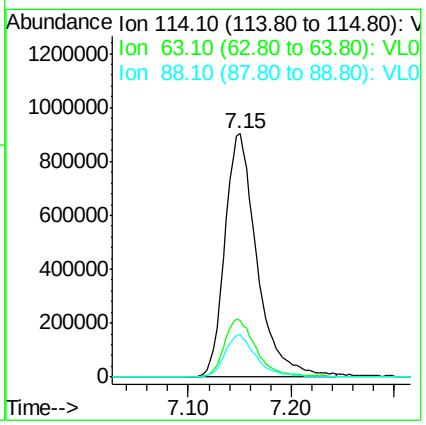


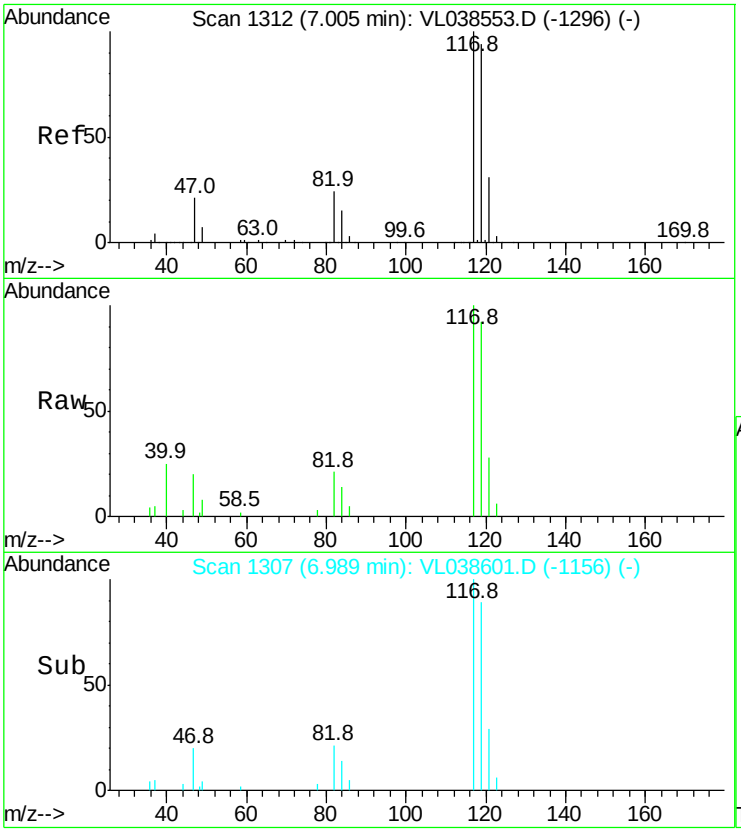


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:114 Resp: 1966085

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.3	13.9	20.9



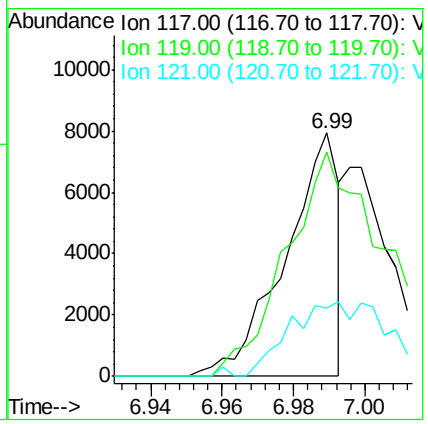


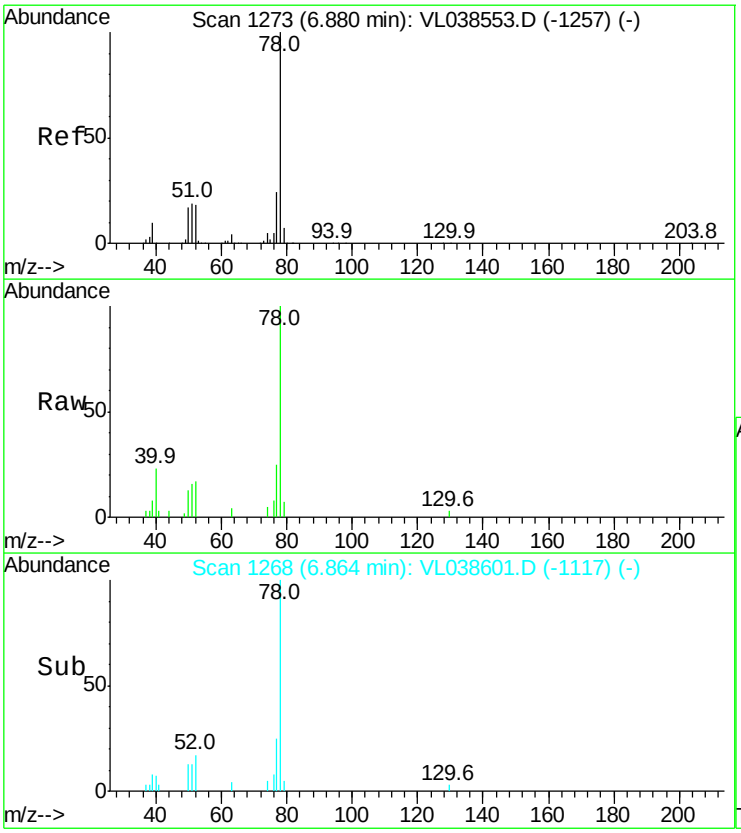
#35
Carbon Tetrachloride
Concen: 0.06 ppbv
RT: 6.99
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:117 Resp: 8196

Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.2	112.8
121	28.1	24.8	37.2

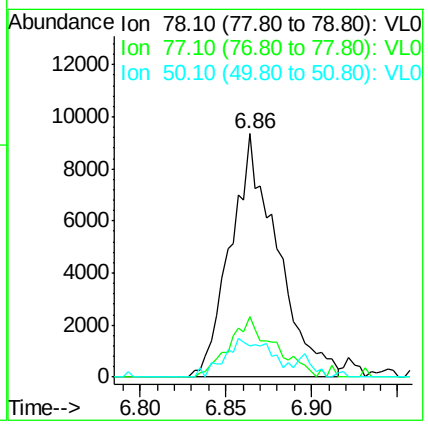


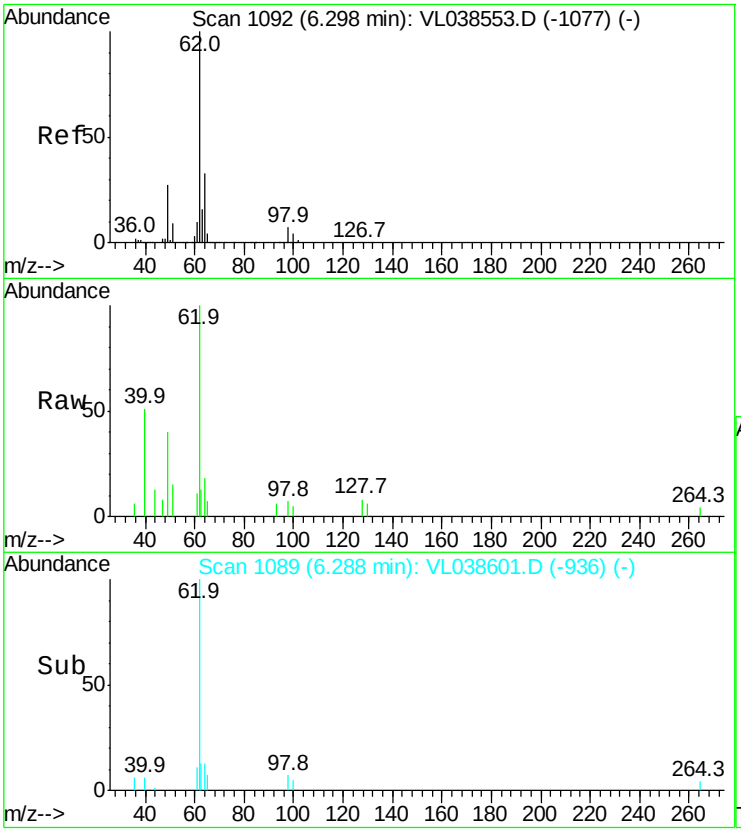


#36
Benzene
Concen: 0.10 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 78 Resp: 17673

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.4
50	13.0	13.9	20.9#



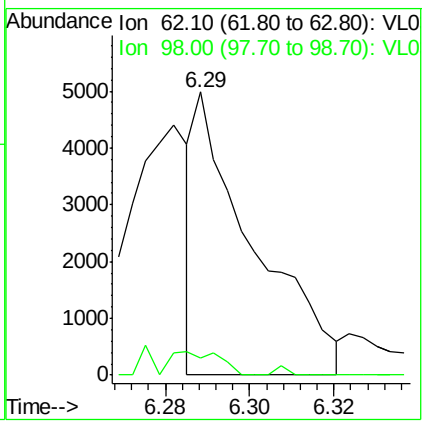


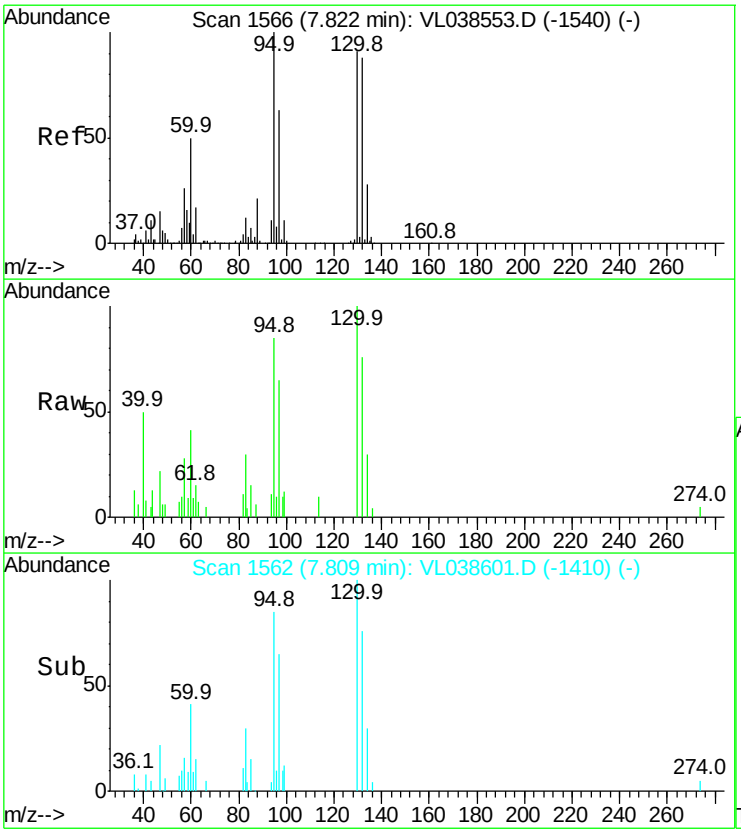
#37
1,2-Dichloroethane
Concen: 0.06 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 62 Resp: 4782

