Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038646.D
Acq On : 18 Mar 2022 4:17
Operator : SY/AP
Sample : N1645-15 0.45 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Quant Time: Mar 18 04:55:05 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	5.66	49	525816	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2002895	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1727244	10.00	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1261266	9.60	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	49315	0.62	ppbv		100
3) Chlorodifluoromethane	2.98	51	71891	0.78	ppbv		98
4) Chloromethane	3.14	50	26678	0.78	ppbv	#	87
5) Vinyl Chloride	3.26	62	20593	0.60	ppbv		97
6) Bromomethane	3.47	94	12670	0.68	ppbv		89
7) Chloroethane	3.56	64	7758	0.69	ppbv		96
8) Dichlorotetrafluoroethane	3.19	85	60156	0.78	ppbv		98
9) Propene	3.01	41	12384	0.38	ppbv	#	15
10) Heptane	8.12	43	45294	0.58	ppbv		91
11) Trichlorofluoromethane	3.95	101	52673	0.76	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.48	101	43409	0.80	ppbv		98
13) Ethanol	3.62	45	2496	0.66	ppbv		76
14) Bromoethene	3.74	108	16127	0.70	ppbv	#	97
15) Acetone	3.86	43	25974	0.70	ppbv	#	83
16) 1,3-Butadiene	3.33	39	19029	0.64	ppbv		89
17) tert-Butyl alcohol	4.30	59	9303	0.23	ppbv	#	73
18) 1,1-Dichloroethene	4.29	96	17057	0.70	ppbv		92
19) Isopropyl Alcohol	3.98	45	5430	0.22	ppbv	#	92
20) Methylene Chloride	4.35	84	18428	0.83	ppbv		98
21) Allyl Chloride	4.41	41	23020	0.64	ppbv	#	84
22) trans-1,2-Dichloroethene	4.89	96	14410	0.57	ppbv	#	86
23) Vinyl Acetate	5.08	43	34356	0.65	ppbv	#	93
24) 1,1-Dichloroethane	5.01	63	38133	0.79	ppbv		97
25) Ethyl Acetate	5.69	43	65346	0.52	ppbv	#	94
26) Hexane	5.69	57	31977	0.55	ppbv		91
27) Carbon Disulfide	4.55	76	22710	0.39	ppbv	#	59
28) Methyl tert-Butyl Ether	5.04	73	32236	0.68	ppbv		95
29) Chloroform	5.75	83	64655	0.71	ppbv		94
30) Cyclohexane	7.13	84	17120	0.34	ppbv	#	45
31) cis-1,2-Dichloroethene	5.55	61	21764	0.39	ppbv	#	93
32) 1,1,1-Trichloroethane	6.51	97	64334	0.73	ppbv		98
34) 2-Butanone	5.26	43	22922	0.44	ppbv	#	89
35) Carbon Tetrachloride	7.02	117	65998	0.48	ppbv		96
36) Benzene	6.89	78	83050	0.46	ppbv		94
37) 1,2-Dichloroethane	6.30	62	43880	0.51	ppbv		99
38) Trichloroethene	7.83	130	31401	0.43	ppbv		92
39) 1,2-Dichloropropane	7.61	63	32333	0.47	ppbv		93
40) 1,4-Dioxane	7.85	88	2022	0.12	ppbv	#	1
41) Tetrahydrofuran	6.07	42	6387	0.15	ppbv	#	37
42) Bromodichloromethane	7.79	83	63233	0.46	ppbv	#	90
43) Methyl Methacrylate	8.02	69	12749	0.21	ppbv	#	14

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038646.D
Acq On : 18 Mar 2022 4:17
Operator : SY/AP
Sample : N1645-15 0.45 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Quant Time: Mar 18 04:55:05 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)
44) 2,2,4-Trimethylpentane	7.86	57	136271	0.45	ppbv		95
45) t-1,3-Dichloropropene	9.28	75	6258	0.14	ppbv		90
46) cis-1,3-Dichloropropene	8.69	75	7376	0.12	ppbv		92
47) 1,1,2-Trichloroethane	9.47	97	34538	0.49	ppbv		97
48) Dibromochloromethane	10.30	129	46126	0.41	ppbv		100
49) Bromoform	13.03	173	21246	0.25	ppbv	#	58
50) 4-Methyl-2-Pentanone	8.75	43	12168	0.11	ppbv	#	38
51) 2-Hexanone	10.15	43	7060	0.16	ppbv	#	28
52) Tetrachloroethene	11.22	164	28867	0.44	ppbv		95
53) Toluene	9.81	91	72024	0.37	ppbv		100
54) 1,2-Dibromoethane	10.61	107	43512	0.43	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.13	131	24825	0.35	ppbv	#	34
57) Chlorobenzene	12.15	112	72261	0.55	ppbv	#	89
58) Ethyl Benzene	12.71	91	90698	0.41	ppbv		95
59) m/p-Xylene	13.00	91	64687	0.34	ppbv	#	2
60) o-Xylene	13.69	91	74749	0.41	ppbv		100
61) Styrene	13.53	104	28601	0.32	ppbv		96
62) Isopropylbenzene	14.67	105	47979	0.19	ppbv	#	37
63) 1,1,2,2-Tetrachloroethane	13.68	83	74138	0.49	ppbv		94
64) n-propylbenzene	15.56	120	24965	0.39	ppbv		65
65) tert-Butylbenzene	16.75	119	95974	0.43	ppbv		90
66) Benzyl Chloride	17.00	91	1406	0.11	ppbv	#	31
67) sec-Butylbenzene	17.29	105	135521	0.43	ppbv		99
69) p-Isopropyltoluene	17.65	119	105351	0.40	ppbv		97
70) n-Butylbenzene	18.55	91	113683	0.41	ppbv		96
71) 2-Chlorotoluene	15.46	91	76124	0.41	ppbv		100
72) 4-Ethyltoluene	15.84	105	76123	0.37	ppbv	#	95
73) 1,3,5-Trimethylbenzene	16.00	105	76135	0.39	ppbv		97
74) 1,2,4-Trimethylbenzene	16.76	105	91774	0.45	ppbv	#	92
75) 1,3-Dichlorobenzene	17.00	146	61089	0.47	ppbv		95
76) 1,4-Dichlorobenzene	17.13	146	53768	0.42	ppbv		89
77) 1,2-Dichlorobenzene	17.82	146	30893	0.24	ppbv	#	18
78) Hexachloro-1,3-Butadiene	23.37	225	69928	0.55	ppbv		98
79) Naphthalene	22.20	128	57423	0.31	ppbv		98
80) Naphthalene,2-methyl-	24.97	142	3500	0.11	ppbv		97
81) 1,2,4-Trichlorobenzene	21.92	180	44727	0.38	ppbv		100

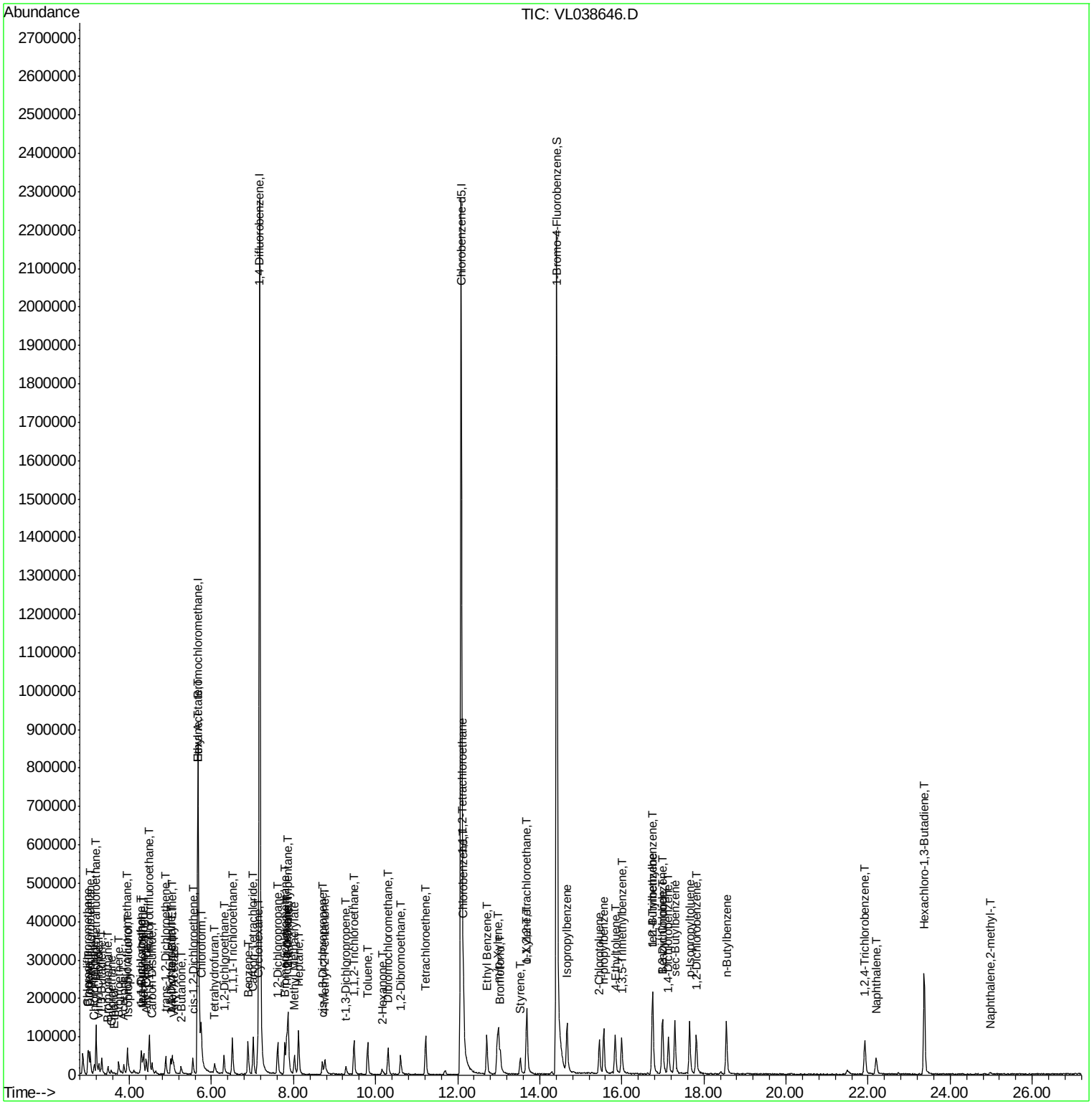
(#) = qualifier out of range (m) = manual integration (+) = signals summed

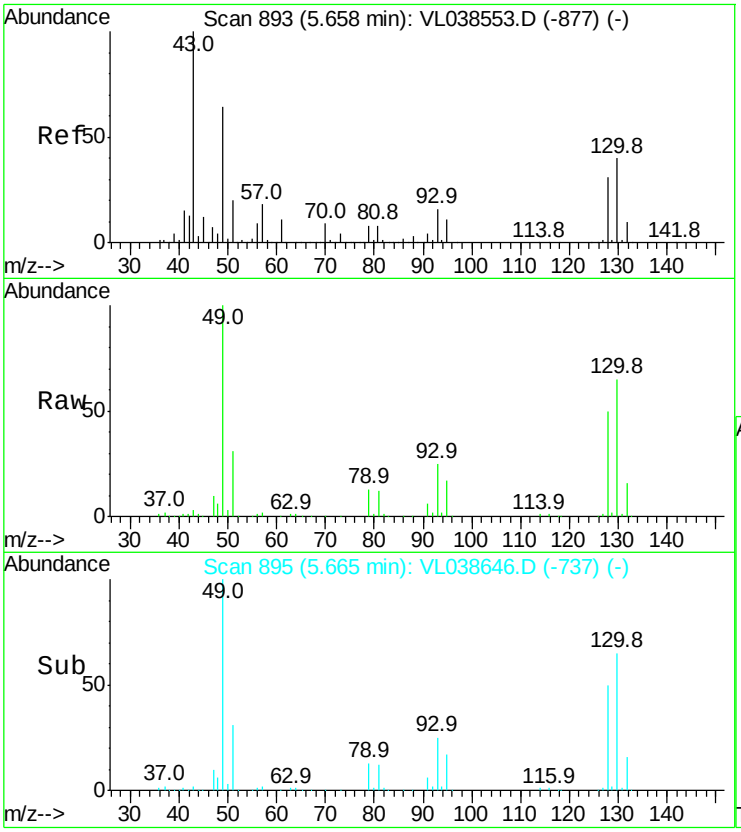
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038646.D
Acq On : 18 Mar 2022 4:17
Operator : SY/AP
Sample : N1645-15 0.45 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Quant Time: Mar 18 04:55:05 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



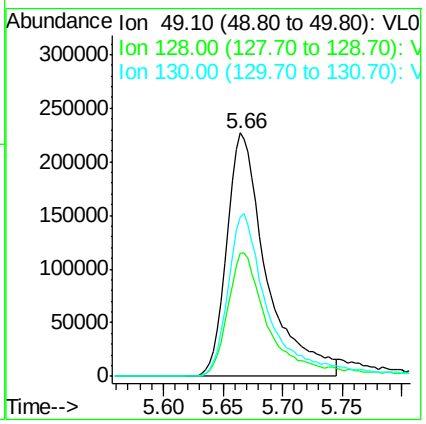


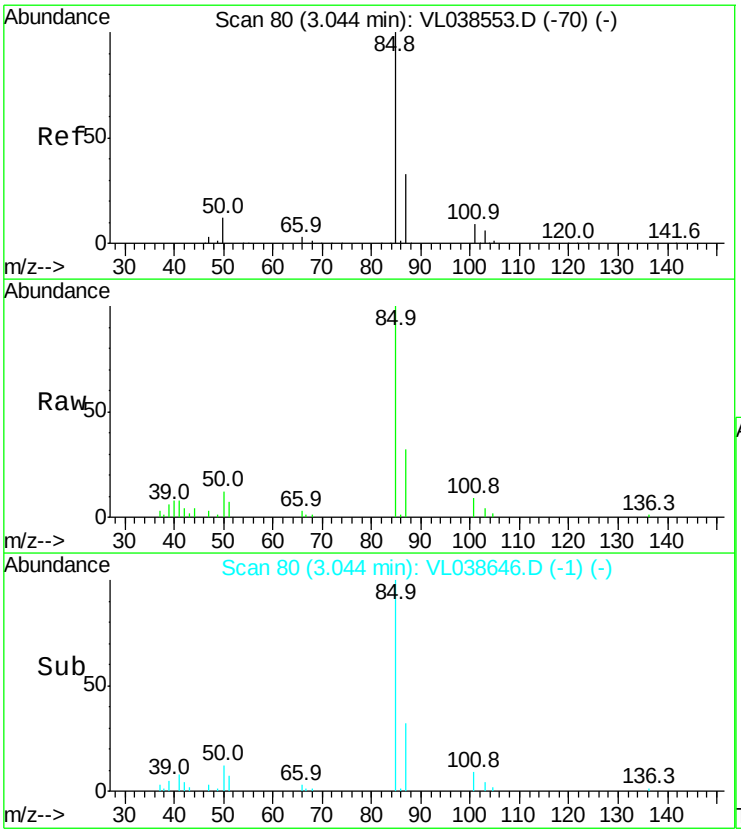
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 49 Resp: 525816

Ion	Ratio	Lower	Upper
49	100		
128	54.6	26.4	79.2
130	70.9	33.0	98.9

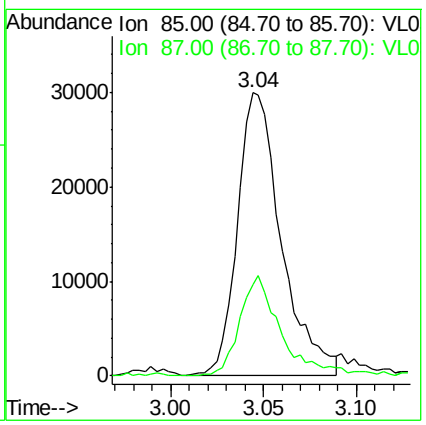


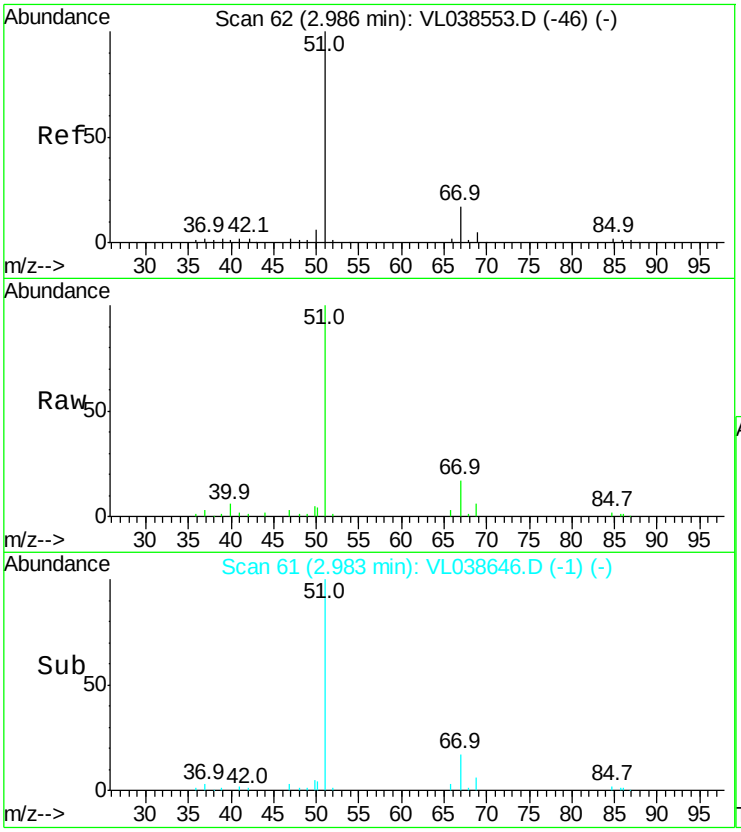


#2
Dichlorodifluoromethane
Concen: 0.62 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 85 Resp: 49315

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.2



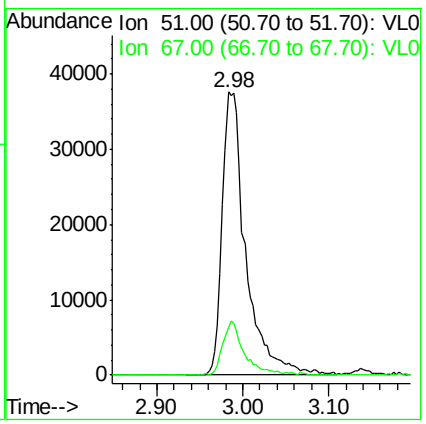


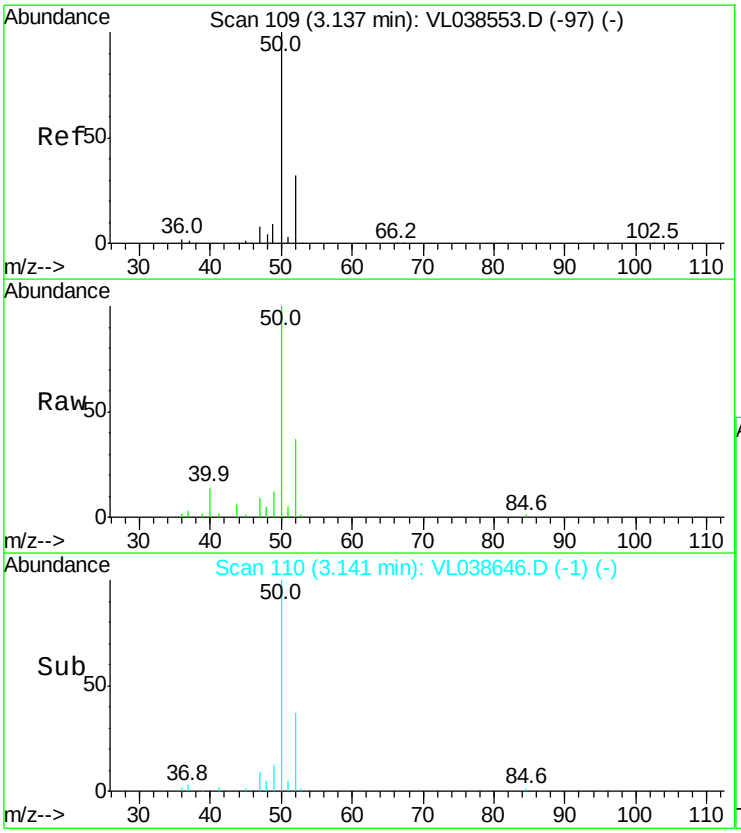
#3
Chlorodifluoromethane
Concen: 0.78 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 51 Resp: 71891

Ion	Ratio	Lower	Upper
51	100		
67	17.7	13.6	20.4

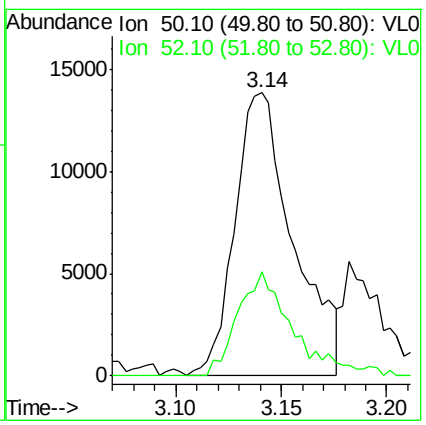


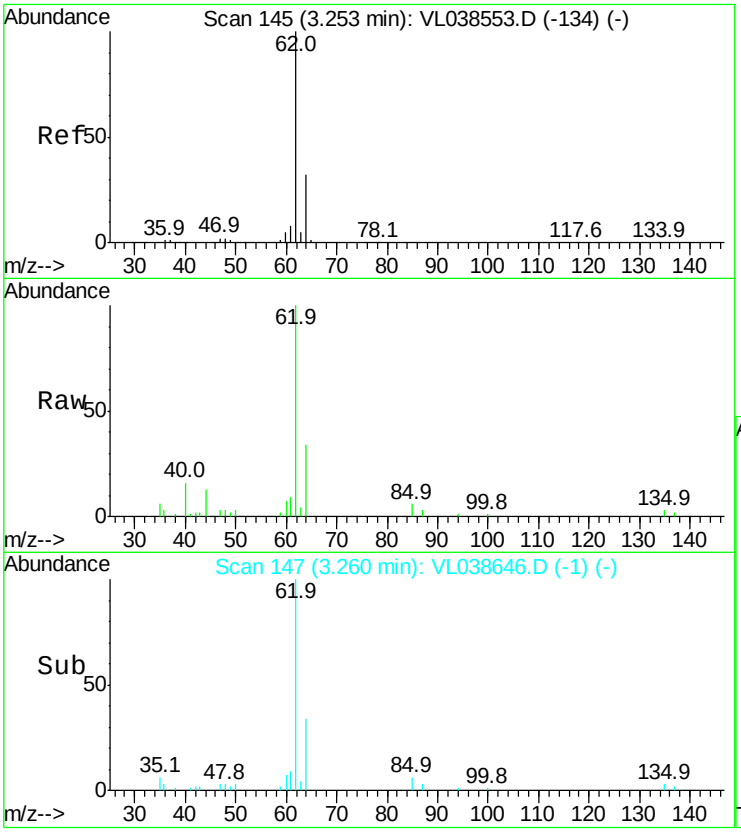


#4
Chloromethane
Concen: 0.78 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 50 Resp: 26678

Ion	Ratio	Lower	Upper
50	100		
52	39.4	25.6	38.4#



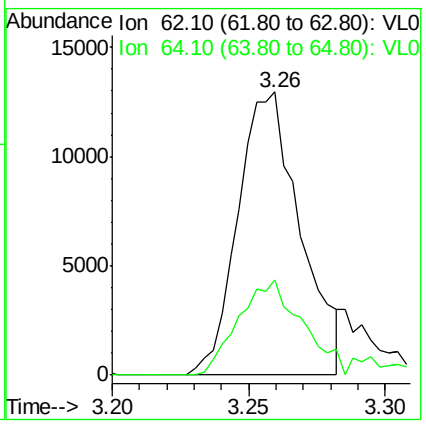


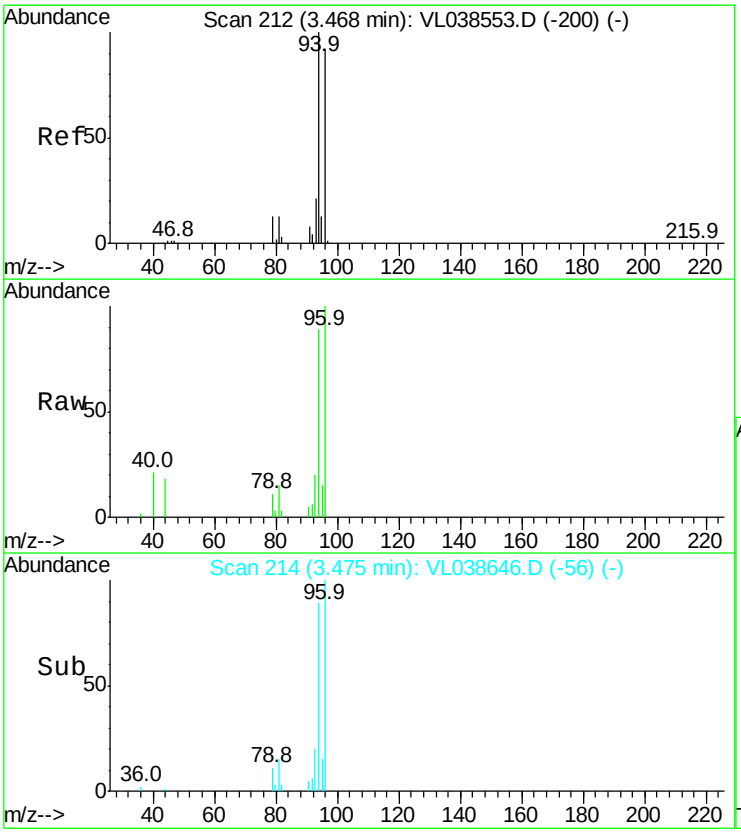
#5
Vinyl Chloride
Concen: 0.60 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 62 Resp: 20593

Ion	Ratio	Lower	Upper
62	100		
64	33.6	25.8	38.6

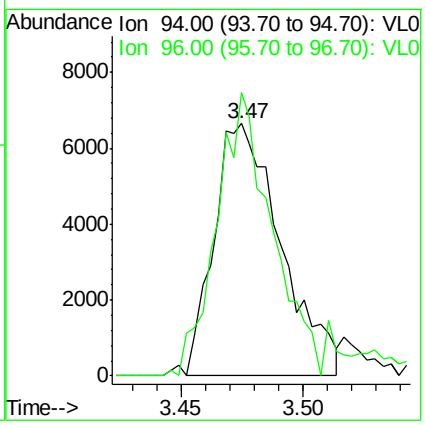


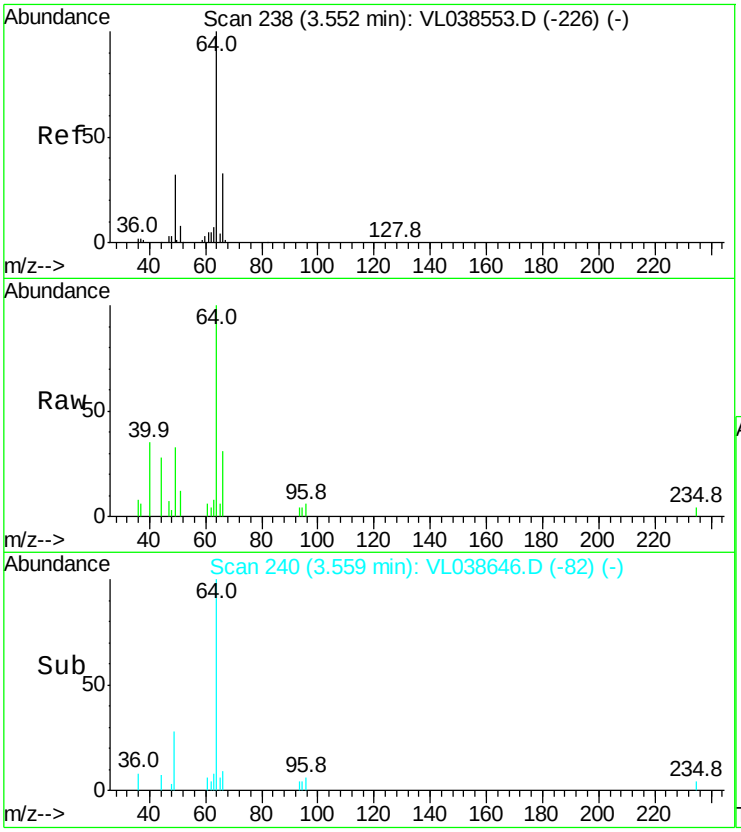


#6
Bromomethane
Concen: 0.68 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 94 Resp: 12670

