Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038606.D
Acq On : 14 Mar 2022 22:54
Operator : SY/AP
Sample : N1645-14 0.5 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2022

Quant Time: Mar 15 01:46:03 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	5.64	49	814553	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.15	114	2036721	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.05	117	1835699	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1380439	9.89	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	66109	0.54	ppbv		100
3) Chlorodifluoromethane	2.98	51	81687	0.57	ppbv		100
4) Chloromethane	3.13	50	31527	0.59	ppbv		96
5) Vinyl Chloride	3.25	62	28462	0.53	ppbv		94
6) Bromomethane	3.46	94	17052	0.59	ppbv		96
7) Chloroethane	3.55	64	9472	0.55	ppbv	#	77
8) Dichlorotetrafluoroethane	3.18	85	76241	0.64	ppbv		97
9) Propene	3.00	41	25406	0.50	ppbv		95
10) Heptane	8.10	43	54041	0.45	ppbv		92
11) Trichlorofluoromethane	3.93	101	63880	0.59	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	46835	0.56	ppbv		93
13) Ethanol	3.60	45	1221	0.21	ppbv	#	34
14) Bromoethene	3.73	108	18206	0.51	ppbv	#	85
15) Acetone	3.85	43	13646	0.24	ppbv	#	46
16) 1,3-Butadiene	3.32	39	23620	0.51	ppbv		94
17) tert-Butyl alcohol	4.29	59	14183	0.23	ppbv	#	73
18) 1,1-Dichloroethene	4.27	96	20132	0.54	ppbv		98
19) Isopropyl Alcohol	3.97	45	17842	0.47	ppbv	#	88
20) Methylene Chloride	4.33	84	19647	0.57	ppbv	#	84
21) Allyl Chloride	4.39	41	27015	0.49	ppbv		91
22) trans-1,2-Dichloroethene	4.87	96	20700	0.53	ppbv		93
23) Vinyl Acetate	5.06	43	42316	0.51	ppbv	#	96
24) 1,1-Dichloroethane	4.99	63	43580	0.58	ppbv		99
25) Ethyl Acetate	5.66	43	95535	0.49	ppbv		97
26) Hexane	5.66	57	20293	0.22	ppbv	#	1
27) Carbon Disulfide	4.53	76	46130	0.51	ppbv	#	92
28) Methyl tert-Butyl Ether	5.02	73	37882	0.51	ppbv		92
29) Chloroform	5.73	83	79835	0.56	ppbv		96
30) Cyclohexane	7.10	84	28517	0.36	ppbv	#	85
31) cis-1,2-Dichloroethene	5.53	61	42430	0.49	ppbv		98
32) 1,1,1-Trichloroethane	6.48	97	73250	0.53	ppbv		97
34) 2-Butanone	5.24	43	29491	0.56	ppbv		92
35) Carbon Tetrachloride	6.99	117	77197	0.56	ppbv		99
36) Benzene	6.86	78	91151	0.50	ppbv		97
37) 1,2-Dichloroethane	6.28	62	48510	0.55	ppbv		100
38) Trichloroethene	7.81	130	35596	0.48	ppbv		86
39) 1,2-Dichloropropane	7.58	63	38175	0.54	ppbv		92
41) Tetrahydrofuran	6.05	42	15844	0.37	ppbv		96
42) Bromodichloromethane	7.76	83	78970	0.57	ppbv		87
43) Methyl Methacrylate	8.00	69	24973	0.40	ppbv		93
44) 2,2,4-Trimethylpentane	7.84	57	158143	0.51	ppbv		94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038606.D
Acq On : 14 Mar 2022 22:54
Operator : SY/AP
Sample : N1645-14 0.5 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Quant Time: Mar 15 01:46:03 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)
45) t-1,3-Dichloropropene	9.25	75	5172	0.11	ppbv		100
46) cis-1,3-Dichloropropene	8.67	75	20394	0.33	ppbv		95
47) 1,1,2-Trichloroethane	9.44	97	39656	0.55	ppbv		96
48) Dibromochloromethane	10.27	129	60043	0.52	ppbv		99
49) Bromoform	13.00	173	19705	0.22	ppbv	#	26
50) 4-Methyl-2-Pentanone	8.73	43	38200	0.35	ppbv		91
52) Tetrachloroethene	11.18	164	15268	0.23	ppbv		93
53) Toluene	9.77	91	81565	0.42	ppbv		100
54) 1,2-Dibromoethane	10.58	107	49339	0.48	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.09	131	45491	0.61	ppbv	#	1
57) Chlorobenzene	12.11	112	85327	0.61	ppbv	#	86
58) Ethyl Benzene	12.68	91	102661	0.43	ppbv		95
59) m/p-Xylene	12.96	91	114867	0.56	ppbv	#	51
60) o-Xylene	13.66	91	94622	0.49	ppbv		98
61) Styrene	13.50	104	32688	0.35	ppbv		94
62) Isopropylbenzene	14.63	105	70978	0.27	ppbv	#	48
63) 1,1,2,2-Tetrachloroethane	13.64	83	87766	0.54	ppbv		95
64) n-propylbenzene	15.53	120	32302	0.48	ppbv		80
65) tert-Butylbenzene	16.72	119	121280	0.51	ppbv		95
66) Benzyl Chloride	16.94	91	1571	0.11	ppbv	#	66
67) sec-Butylbenzene	17.26	105	175149	0.52	ppbv		99
69) p-Isopropyltoluene	17.62	119	128258	0.46	ppbv		97
70) n-Butylbenzene	18.52	91	135945	0.46	ppbv		97
71) 2-Chlorotoluene	15.42	91	94352	0.48	ppbv		98
72) 4-Ethyltoluene	15.81	105	98653	0.45	ppbv	#	96
73) 1,3,5-Trimethylbenzene	15.96	105	89556	0.44	ppbv		99
74) 1,2,4-Trimethylbenzene	16.73	105	113194	0.52	ppbv		95
75) 1,3-Dichlorobenzene	16.95	146	22223	0.16	ppbv	#	24
76) 1,4-Dichlorobenzene	17.10	146	67855	0.50	ppbv		96
77) 1,2-Dichlorobenzene	17.79	146	71369	0.51	ppbv		91
78) Hexachloro-1,3-Butadiene	23.35	225	83961	0.62	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	4198	0.12	ppbv	#	78

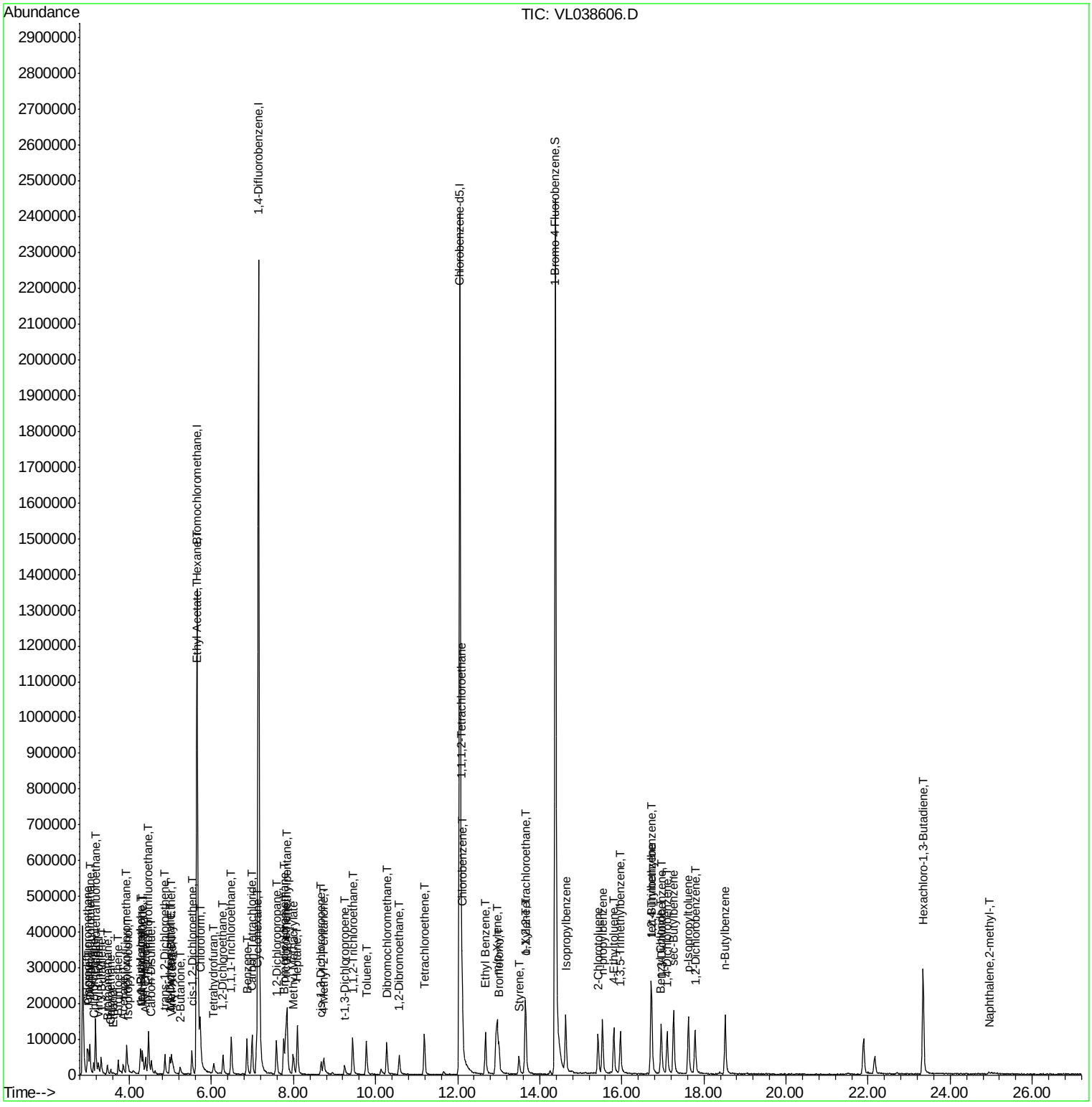
(#) = qualifier out of range (m) = manual integration (+) = signals summed

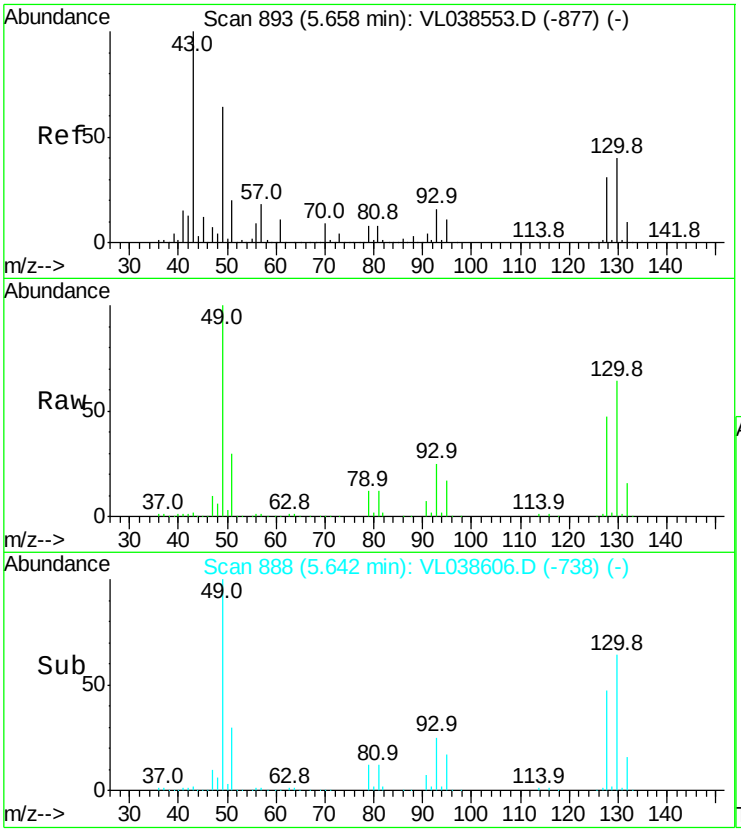
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038606.D
Acq On : 14 Mar 2022 22:54
Operator : SY/AP
Sample : N1645-14 0.5 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Quant Time: Mar 15 01:46:03 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