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

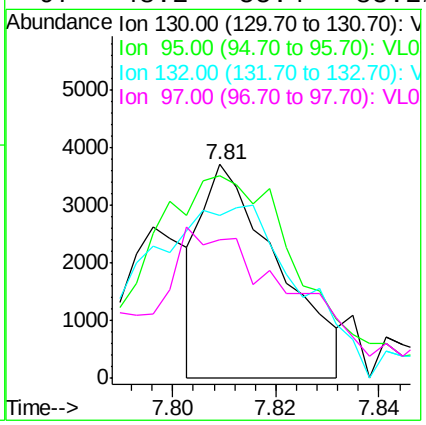


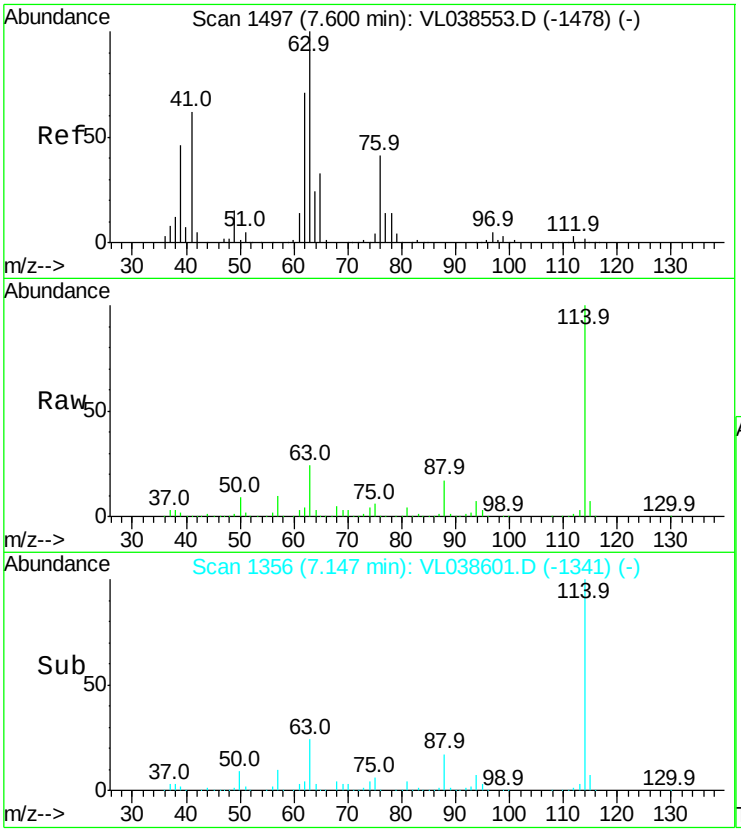


#38
Trichloroethene
Concen: 0.05 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:130 Resp: 3842

Ion	Ratio	Lower	Upper
130	100		
95	87.7	87.8	131.8#
132	66.7	77.5	116.3#
97	48.2	55.4	83.2#



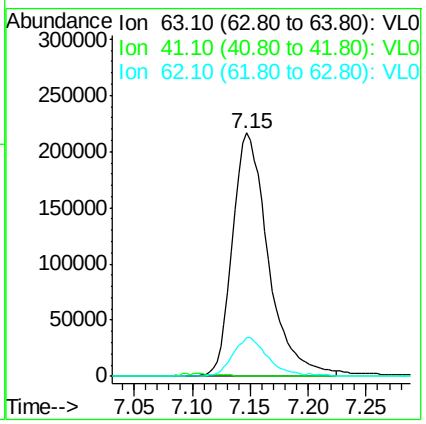


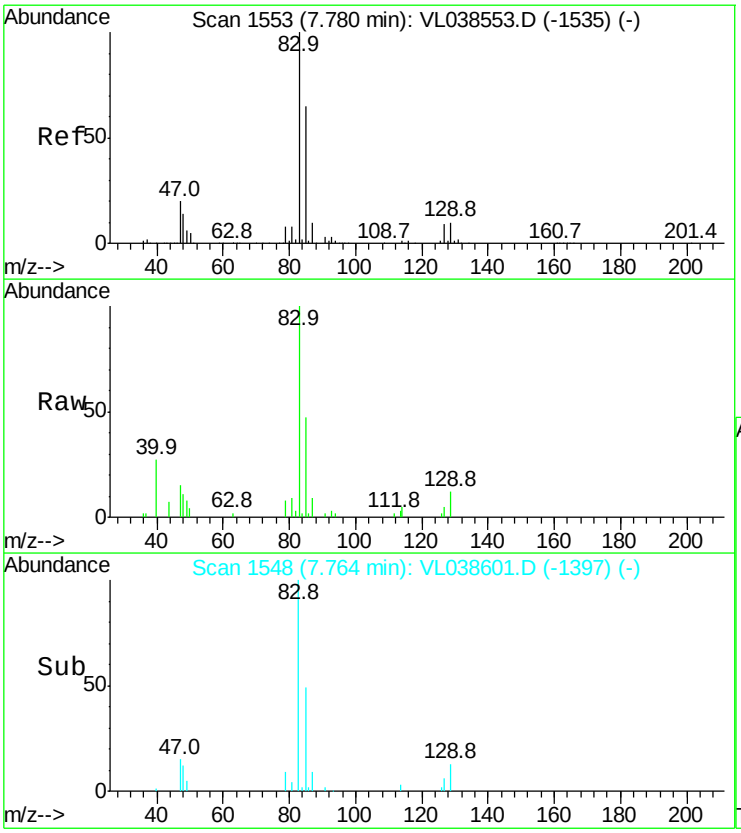
#39
1,2-Dichloropropane
Concen: 6.82 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 63 Resp: 465301

Ion	Ratio	Lower	Upper
63	100		
41	0.3	49.8	74.6#
62	15.7	56.7	85.1#

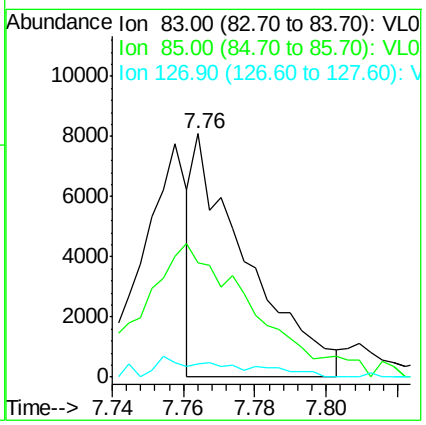


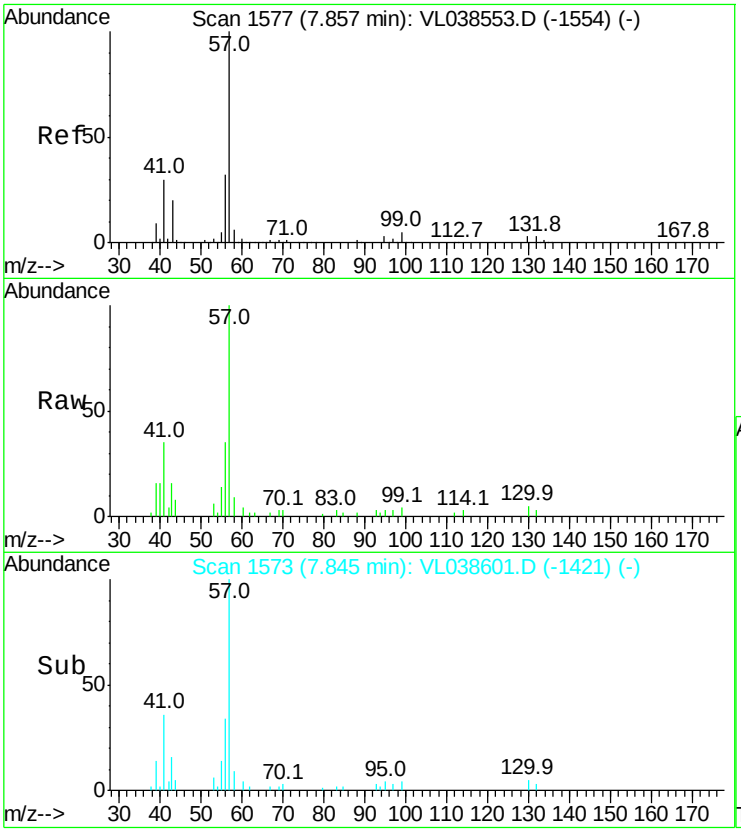


#42
Bromodichloromethane
Concen: 0.06 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 83 Resp: 8418

Ion	Ratio	Lower	Upper
83	100		
85	43.1	51.7	77.5#
127	6.1	6.9	10.3#



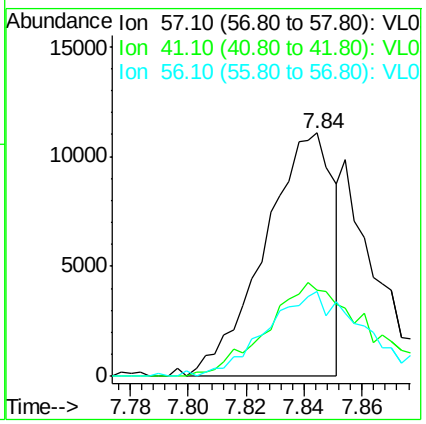


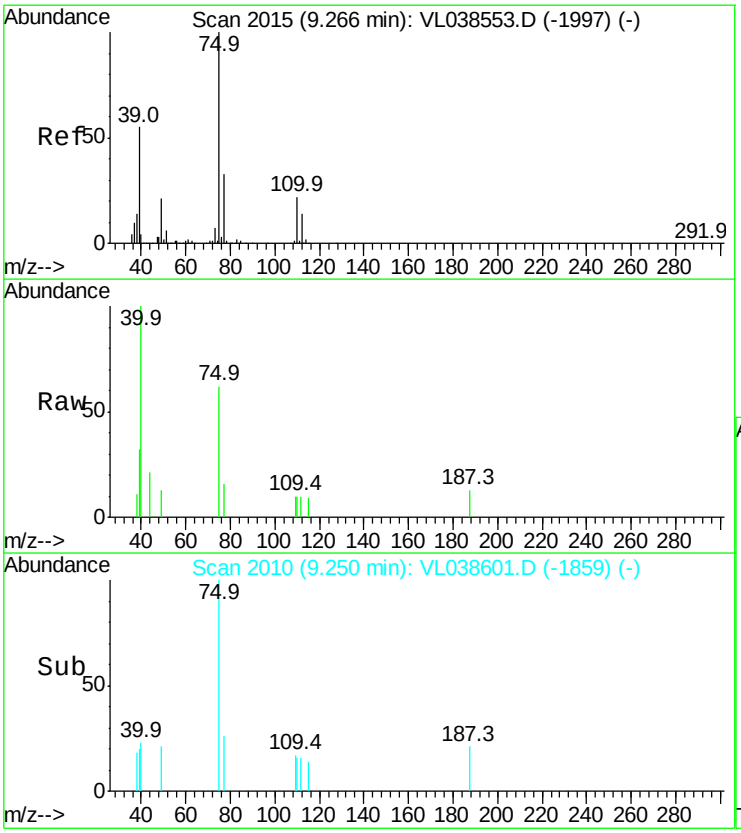
#44
2,2,4-Trimethylpentane
Concen: 0.06 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 57 Resp: 18223