Ion	Ratio	Lower	Upper
94	100		
96	102.4	73.7	110.5



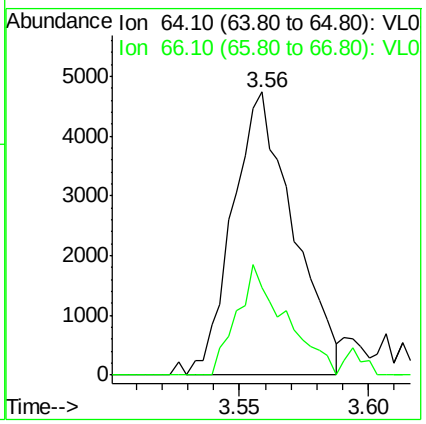


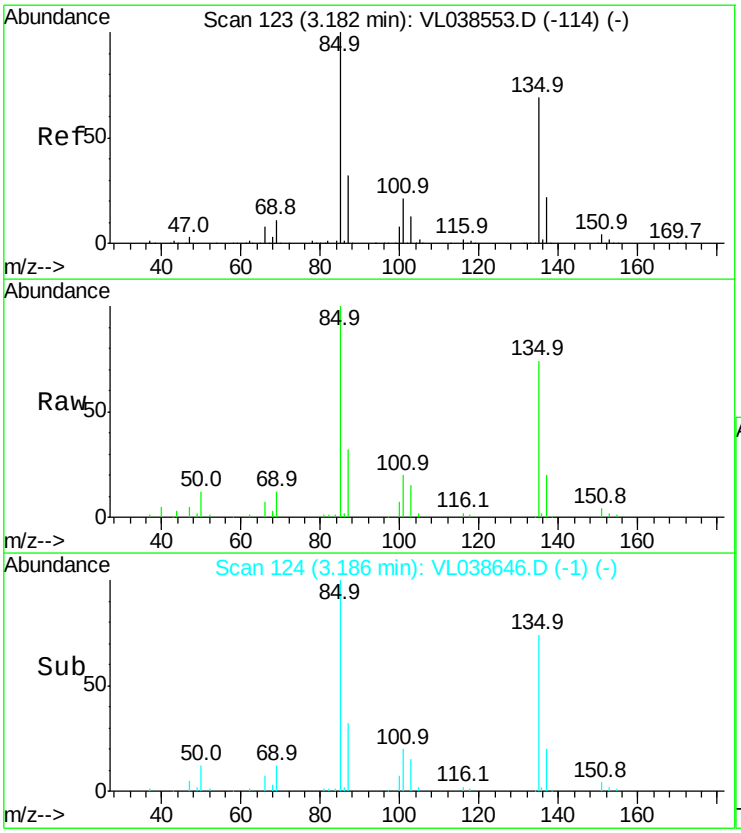
#7
Chloroethane
Concen: 0.69 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 64 Resp: 7758

Ion	Ratio	Lower	Upper
64	100		
66	31.1	26.6	39.8

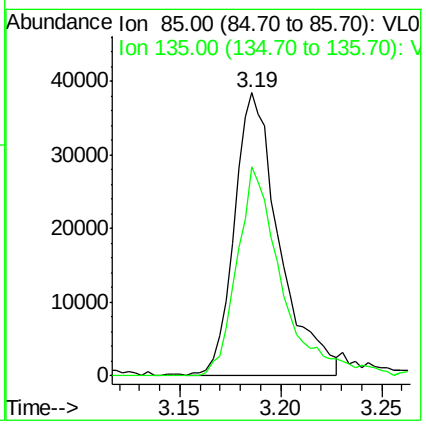


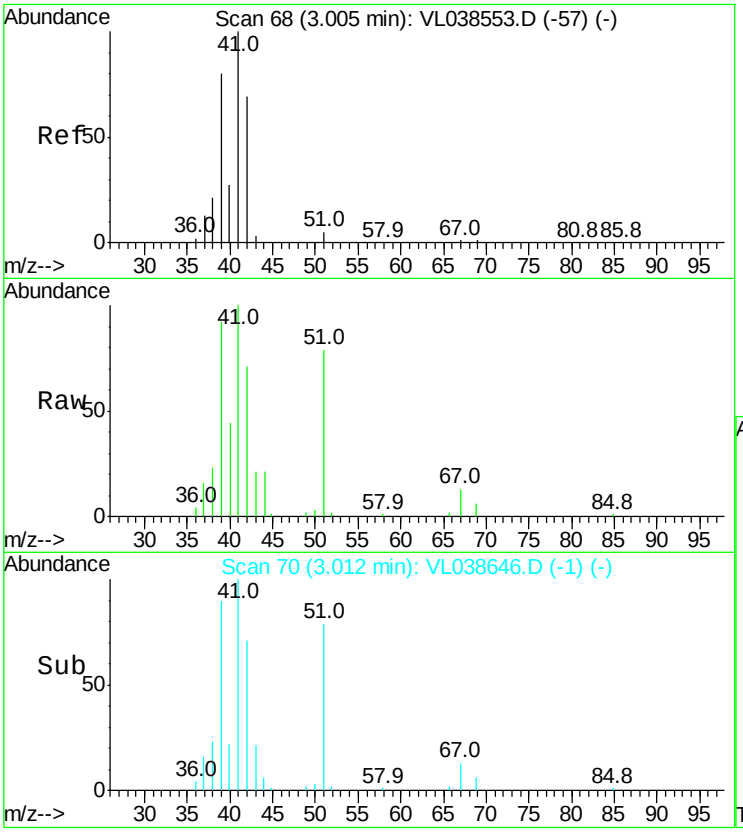


#8
Dichlorotetrafluoroethane
Concen: 0.78 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 85 Resp: 60156

Ion	Ratio	Lower	Upper
85	100		
135	75.3	59.0	88.4



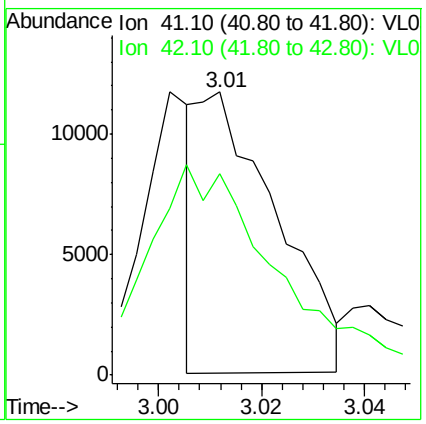


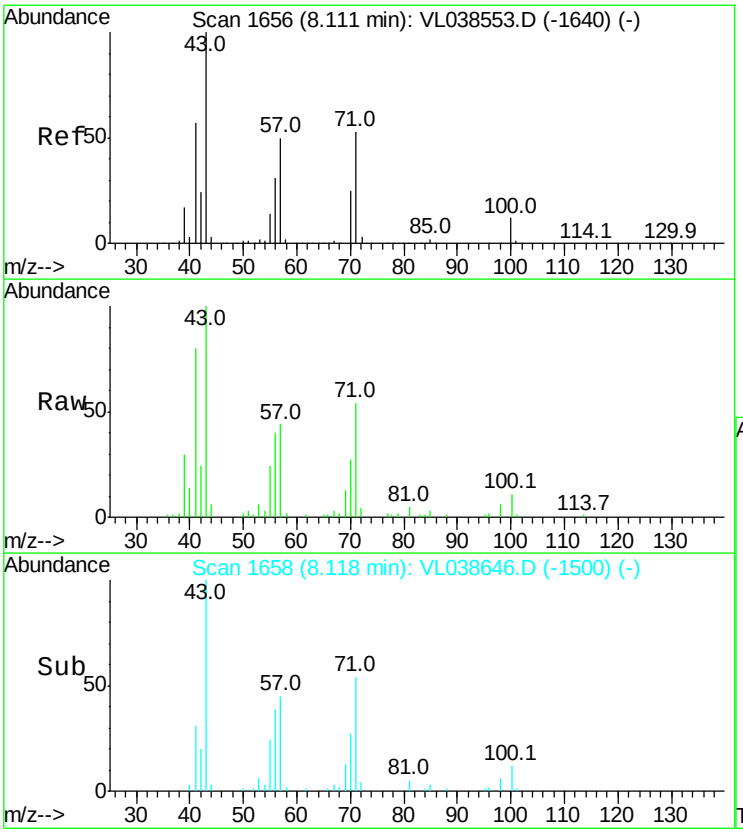
#9
Propene
Concen: 0.38 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 41 Resp: 12384

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.7	83.5#

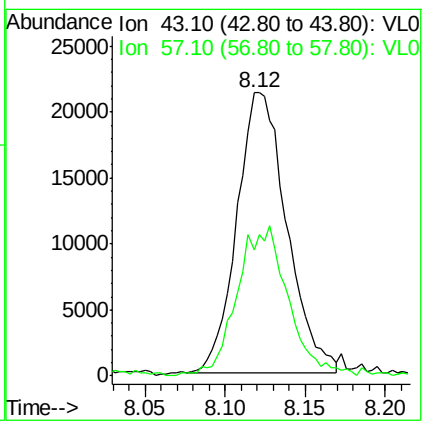


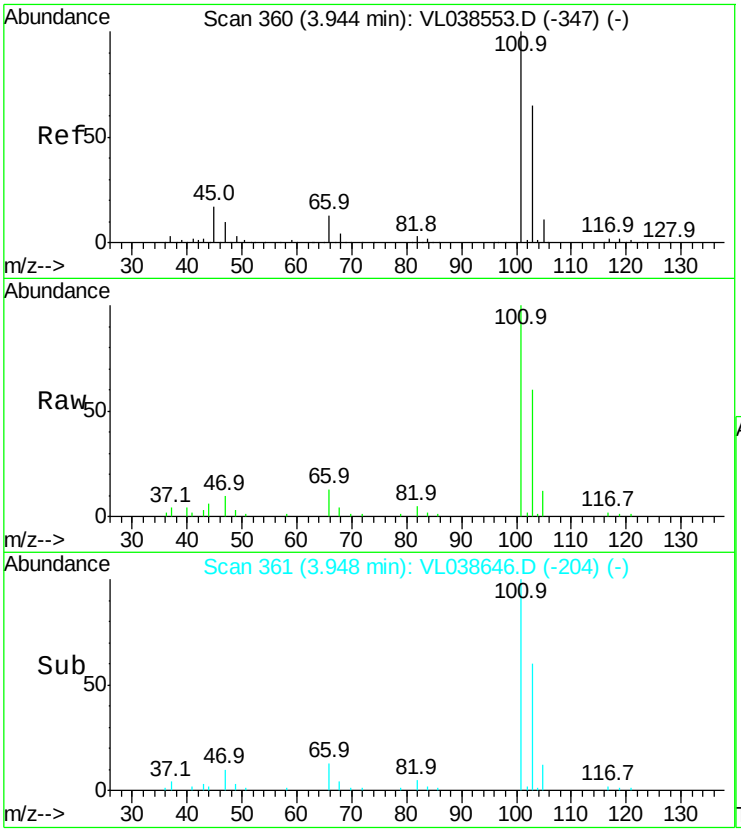


#10
Heptane
Concen: 0.58 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 43 Resp: 45294

Ion	Ratio	Lower	Upper
43	100		
57	55.9	39.6	59.4



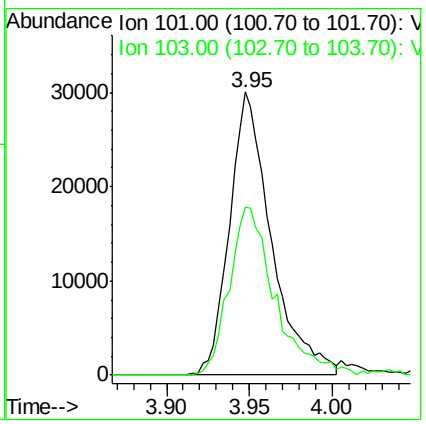


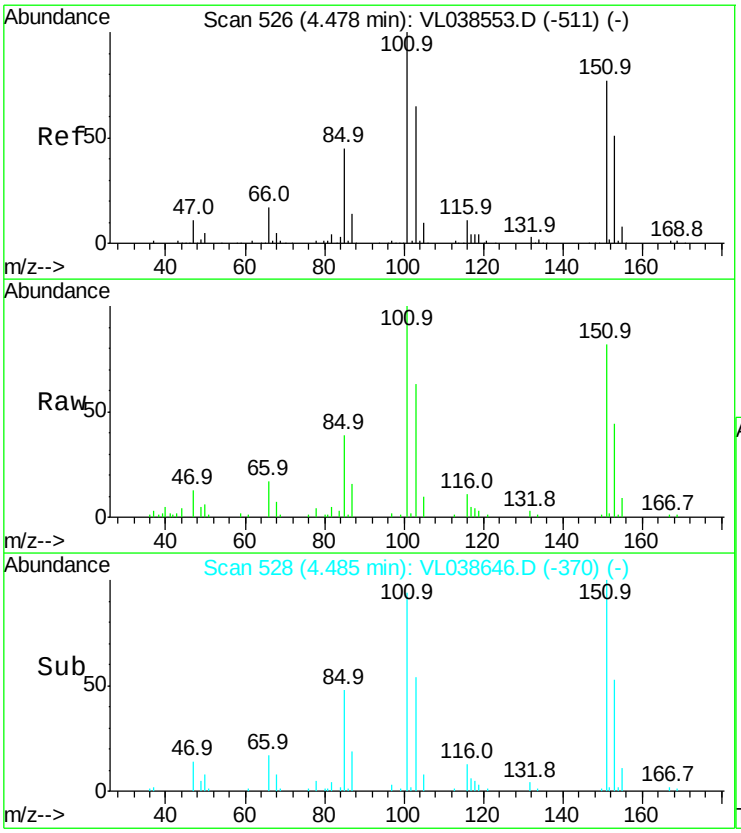
#11
Trichlorofluoromethane
Concen: 0.76 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:101 Resp: 52673

Ion	Ratio	Lower	Upper
101	100		
103	59.5	52.0	78.0

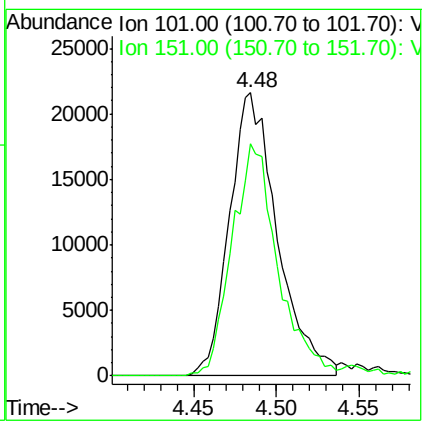


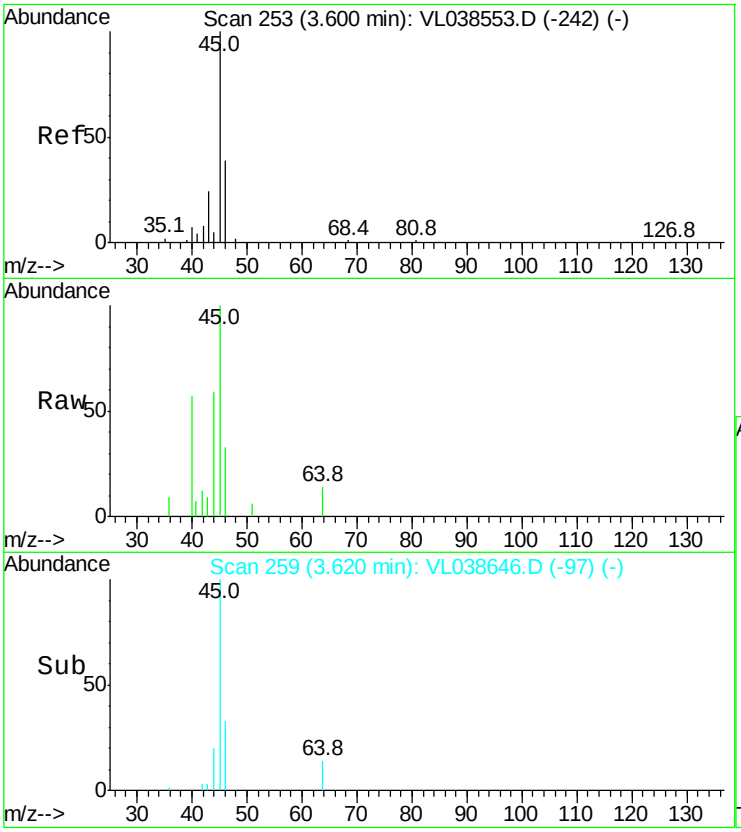


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.80 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:101 Resp: 43409

Ion	Ratio	Lower	Upper
101	100		
151	81.0	63.4	95.0



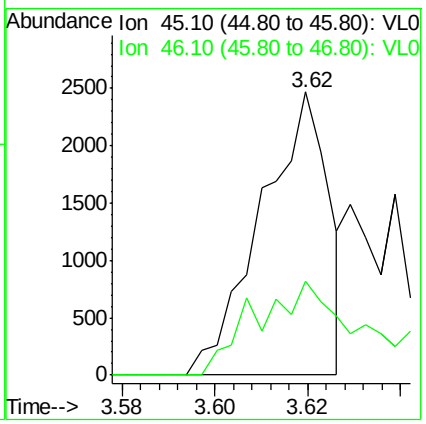


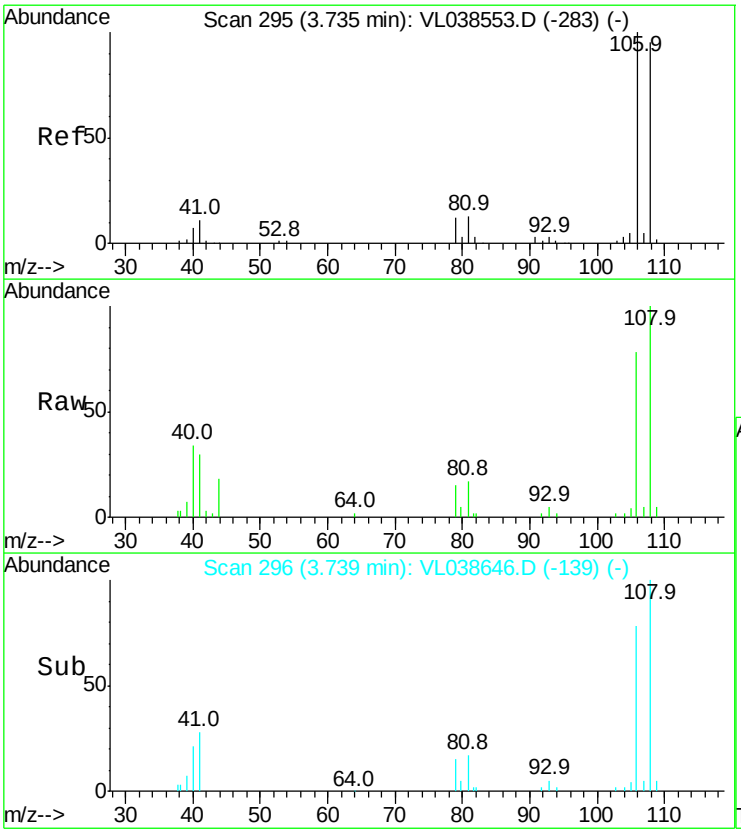
#13
Ethanol
Concen: 0.66 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 45 Resp: 2496

Ion	Ratio	Lower	Upper
45	100		
46	57.2	16.8	67.0

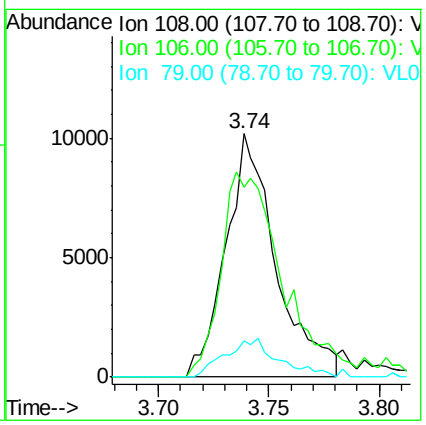


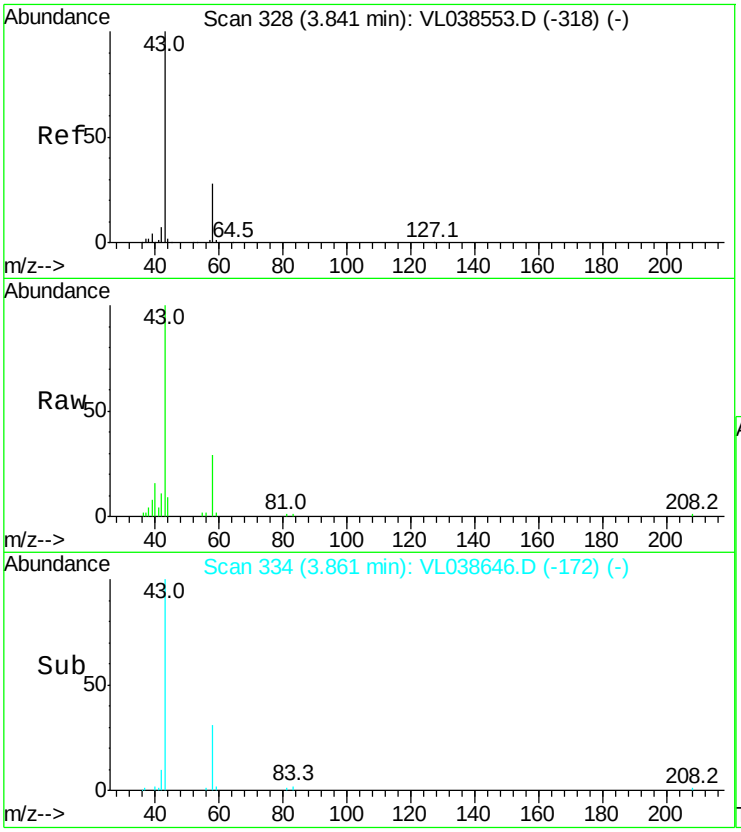


#14
Bromoethene
Concen: 0.70 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:108 Resp: 16127

Ion	Ratio	Lower	Upper
108	100		
106	109.4	85.9	128.9
79	17.1	11.0	16.6#



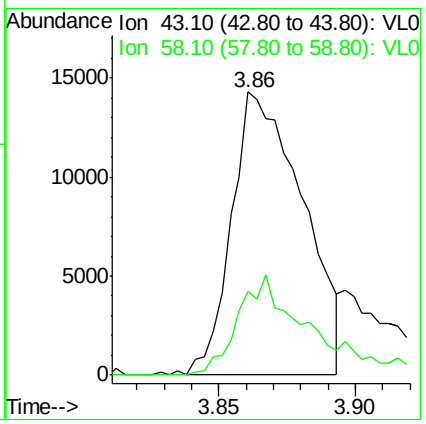


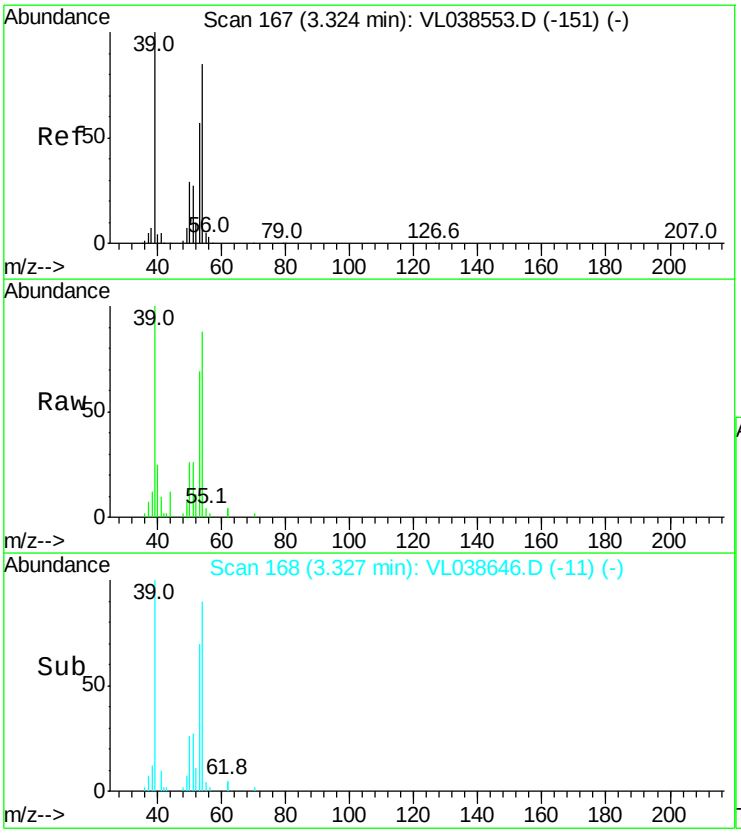
#15
Acetone
Concen: 0.70 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 43 Resp: 25974

Ion	Ratio	Lower	Upper
43	100		
58	37.3	22.7	34.1#

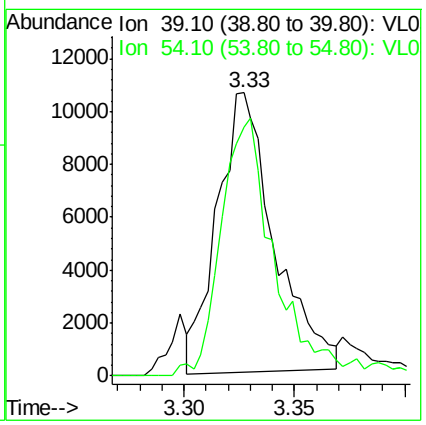


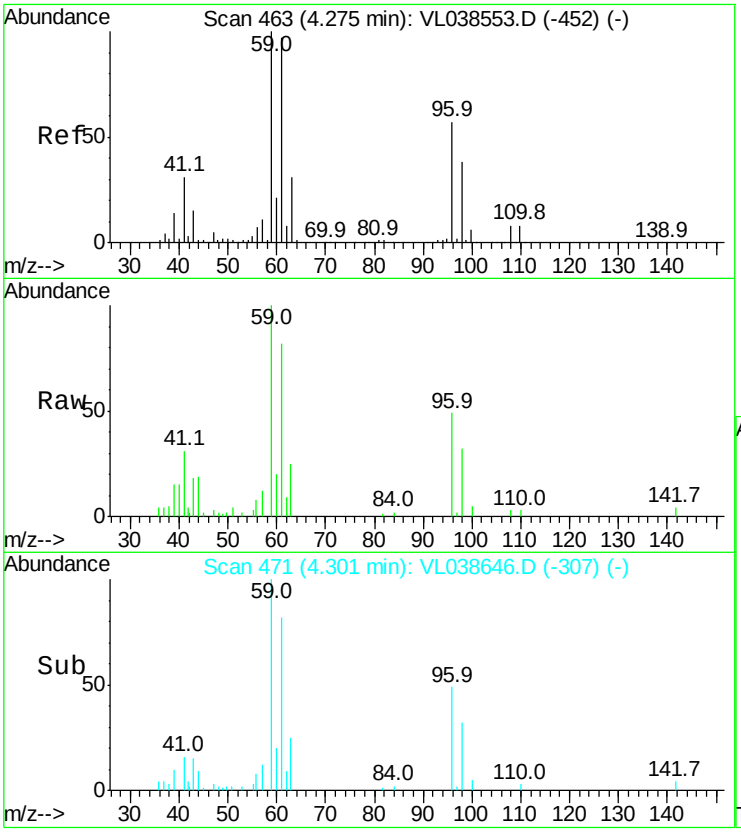


#16
1,3-Butadiene
Concen: 0.64 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 39 Resp: 19029

Ion	Ratio	Lower	Upper
39	100		
54	89.5	64.2	96.2



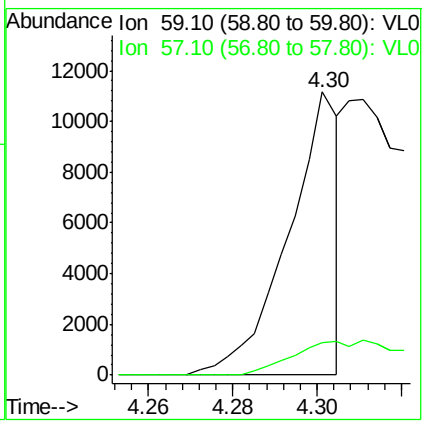


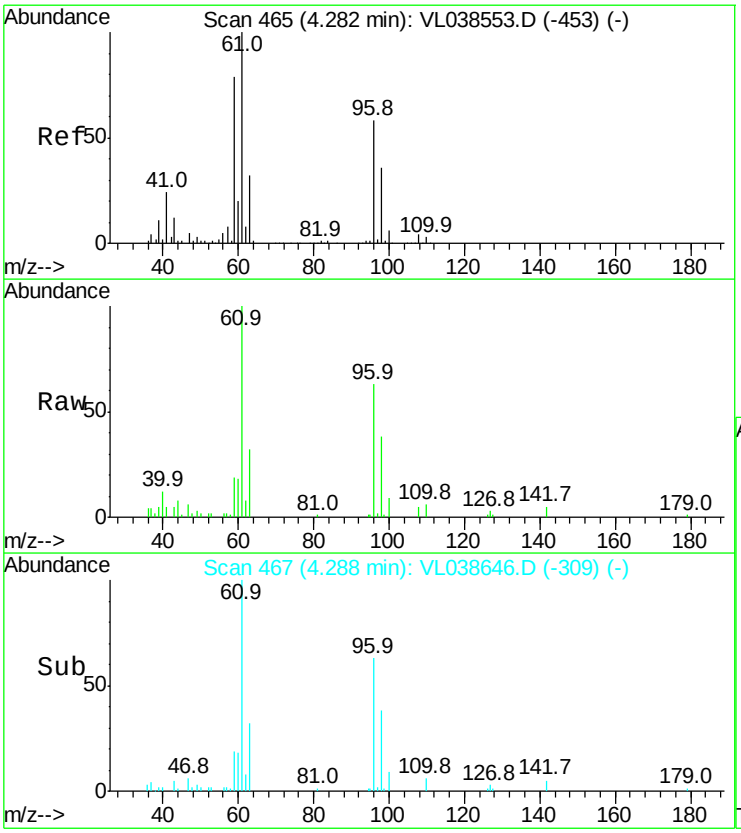
#17
tert-Butyl alcohol
Concen: 0.23 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 59 Resp: 9303