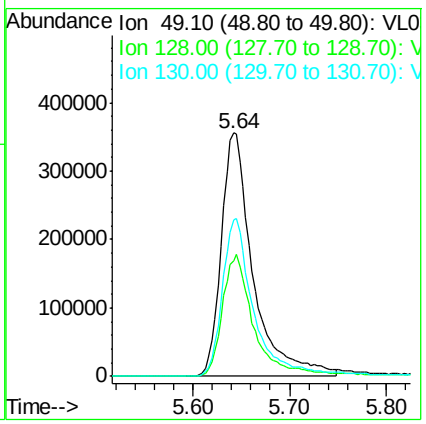


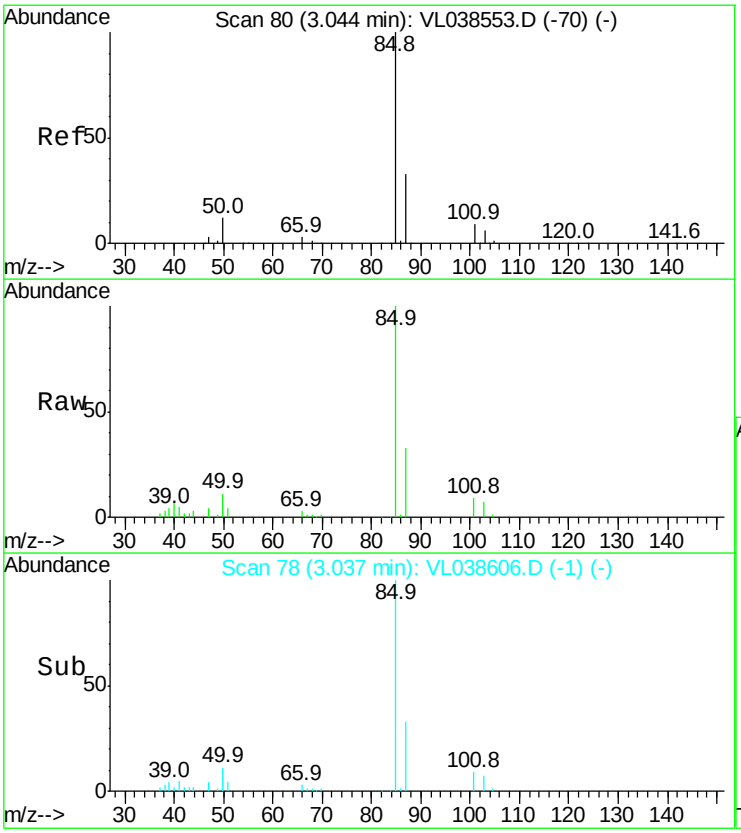
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 49 Resp: 814553

Ion	Ratio	Lower	Upper
49	100		
128	51.4	26.4	79.2
130	65.9	33.0	98.9

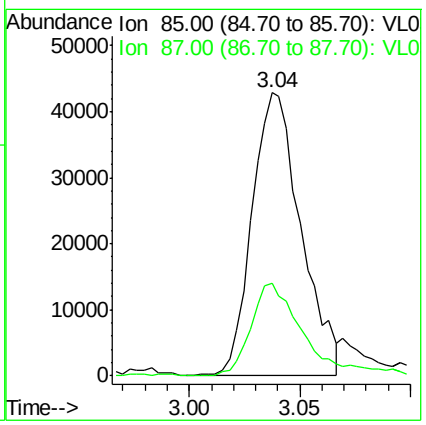


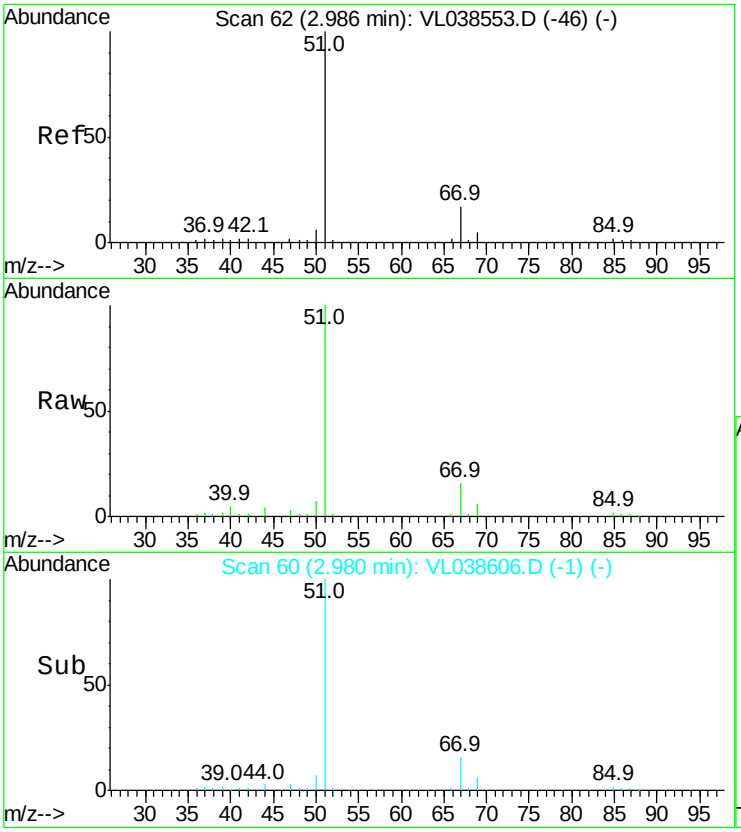


#2
Dichlorodifluoromethane
Concen: 0.54 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 85 Resp: 66109

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.2	39.2



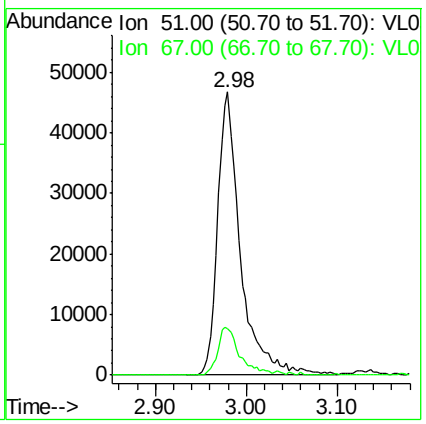


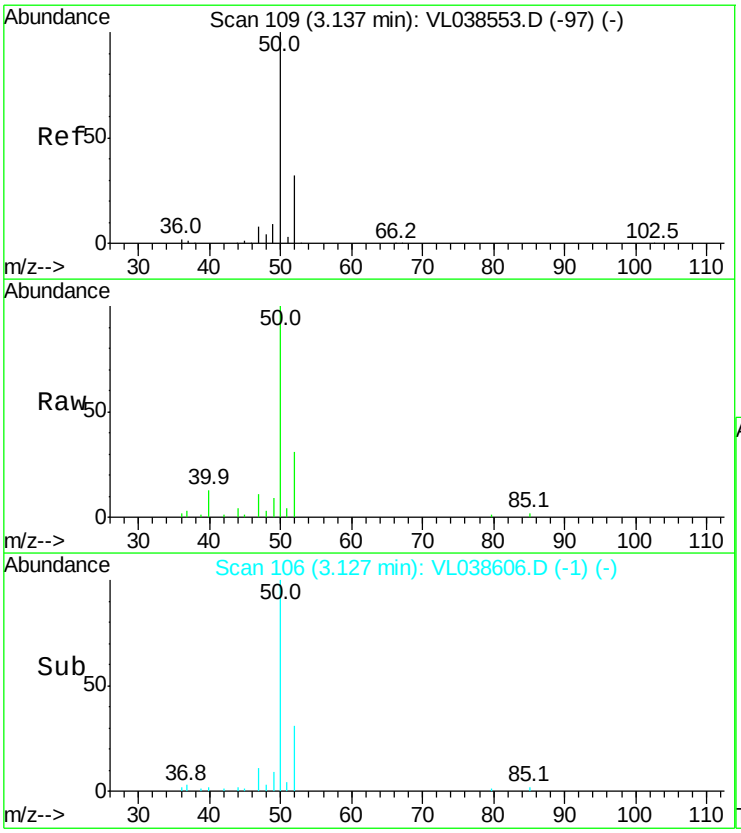
#3
Chlorodifluoromethane
Concen: 0.57 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 51 Resp: 81687

Ion	Ratio	Lower	Upper
51	100		
67	16.9	13.6	20.4

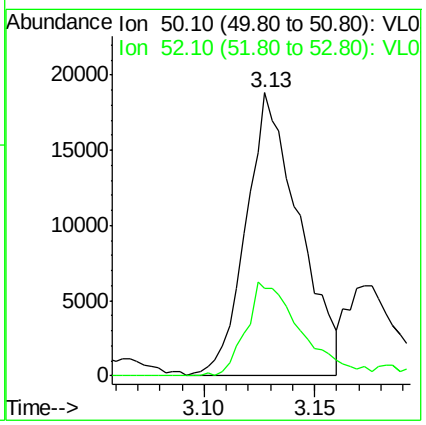


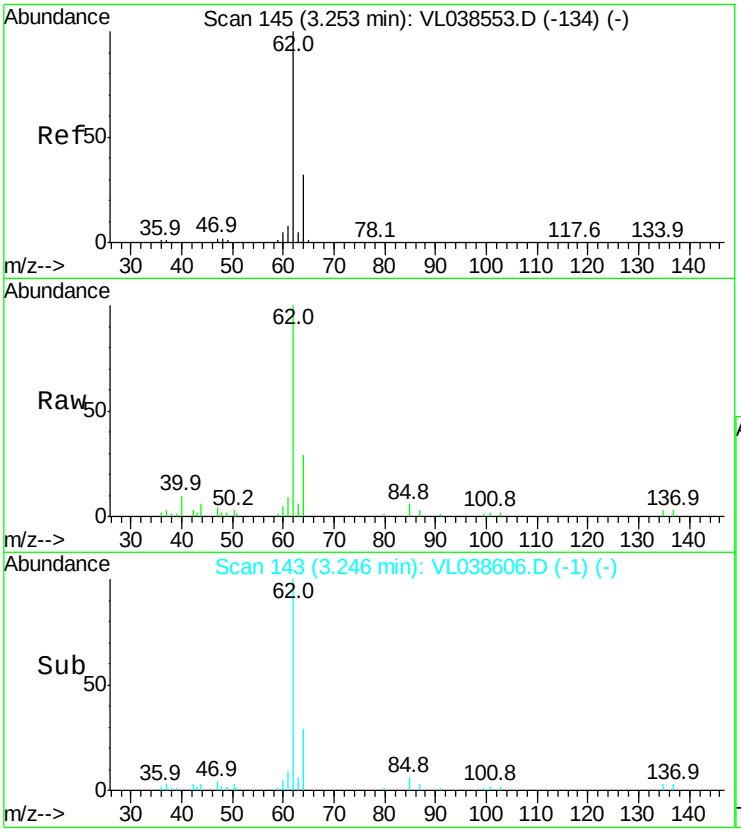


#4
Chloromethane
Concen: 0.59 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 50 Resp: 31527

Ion	Ratio	Lower	Upper
50	100		
52	29.9	25.6	38.4



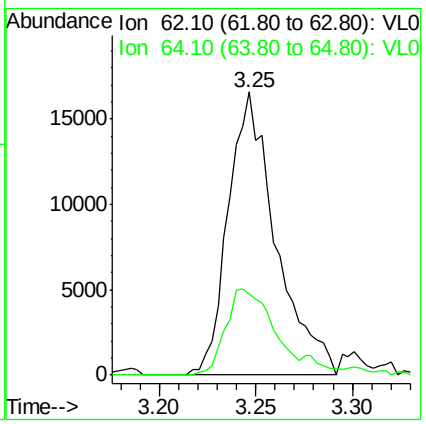


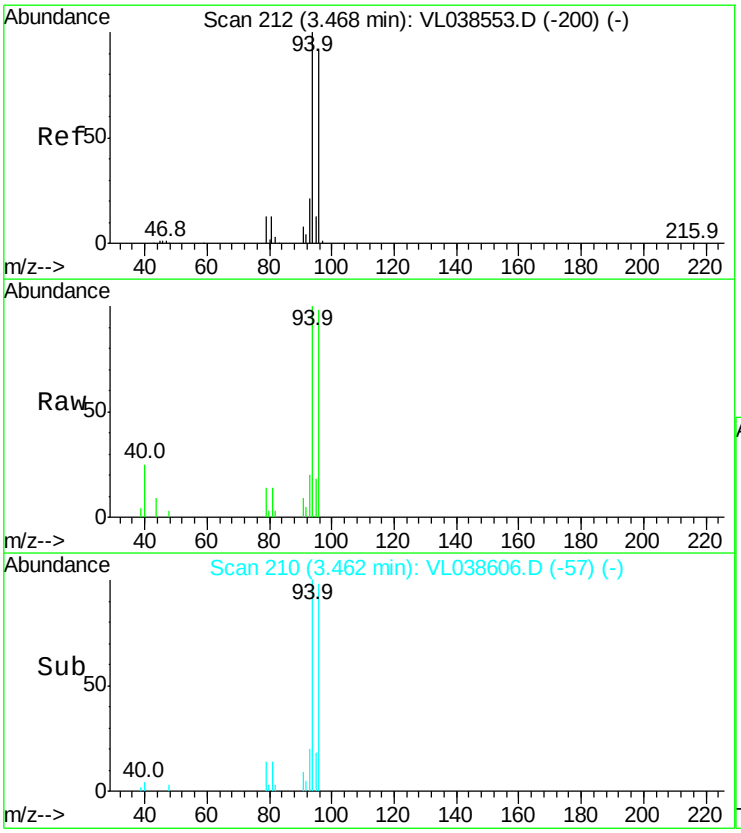
#5
Vinyl Chloride
Concen: 0.53 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 62 Resp: 28462