Ion	Ratio	Lower	Upper
57	100		
41	58.7	24.0	36.0#
56	52.7	25.6	38.4#

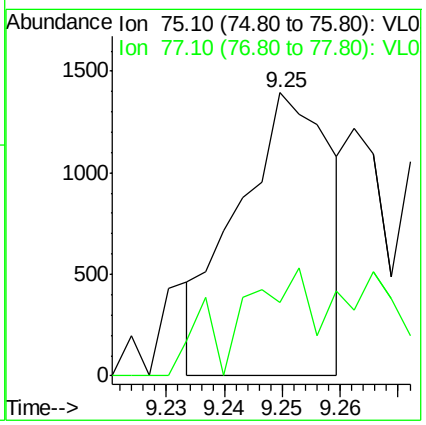


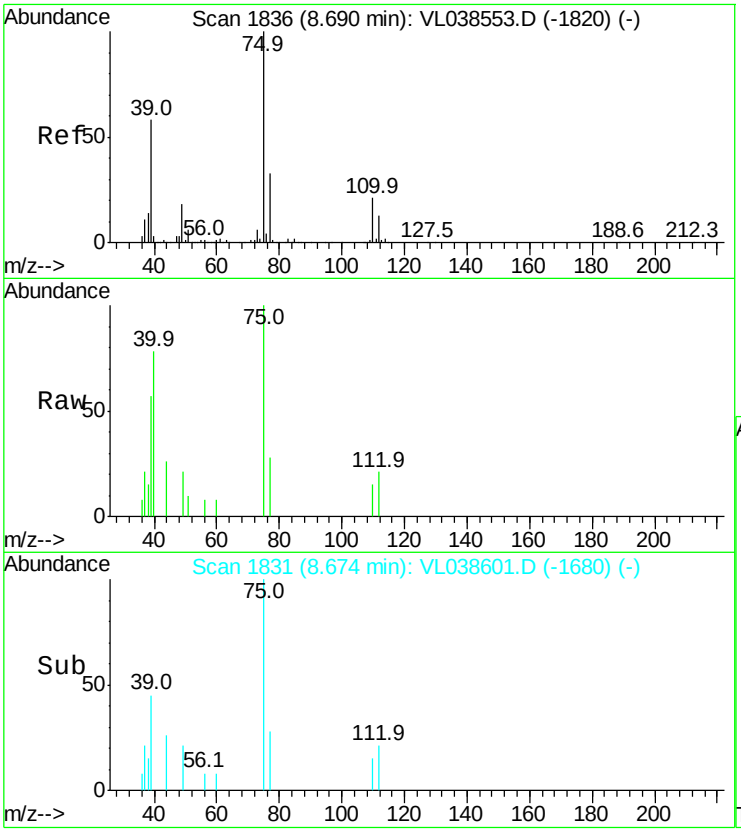


#45
t-1,3-Dichloropropene
Concen: 0.04 ppbv
RT: 9.25 min Scan# 2010
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 75 Resp: 1556

Ion	Ratio	Lower	Upper
75	100		
77	26.0	26.6	40.0#



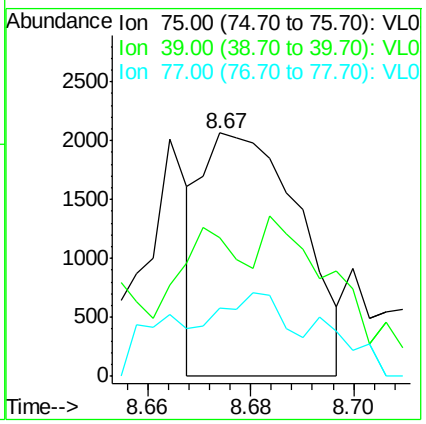


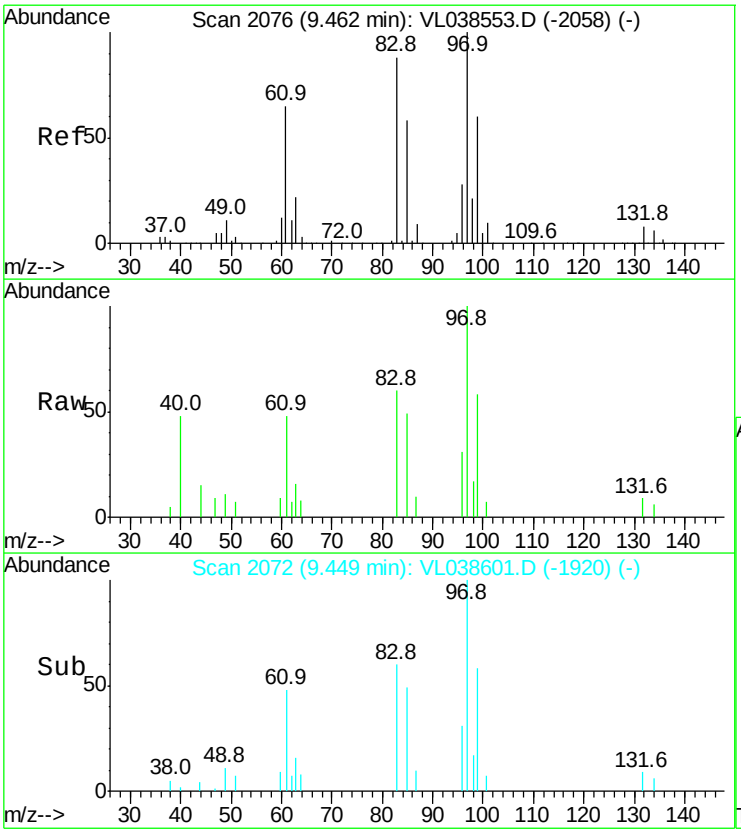
#46
cis-1,3-Dichloropropene
Concen: 0.05 ppbv
RT: 8.67
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 75 Resp: 2712

Ion	Ratio	Lower	Upper
75	100		
39	18.8	46.2	69.2#
77	13.2	26.2	39.2#

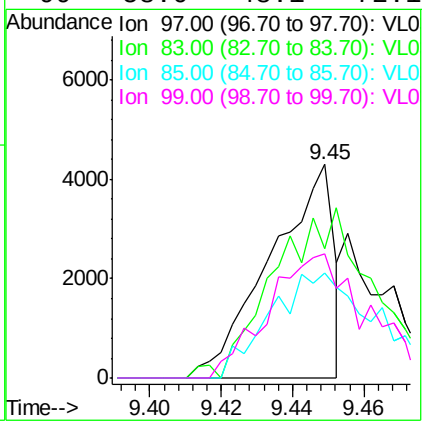


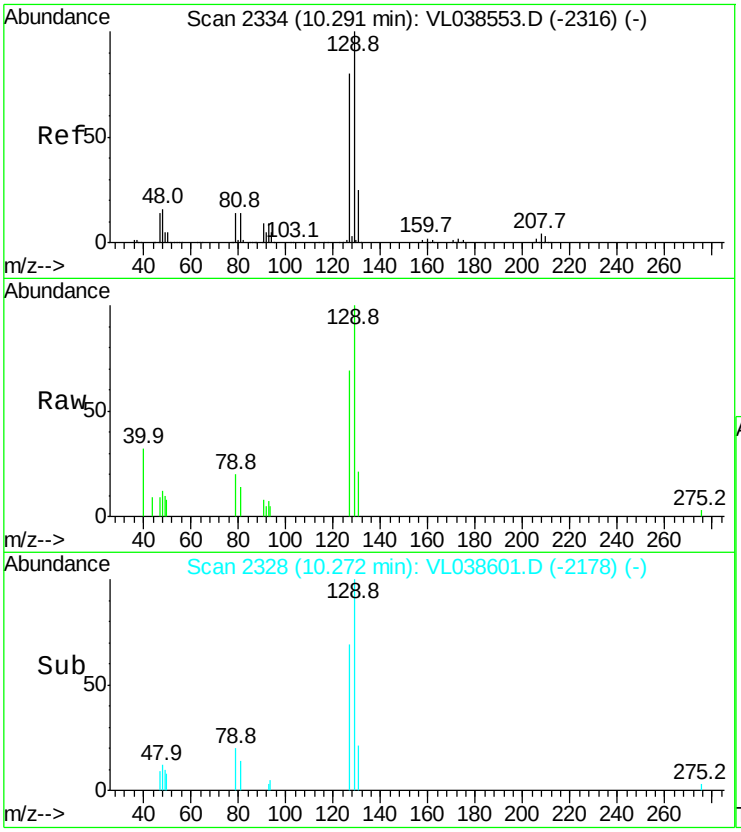


#47
1,1,2-Trichloroethane
Concen: 0.08 ppbv
RT: 9.45 min Scan# 2072
Delta R.T. -0.01 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 97 Resp: 5260

Ion	Ratio	Lower	Upper
97	100		
83	60.5	70.1	105.1#
85	49.1	46.6	69.8
99	58.0	48.1	72.1



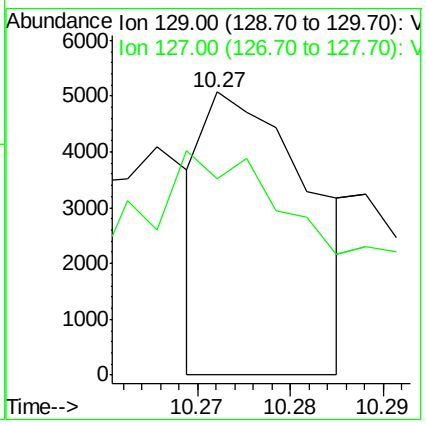


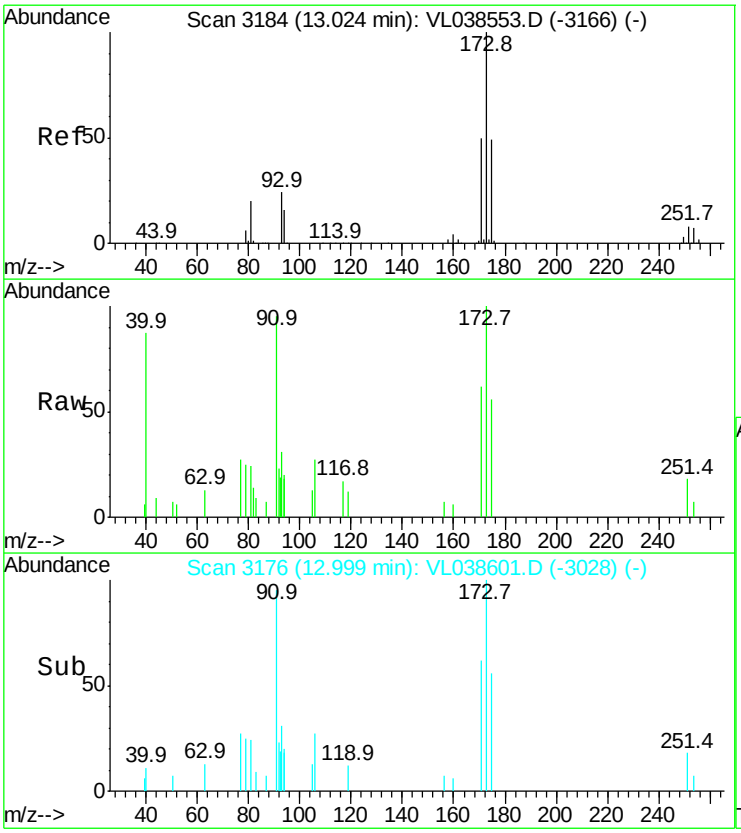
#48
Dibromochloromethane
Concen: 0.04 ppbv
RT: 10.27
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:129 Resp: 3984