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

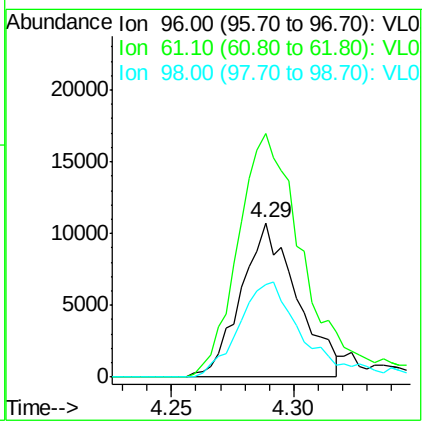


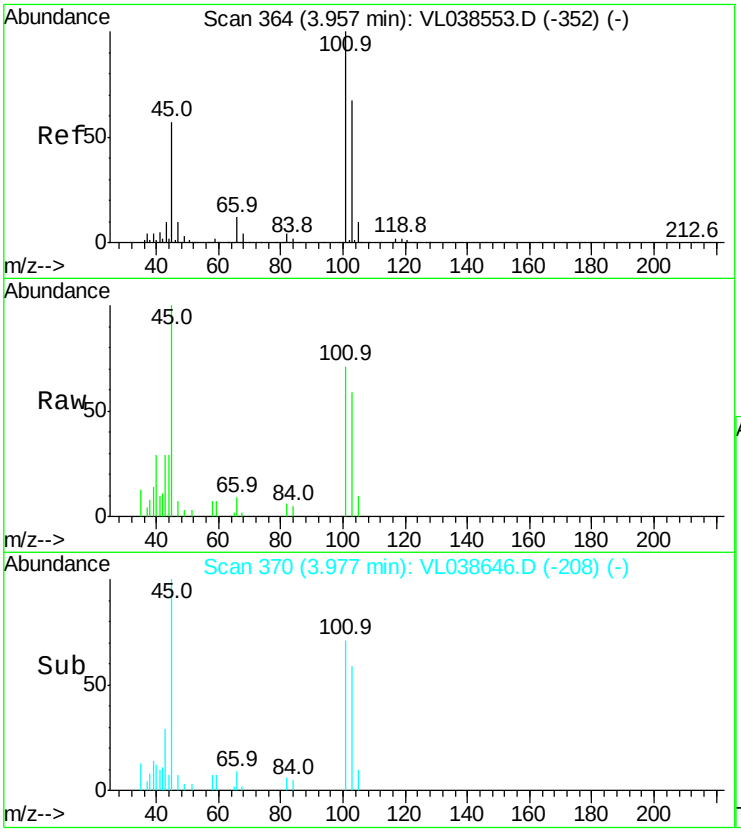


#18
1,1-Dichloroethene
Concen: 0.70 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 96 Resp: 17057

Ion	Ratio	Lower	Upper
96	100		
61	157.8	137.4	206.0
98	60.1	49.3	73.9



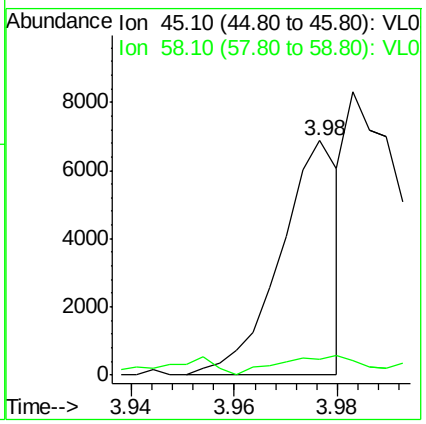


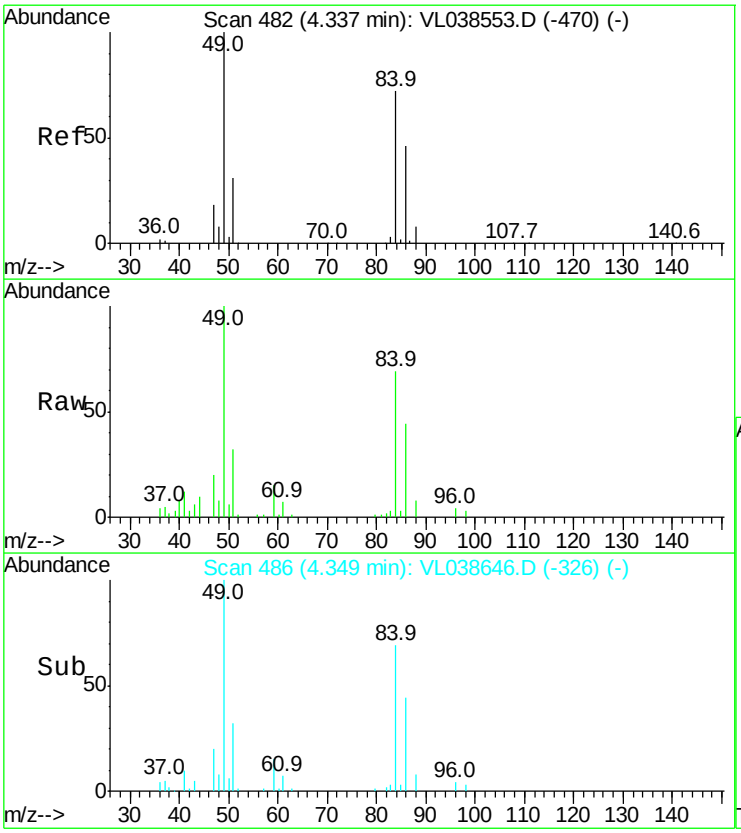
#19
Isopropyl Alcohol
Concen: 0.22 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 45 Resp: 5430

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#

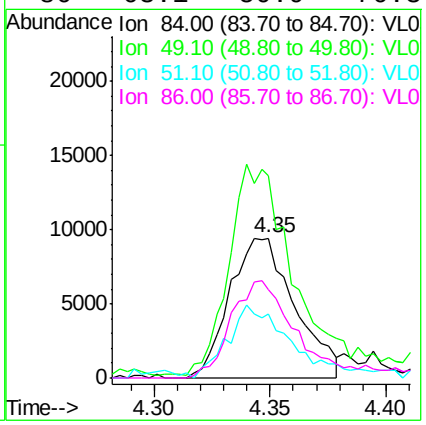


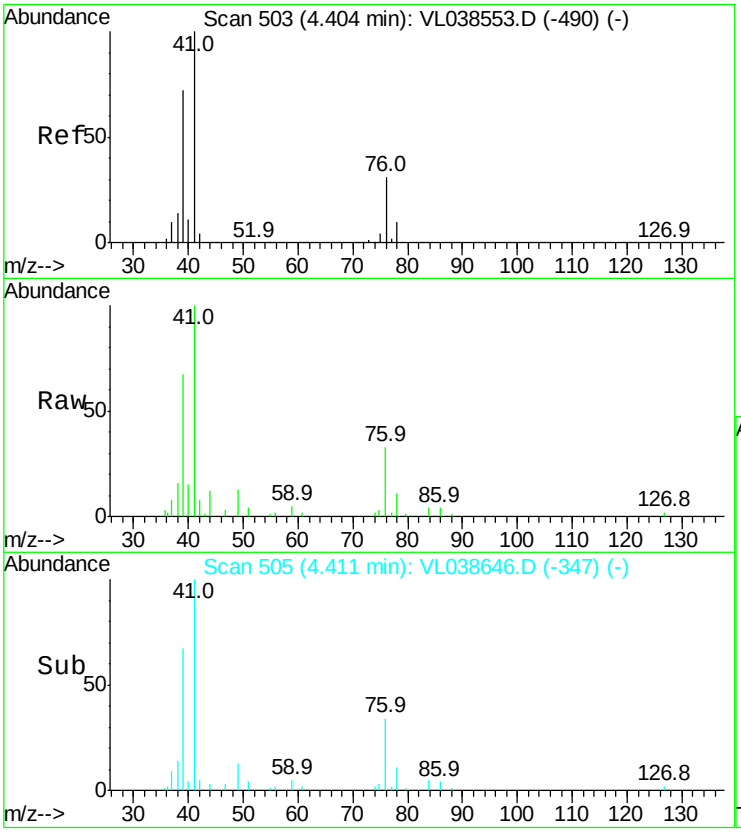


#20
Methylene Chloride
Concen: 0.83 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 84 Resp: 18428

Ion	Ratio	Lower	Upper
84	100		
49	142.3	111.1	166.7
51	43.9	34.0	51.0
86	63.1	50.9	76.3



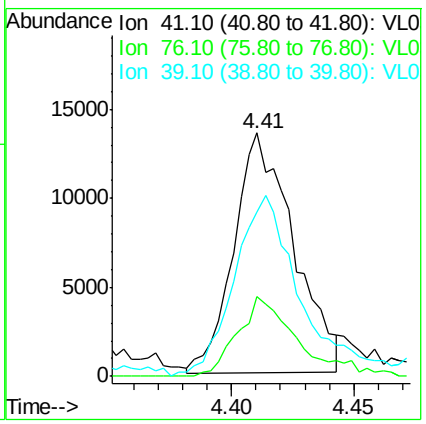


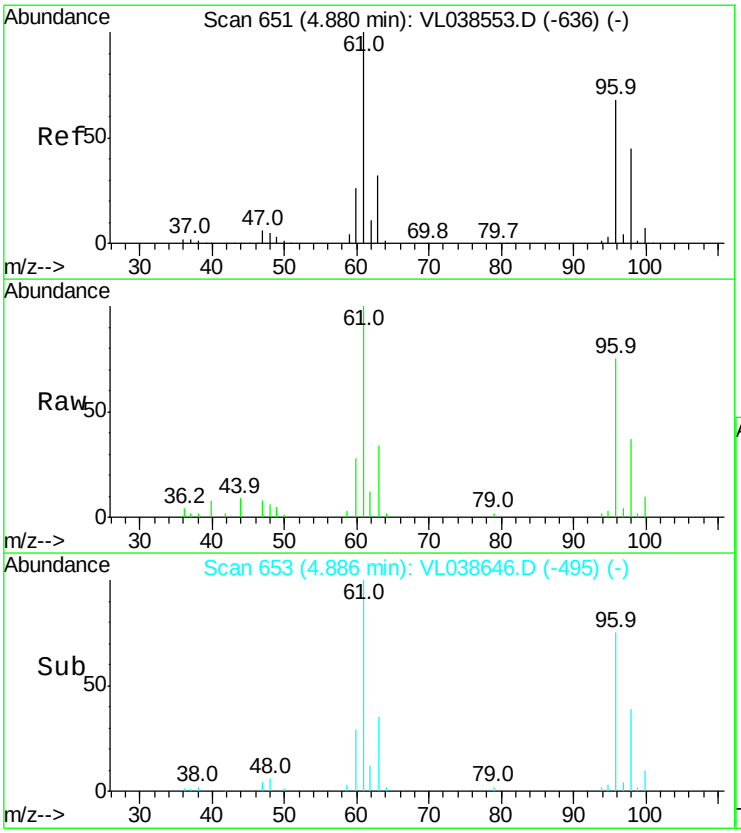
#21
Allyl Chloride
Concen: 0.64 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 41 Resp: 23020

Ion	Ratio	Lower	Upper
41	100		
76	33.1	24.3	36.5
39	89.0	57.1	85.7#

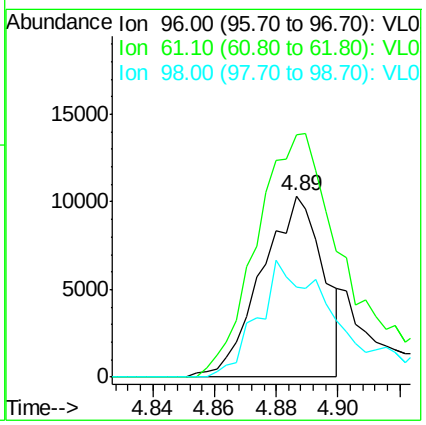


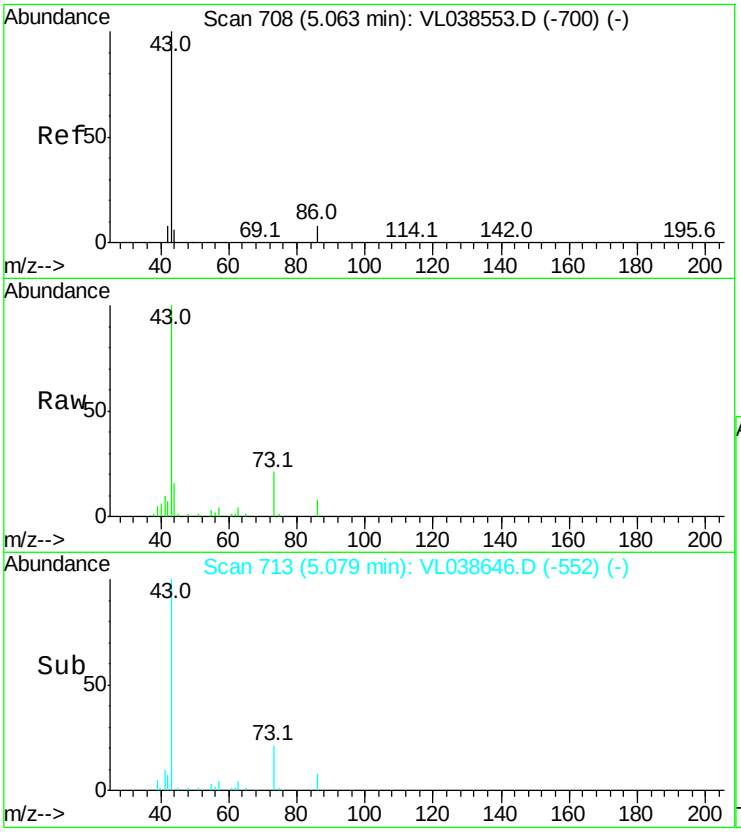


#22
trans-1,2-Dichloroethene
Concen: 0.57 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 96 Resp: 14410

Ion	Ratio	Lower	Upper
96	100		
61	133.6	117.6	176.4
98	49.9	52.6	78.8#



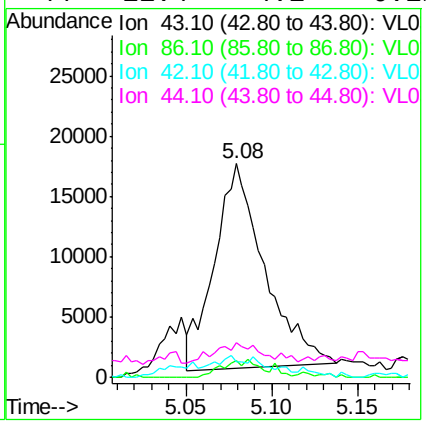


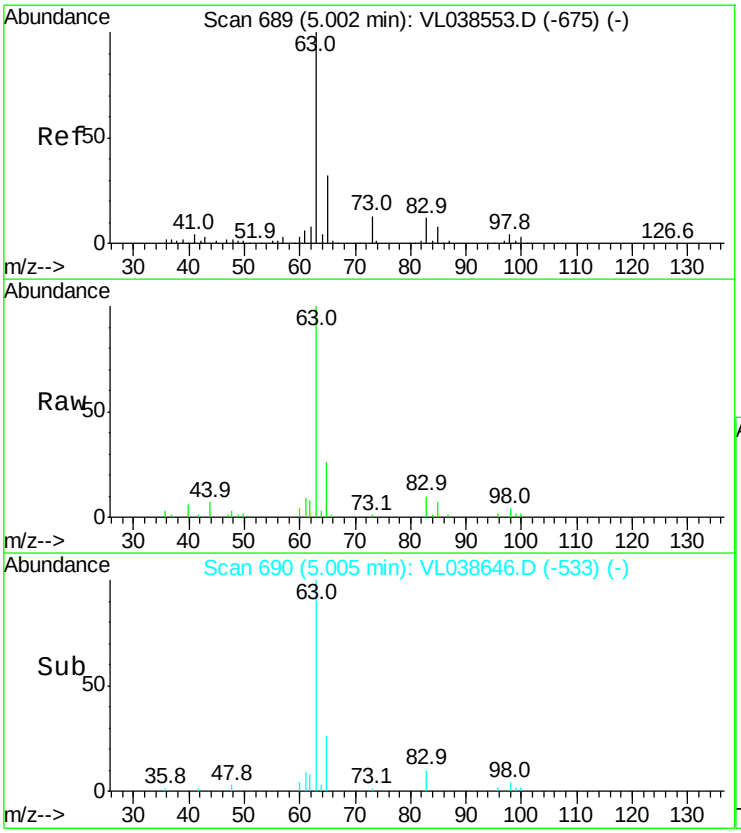
#23
Vinyl Acetate
Concen: 0.65 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 43 Resp: 34356

Ion	Ratio	Lower	Upper
43	100		
86	8.8	5.6	8.4#
42	8.6	7.1	10.7
44	11.4	4.1	6.1#

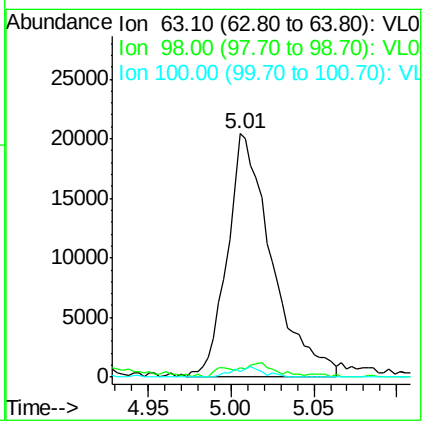


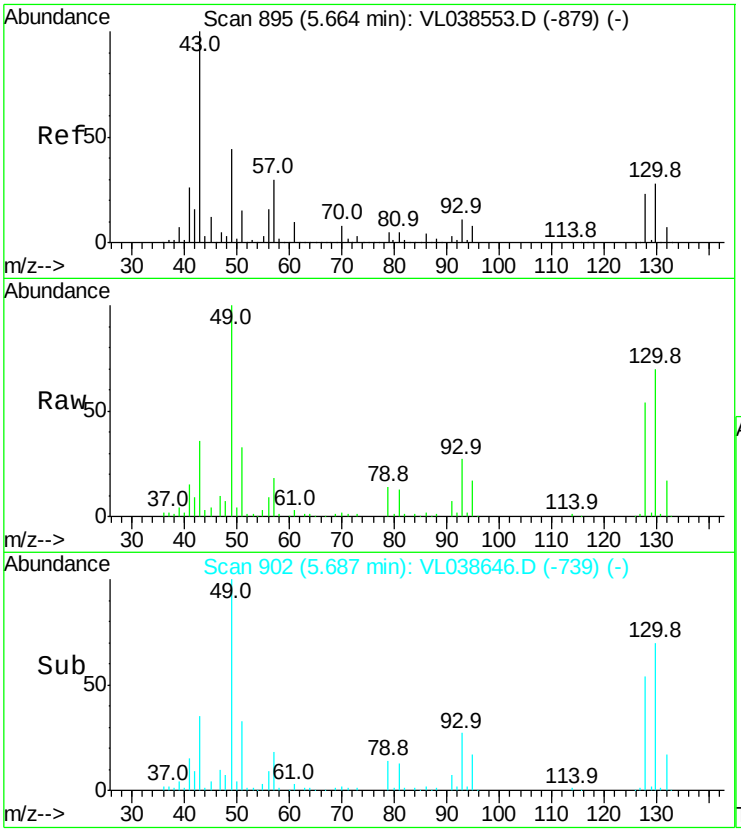


#24
1,1-Dichloroethane
Concen: 0.79 ppbv
RT: 5.01 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 63 Resp: 38133

Ion	Ratio	Lower	Upper
63	100		
98	2.8	2.2	6.6
100	2.5	1.5	4.5



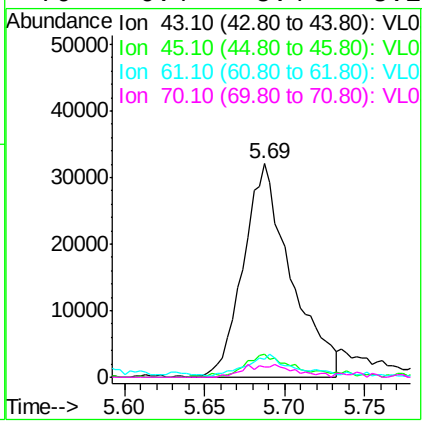


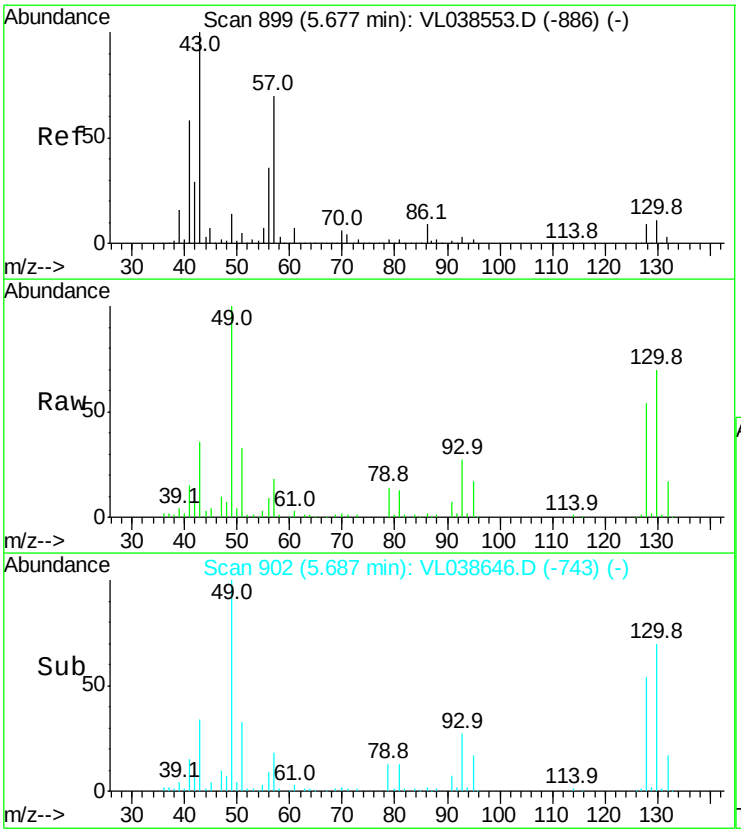
#25
Ethyl Acetate
Concen: 0.52 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 43 Resp: 65346

Ion	Ratio	Lower	Upper
43	100		
45	13.4	8.0	12.0#
61	12.3	8.2	12.4
70	6.4	5.4	8.2

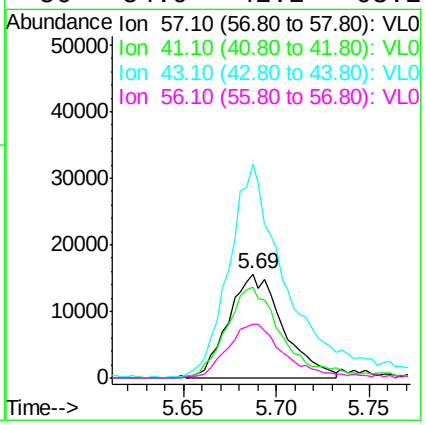


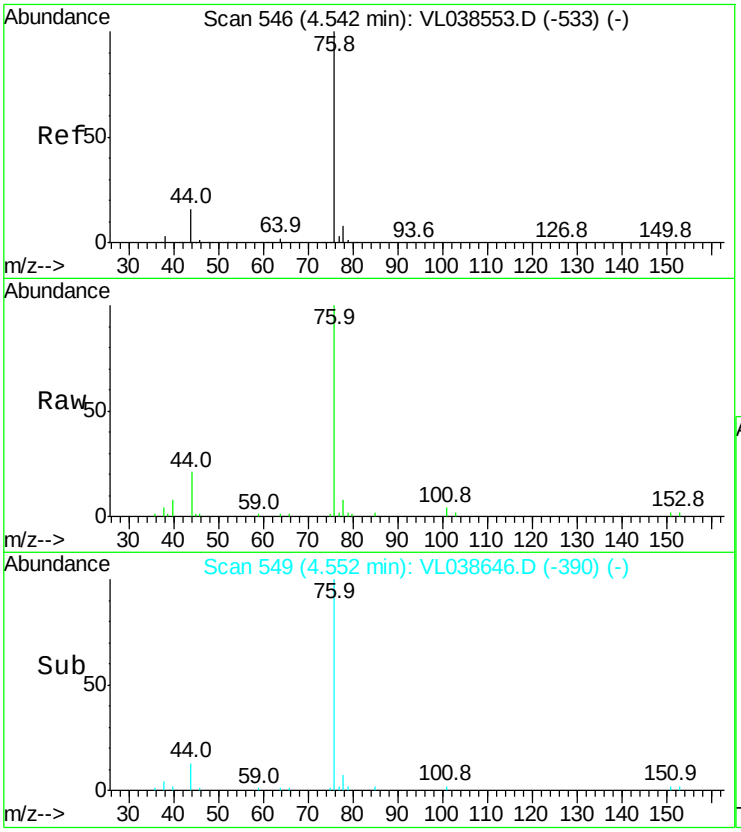


#26
Hexane
Concen: 0.55 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 57 Resp: 31977

Ion	Ratio	Lower	Upper
57	100		
41	94.0	67.8	101.6
43	232.6	173.6	260.4
56	54.9	42.2	63.2



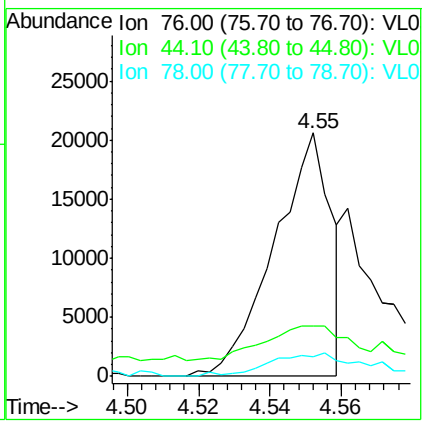


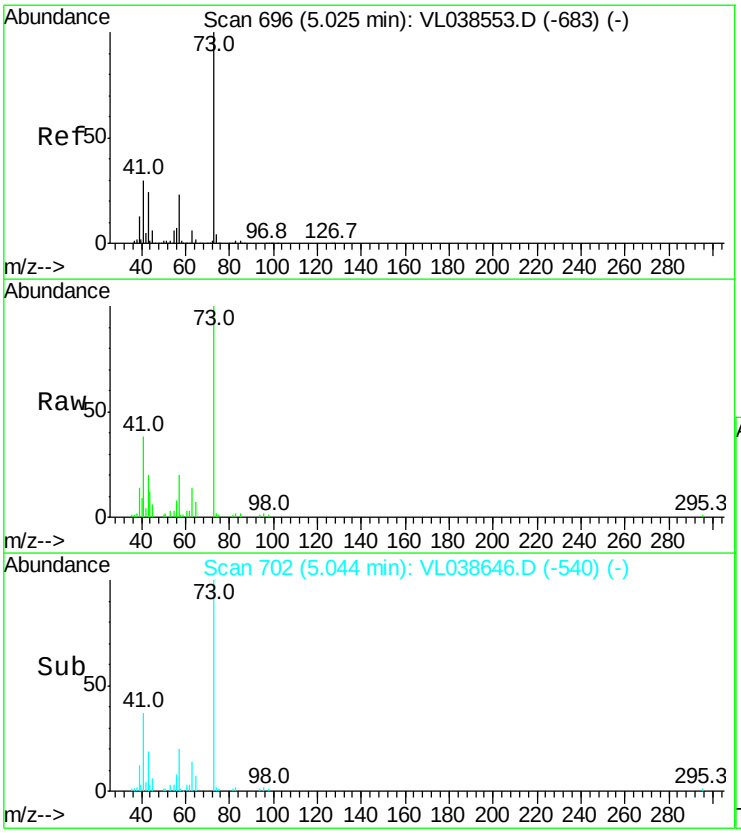
#27
Carbon Disulfide
Concen: 0.39 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 76 Resp: 22710