Ion	Ratio	Lower	Upper
62	100		
64	28.8	25.8	38.6

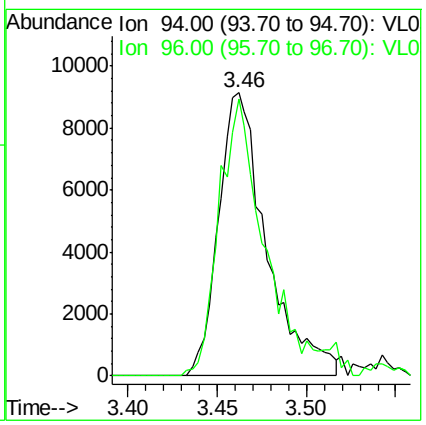


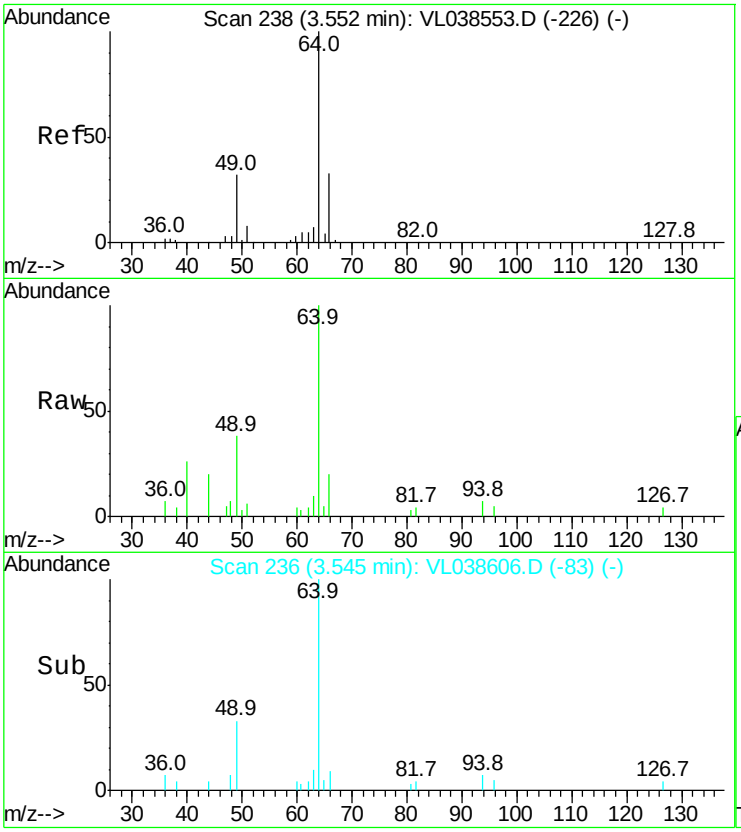


#6
Bromomethane
Concen: 0.59 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 94 Resp: 17052

Ion	Ratio	Lower	Upper
94	100		
96	96.1	73.7	110.5



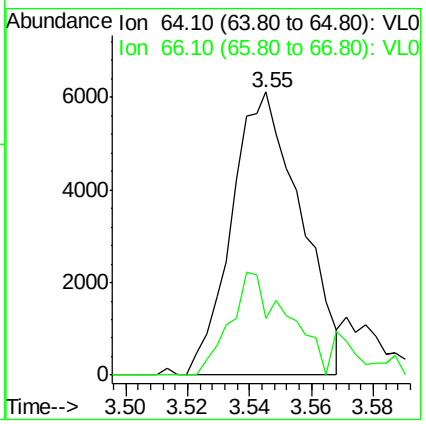


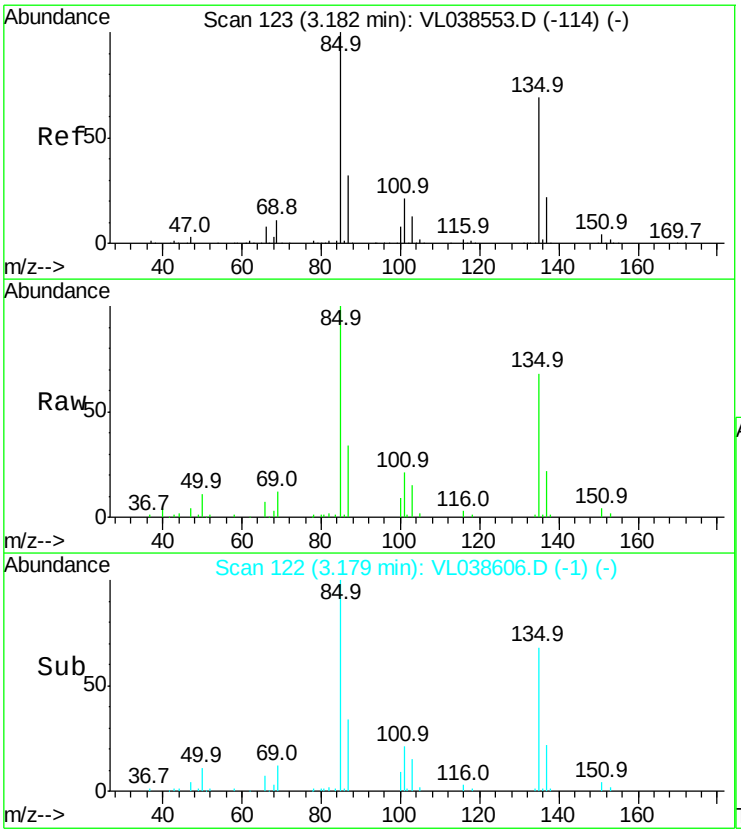
#7
Chloroethane
Concen: 0.55 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 64 Resp: 9472

Ion	Ratio	Lower	Upper
64	100		
66	20.3	26.6	39.8#

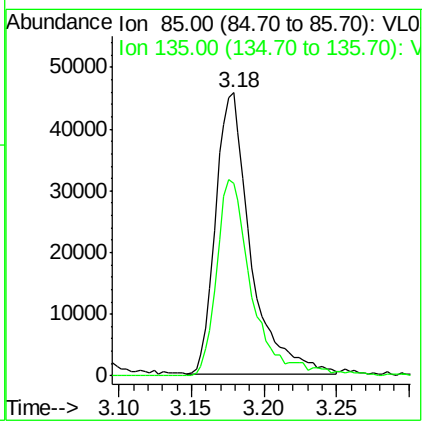


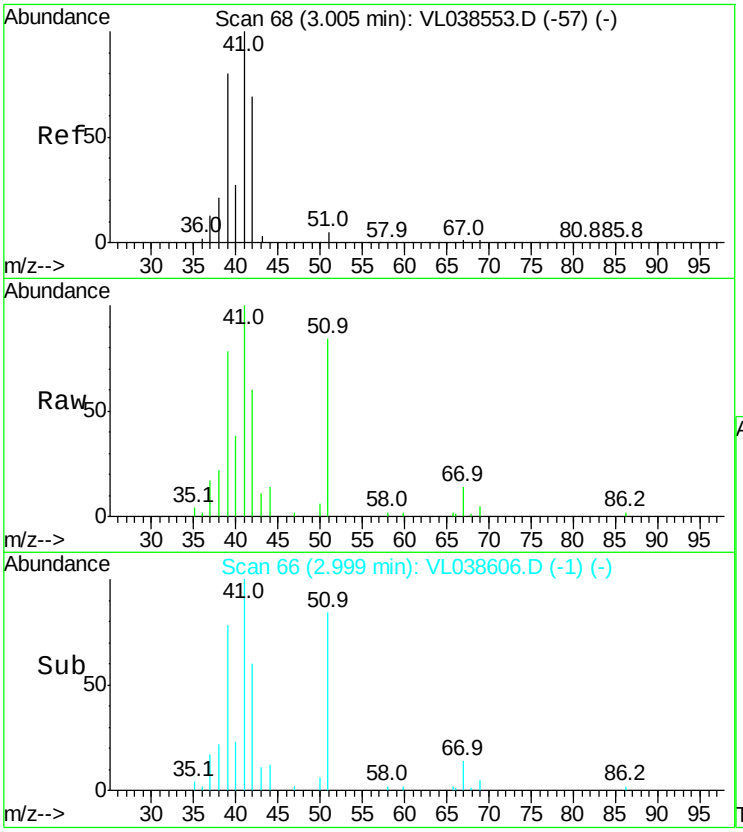


#8
Dichlorotetrafluoroethane
Concen: 0.64 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 85 Resp: 76241

Ion	Ratio	Lower	Upper
85	100		
135	71.4	59.0	88.4



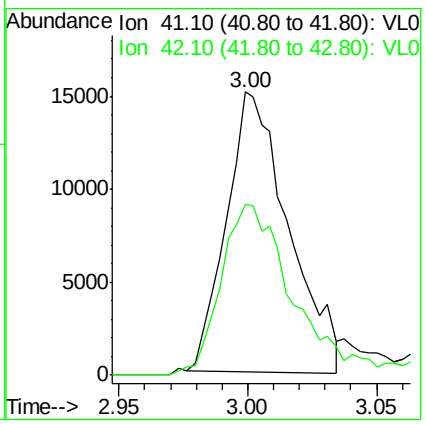


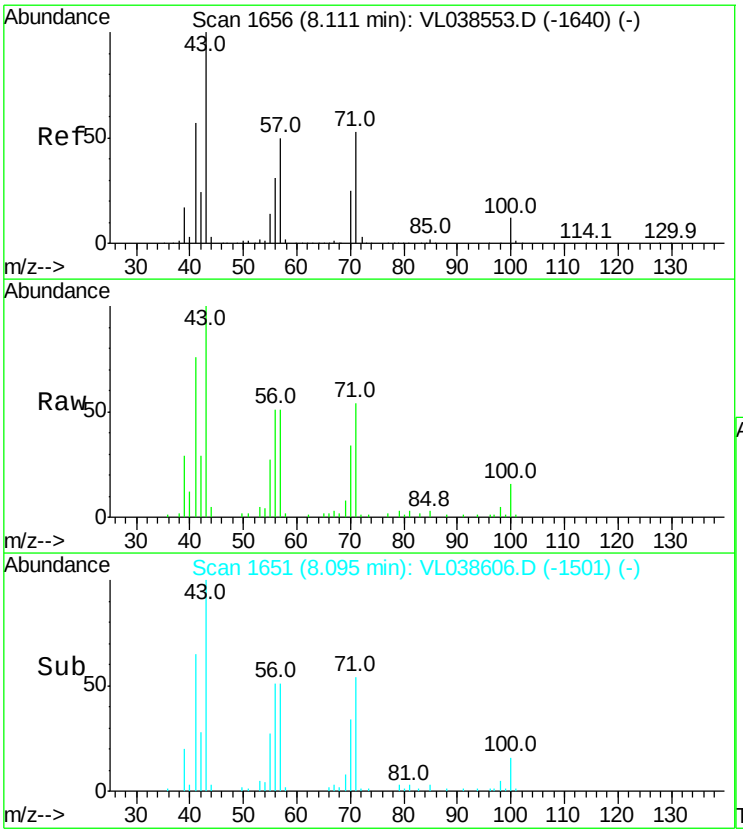
#9
Propene
Concen: 0.50 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 41 Resp: 25406

Ion	Ratio	Lower	Upper
41	100		
42	73.3	55.7	83.5

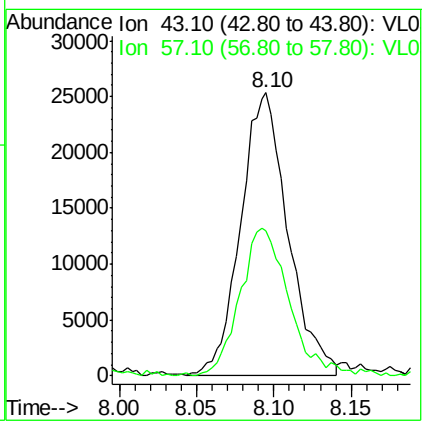


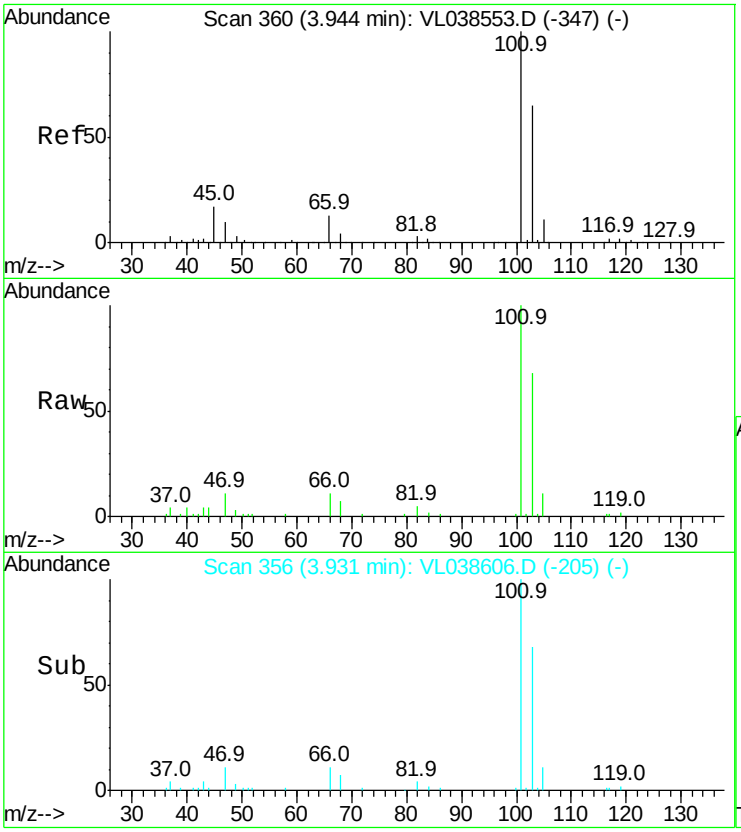


#10
Heptane
Concen: 0.45 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 43 Resp: 54041