Ion	Ratio	Lower	Upper
129	100		
127	203.9	39.5	118.3#

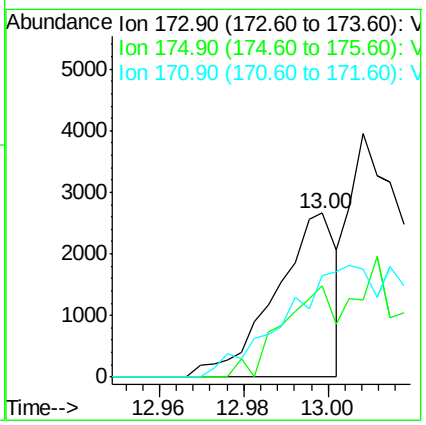


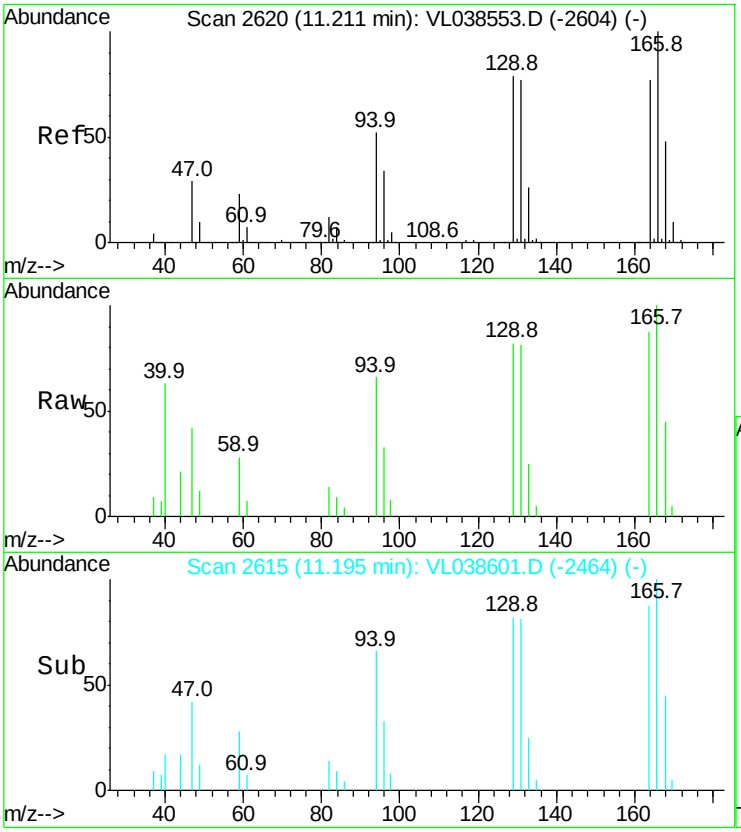


#49
Bromoform
Concen: 0.03 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:173 Resp: 2672

Ion	Ratio	Lower	Upper
173	100		
175	0.0	40.7	61.1#
171	0.0	42.9	64.3#



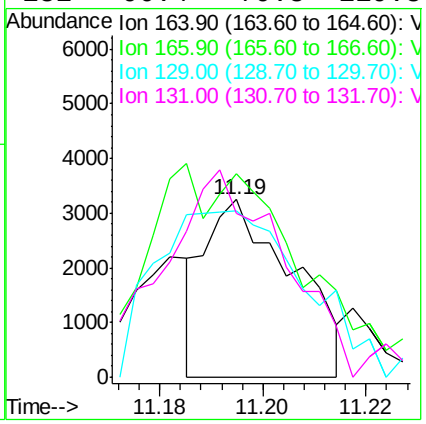


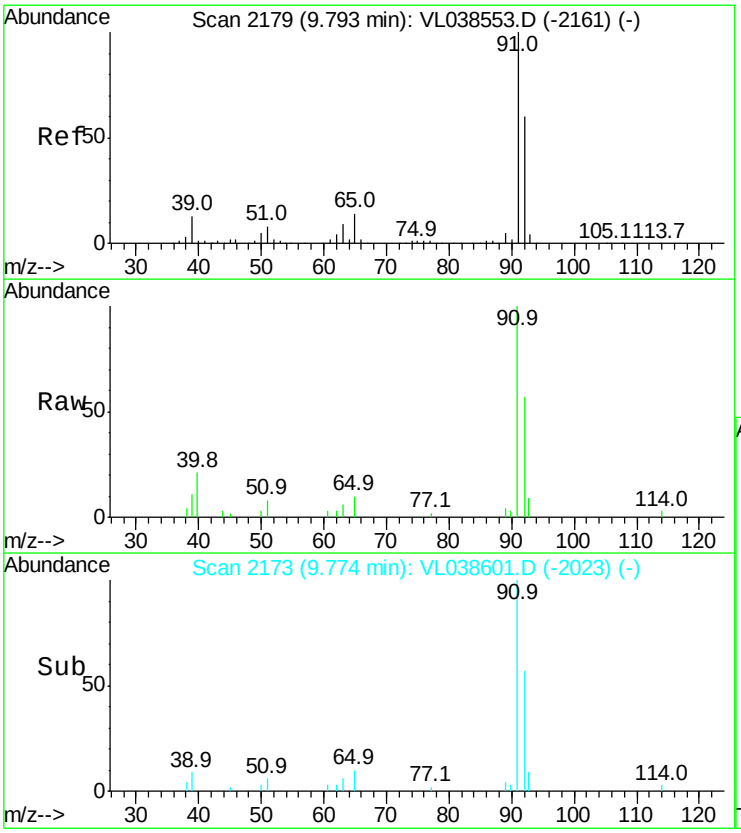
#52
Tetrachloroethene
Concen: 0.06 ppbv
RT: 11.19
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:164 Resp: 3819

Ion	Ratio	Lower	Upper
164	100		
166	93.6	103.4	155.2#
129	64.4	81.3	121.9#
131	90.4	79.8	119.8

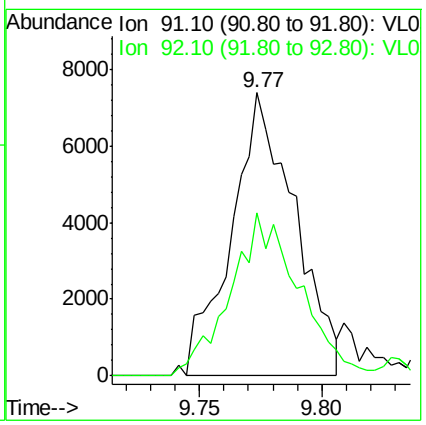


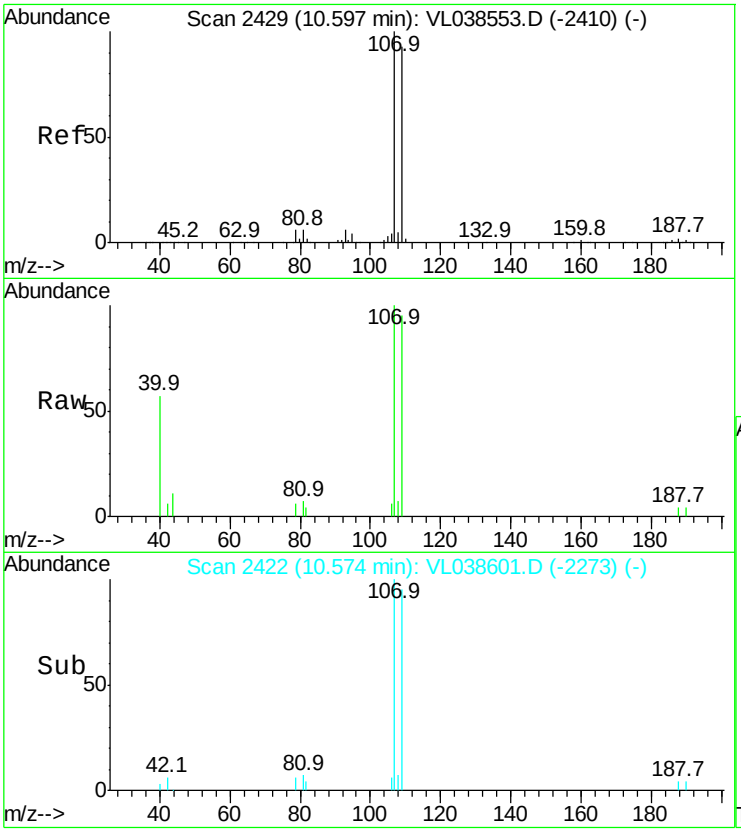


#53
Toluene
Concen: 0.07 ppbv
RT: 9.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 91 Resp: 13322

Ion	Ratio	Lower	Upper
91	100		
92	64.0	48.1	72.1



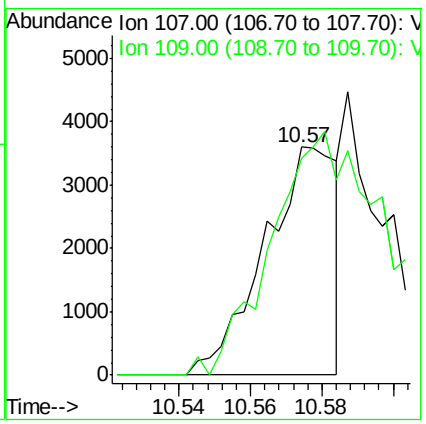


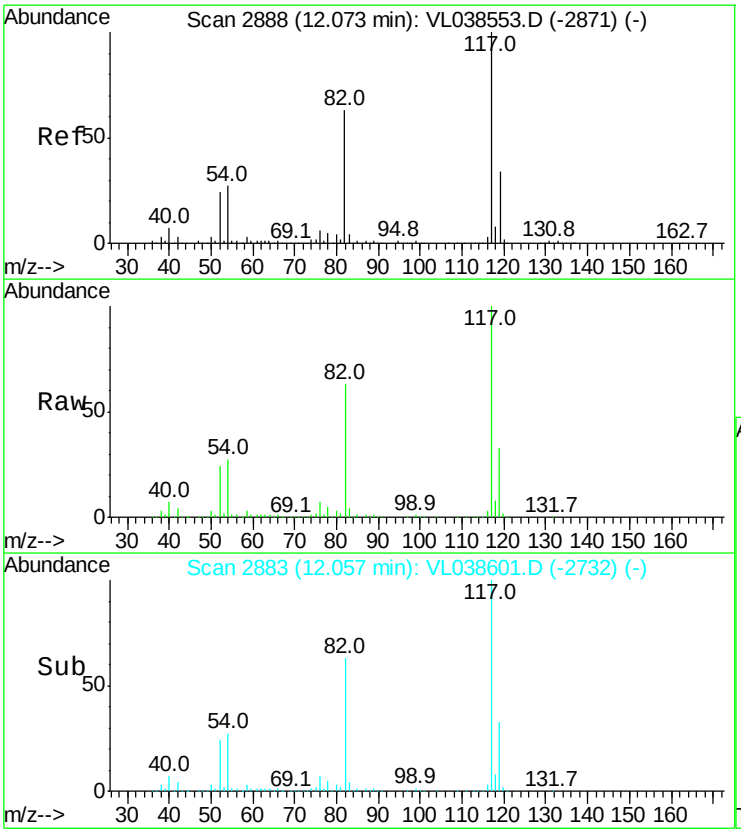
#54
1,2-Dibromoethane
Concen: 0.05 ppbv
RT: 10.57
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:107 Resp: 4998

Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.6	112.0

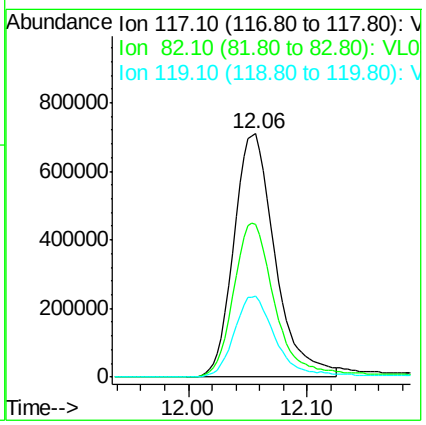


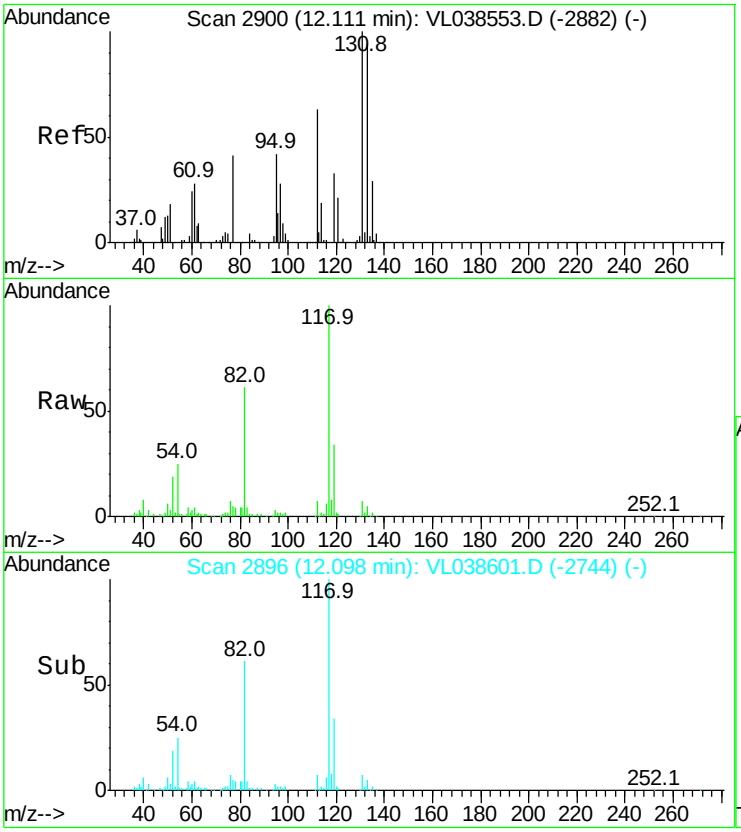


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:117 Resp: 1709449

Ion	Ratio	Lower	Upper
117	100		
82	66.9	52.5	78.7
119	34.1	46.4	69.6#



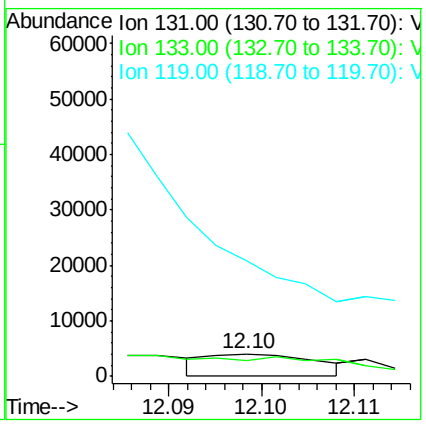


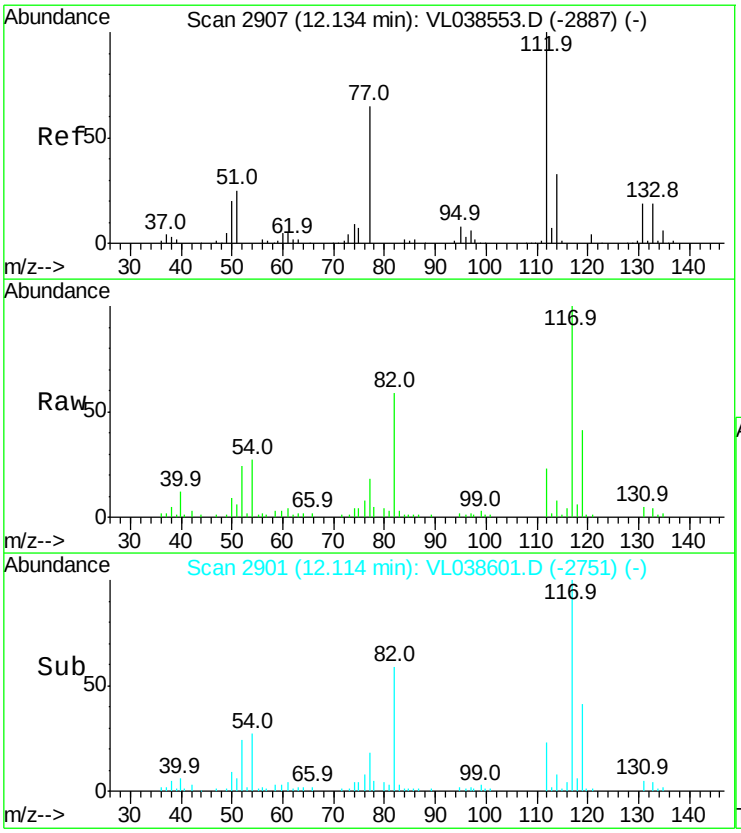
#56
1,1,1,2-Tetrachloroethane
Concen: 0.05 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:131 Resp: 3314

Ion	Ratio	Lower	Upper
131	100		
133	0.0	78.0	117.0#
119	0.0	53.1	79.7#

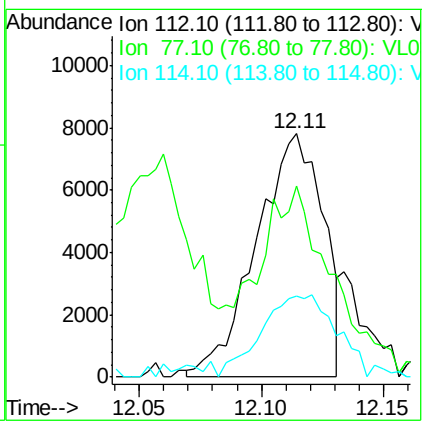


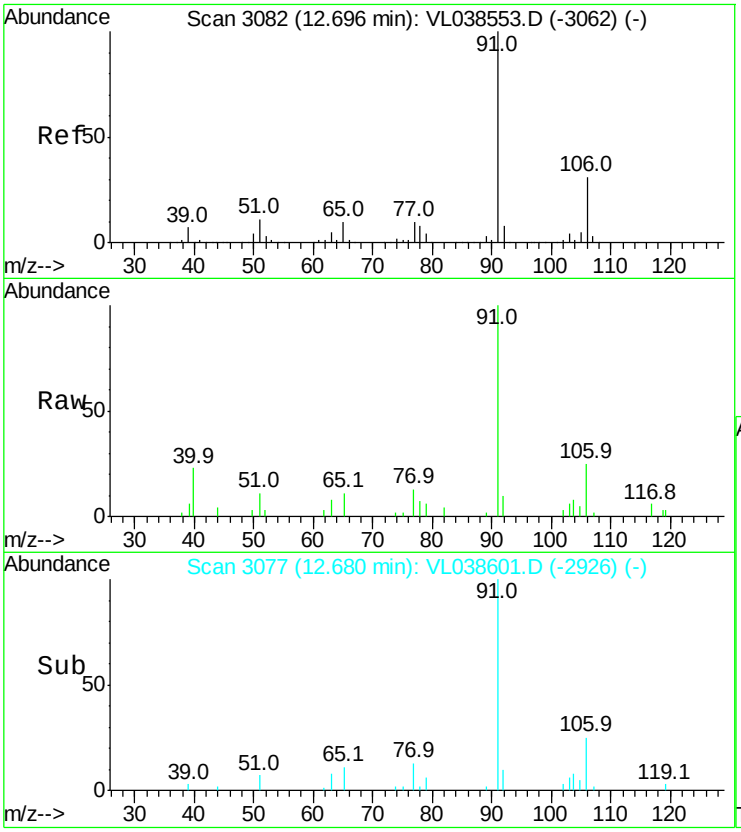


#57
Chlorobenzene
Concen: 0.11 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:112 Resp: 14829

Ion	Ratio	Lower	Upper
112	100		
77	37.8	52.5	78.7#
114	29.0	30.0	36.6#



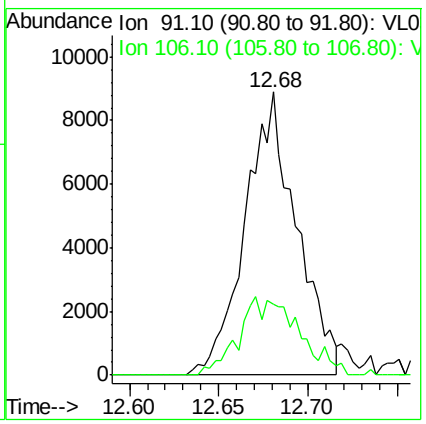


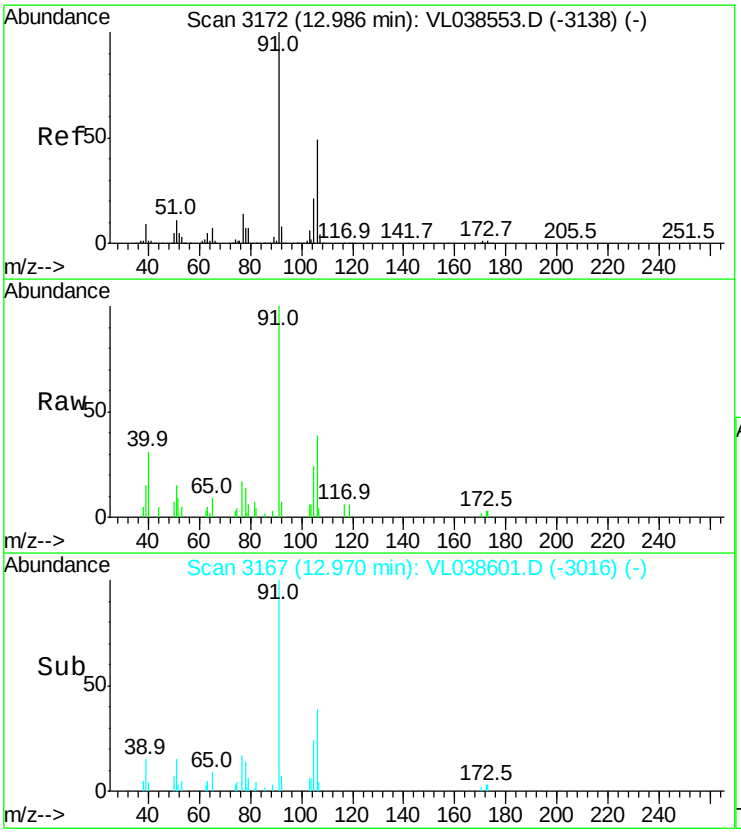
#58
Ethyl Benzene
Concen: 0.08 ppbv
RT: 12.68
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 91 Resp: 17898