Ion	Ratio	Lower	Upper
76	100		
44	37.8	12.9	19.3#
78	18.9	7.8	11.6#

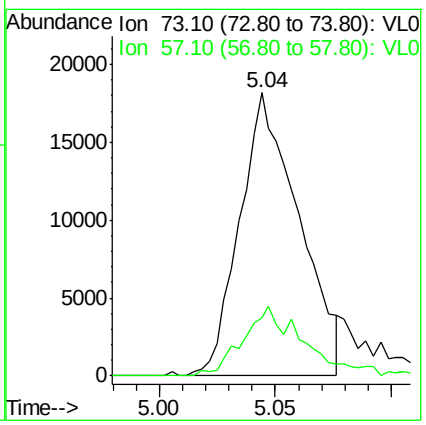


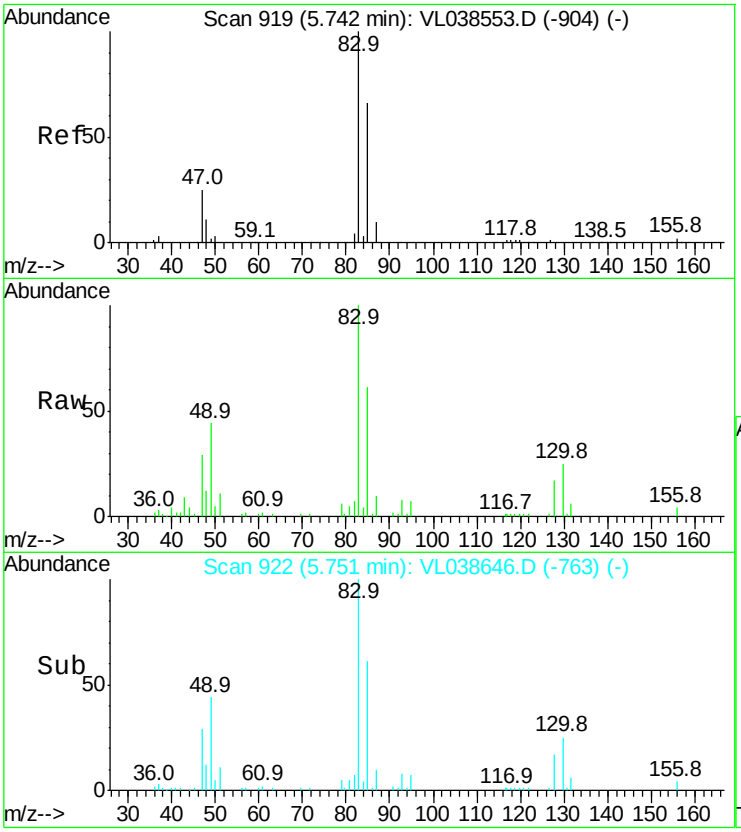


#28
Methyl tert-Butyl Ether
Concen: 0.68 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 73 Resp: 32236

Ion	Ratio	Lower	Upper
73	100		
57	26.2	18.8	28.2



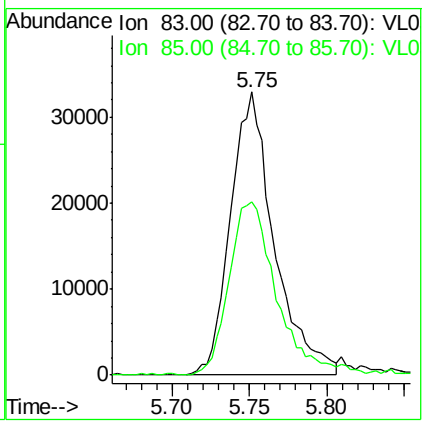


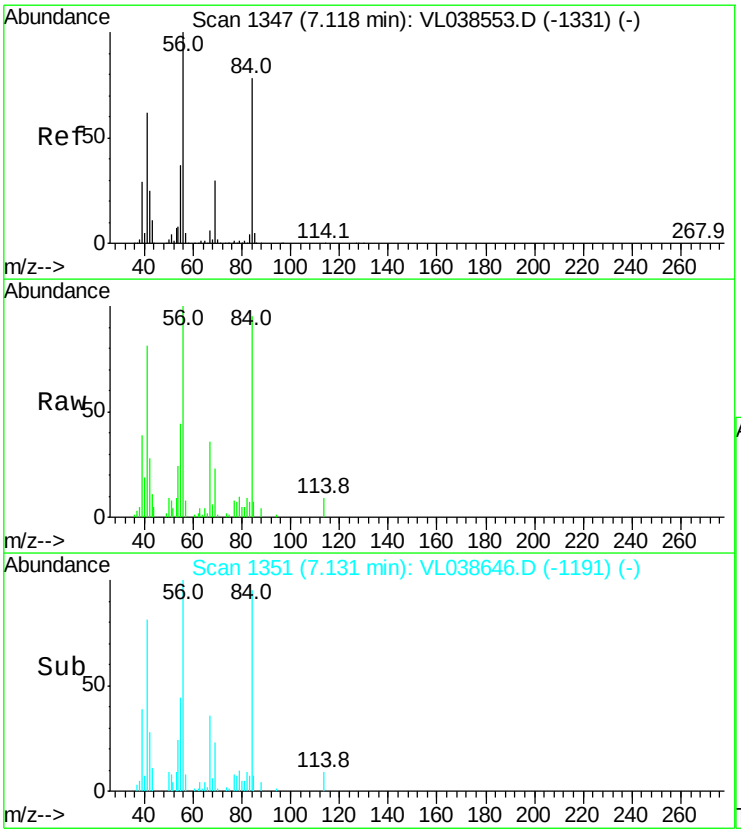
#29
Chloroform
Concen: 0.71 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 83 Resp: 64655

Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.8	79.2

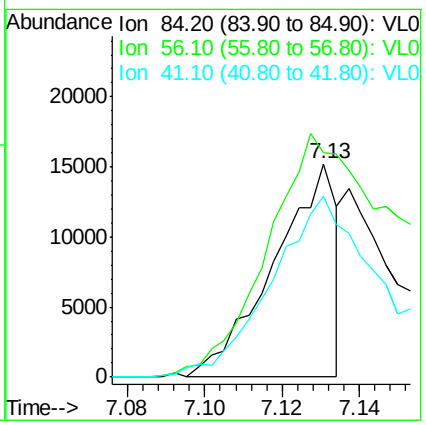


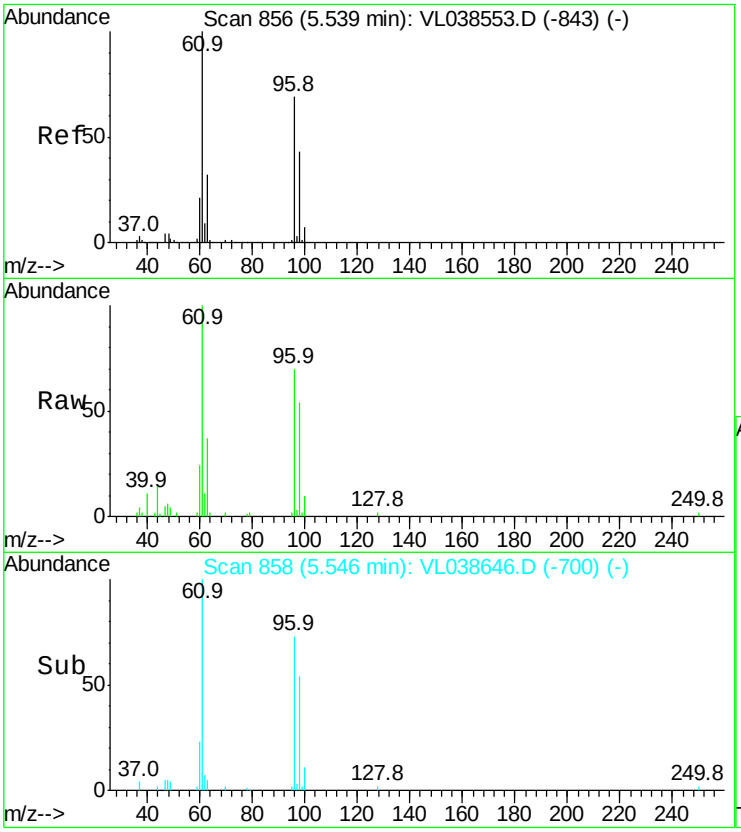


#30
Cyclohexane
Concen: 0.34 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 84 Resp: 17120

Ion	Ratio	Lower	Upper
84	100		
56	185.5	111.4	167.0#
41	155.9	65.5	98.3#



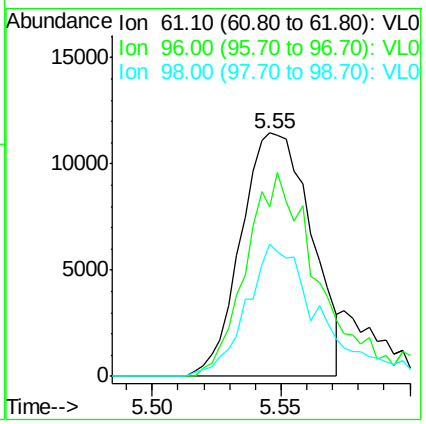


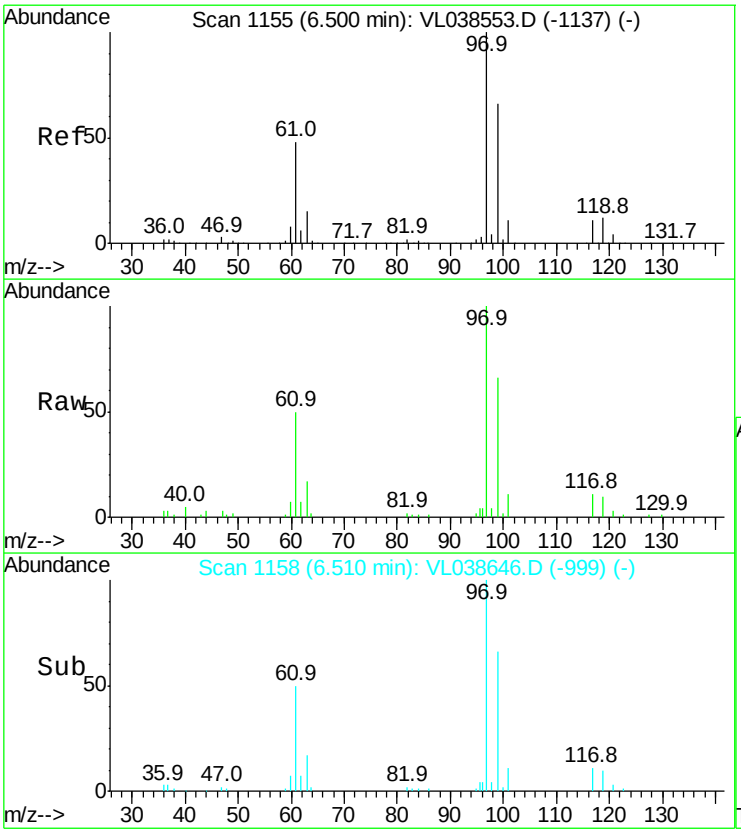
#31
cis-1,2-Dichloroethene
Concen: 0.39 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 61 Resp: 21764

Ion	Ratio	Lower	Upper
61	100		
96	69.8	55.2	82.8
98	54.2	34.2	51.4#

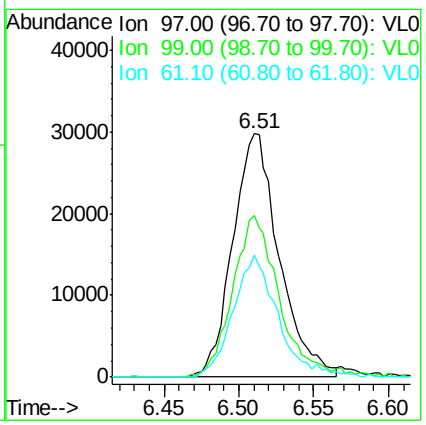


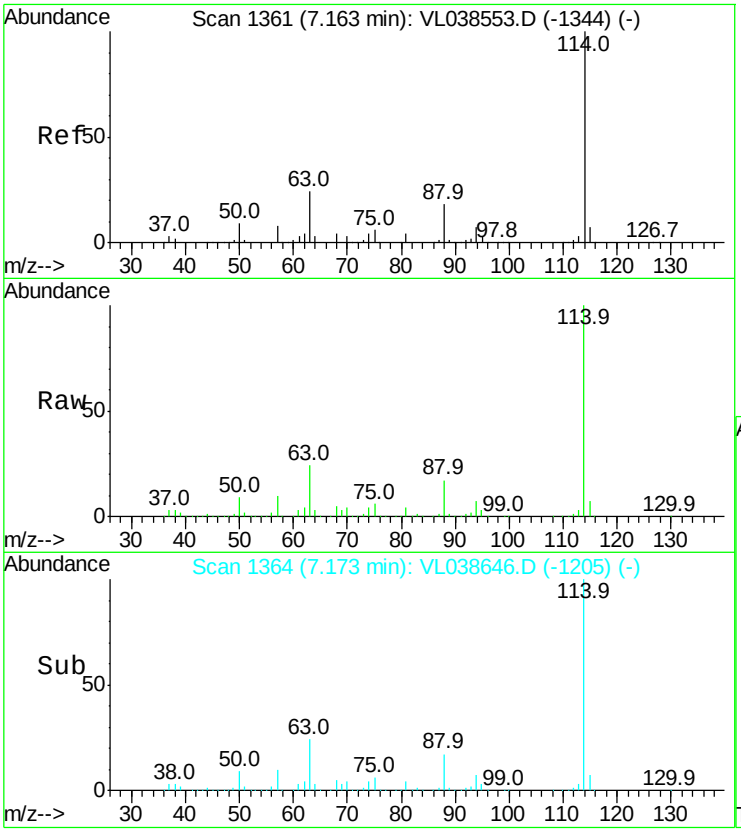


#32
1,1,1-Trichloroethane
Concen: 0.73 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 97 Resp: 64334

Ion	Ratio	Lower	Upper
97	100		
99	66.9	52.1	78.1
61	48.2	37.7	56.5



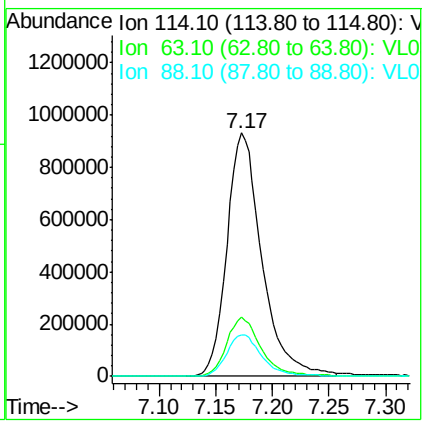


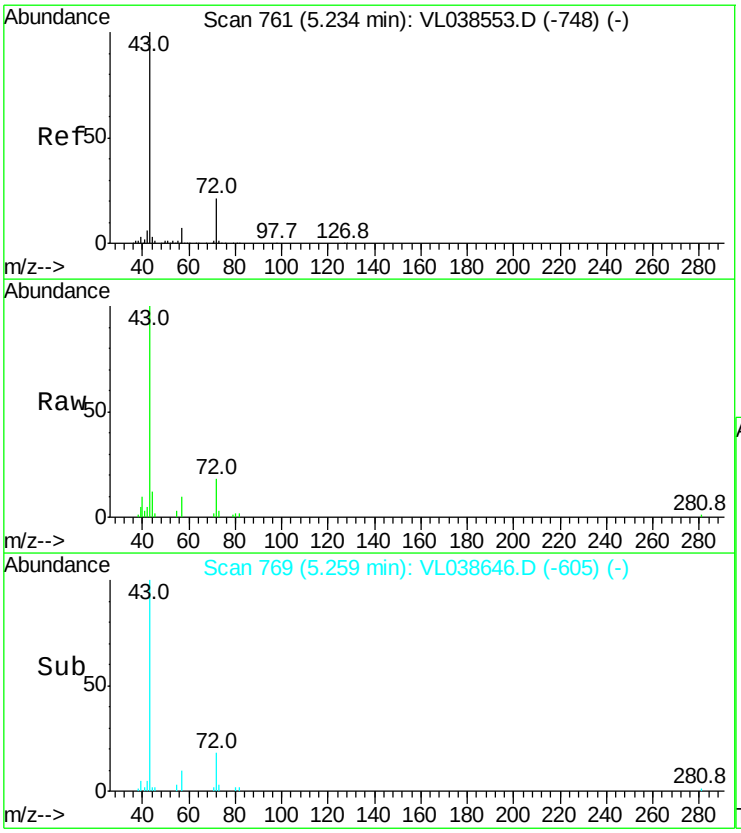
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:114 Resp: 2002895

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.6	29.4
88	17.5	13.9	20.9

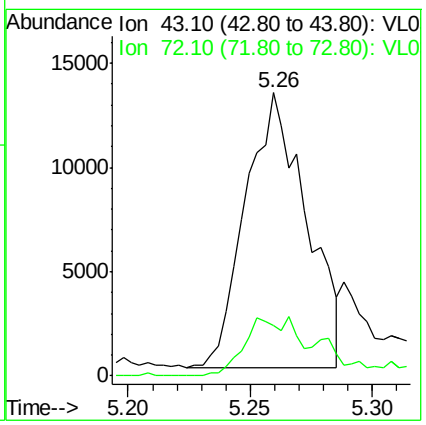


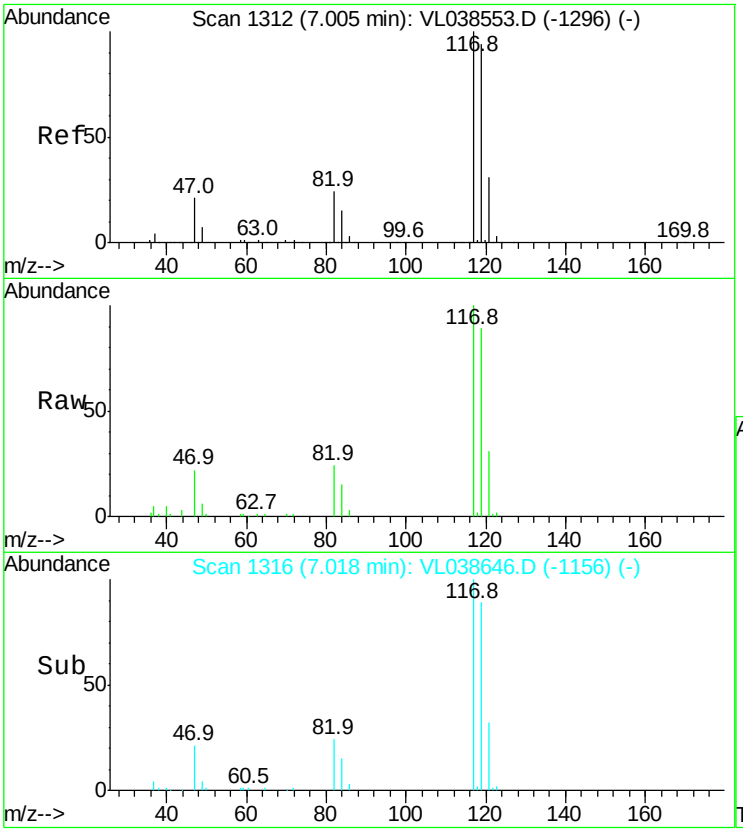


#34
2-Butanone
Concen: 0.44 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.03 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 43 Resp: 22922

Ion	Ratio	Lower	Upper
43	100		
72	27.5	17.8	26.6#



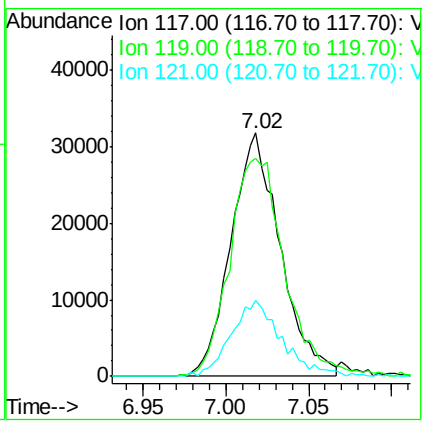


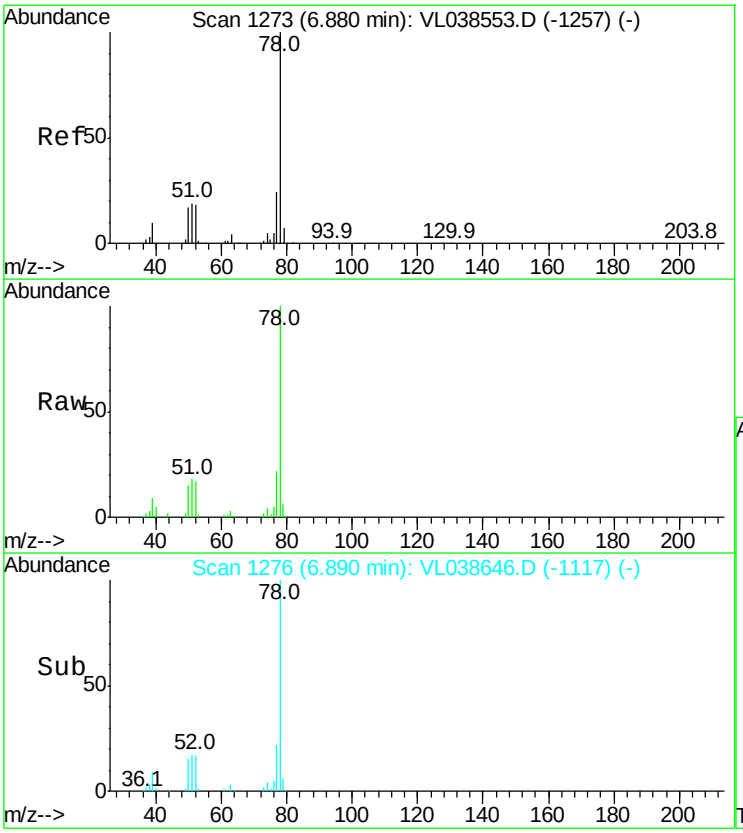
#35
Carbon Tetrachloride
Concen: 0.48 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:117 Resp: 65998

Ion	Ratio	Lower	Upper
117	100		
119	88.9	75.2	112.8
121	31.9	24.8	37.2

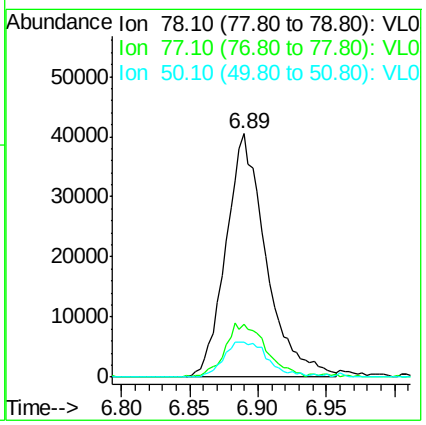


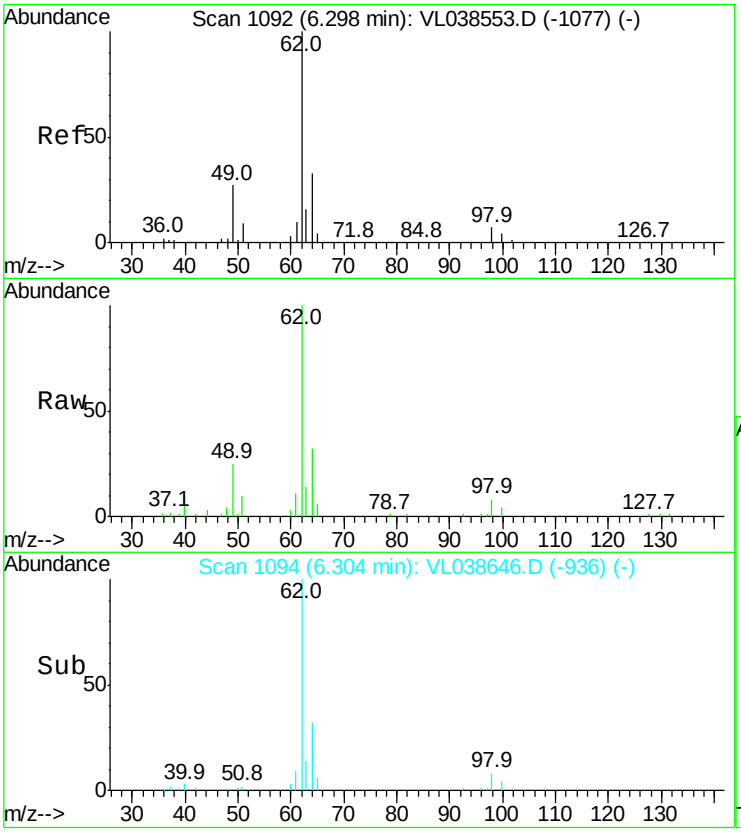


#36
Benzene
Concen: 0.46 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 78 Resp: 83050

Ion	Ratio	Lower	Upper
78	100		
77	20.7	19.0	28.4
50	14.6	13.9	20.9



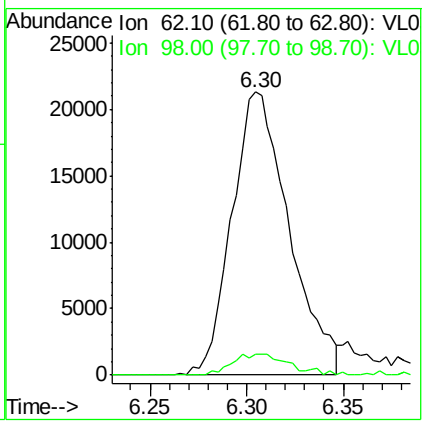


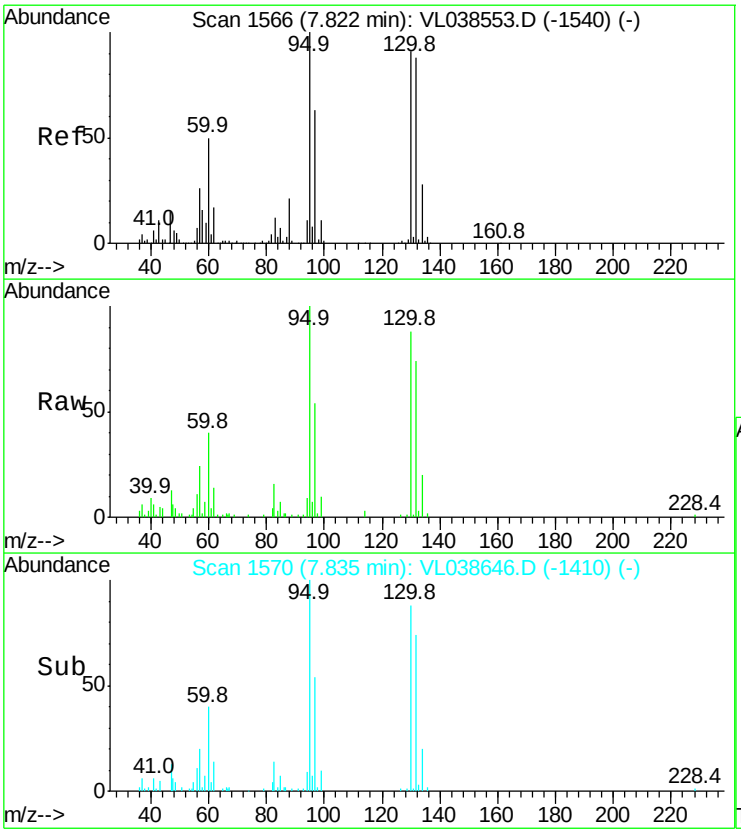
#37
1,2-Dichloroethane
Concen: 0.51 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 62 Resp: 43880

Ion	Ratio	Lower	Upper
62	100		
98	7.5	5.7	8.5

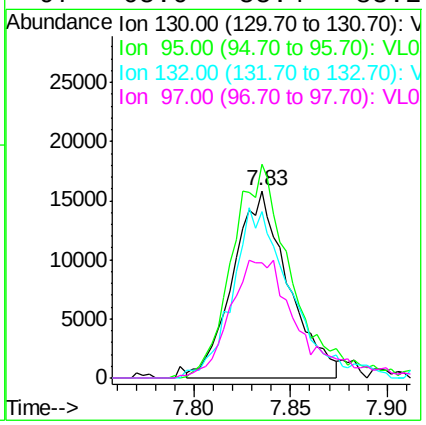


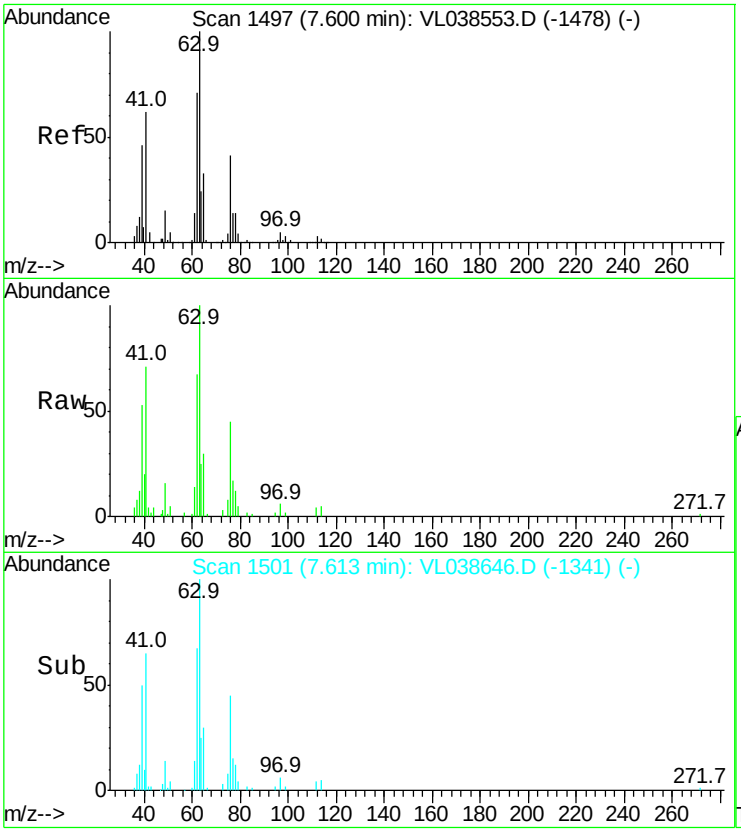


#38
Trichloroethene
Concen: 0.43 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:130 Resp: 31401