Ion	Ratio	Lower	Upper
43	100		
57	54.7	39.6	59.4



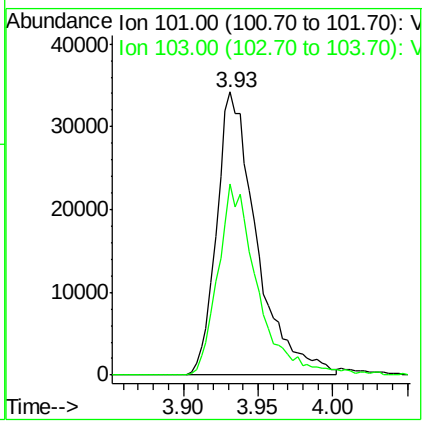


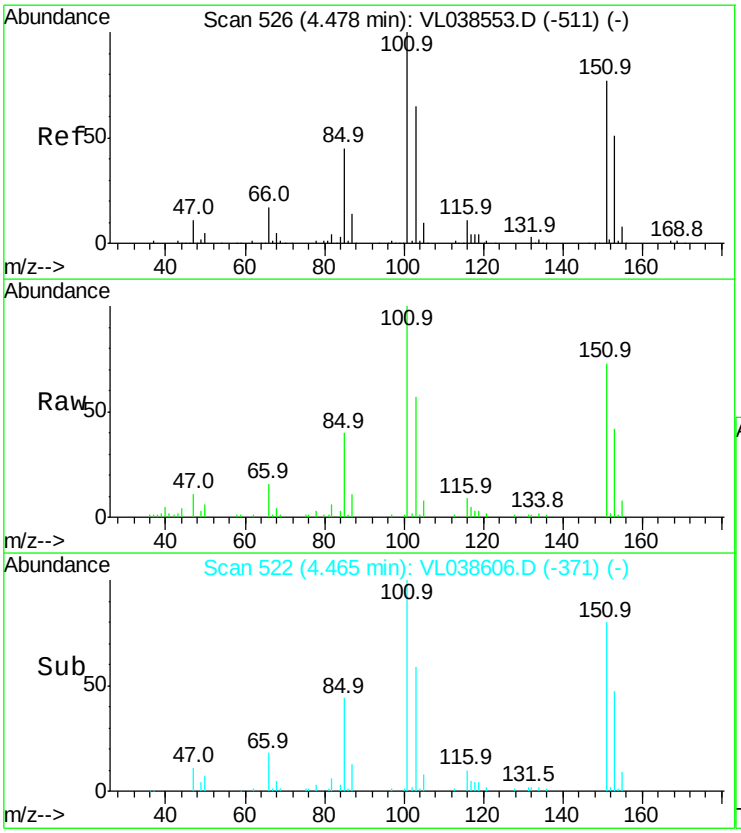
#11
Trichlorofluoromethane
Concen: 0.59 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:101 Resp: 63880

Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.0	78.0

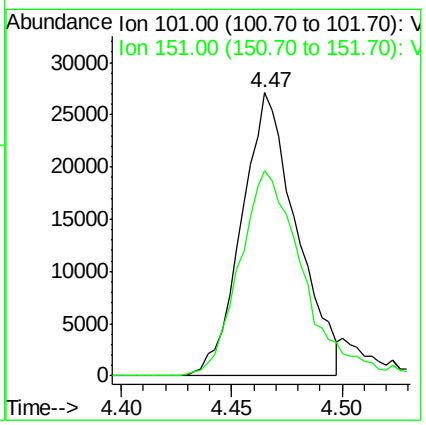


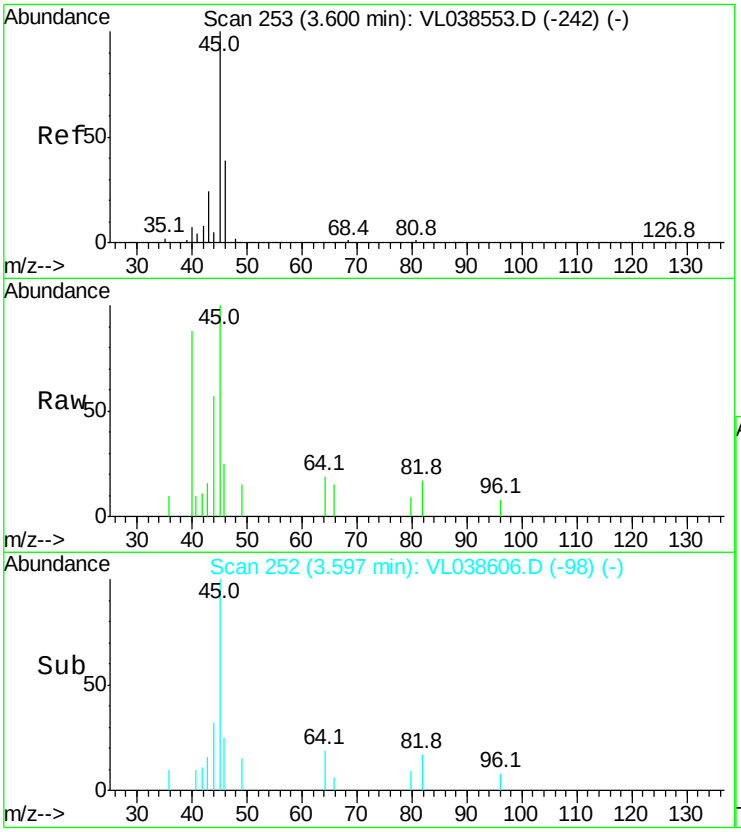


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.56 ppbv
RT: 4.47 min Scan# 522
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:101 Resp: 46835

Ion	Ratio	Lower	Upper
101	100		
151	85.8	63.4	95.0



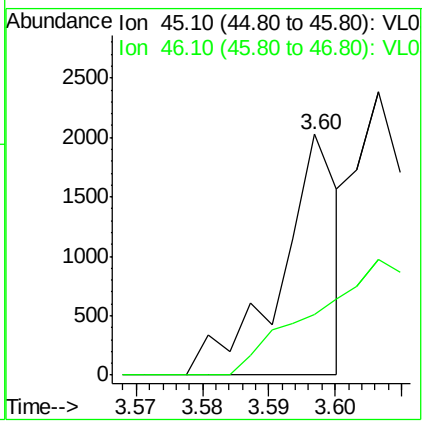


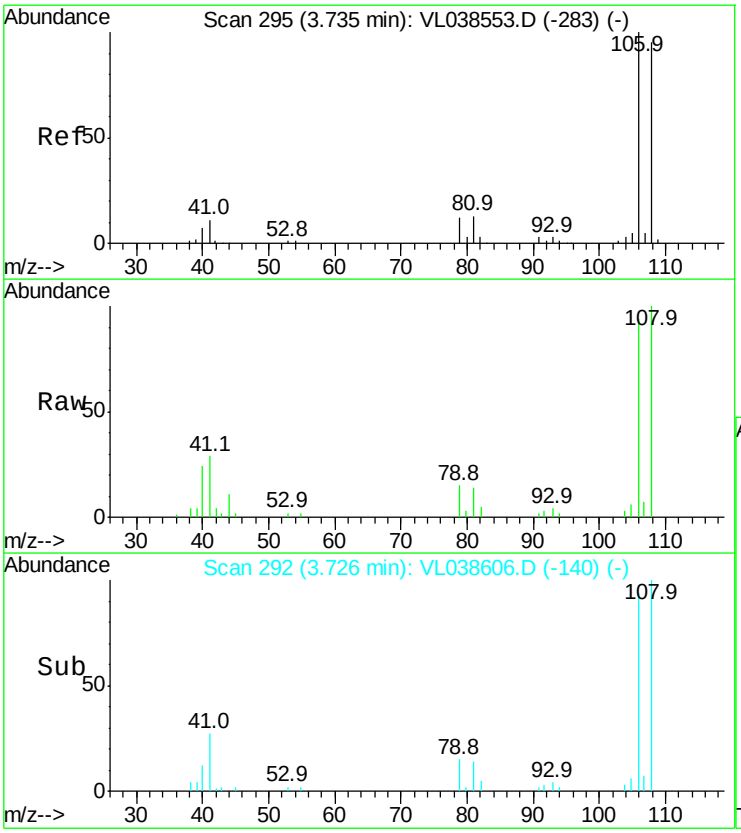
#13
Ethanol
Concen: 0.21 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 45 Resp: 1221

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.0#

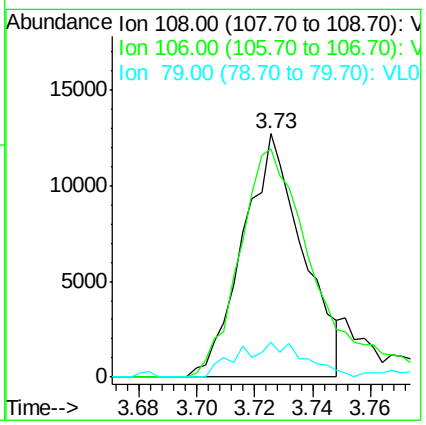


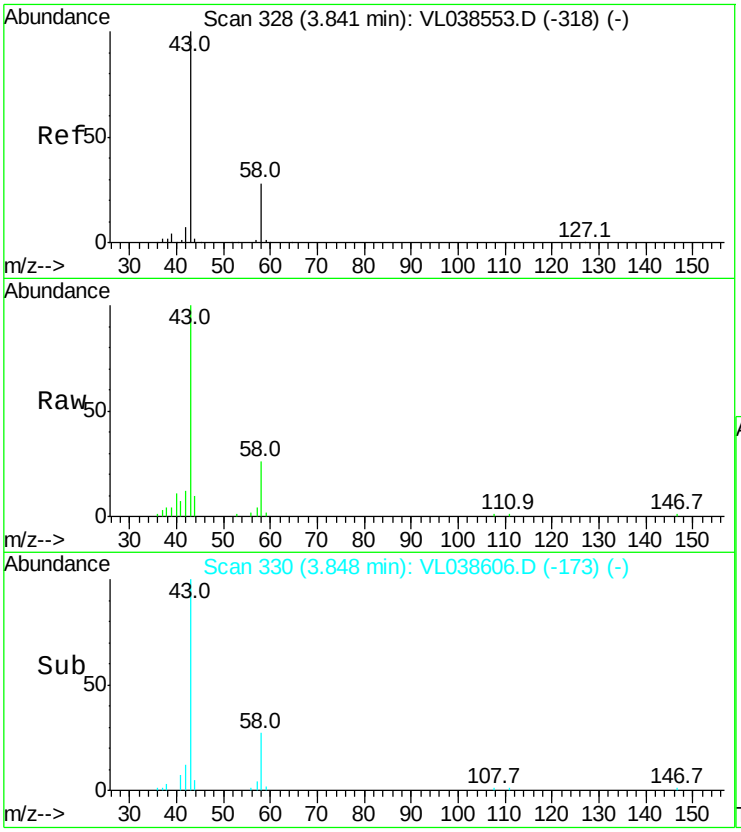


#14
Bromoethene
Concen: 0.51 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:108 Resp: 18206

Ion	Ratio	Lower	Upper
108	100		
106	122.7	85.9	128.9
79	19.2	11.0	16.6#



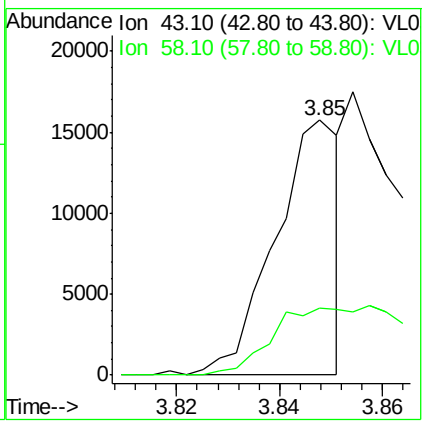


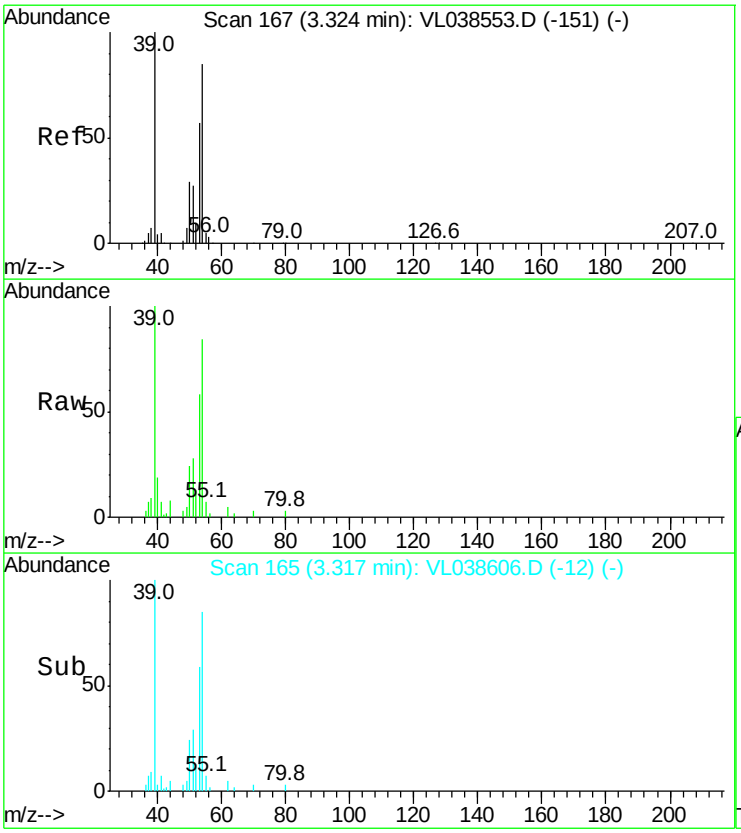
#15
Acetone
Concen: 0.24 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 43 Resp: 13646