Ion	Ratio	Lower	Upper
91	100		
106	25.3	24.6	37.0

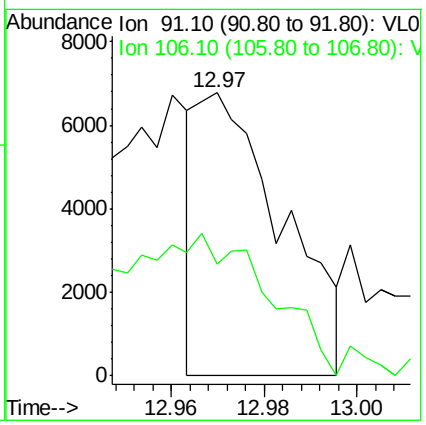


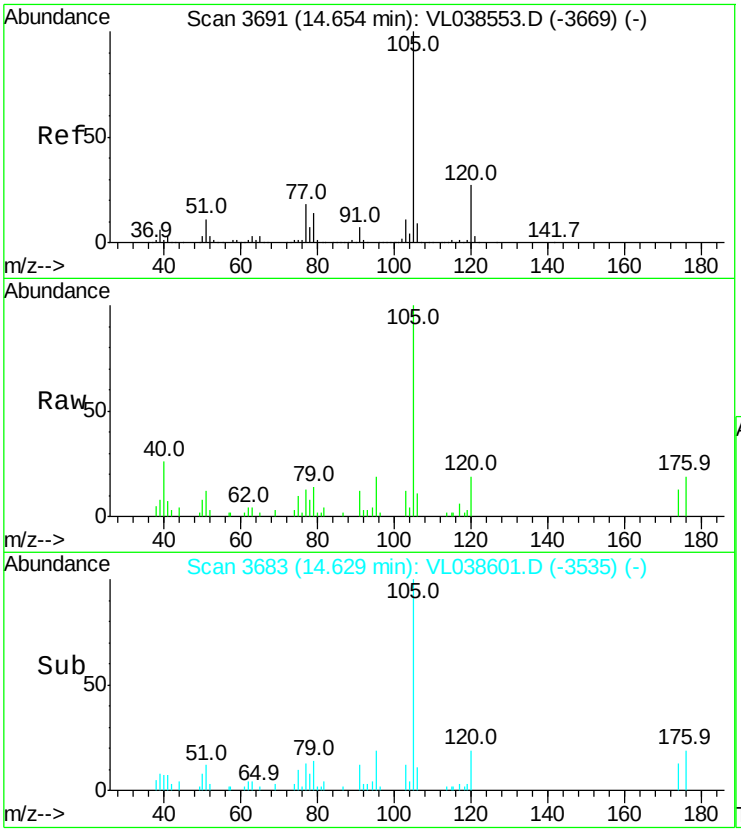


#59
m/p-Xylene
Concen: 0.05 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 91 Resp: 8650

Ion	Ratio	Lower	Upper
91	100		
106	143.8	37.1	55.7#



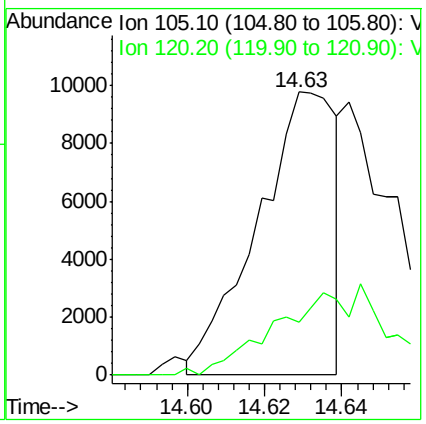


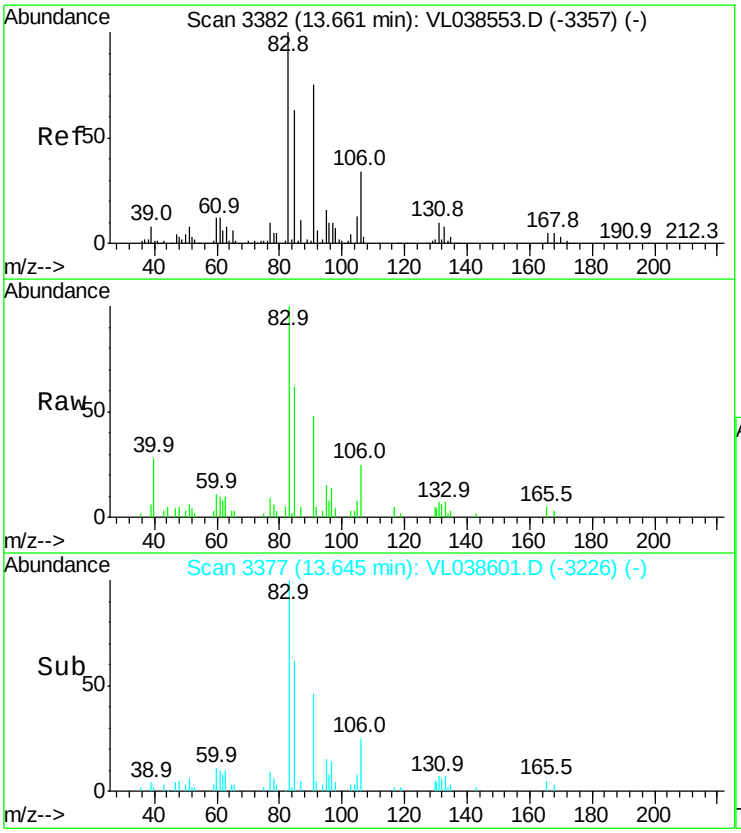
#62
Isopropylbenzene
Concen: 0.06 ppbv
RT: 14.63
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:105 Resp: 13797

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.2	31.8#

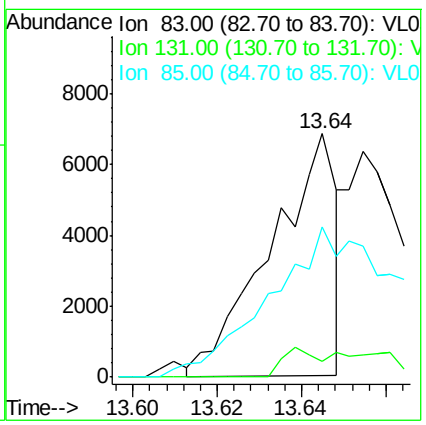


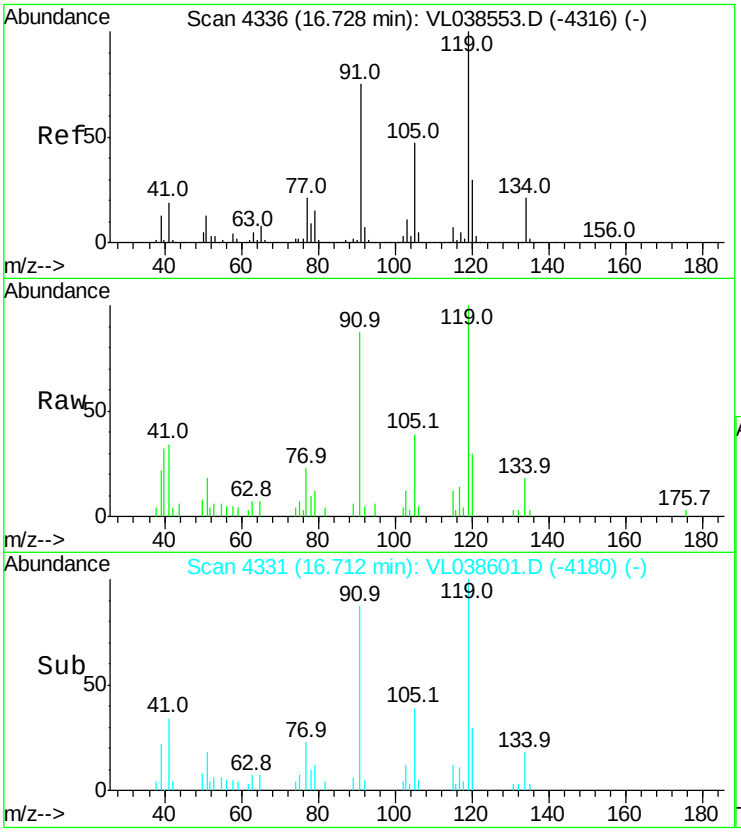


#63
1,1,2,2-Tetrachloroethane
Concen: 0.05 ppbv
RT: 13.64 min Scan# 3377
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 83 Resp: 7417

Ion	Ratio	Lower	Upper
83	100		
131	18.3	4.7	14.1#
85	152.0	32.6	98.0#



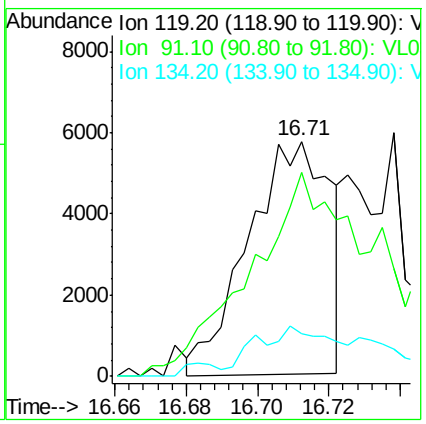


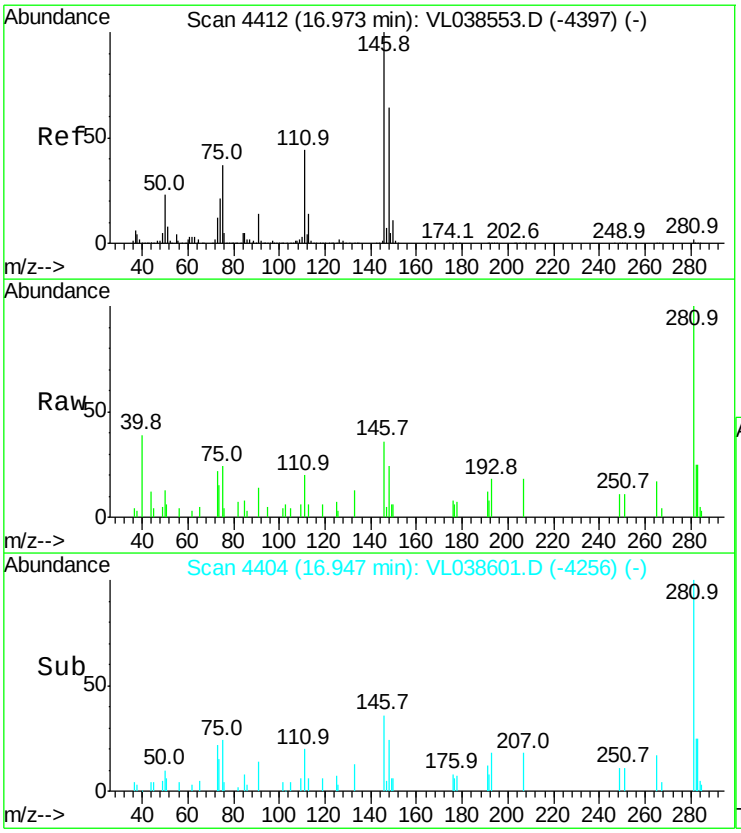
#65
tert-Butylbenzene
Concen: 0.04 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:119 Resp: 9104