Ion	Ratio	Lower	Upper
130	100		
95	121.2	87.8	131.8
132	90.5	77.5	116.3
97	65.0	55.4	83.2



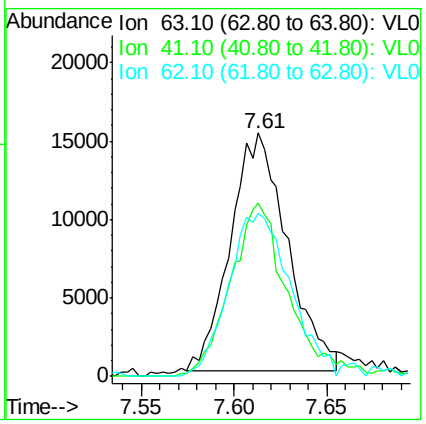


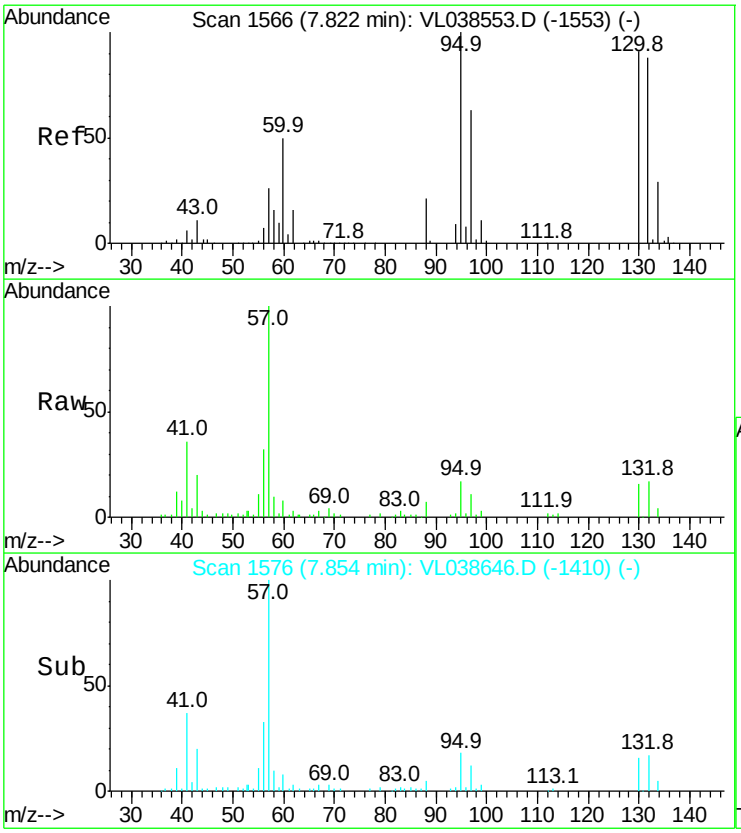
#39
1,2-Dichloropropane
Concen: 0.47 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 63 Resp: 32333

Ion	Ratio	Lower	Upper
63	100		
41	72.3	49.8	74.6
62	69.0	56.7	85.1

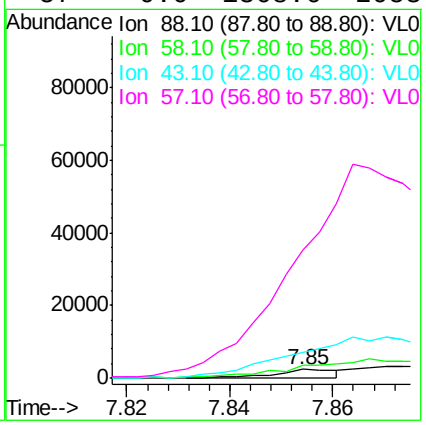


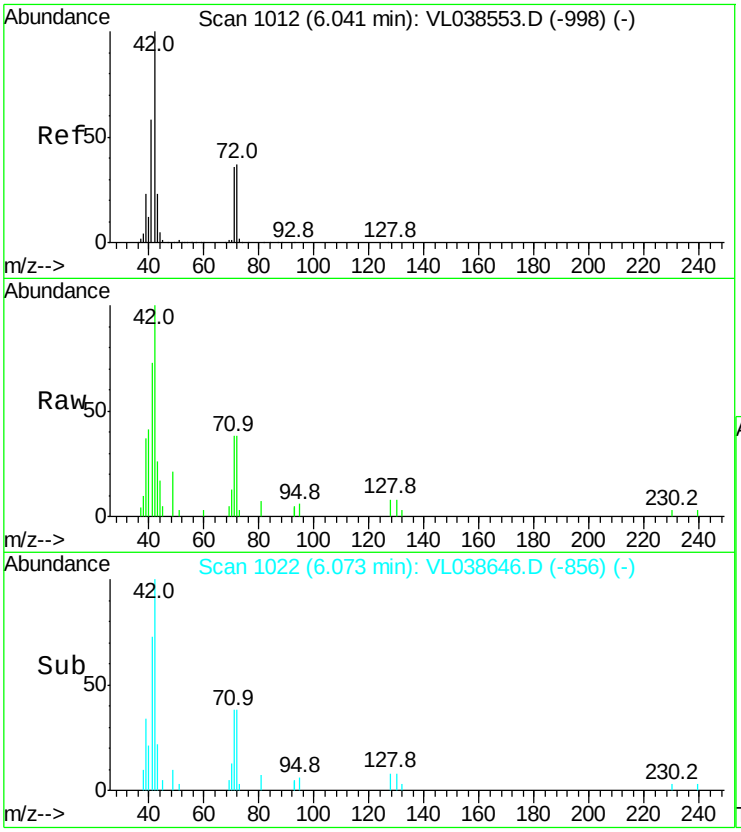


#40
1,4-Dioxane
Concen: 0.12 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.03 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 88 Resp: 2022

Ion	Ratio	Lower	Upper
88	100		
58	0.0	126.7	190.1#
43	0.0	303.0	454.6#
57	0.0	1368.6	2053.0#



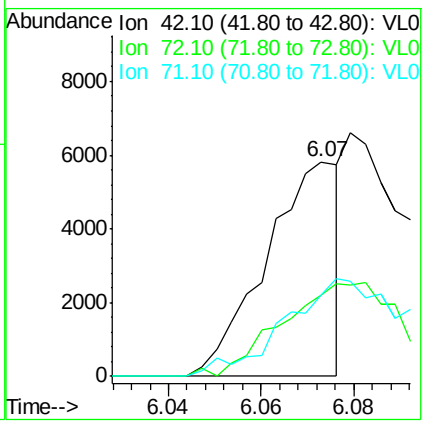


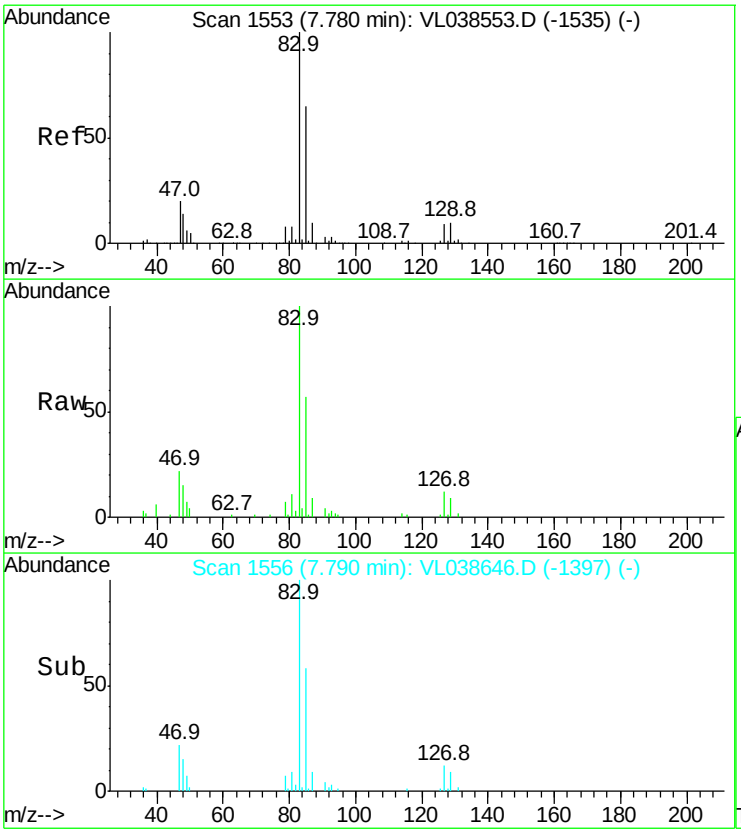
#41
Tetrahydrofuran
Concen: 0.15 ppbv
RT: 6.07
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 42 Resp: 6387

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.9	46.3#
71	0.0	29.1	43.7#

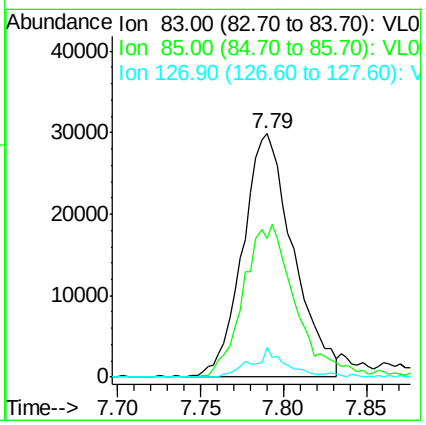


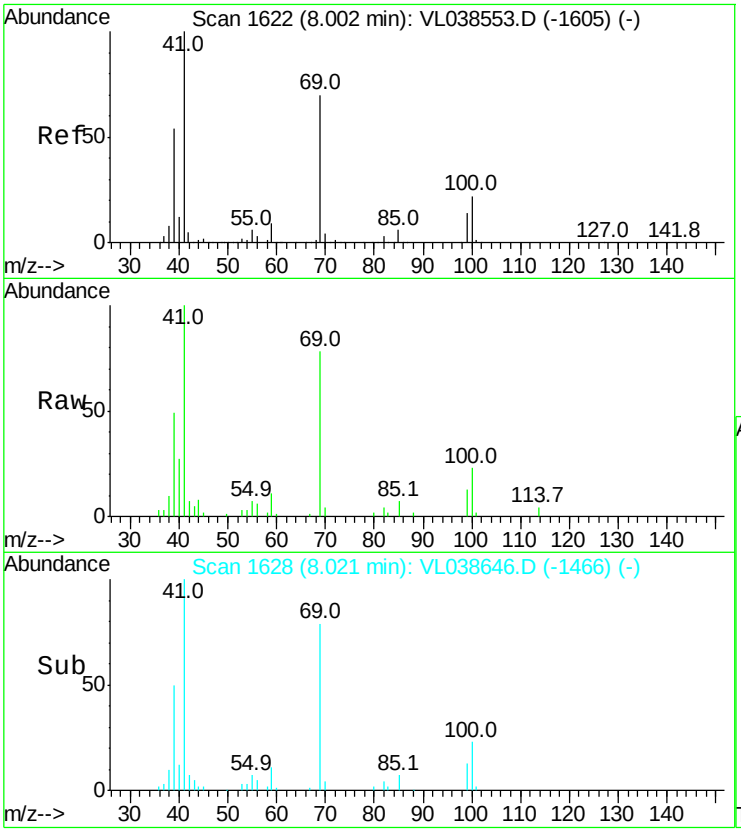


#42
Bromodichloromethane
Concen: 0.46 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 83 Resp: 63233

Ion	Ratio	Lower	Upper
83	100		
85	56.7	51.7	77.5
127	12.1	6.9	10.3#



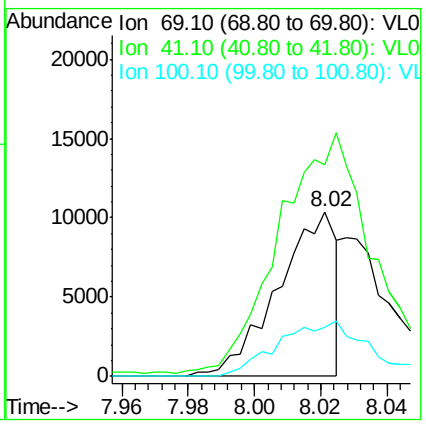


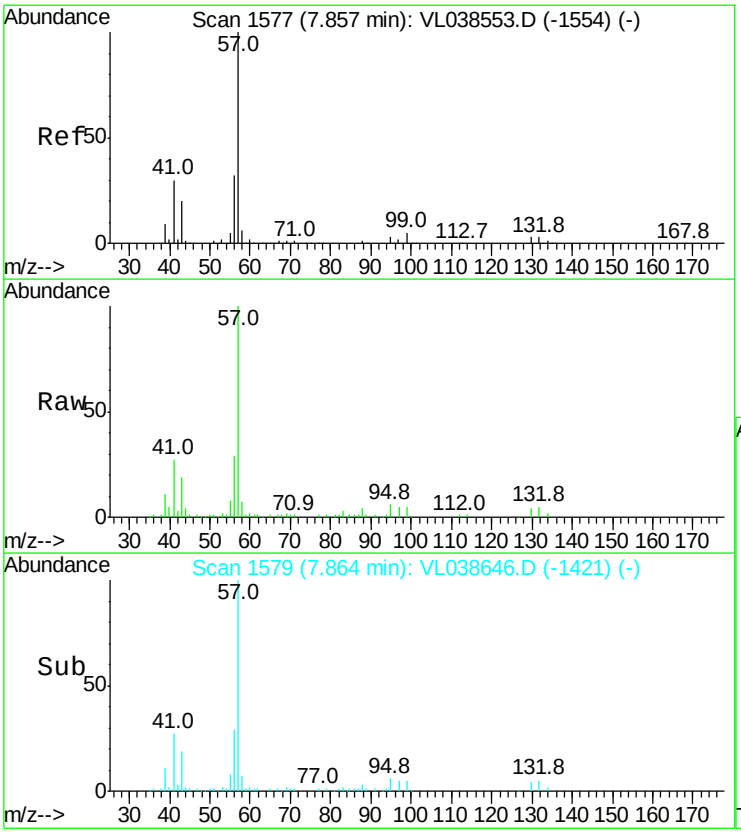
#43
Methyl Methacrylate
Concen: 0.21 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 69 Resp: 12749

Ion	Ratio	Lower	Upper
69	100		
41	257.3	113.8	170.6#
100	57.0	24.4	36.6#

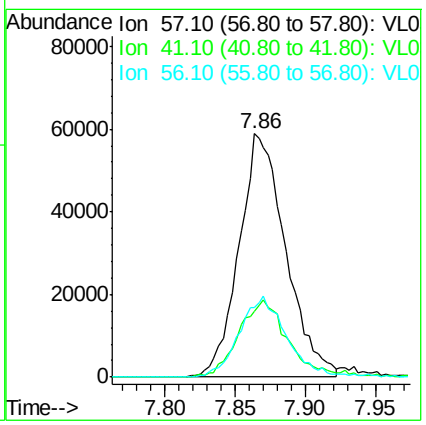


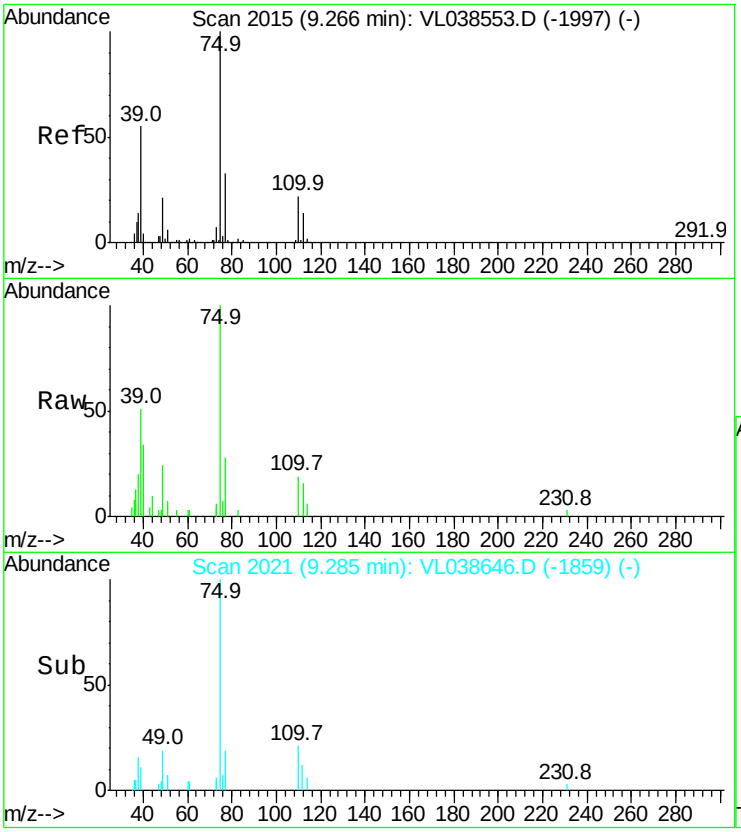


#44
2,2,4-Trimethylpentane
Concen: 0.45 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 57 Resp: 136271

Ion	Ratio	Lower	Upper
57	100		
41	33.9	24.0	36.0
56	33.9	25.6	38.4



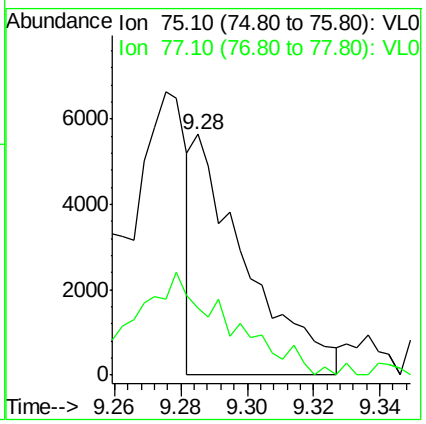


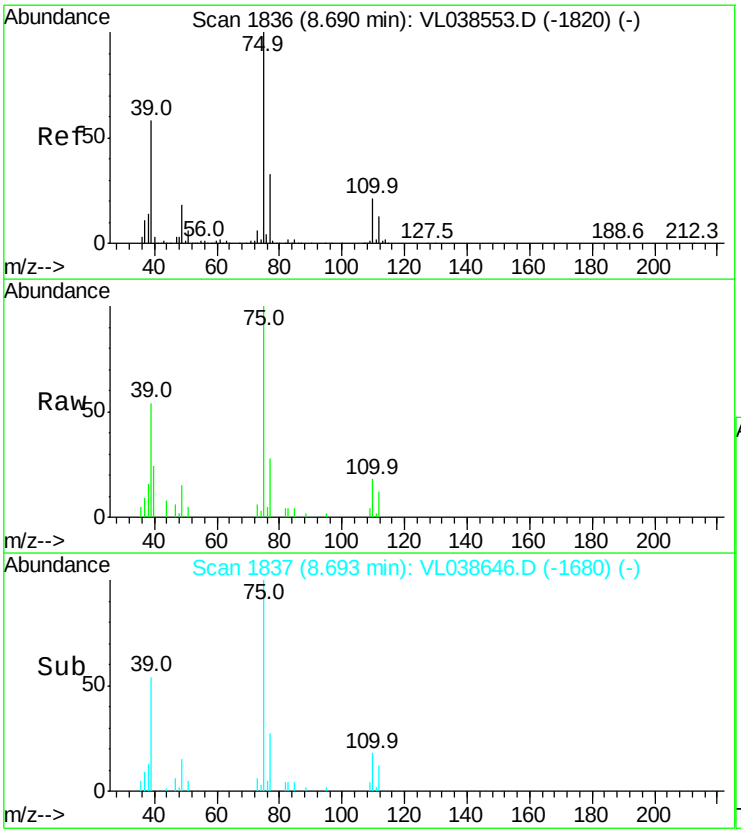
#45
t-1,3-Dichloropropene
Concen: 0.14 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 75 Resp: 6258

Ion	Ratio	Lower	Upper
75	100		
77	27.7	26.6	40.0

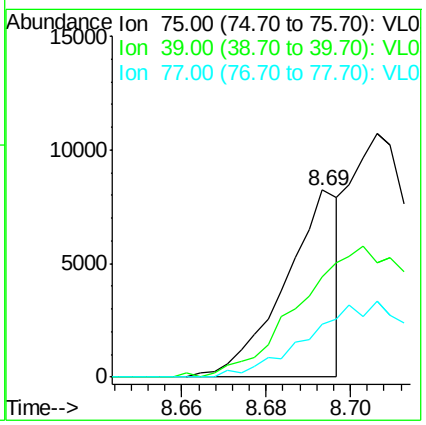


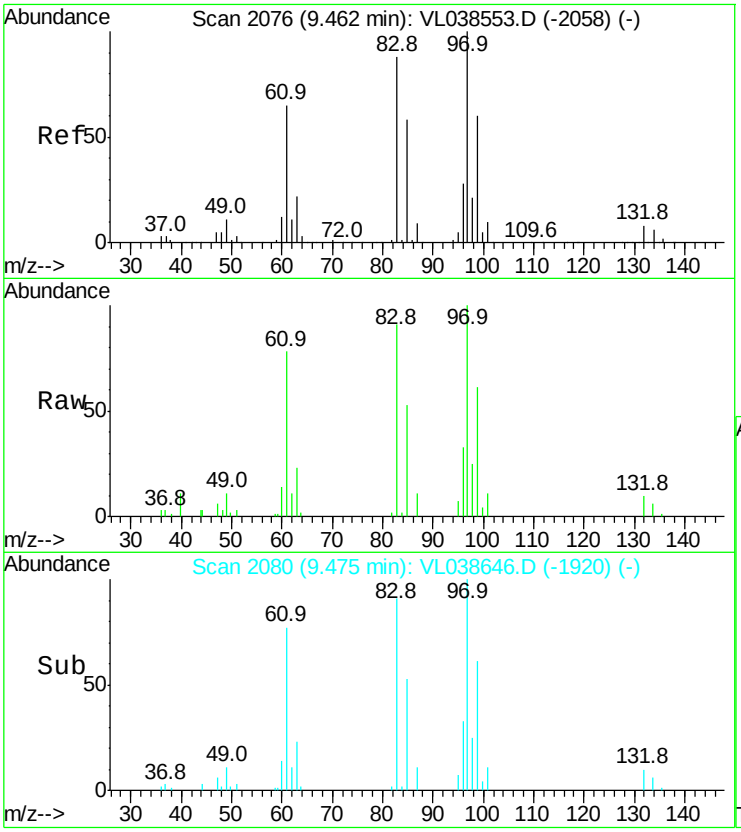


#46
cis-1,3-Dichloropropene
Concen: 0.12 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 75 Resp: 7376

Ion	Ratio	Lower	Upper
75	100		
39	51.6	46.2	69.2
77	28.5	26.2	39.2



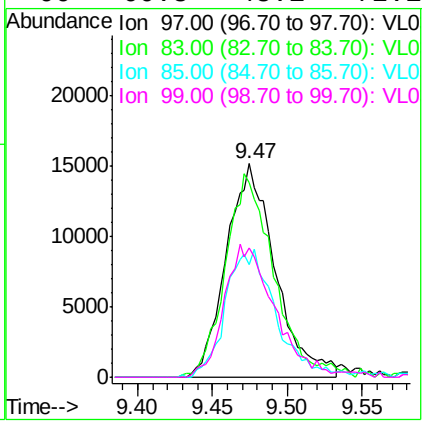


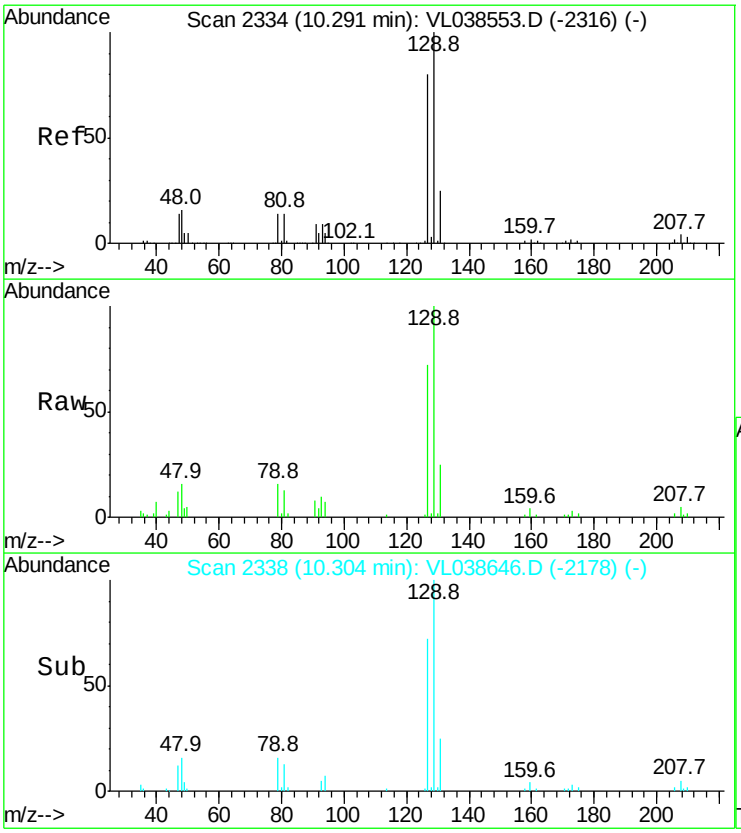
#47
1,1,2-Trichloroethane
Concen: 0.49 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 97 Resp: 34538

Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.1	105.1
85	52.6	46.6	69.8
99	60.8	48.1	72.1

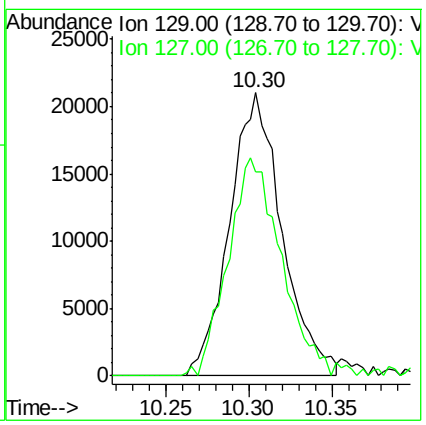


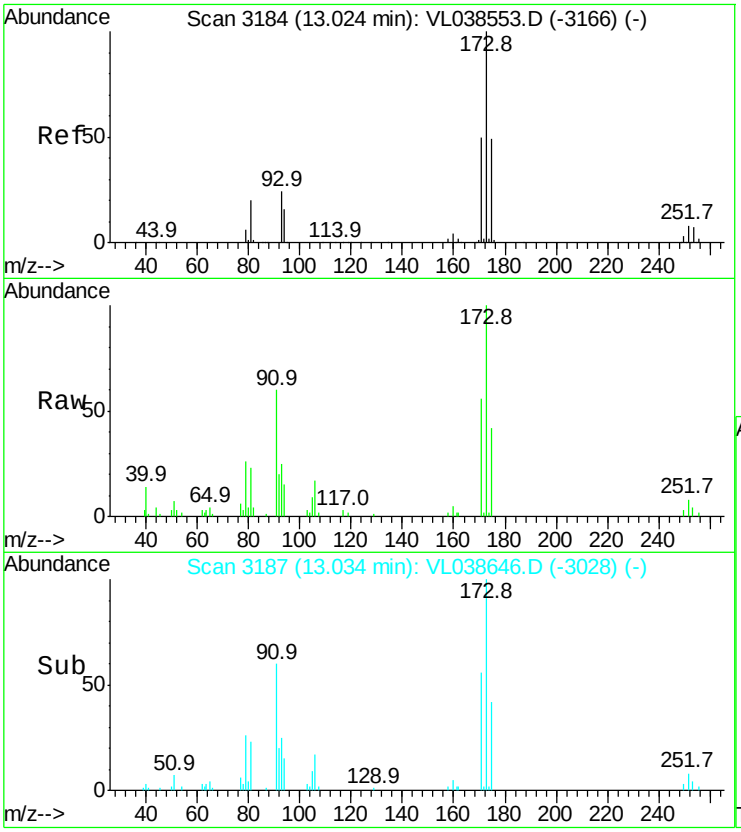


#48
Dibromochloromethane
Concen: 0.41 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:129 Resp: 46126