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#

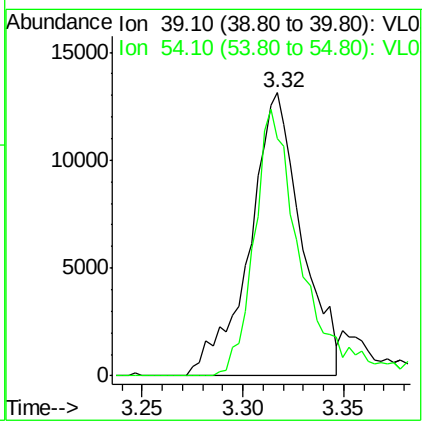


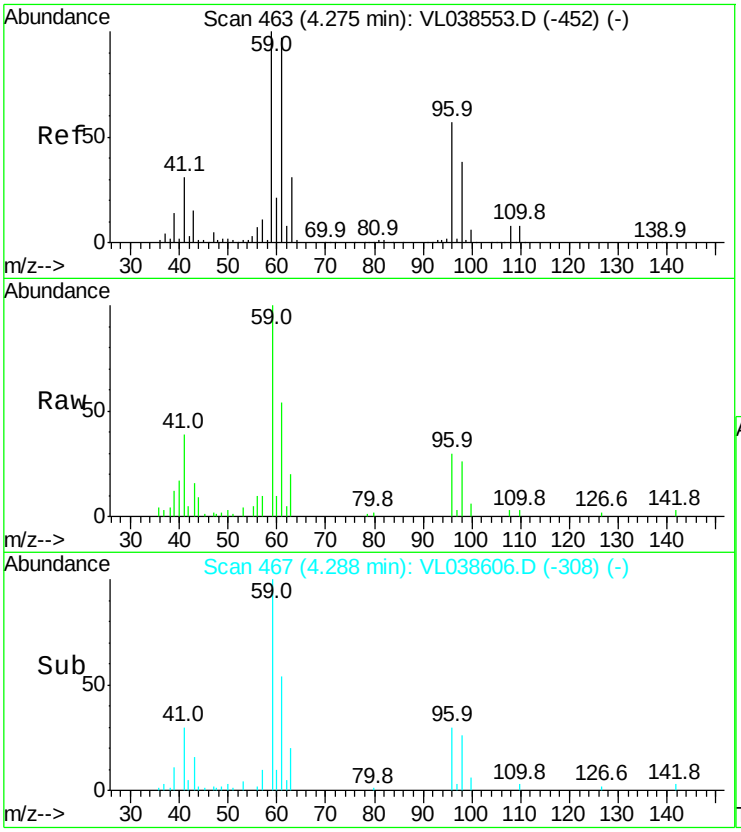


#16
1,3-Butadiene
Concen: 0.51 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 39 Resp: 23620

Ion	Ratio	Lower	Upper
39	100		
54	85.8	64.2	96.2



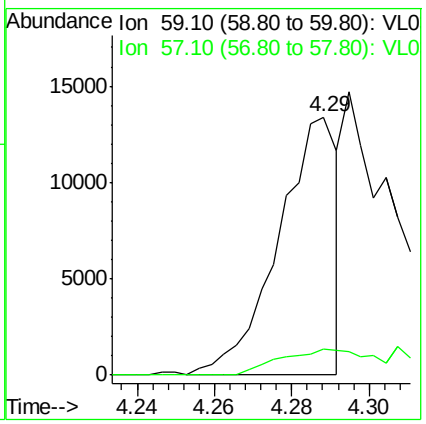


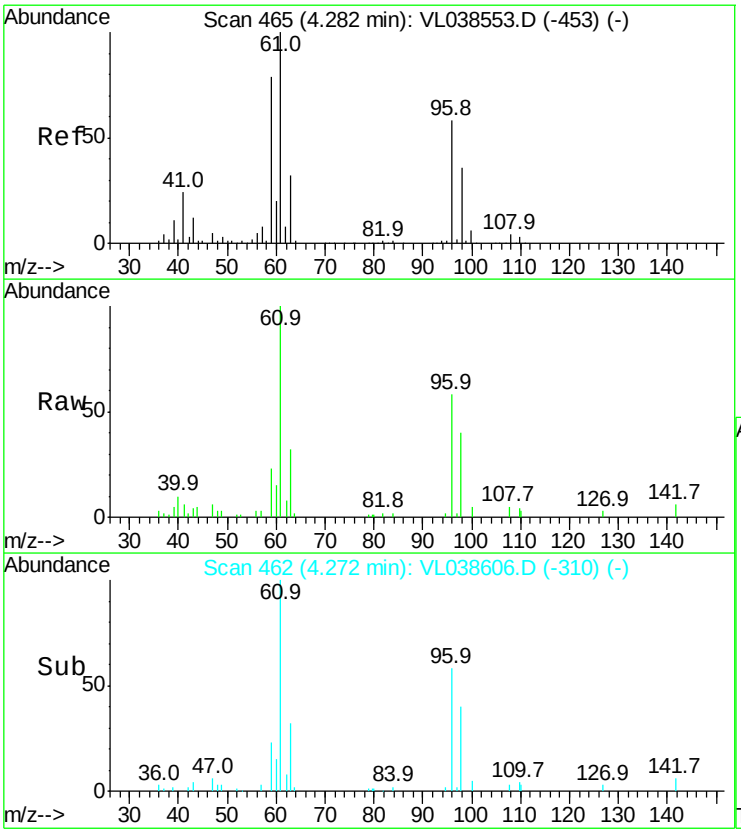
#17
tert-Butyl alcohol
Concen: 0.23 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 59 Resp: 14183

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

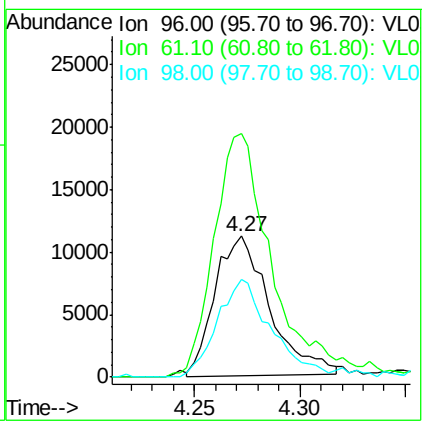


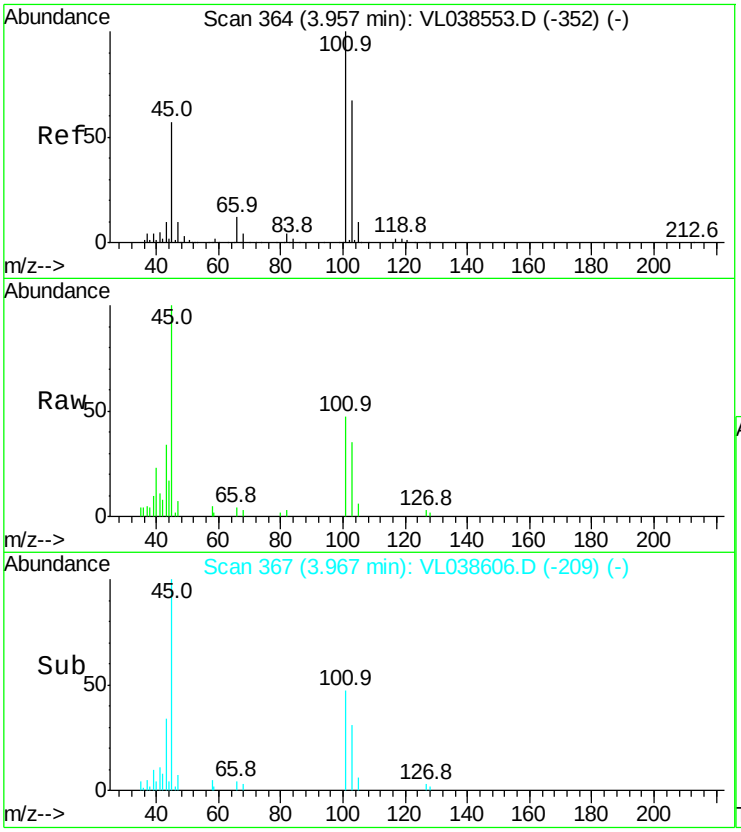


#18
1,1-Dichloroethene
Concen: 0.54 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 96 Resp: 20132

Ion	Ratio	Lower	Upper
96	100		
61	171.3	137.4	206.0
98	67.6	49.3	73.9



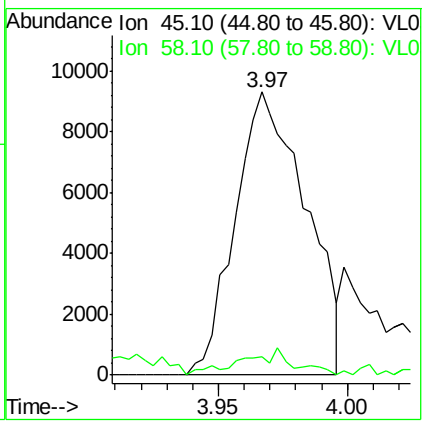


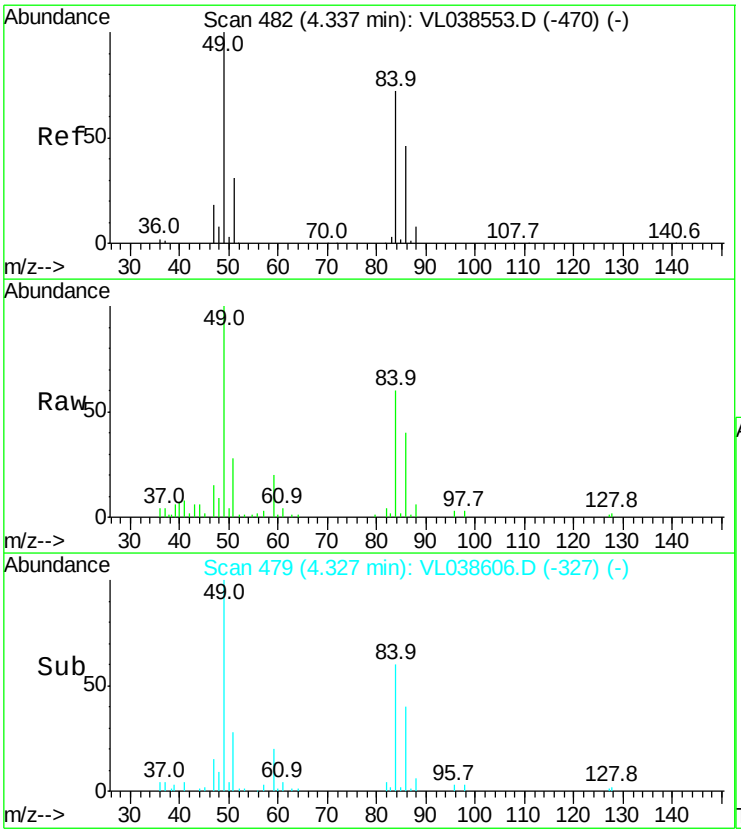
#19
Isopropyl Alcohol
Concen: 0.47 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 45 Resp: 17842

Ion	Ratio	Lower	Upper
45	100		
58	6.8	2.2	3.2#

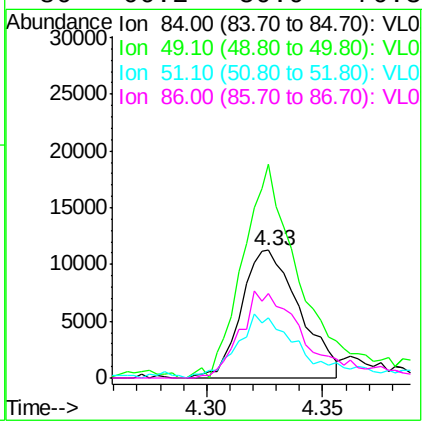


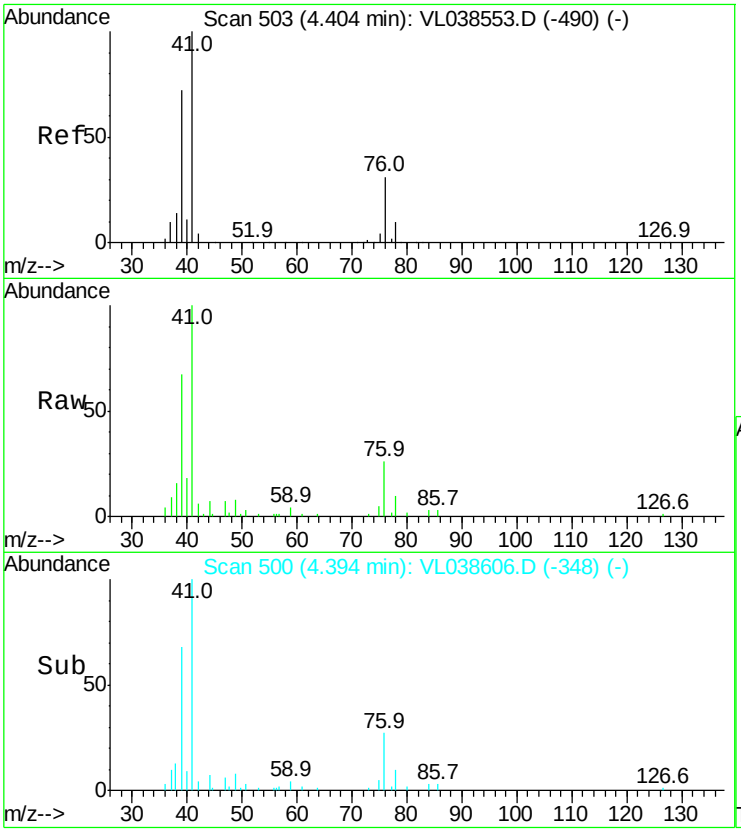


#20
Methylene Chloride
Concen: 0.57 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 84 Resp: 19647