Ion	Ratio	Lower	Upper
119	100		
91	153.7	61.2	91.8#
134	35.7	16.2	24.2#

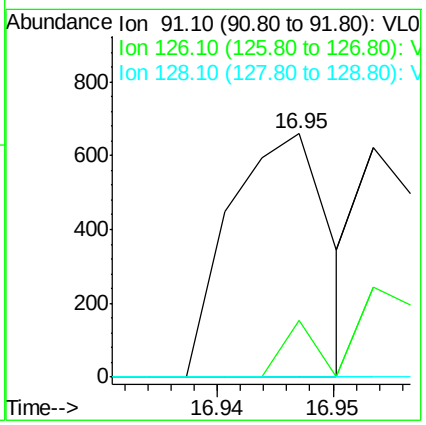


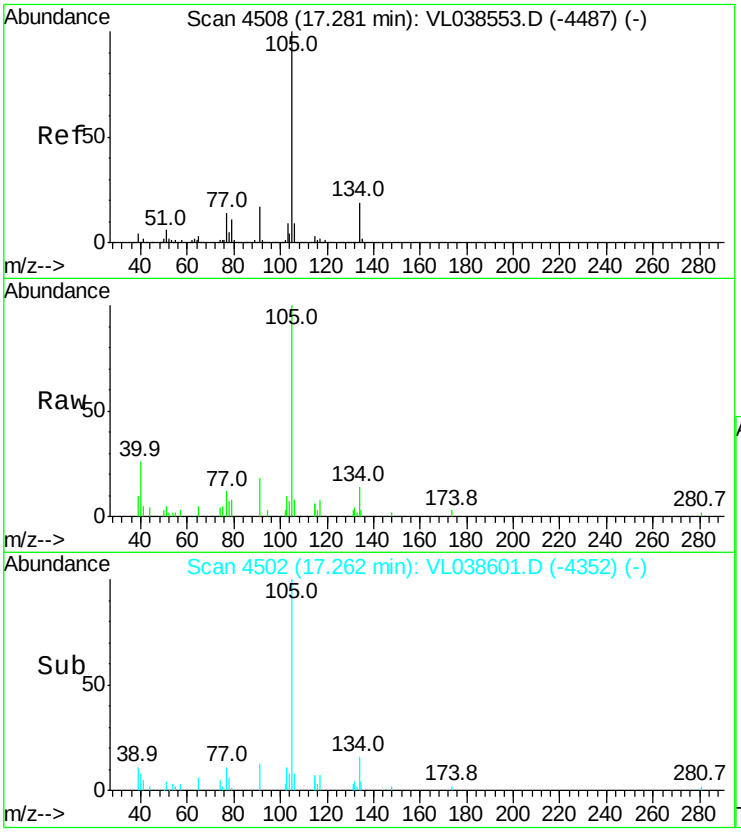


#66
Benzyl Chloride
Concen: 0.03 ppbv
RT: 16.95 min Scan# 4404
Delta R.T. -0.03 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 91 Resp: 395

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	0.0	5.1	7.7#



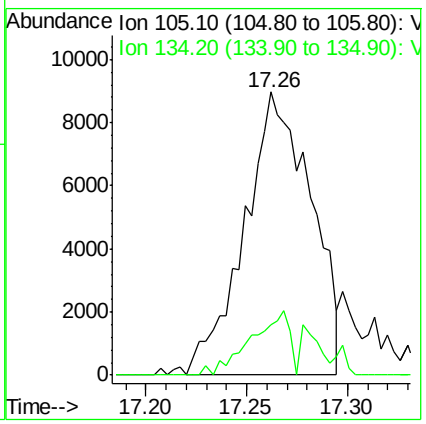


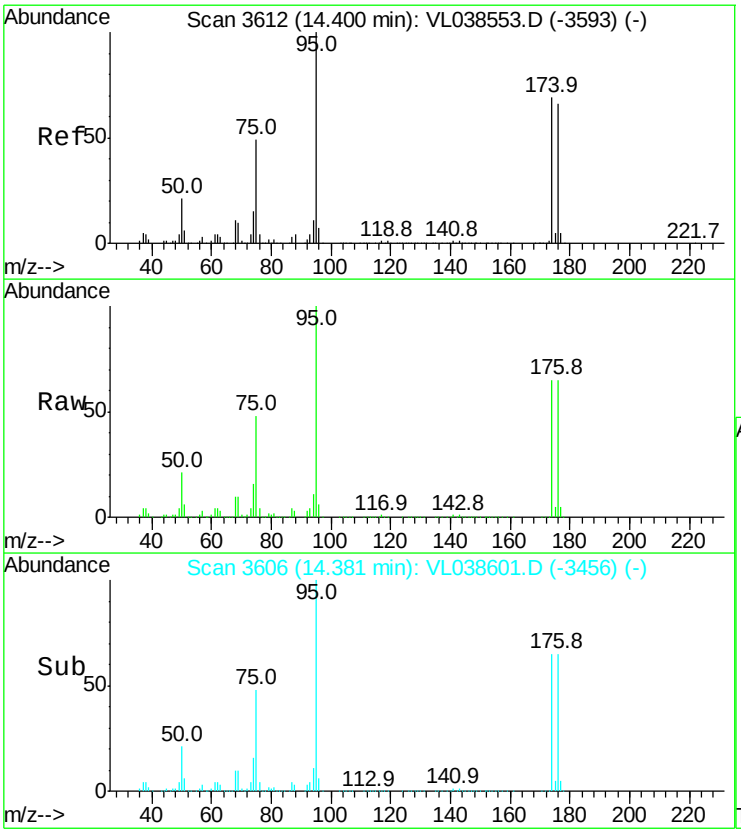
#67
sec-Butylbenzene
Concen: 0.07 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:105 Resp: 20584

Ion	Ratio	Lower	Upper
105	100		
134	19.5	15.0	22.6

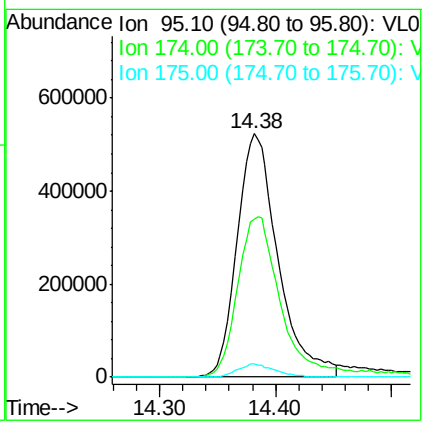


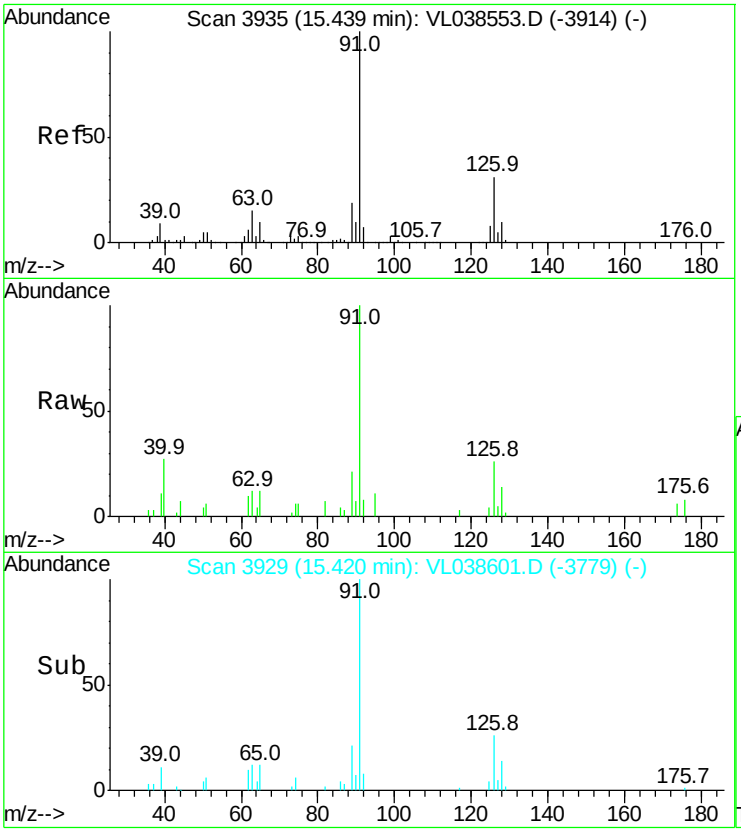


#68
1-Bromo-4-Fluorobenzene
Concen: 9.88 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion: 95 Resp: 1283721

Ion	Ratio	Lower	Upper
95	100		
174	73.2	56.2	84.4
175	5.0	4.2	6.2



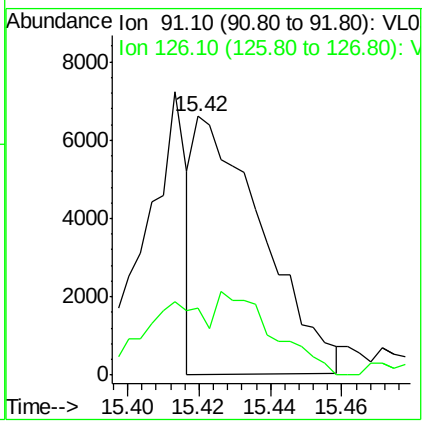


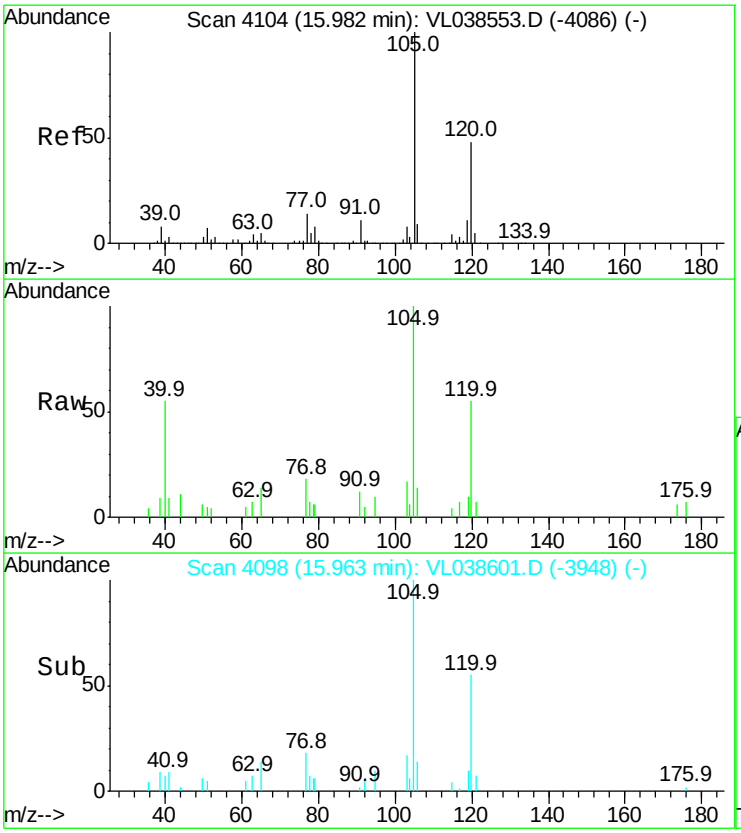
#71
2-Chlorotoluene
Concen: 0.05 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 91 Resp: 8738