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.5	118.3



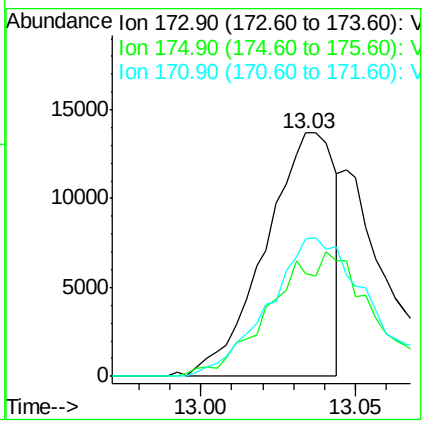


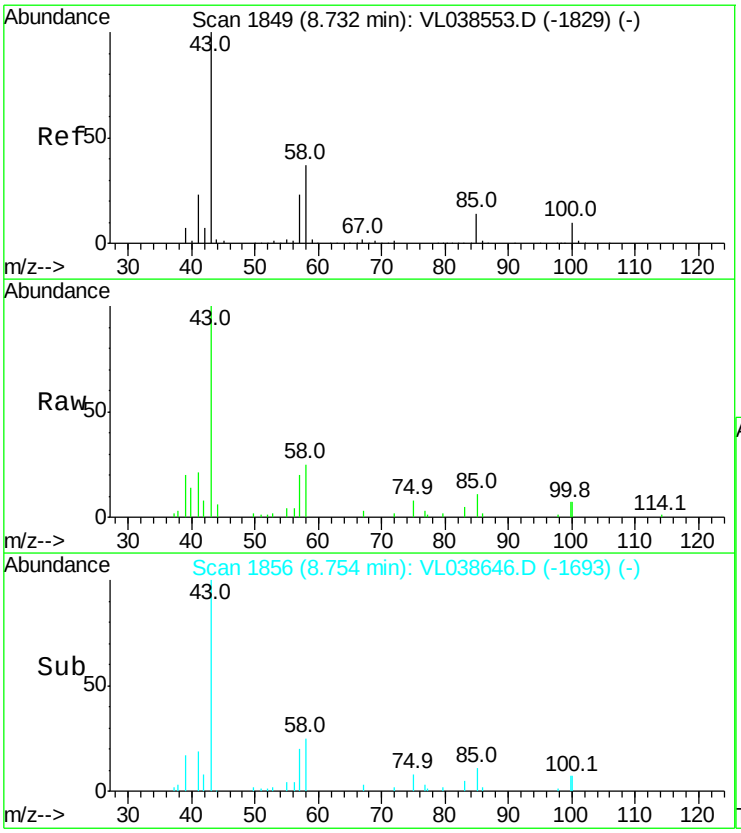
#49
Bromoform
Concen: 0.25 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:173 Resp: 21246

Ion	Ratio	Lower	Upper
173	100		
175	78.8	40.7	61.1#
171	84.8	42.9	64.3#

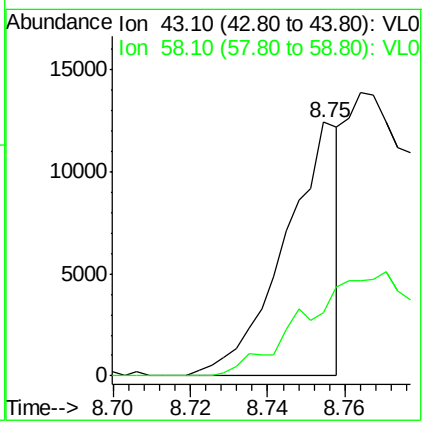


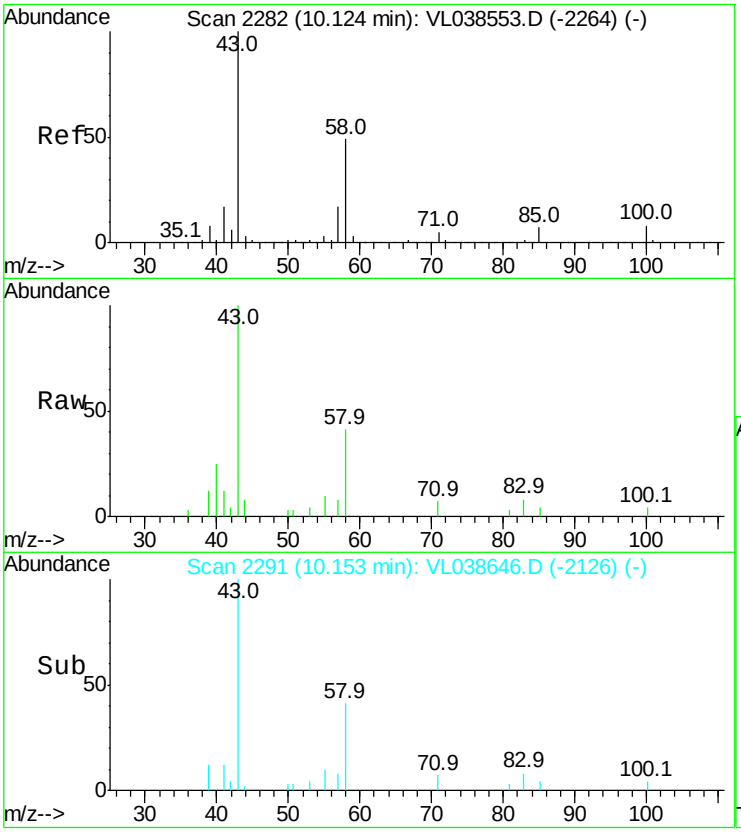


#50
4-Methyl-2-Pentanone
Concen: 0.11 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 43 Resp: 12168

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	43.8#



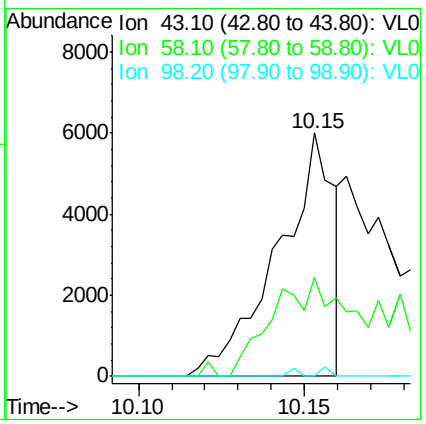


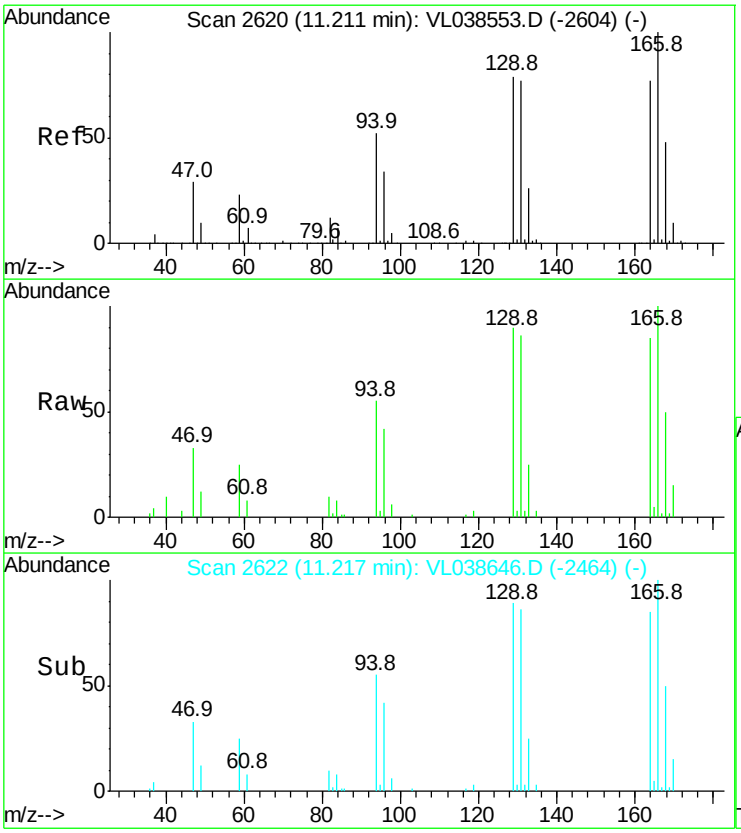
#51
2-Hexanone
Concen: 0.16 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 43 Resp: 7060

Ion	Ratio	Lower	Upper
43	100		
58	100.4	40.1	60.1#
98	0.0	0.4	0.6#

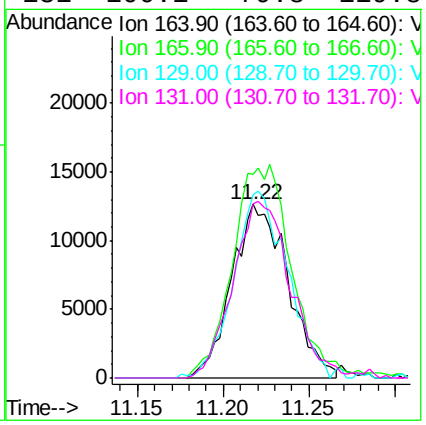


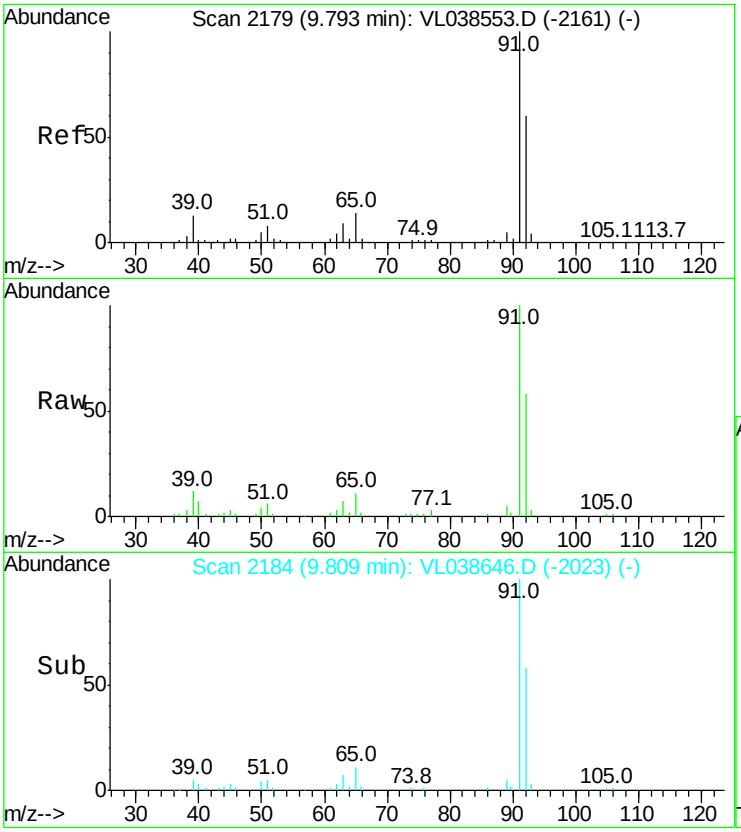


#52
Tetrachloroethene
Concen: 0.44 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:164 Resp: 28867

Ion	Ratio	Lower	Upper
164	100		
166	117.1	103.4	155.2
129	103.7	81.3	121.9
131	100.1	79.8	119.8



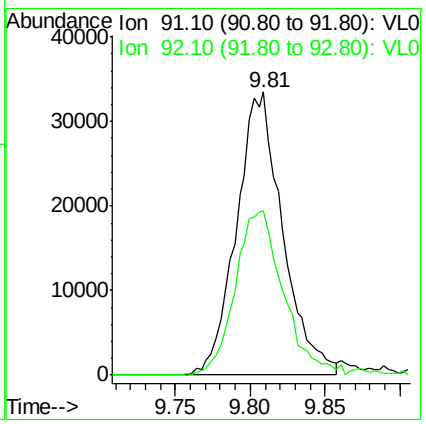


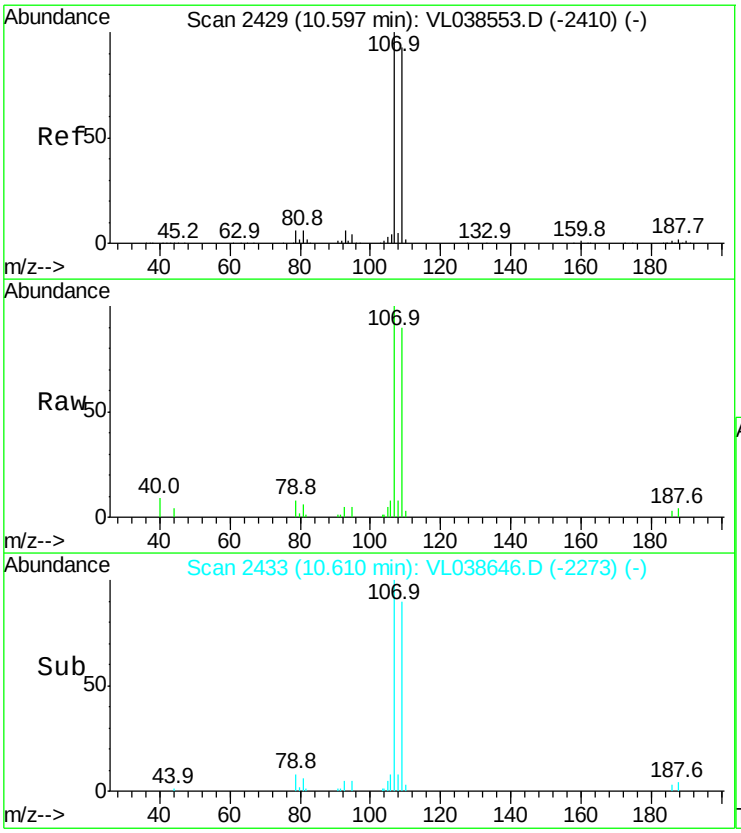
#53
Toluene
Concen: 0.37 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 91 Resp: 72024

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.1	72.1

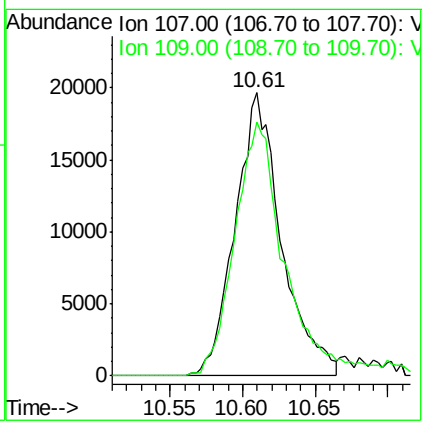


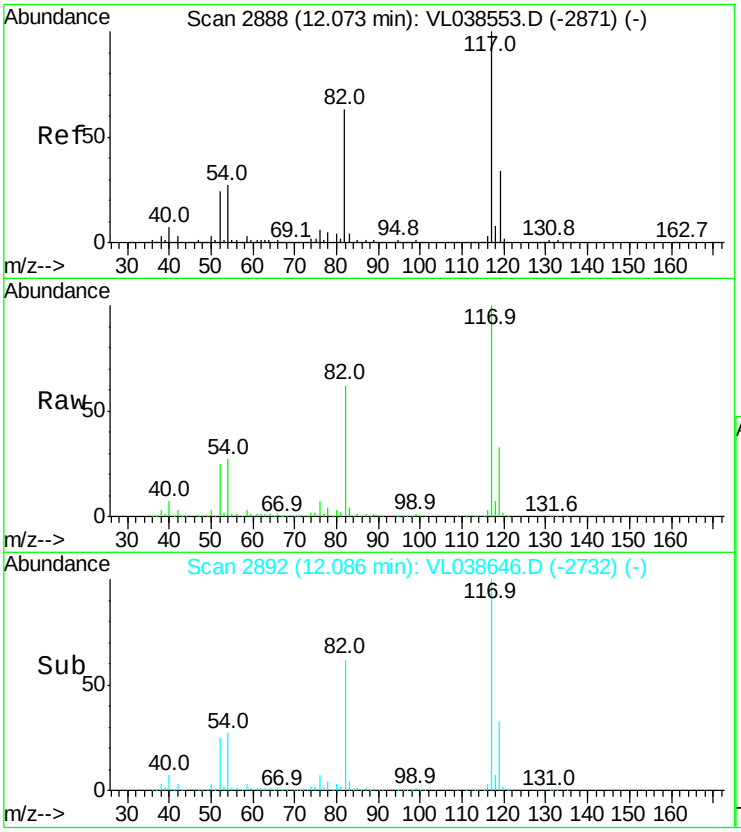


#54
1,2-Dibromoethane
Concen: 0.43 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:107 Resp: 43512

Ion	Ratio	Lower	Upper
107	100		
109	89.6	74.6	112.0



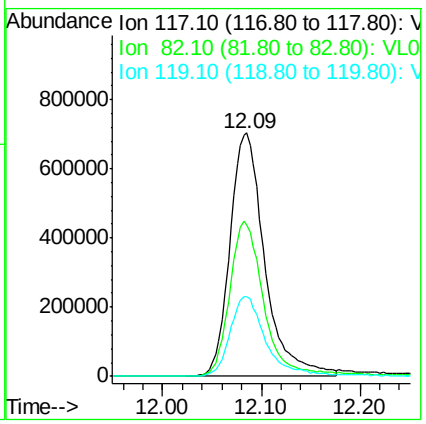


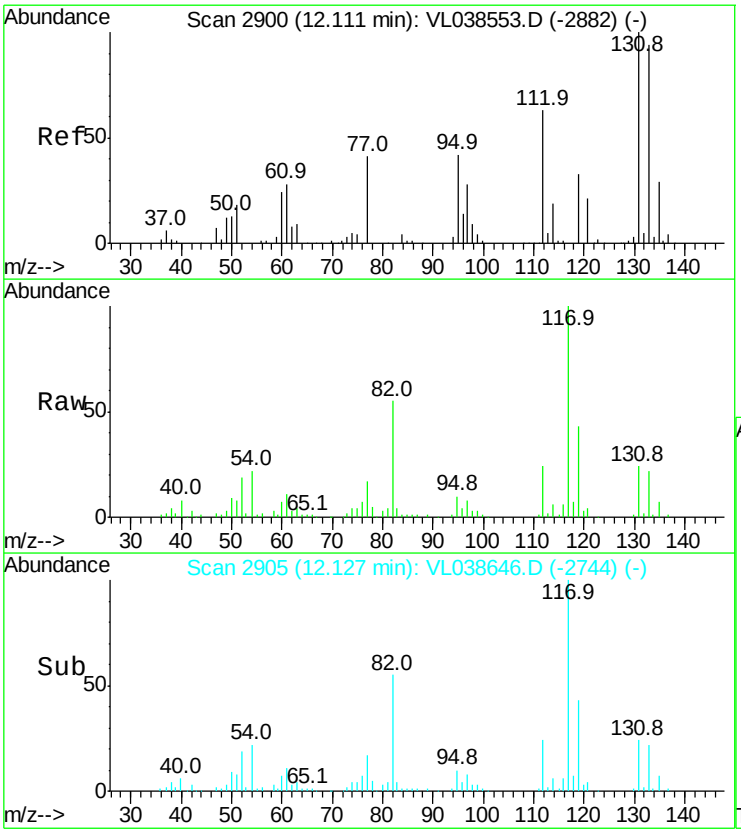
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:117 Resp: 1727244

Ion	Ratio	Lower	Upper
117	100		
82	64.9	52.5	78.7
119	34.4	46.4	69.6#

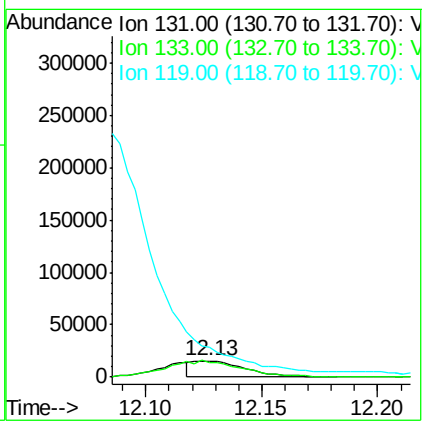


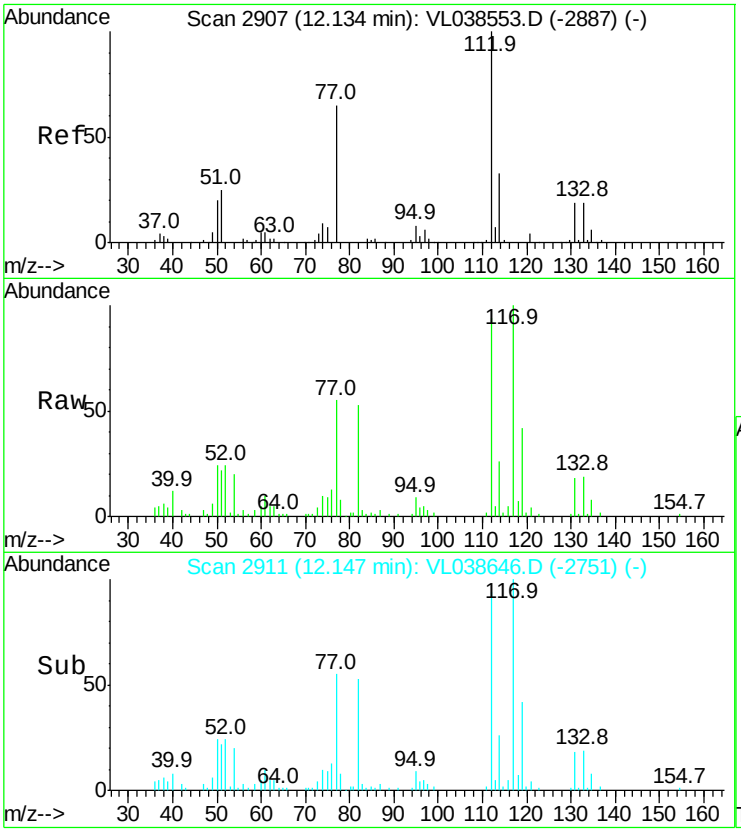


#56
1,1,1,2-Tetrachloroethane
Concen: 0.35 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:131 Resp: 24825

Ion	Ratio	Lower	Upper
131	100		
133	150.2	78.0	117.0#
119	0.0	53.1	79.7#



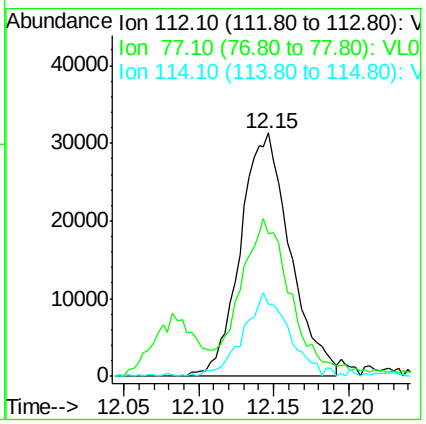


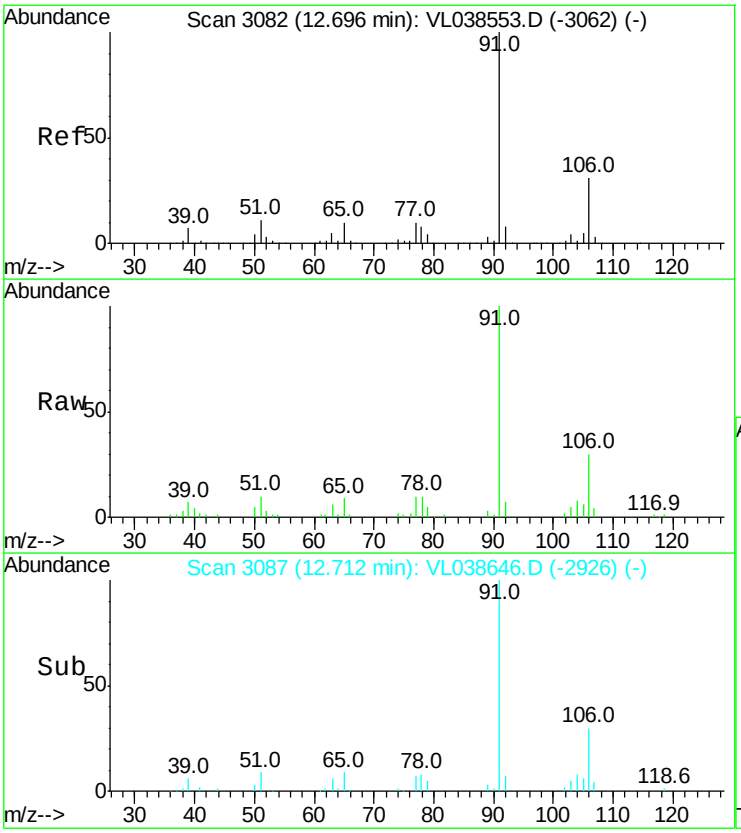
#57
Chlorobenzene
Concen: 0.55 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:112 Resp: 72261

Ion	Ratio	Lower	Upper
112	100		
77	54.4	52.5	78.7
114	29.9	30.0	36.6#

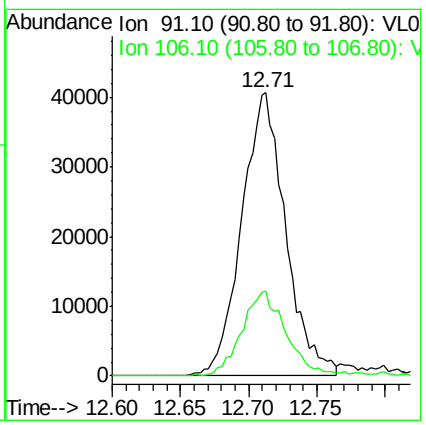


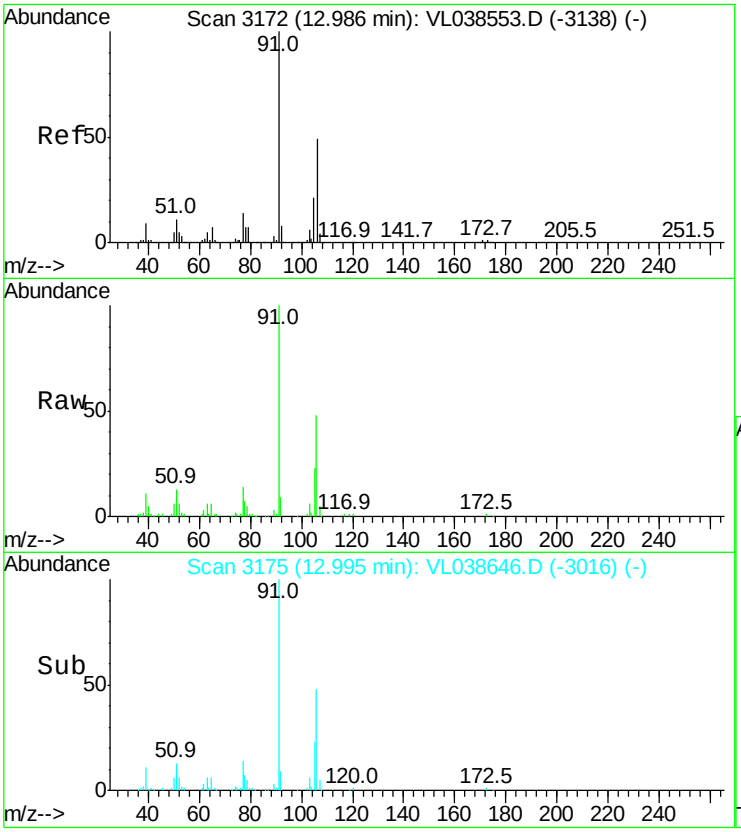


#58
Ethyl Benzene
Concen: 0.41 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 91 Resp: 90698

Ion	Ratio	Lower	Upper
91	100		
106	33.7	24.6	37.0



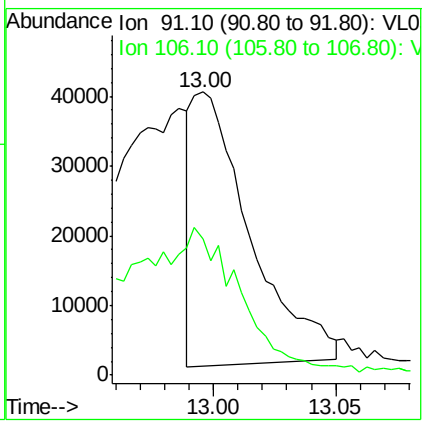


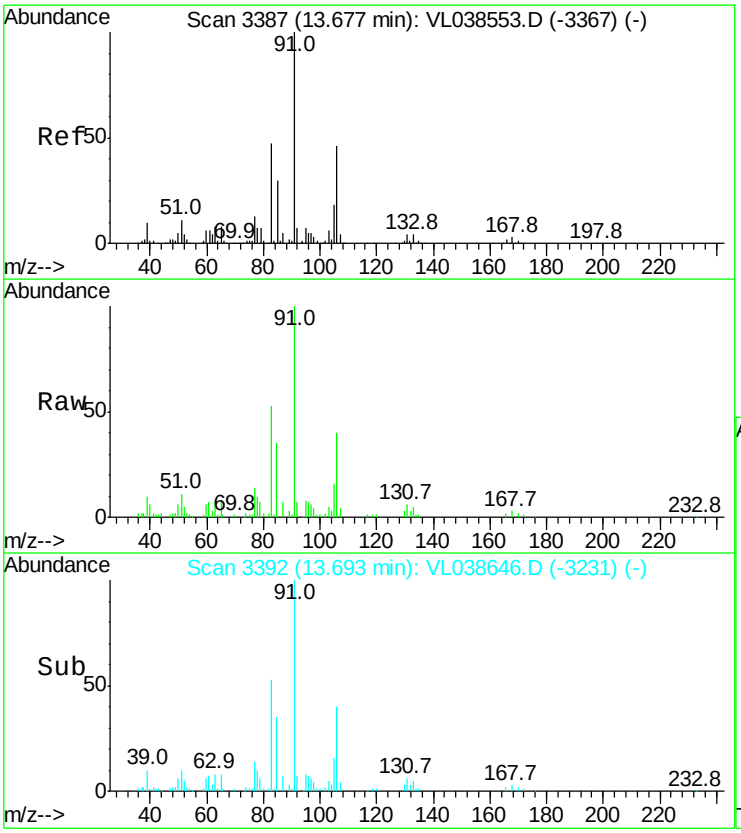
#59
m/p-Xylene
Concen: 0.34 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 91 Resp: 64687