Ion	Ratio	Lower	Upper
84	100		
49	167.6	111.1	166.7#
51	47.1	34.0	51.0
86	66.2	50.9	76.3



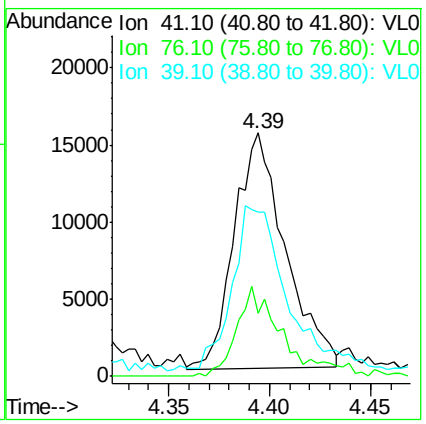


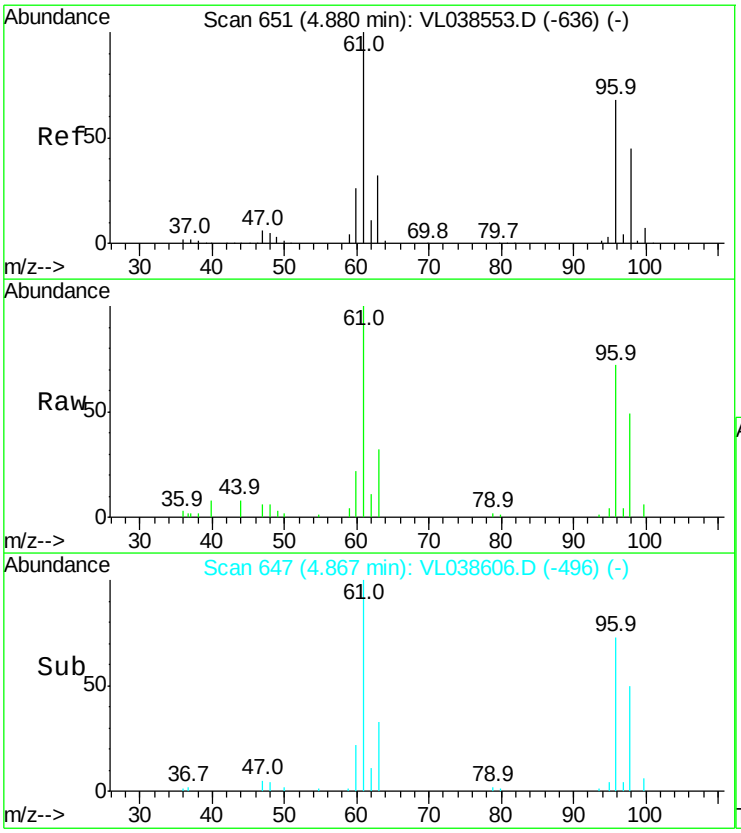
#21
Allyl Chloride
Concen: 0.49 ppbv
RT: 4.39
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 41 Resp: 27015

Ion	Ratio	Lower	Upper
41	100		
76	35.3	24.3	36.5
39	78.6	57.1	85.7

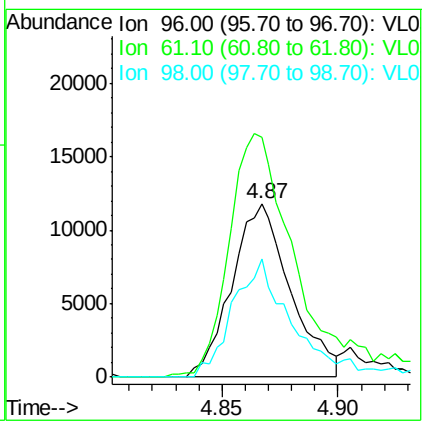


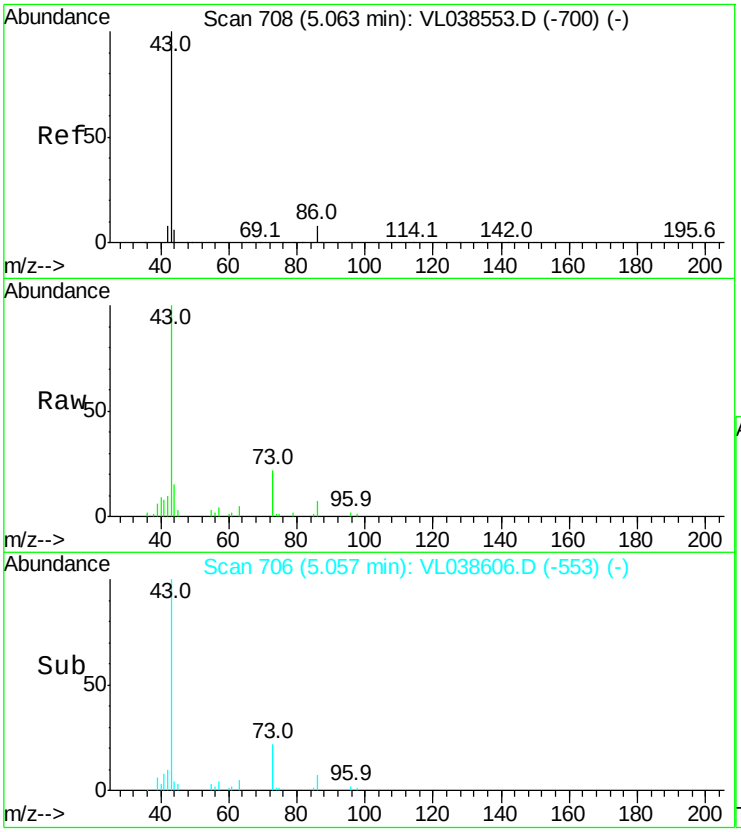


#22
trans-1,2-Dichloroethene
Concen: 0.53 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 96 Resp: 20700

Ion	Ratio	Lower	Upper
96	100		
61	135.6	117.6	176.4
98	67.9	52.6	78.8



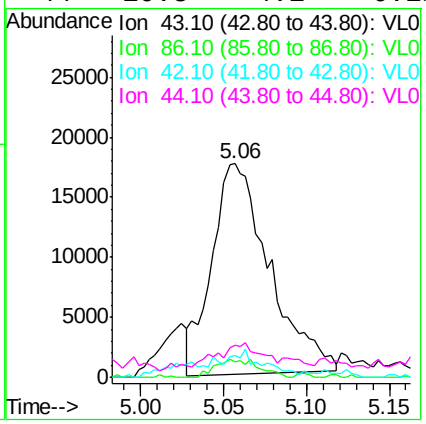


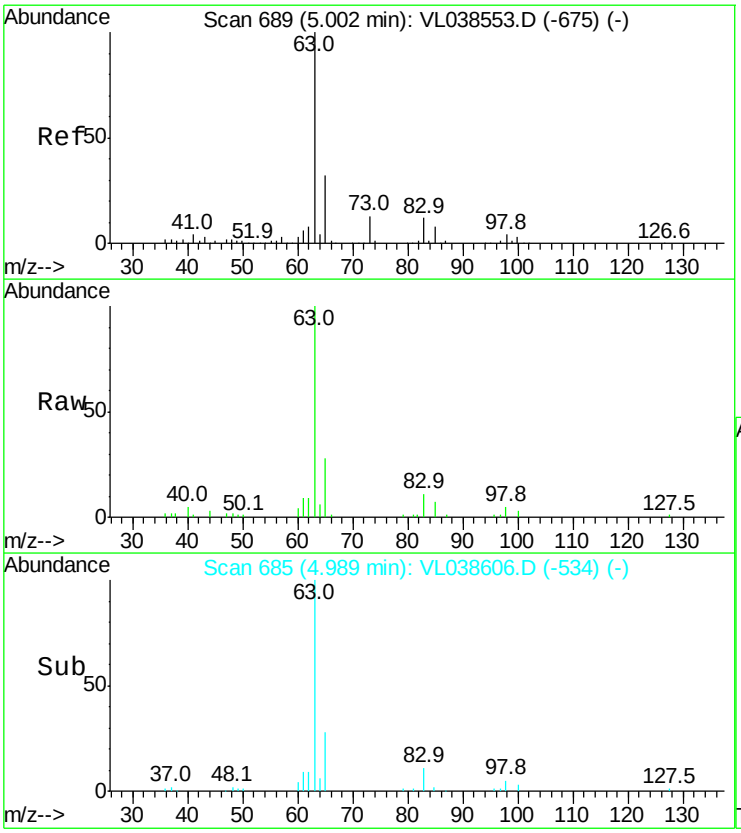
#23
Vinyl Acetate
Concen: 0.51 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 43 Resp: 42316

Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.6	8.4
42	8.9	7.1	10.7
44	10.3	4.1	6.1#

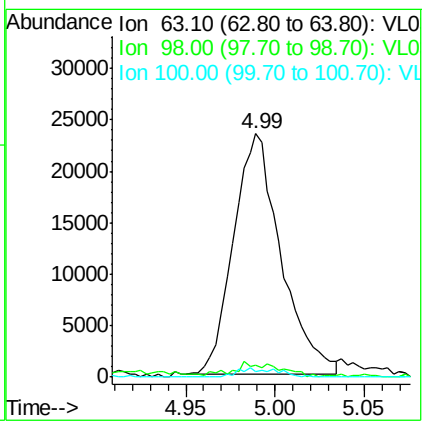


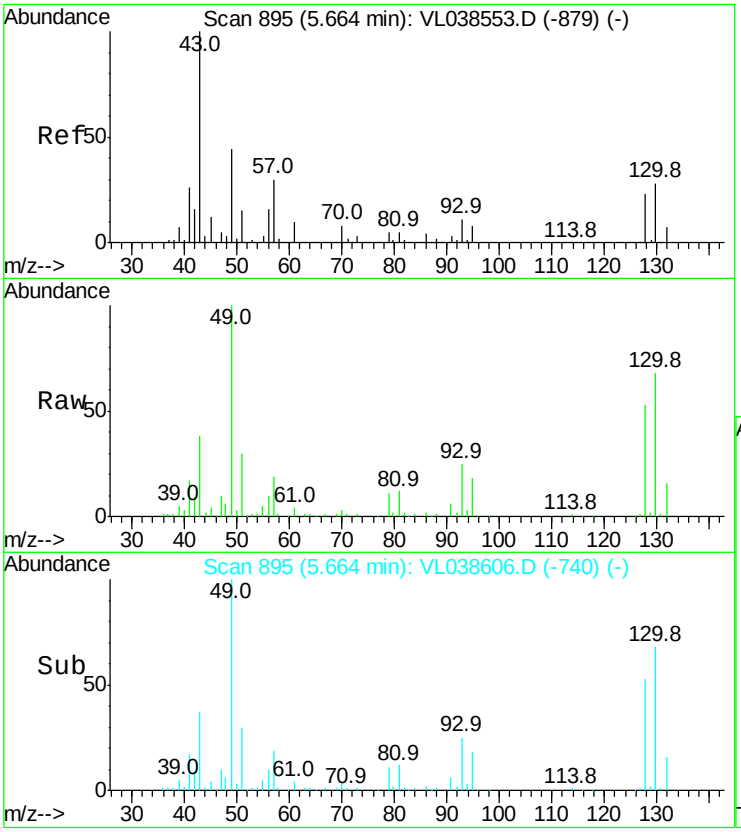


#24
1,1-Dichloroethane
Concen: 0.58 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 63 Resp: 43580

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.2	6.6
100	2.5	1.5	4.5



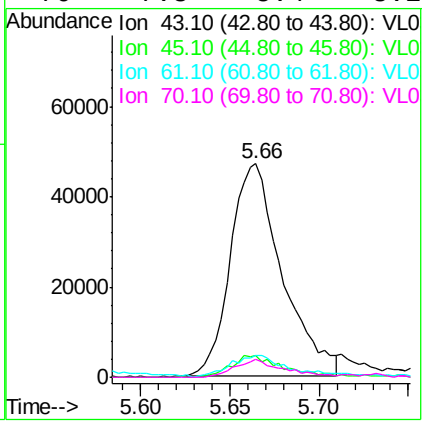


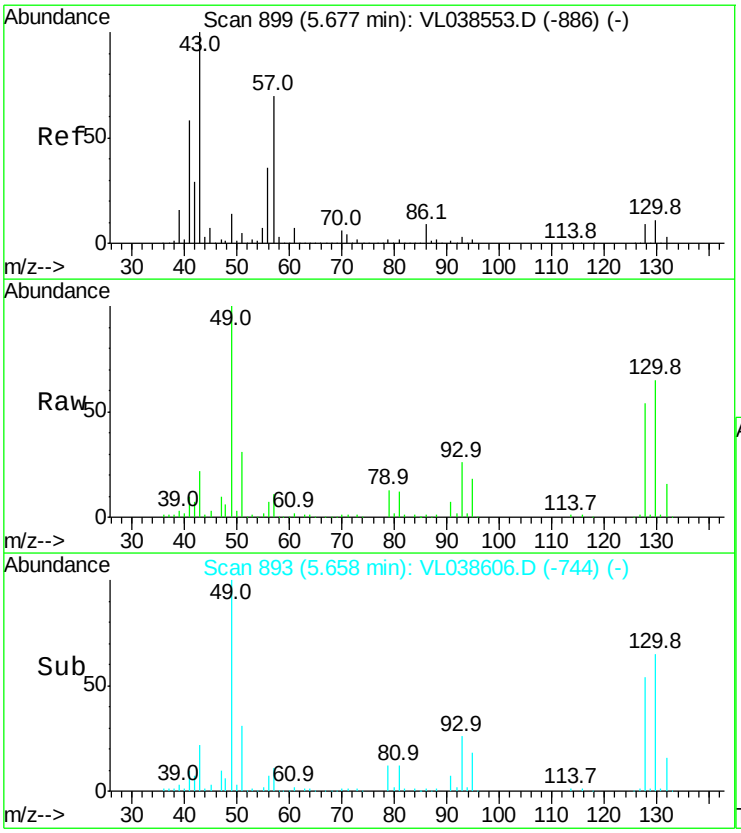
#25
Ethyl Acetate
Concen: 0.49 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 43 Resp: 95535