Ion	Ratio	Lower	Upper
91	100		
126	57.2	12.9	51.7#

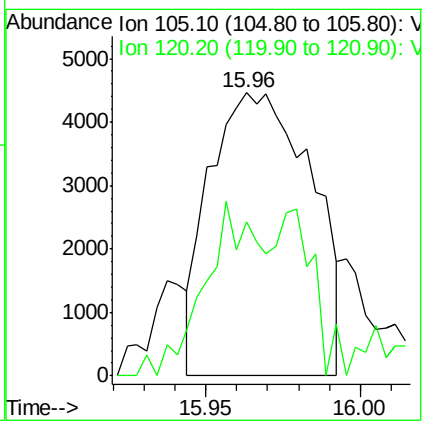


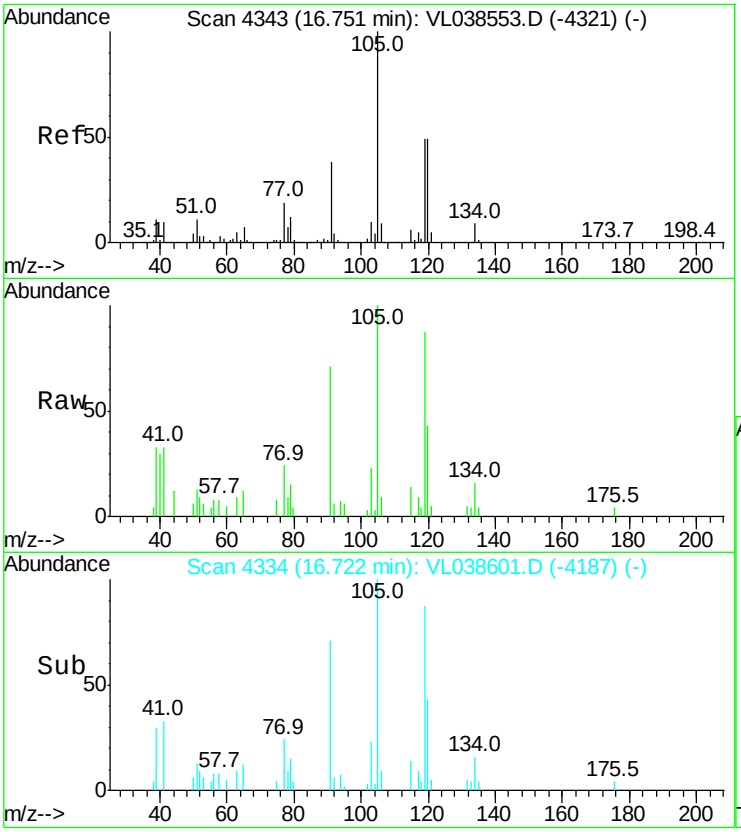


#73
1,3,5-Trimethylbenzene
Concen: 0.05 ppbv
RT: 15.96 min Scan# 4098
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:105 Resp: 10151

Ion	Ratio	Lower	Upper
105	100		
120	54.7	38.3	57.5



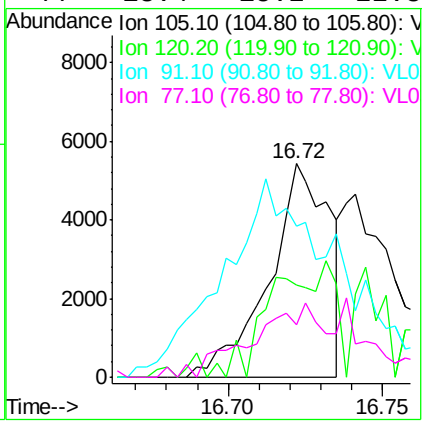


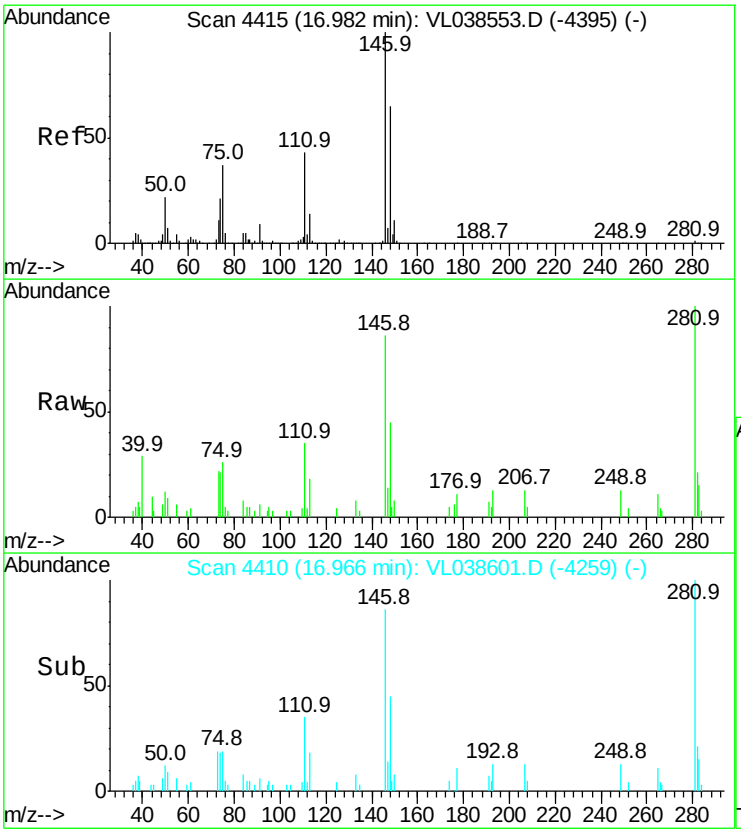
#74
1,2,4-Trimethylbenzene
Concen: 0.04 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:105 Resp: 7371

Ion	Ratio	Lower	Upper
105	100		
120	43.9	38.9	58.3
91	44.1	30.6	46.0
77	18.4	15.2	22.8

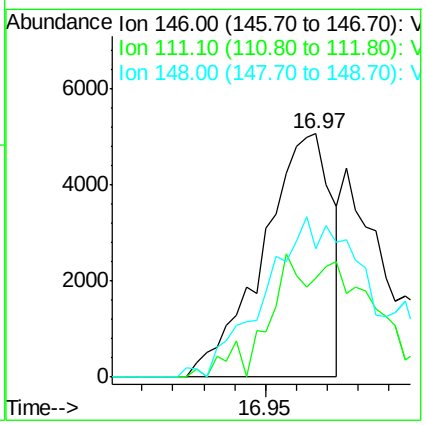


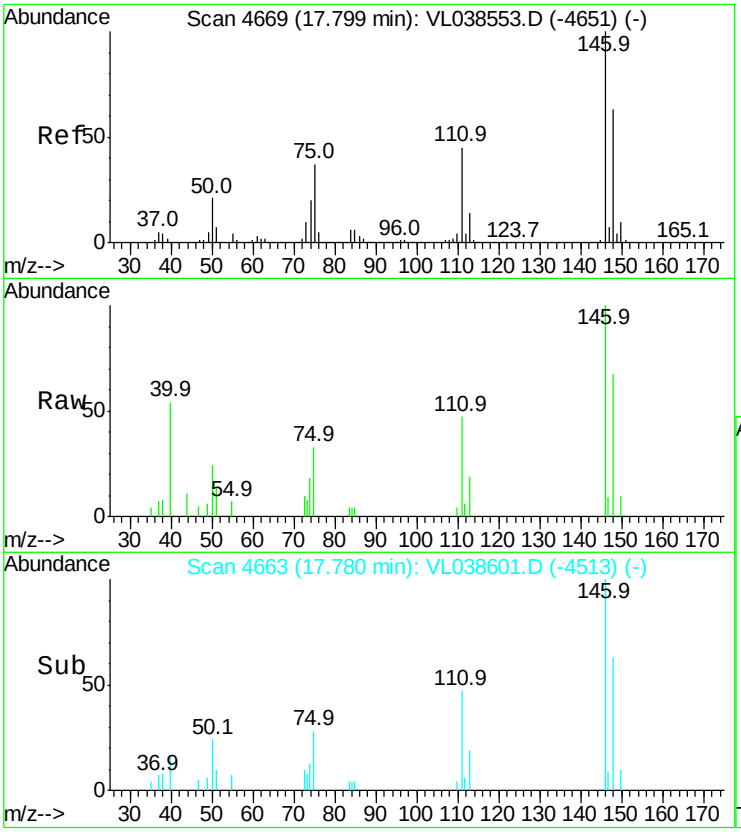


#75
1,3-Dichlorobenzene
Concen: 0.06 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.02 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:146 Resp: 7810

Ion	Ratio	Lower	Upper
146	100		
111	75.7	21.9	65.8#
148	111.6	32.2	96.6#



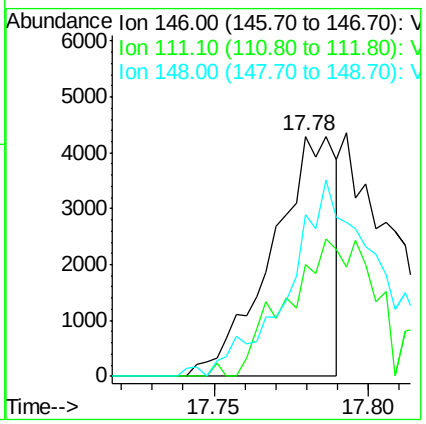


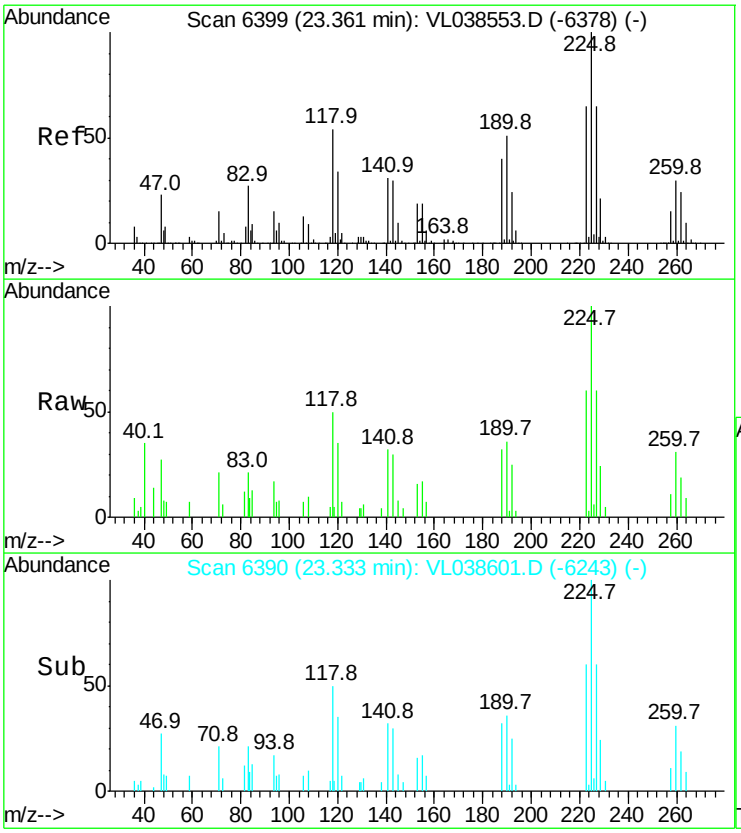
#77
1,2-Dichlorobenzene
Concen: 0.05 ppbv
RT: 17.78
Delta R.T
Lab File:
Acq: 14 Mar 2022 18:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:146 Resp: 6177

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.2	69.5#
148	0.0	32.6	98.0#





#78
Hexachloro-1,3-Butadiene
Concen: 0.04 ppbv
RT: 23.33 min Scan# 6390
Delta R.T. -0.03 min
Lab File: VL038601.D
Acq: 14 Mar 2022 18:15

Tgt Ion:225 Resp: 5484

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.4	77.0#
227	0.0	51.9	77.9#