Ion	Ratio	Lower	Upper
91	100		
106	111.4	37.1	55.7#

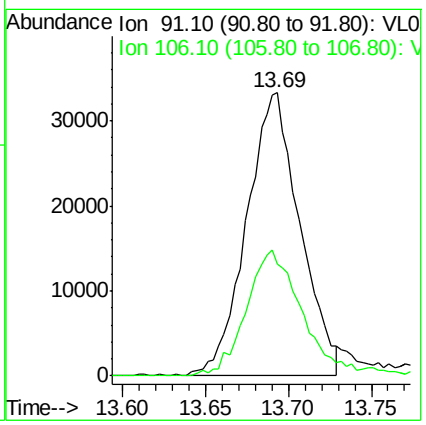


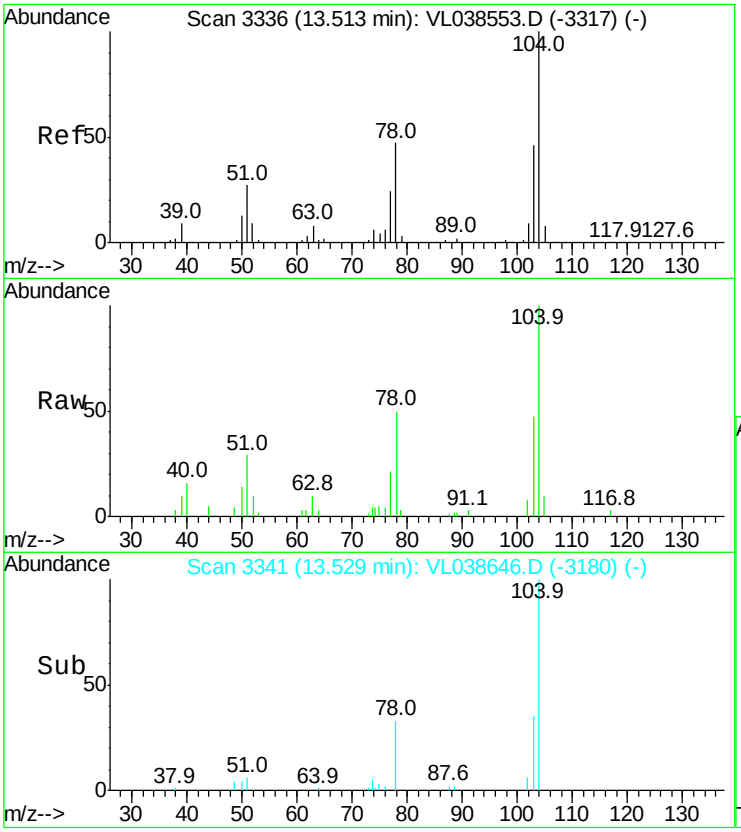


#60
o-Xylene
Concen: 0.41 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 91 Resp: 74749

Ion	Ratio	Lower	Upper
91	100		
106	47.4	23.5	70.6



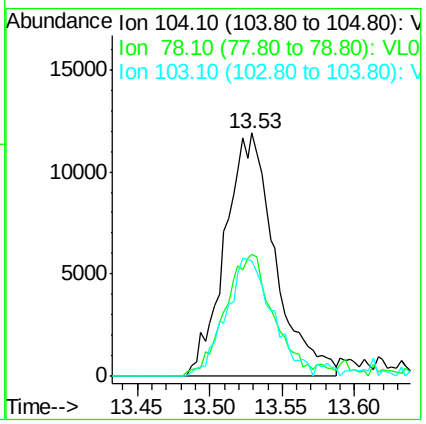


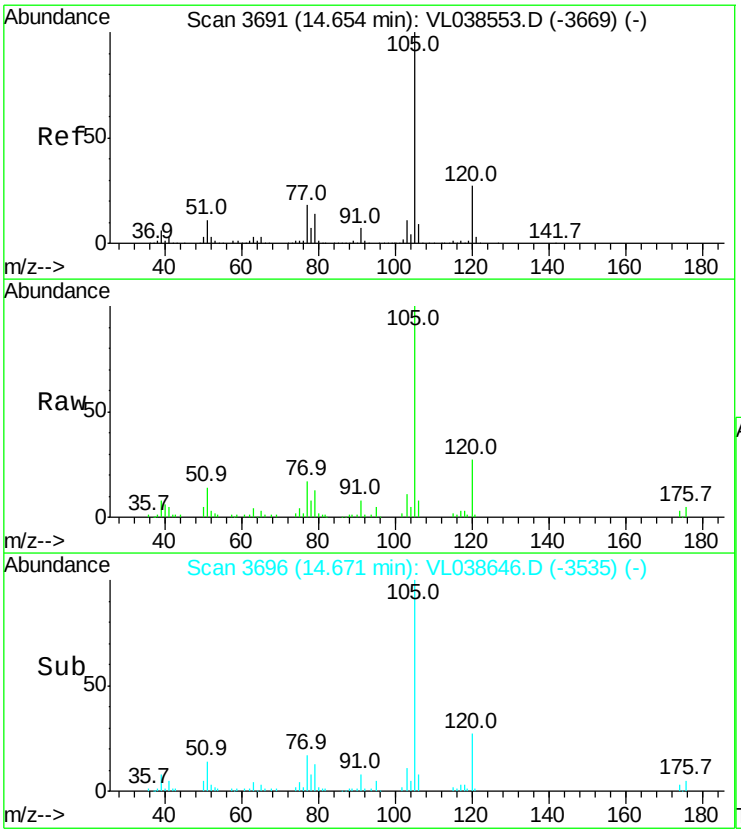
#61
Styrene
Concen: 0.32 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:104 Resp: 28601

Ion	Ratio	Lower	Upper
104	100		
78	51.7	39.0	58.4
103	49.5	38.0	57.0

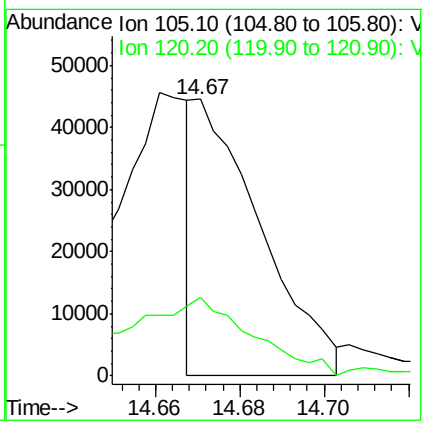


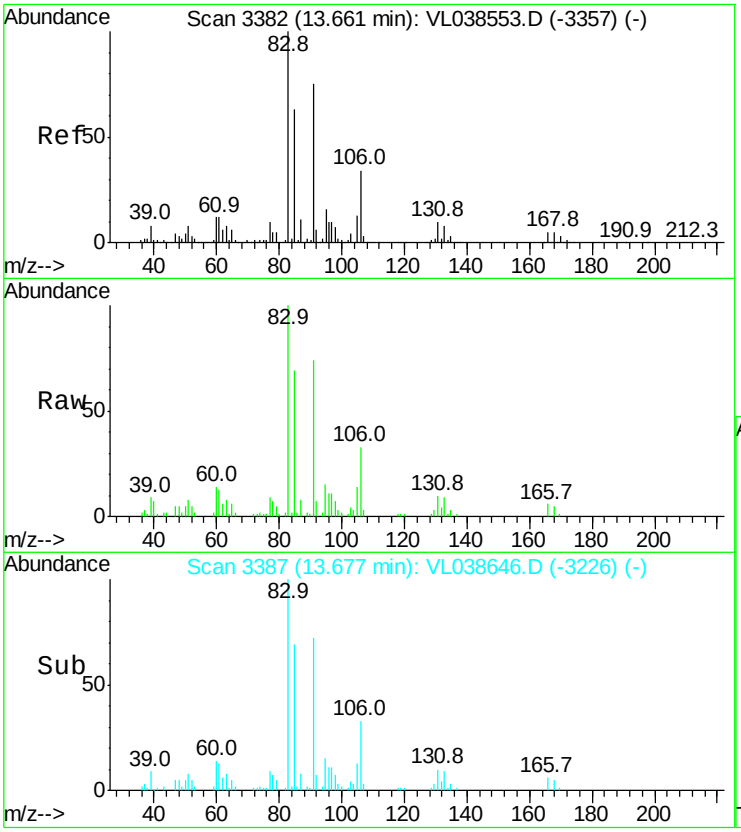


#62
Isopropylbenzene
Concen: 0.19 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:105 Resp: 47979

Ion	Ratio	Lower	Upper
105	100		
120	58.9	21.2	31.8#



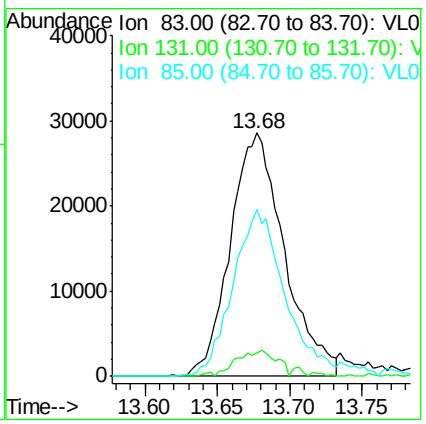


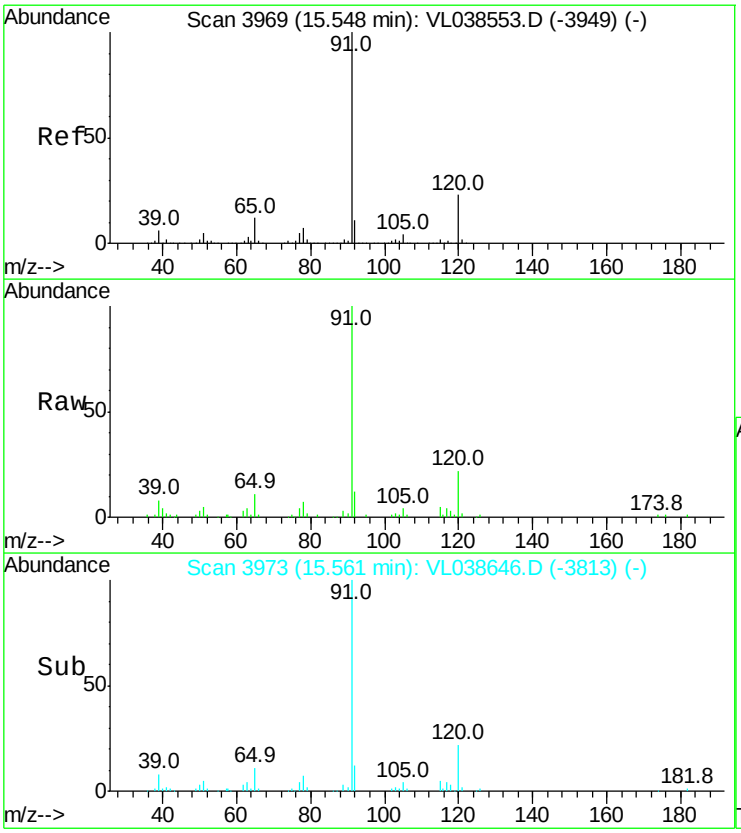
#63
1,1,2,2-Tetrachloroethane
Concen: 0.49 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 83 Resp: 74138

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.1
85	71.0	32.6	98.0

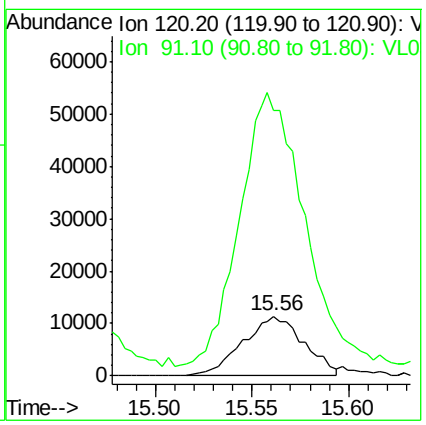


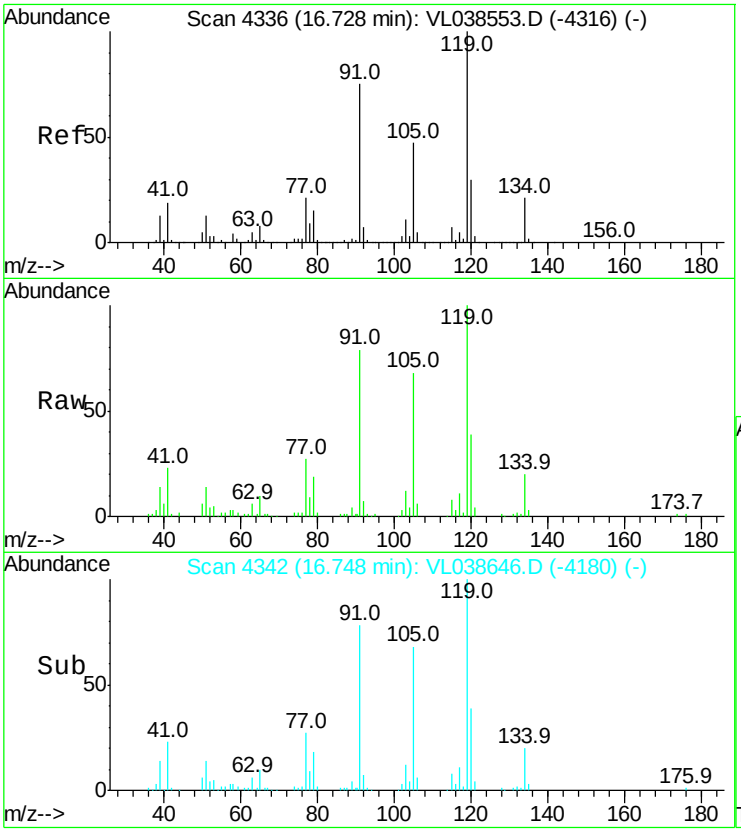


#64
n-propylbenzene
Concen: 0.39 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:120 Resp: 24965

Ion	Ratio	Lower	Upper
120	100		
91	560.2	374.2	561.2



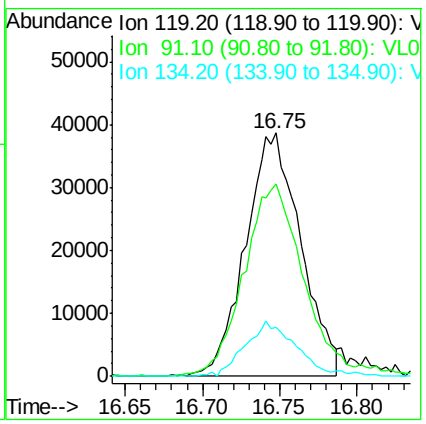


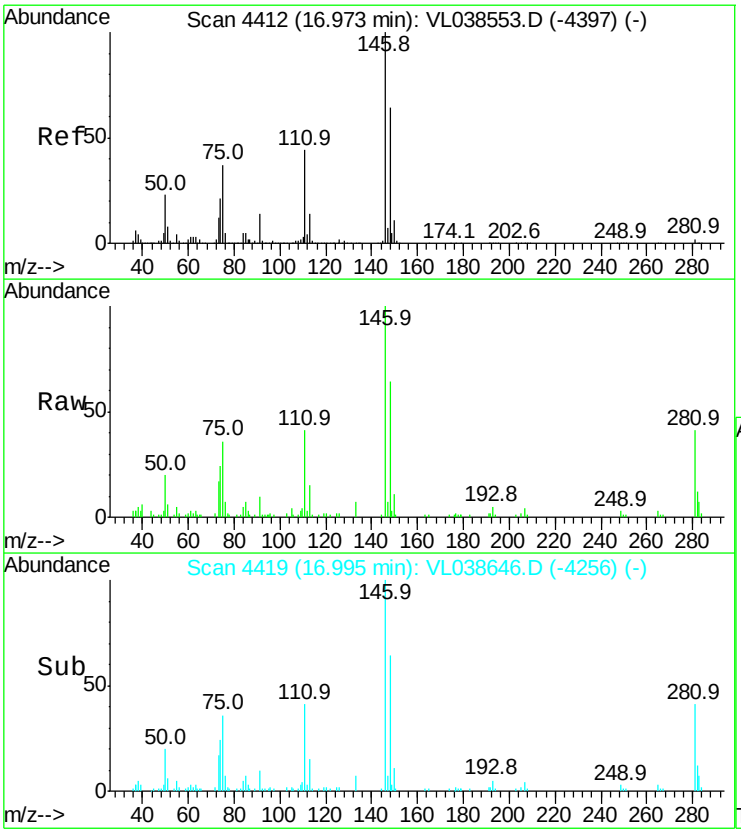
#65
tert-Butylbenzene
Concen: 0.43 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:119 Resp: 95974

Ion	Ratio	Lower	Upper
119	100		
91	86.7	61.2	91.8
134	21.4	16.2	24.2

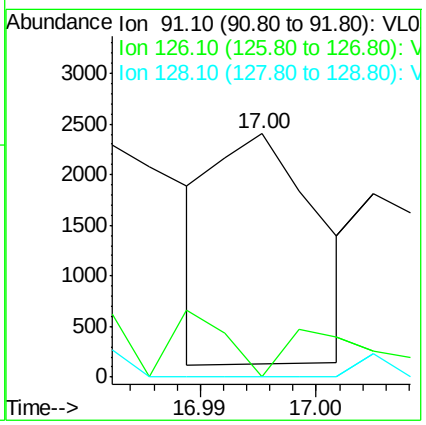


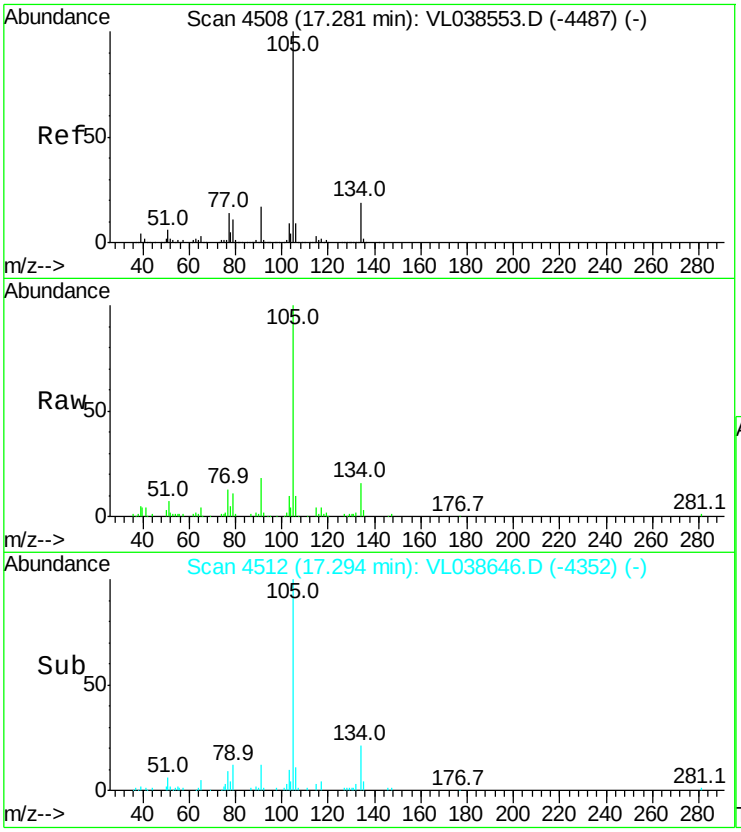


#66
Benzyl Chloride
Concen: 0.11 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 91 Resp: 1406

Ion	Ratio	Lower	Upper
91	100		
126	55.8	14.1	21.1#
128	0.0	5.1	7.7#



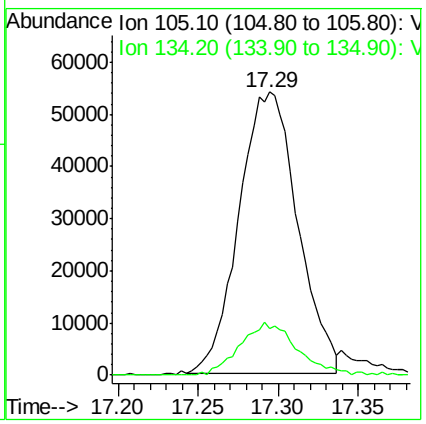


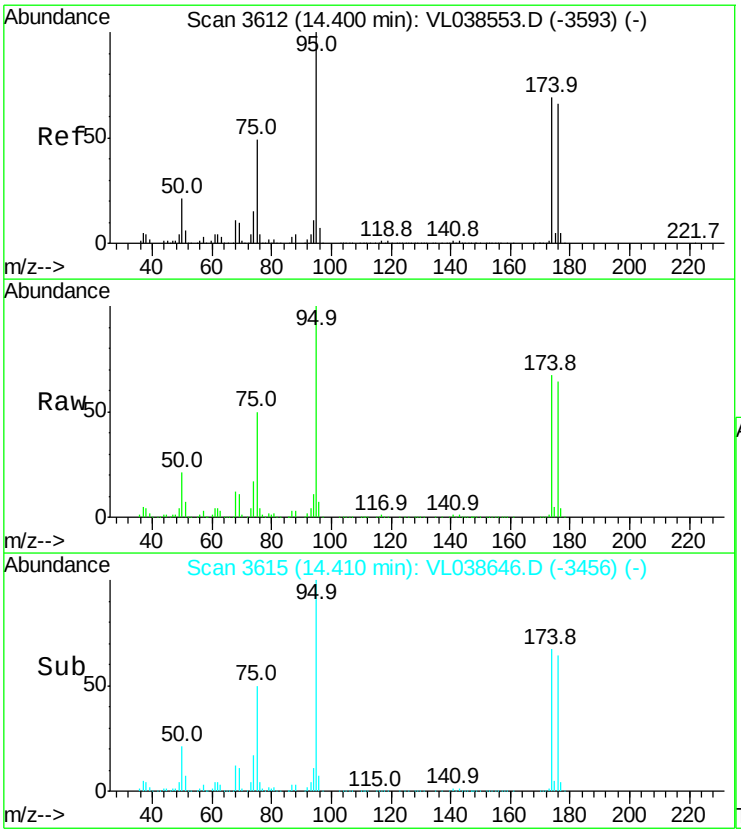
#67
sec-Butylbenzene
Concen: 0.43 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:105 Resp: 135521

Ion	Ratio	Lower	Upper
105	100		
134	18.4	15.0	22.6

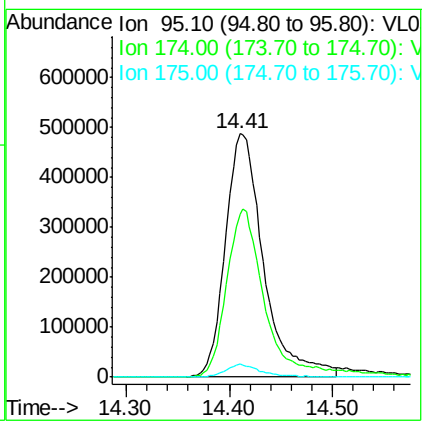


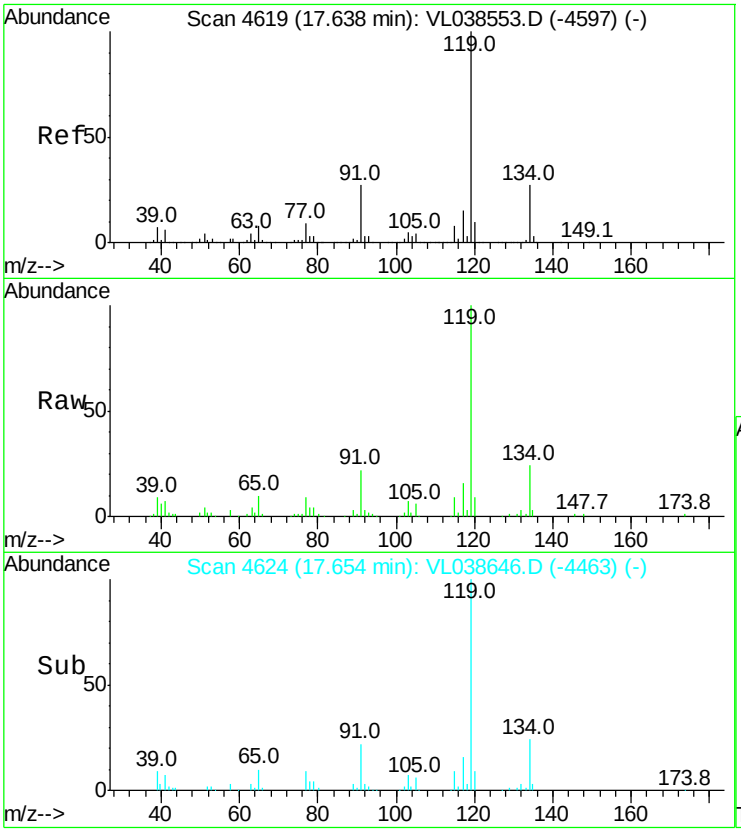


#68
1-Bromo-4-Fluorobenzene
Concen: 9.60 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 95 Resp: 1261266

Ion	Ratio	Lower	Upper
95	100		
174	71.0	56.2	84.4
175	5.2	4.2	6.2



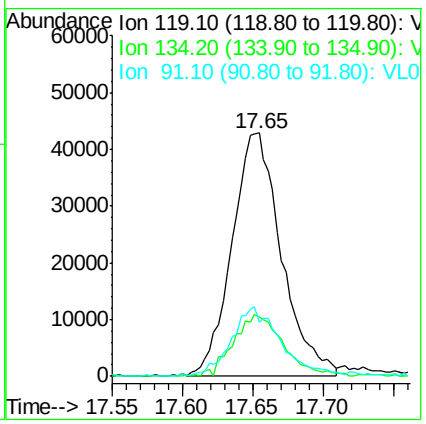


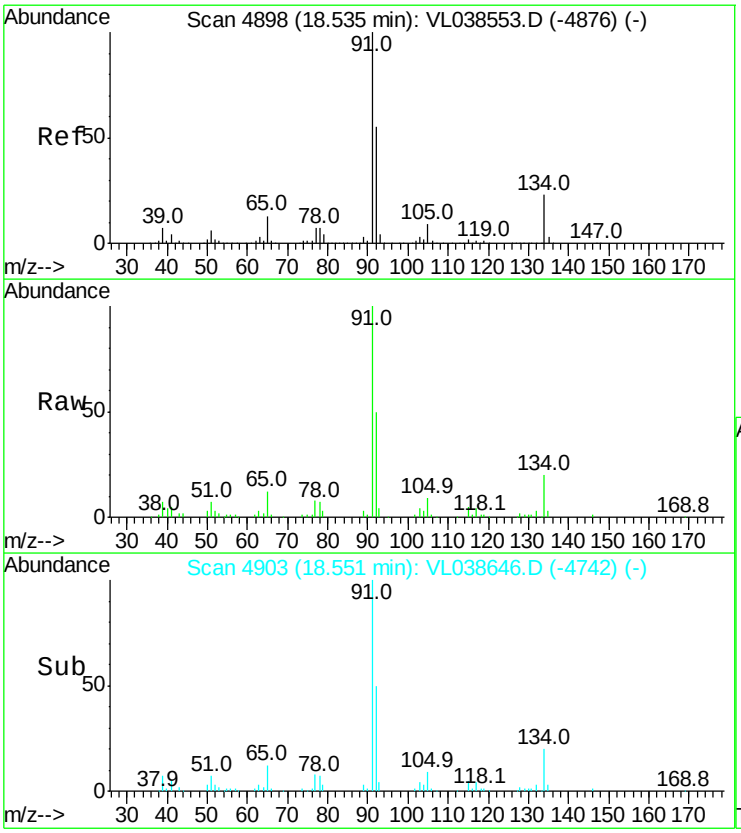
#69
p-Isopropyltoluene
Concen: 0.40 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:119 Resp: 105351

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.9	31.3
91	29.5	21.1	31.7

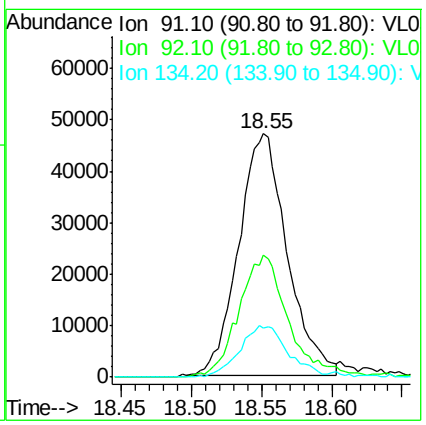


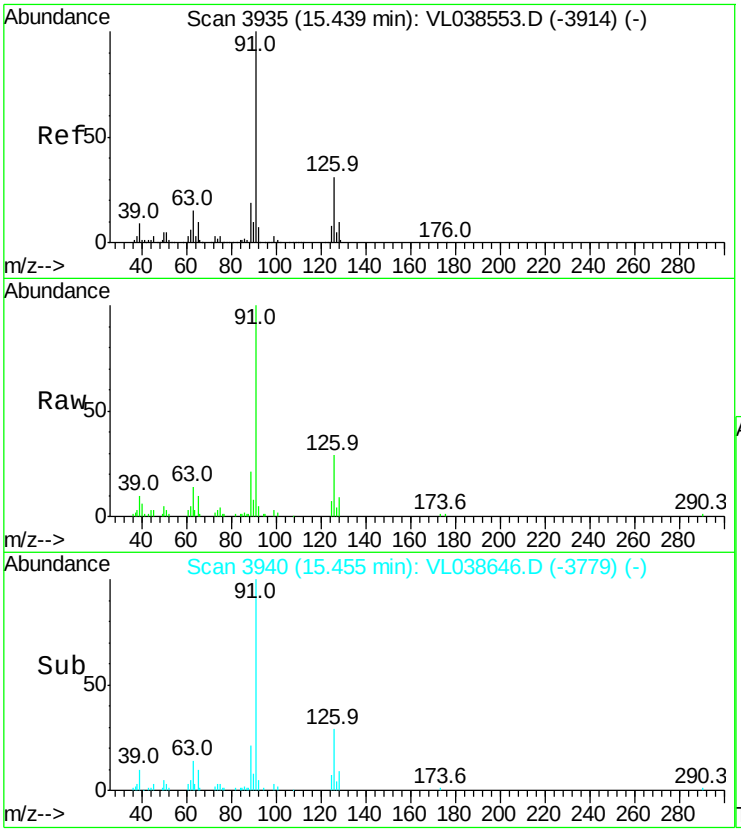


#70
n-Butylbenzene
Concen: 0.41 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 91 Resp: 113683