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.0	12.0
61	11.9	8.2	12.4
70	7.8	5.4	8.2

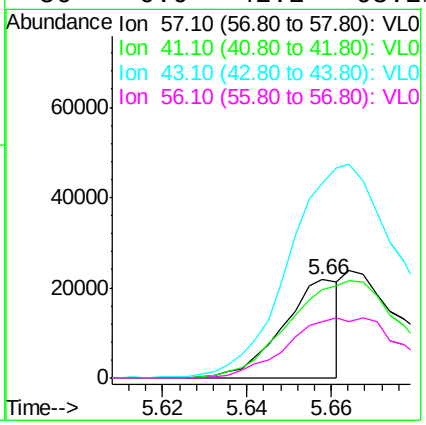


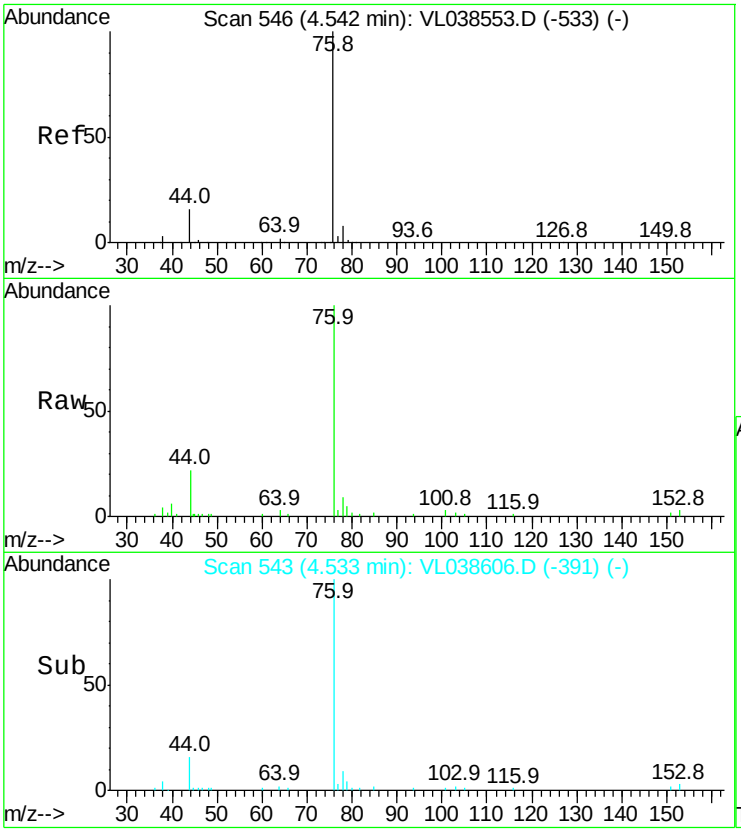


#26
Hexane
Concen: 0.22 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 57 Resp: 20293

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



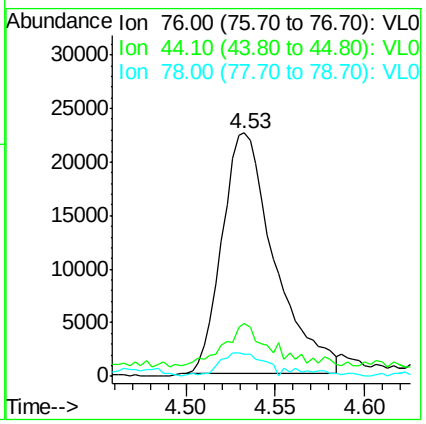


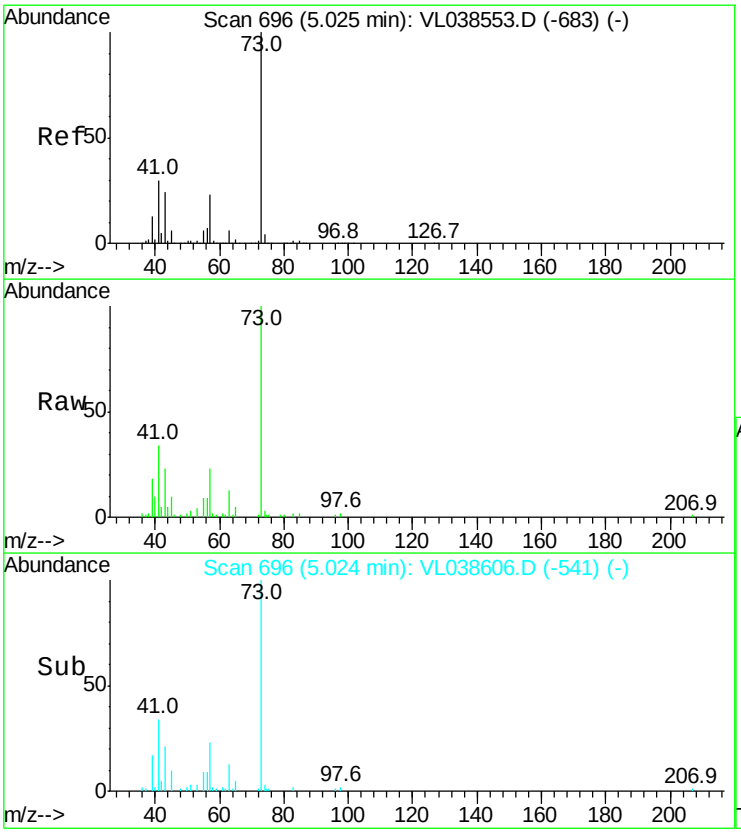
#27
Carbon Disulfide
Concen: 0.51 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 76 Resp: 46130

Ion	Ratio	Lower	Upper
76	100		
44	20.8	12.9	19.3#
78	10.6	7.8	11.6

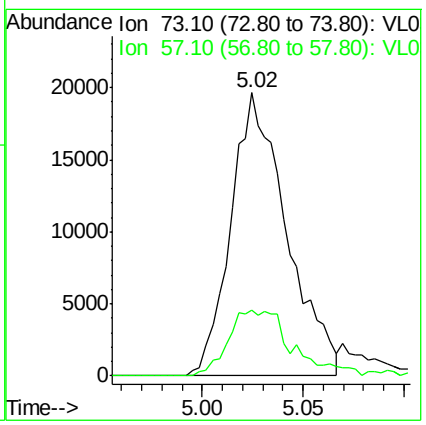


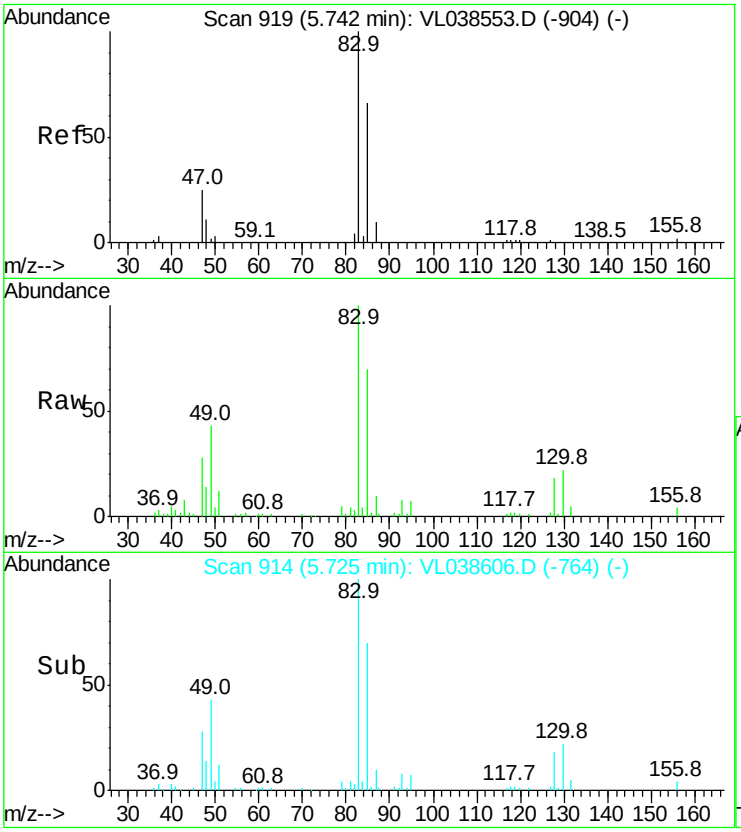


#28
Methyl tert-Butyl Ether
Concen: 0.51 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.00 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 73 Resp: 37882

Ion	Ratio	Lower	Upper
73	100		
57	27.3	18.8	28.2



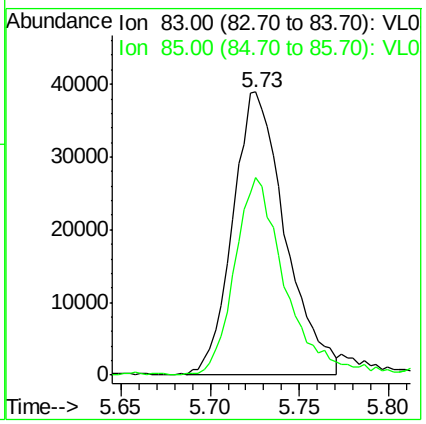


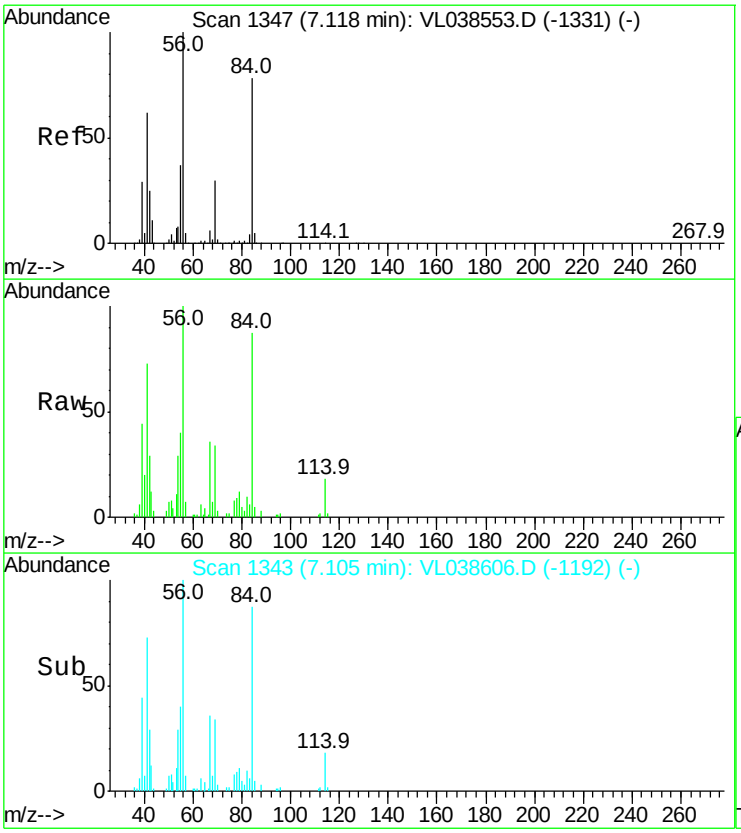
#29
Chloroform
Concen: 0.56 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 83 Resp: 79835