Ion	Ratio	Lower	Upper
91	100		
92	51.7	43.8	65.8
134	21.9	18.7	28.1



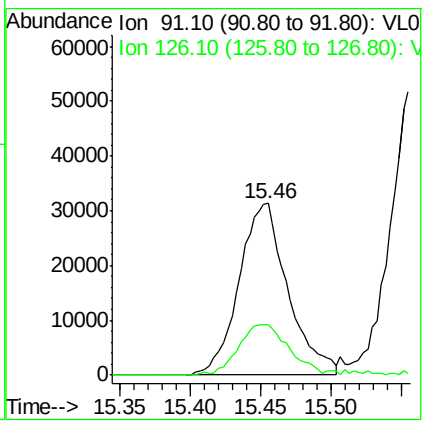


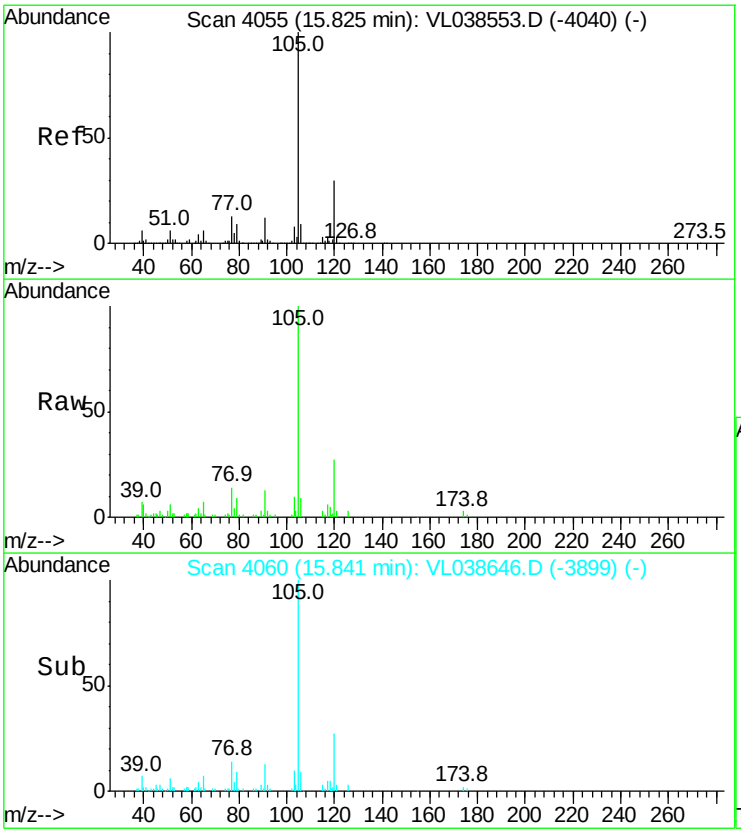
#71
2-Chlorotoluene
Concen: 0.41 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 91 Resp: 76124

Ion	Ratio	Lower	Upper
91	100		
126	32.0	12.9	51.7

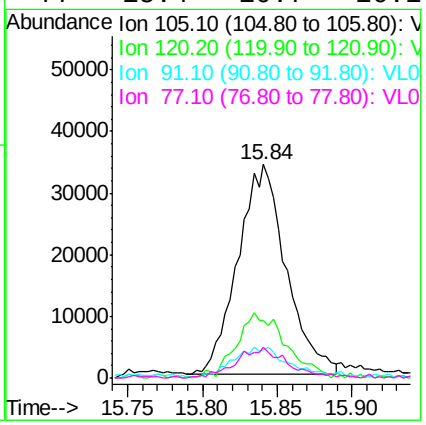


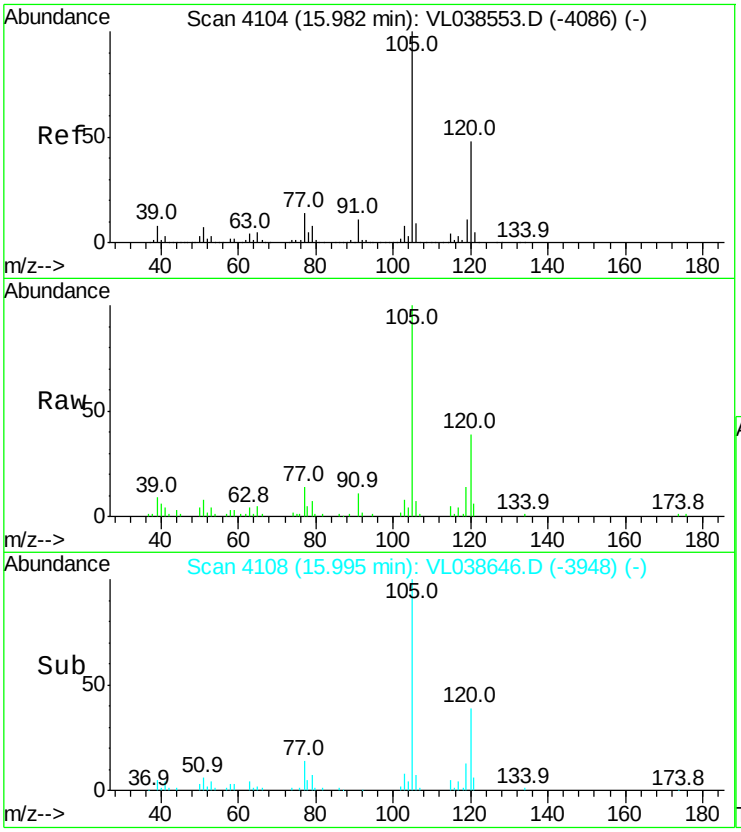


#72
4-Ethyltoluene
Concen: 0.37 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. 0.02 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:105 Resp: 76123

Ion	Ratio	Lower	Upper
105	100		
120	32.4	25.0	37.4
91	16.3	9.8	14.6#
77	15.4	10.7	16.1



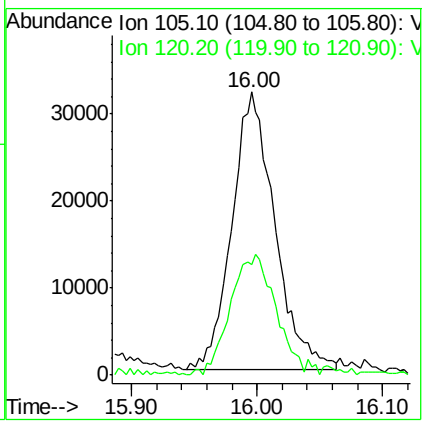


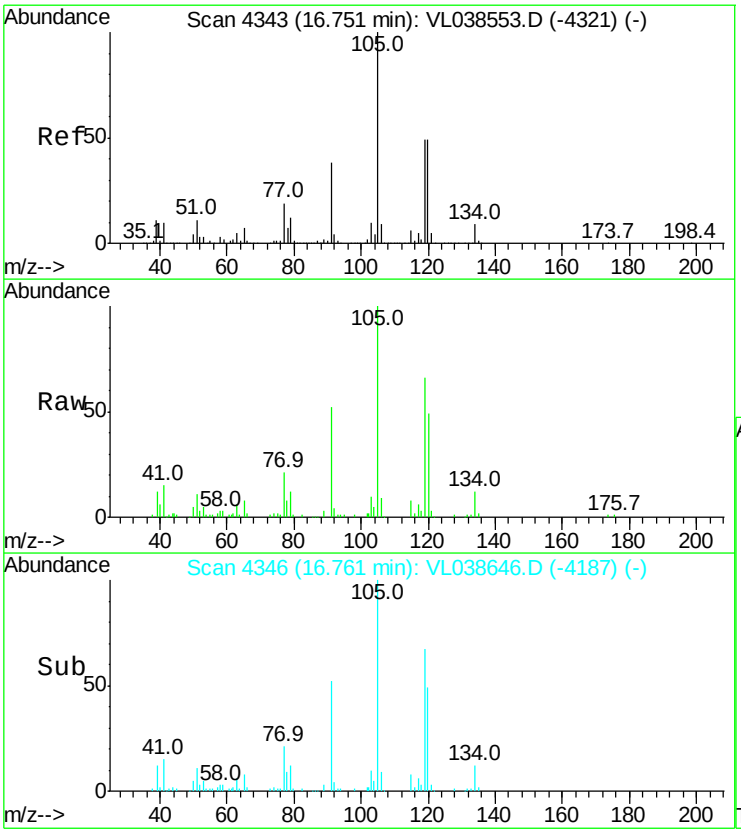
#73
1,3,5-Trimethylbenzene
Concen: 0.39 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:105 Resp: 76135

Ion	Ratio	Lower	Upper
105	100		
120	45.7	38.3	57.5

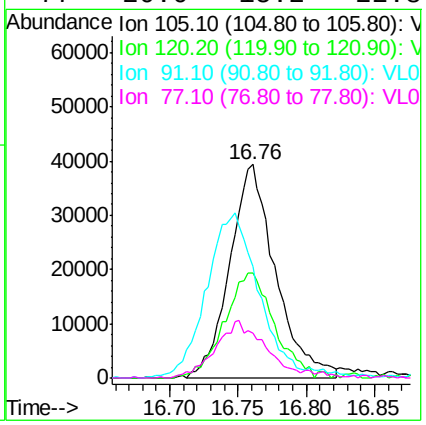


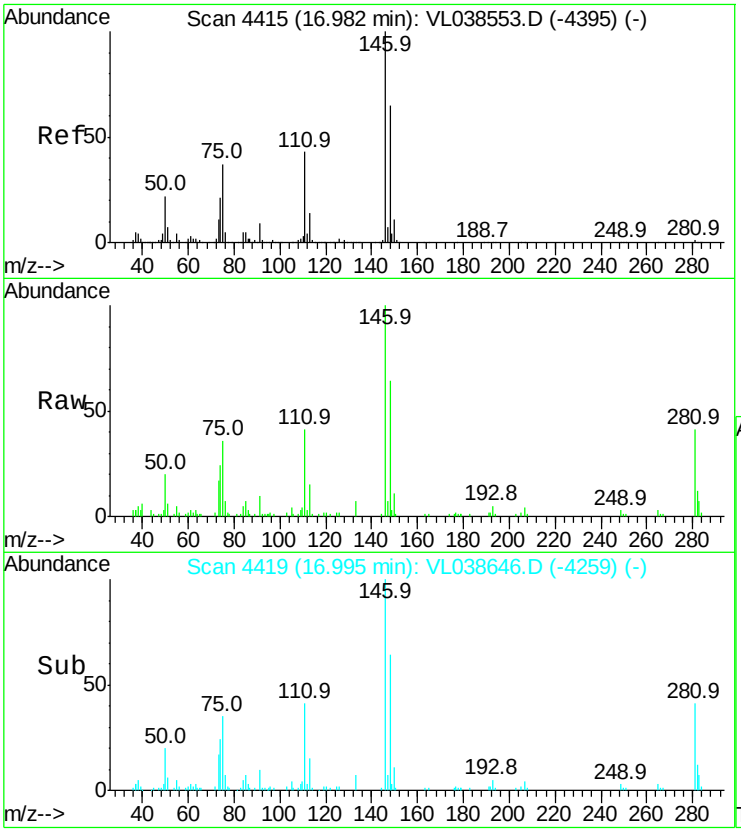


#74
1,2,4-Trimethylbenzene
Concen: 0.45 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:105 Resp: 91774

Ion	Ratio	Lower	Upper
105	100		
120	50.9	38.9	58.3
91	49.2	30.6	46.0#
77	20.0	15.2	22.8



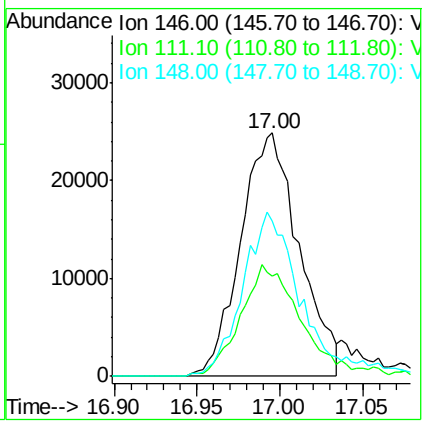


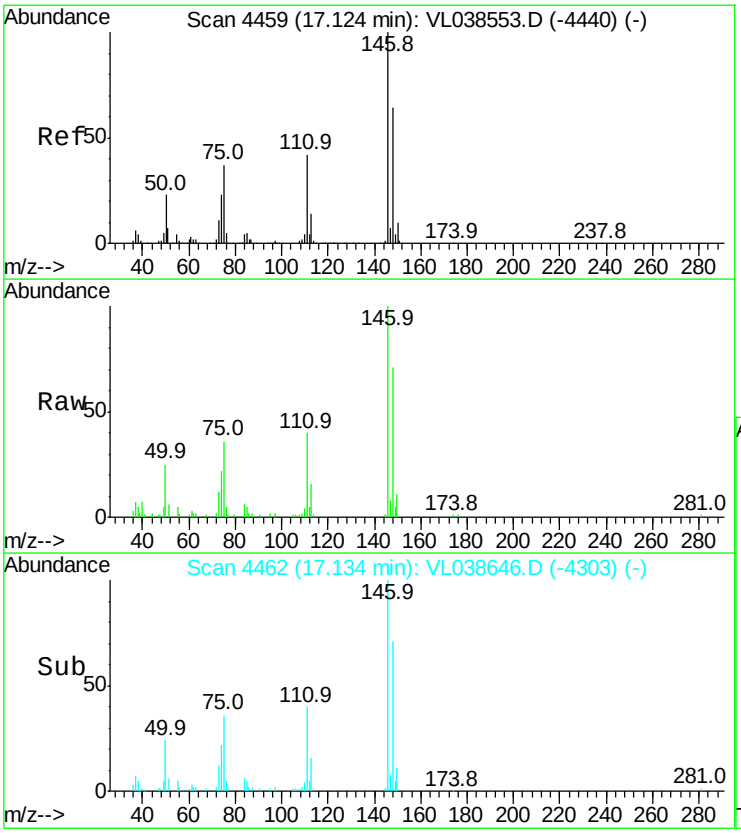
#75
1,3-Dichlorobenzene
Concen: 0.47 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:146 Resp: 61089

Ion	Ratio	Lower	Upper
146	100		
111	48.1	21.9	65.8
148	68.1	32.2	96.6

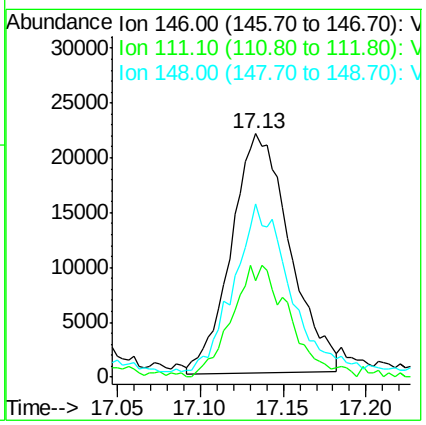


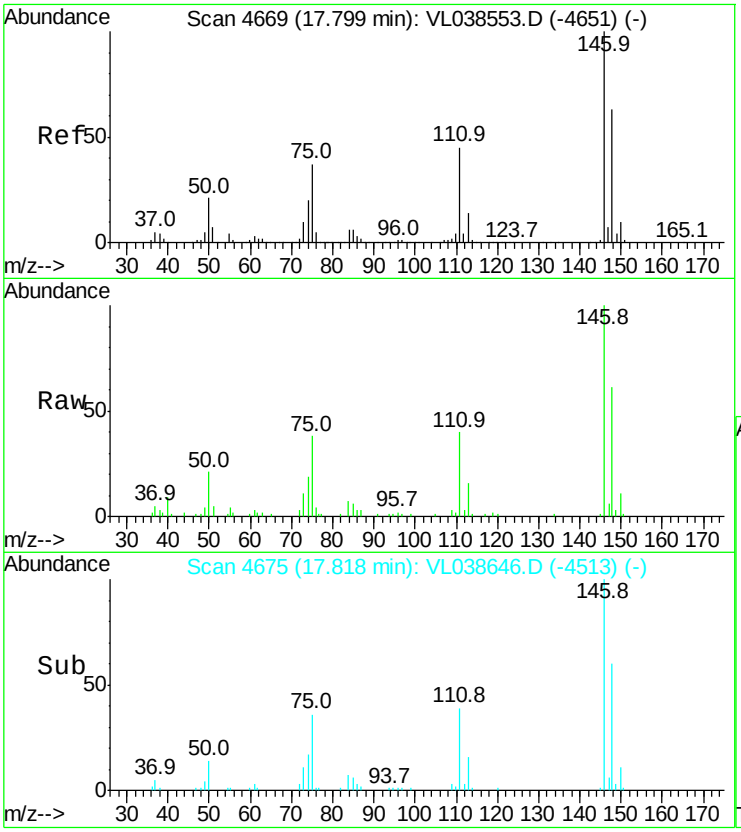


#76
1,4-Dichlorobenzene
Concen: 0.42 ppbv
RT: 17.13 min Scan# 4462
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:146 Resp: 53768

Ion	Ratio	Lower	Upper
146	100		
111	47.0	21.8	65.3
148	77.3	32.8	98.4



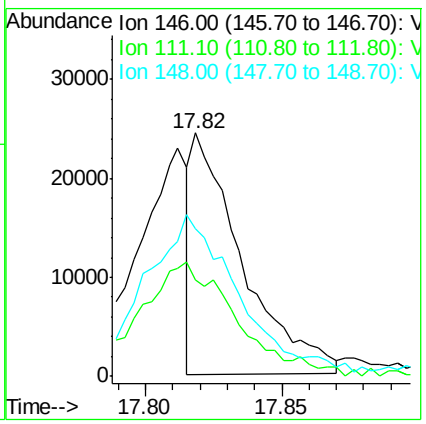


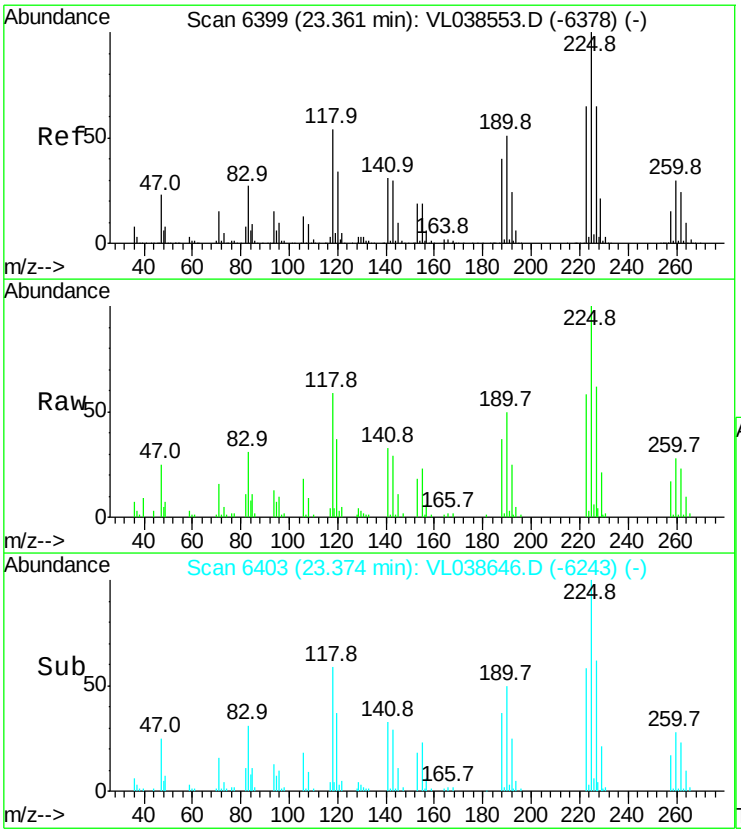
#77
1,2-Dichlorobenzene
Concen: 0.24 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:146 Resp: 30893

Ion	Ratio	Lower	Upper
146	100		
111	93.0	23.2	69.5#
148	136.3	32.6	98.0#

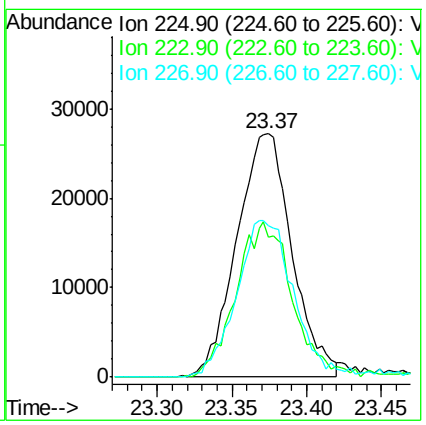


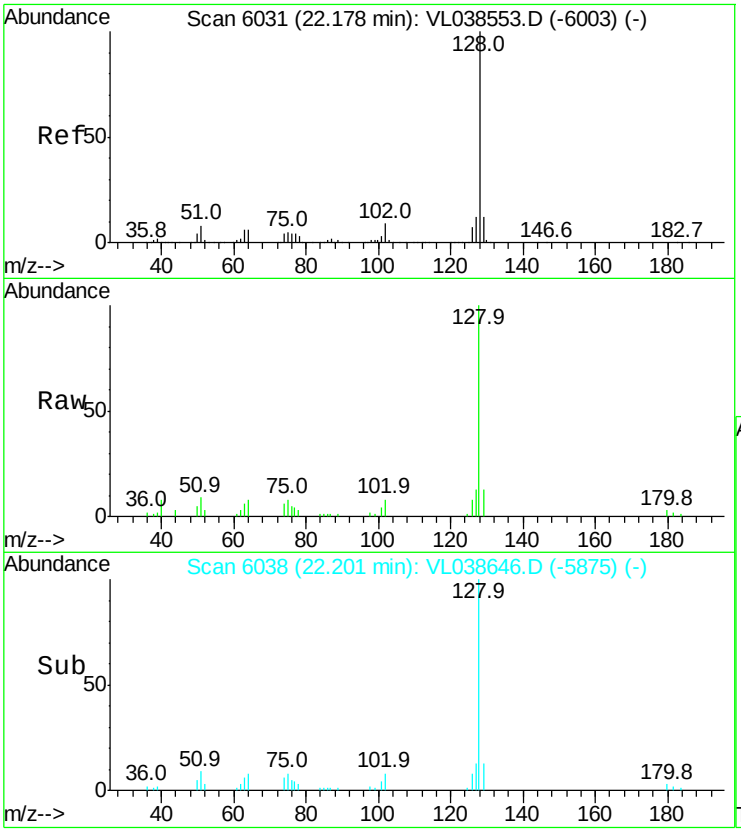


#78
Hexachloro-1,3-Butadiene
Concen: 0.55 ppbv
RT: 23.37 min Scan# 6403
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:225 Resp: 69928

Ion	Ratio	Lower	Upper
225	100		
223	65.8	51.4	77.0
227	66.6	51.9	77.9



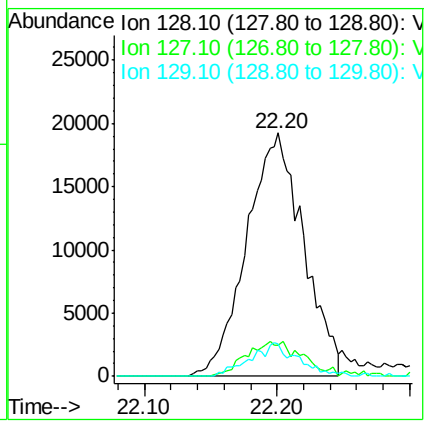


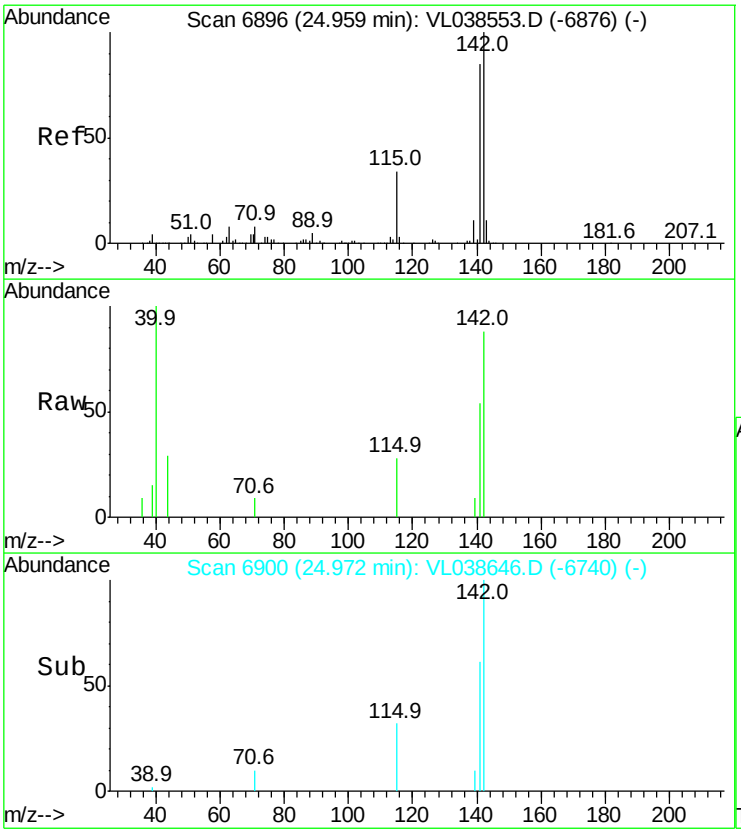
#79
Naphthalene
Concen: 0.31 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:128 Resp: 57423

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.9	14.9
129	13.1	9.3	13.9

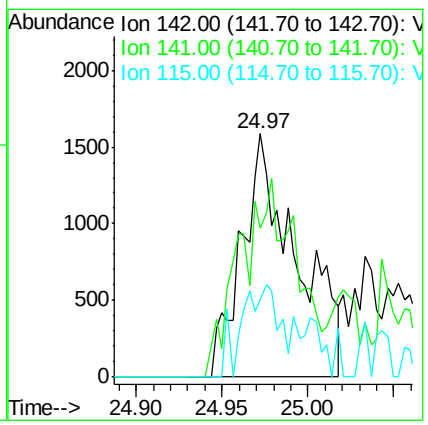


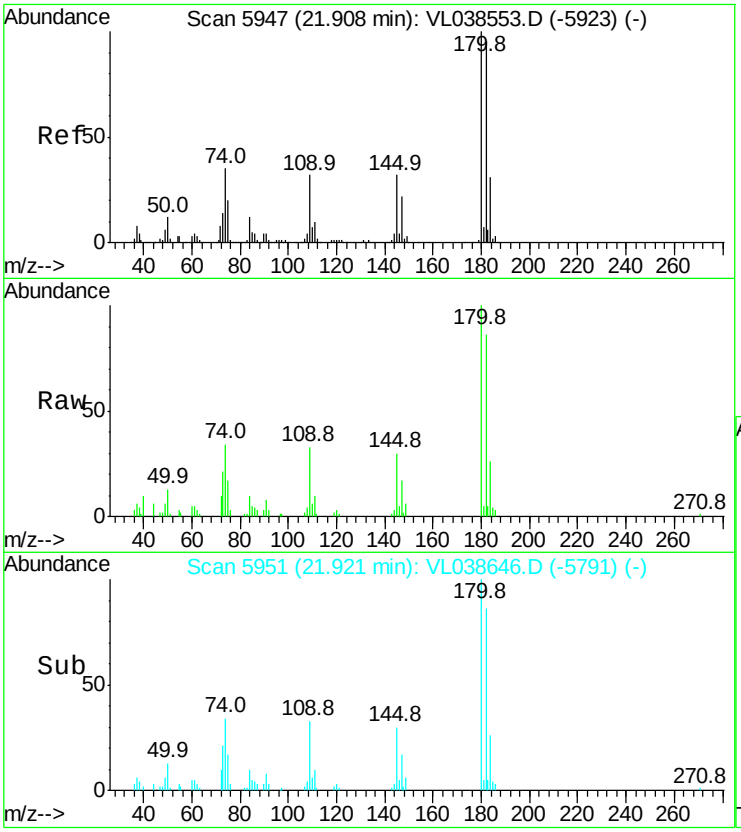


#80
Naphthalene,2-methyl-
Concen: 0.11 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion:142 Resp: 3500

Ion	Ratio	Lower	Upper
142	100		
141	84.1	68.4	102.6
115	38.5	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 0.38 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:180 Resp: 44727

Ion	Ratio	Lower	Upper
180	100		
182	98.9	79.1	118.7
184	31.0	25.0	37.6