Ion	Ratio	Lower	Upper
83	100		
85	69.1	52.8	79.2

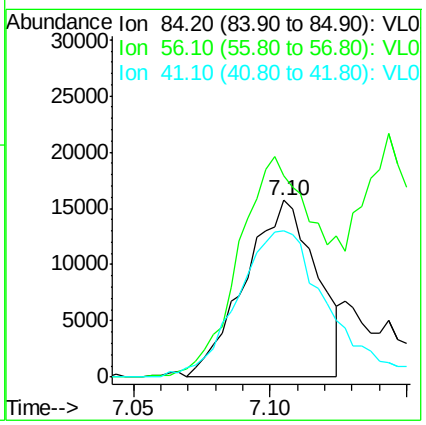


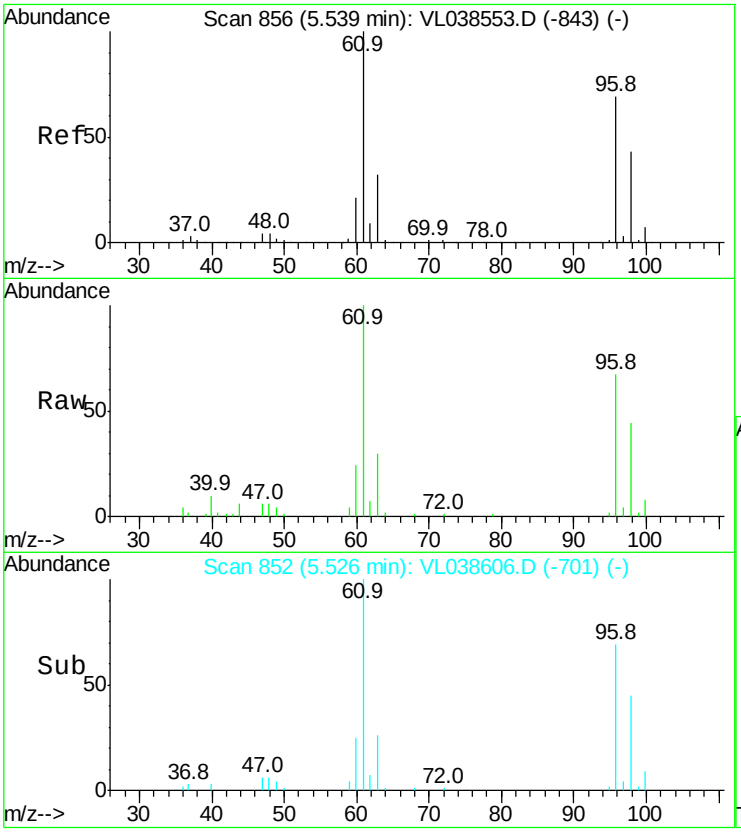


#30
Cyclohexane
Concen: 0.36 ppbv
RT: 7.10 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 84 Resp: 28517

Ion	Ratio	Lower	Upper
84	100		
56	130.1	111.4	167.0
41	106.6	65.5	98.3#



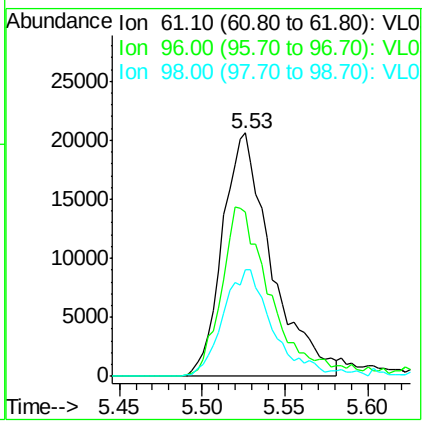


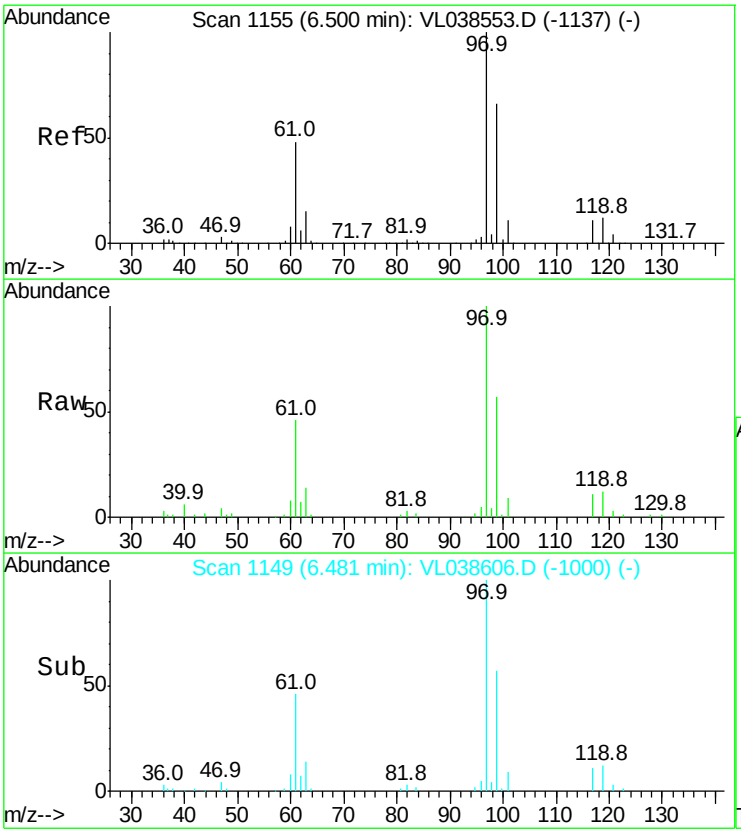
#31
cis-1,2-Dichloroethene
Concen: 0.49 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 61 Resp: 42430

Ion	Ratio	Lower	Upper
61	100		
96	66.3	55.2	82.8
98	43.0	34.2	51.4

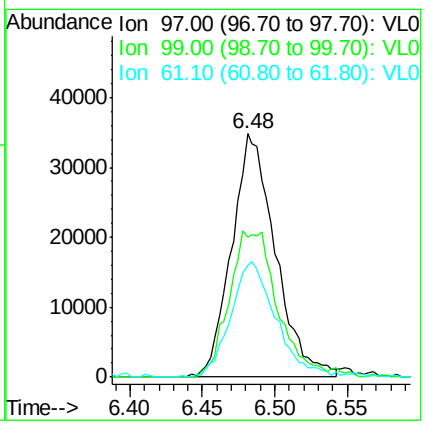


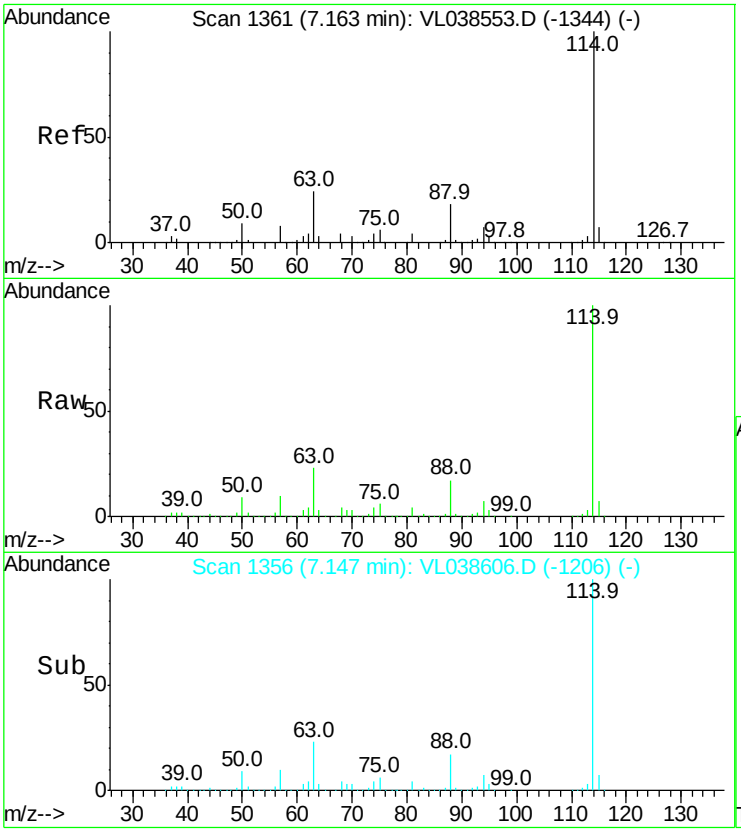


#32
1,1,1-Trichloroethane
Concen: 0.53 ppbv
RT: 6.48 min Scan# 1149
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 97 Resp: 73250

Ion	Ratio	Lower	Upper
97	100		
99	67.0	52.1	78.1
61	49.8	37.7	56.5



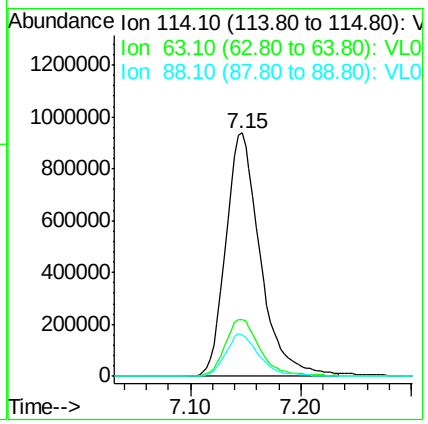


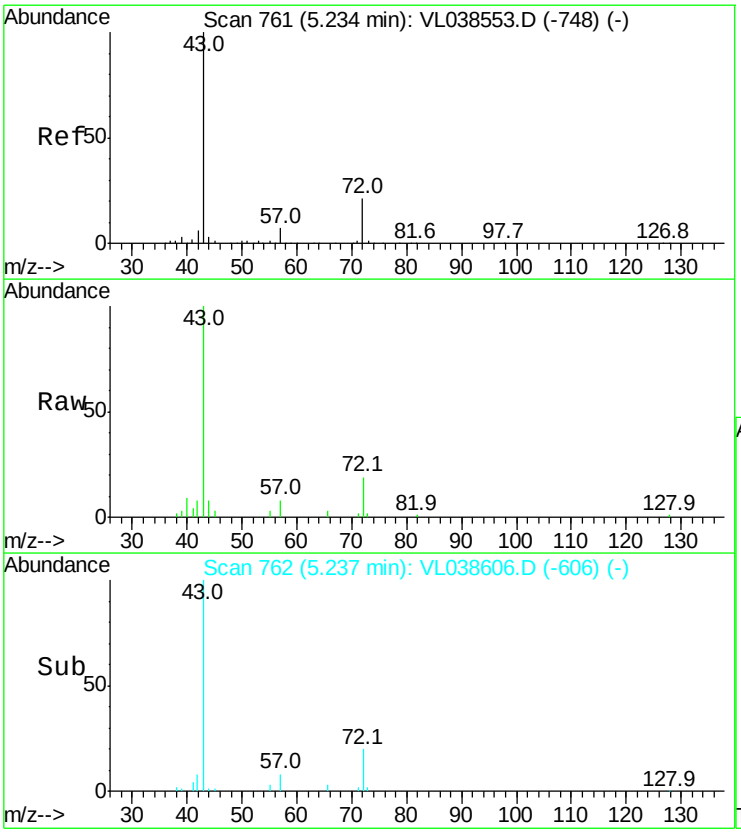
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:114 Resp: 2036721

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.4	13.9	20.9

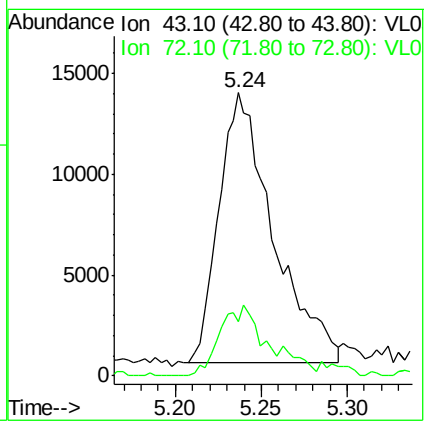


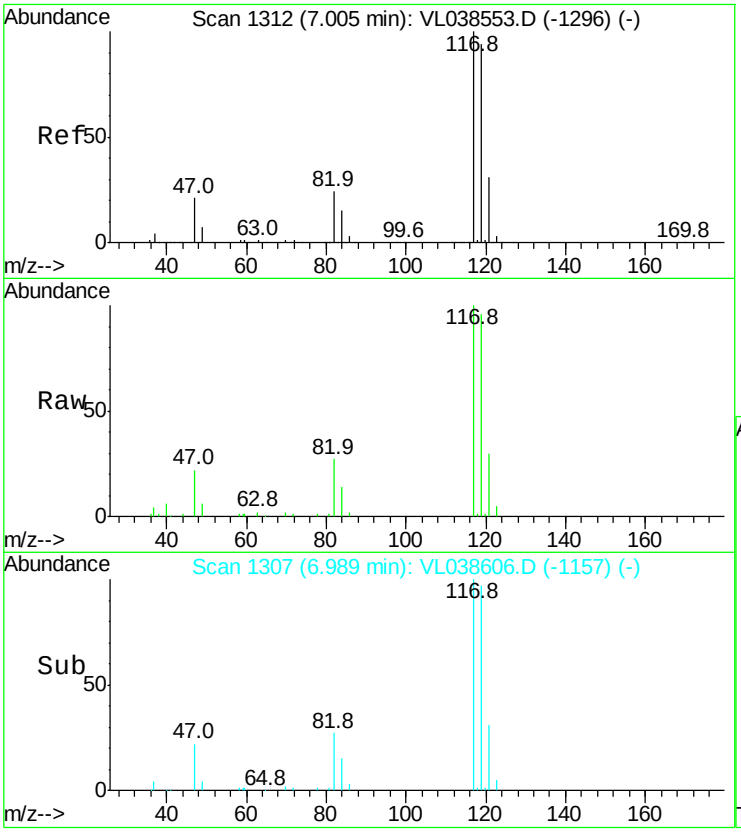


#34
2-Butanone
Concen: 0.56 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 43 Resp: 29491

Ion	Ratio	Lower	Upper
43	100		
72	26.1	17.8	26.6



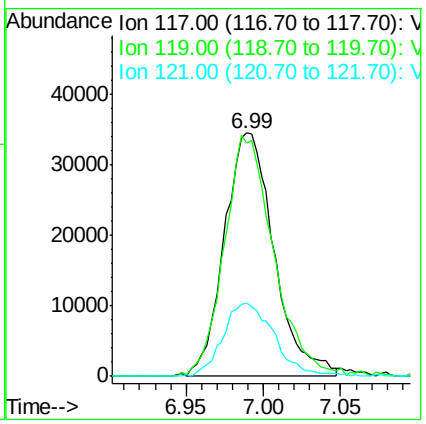


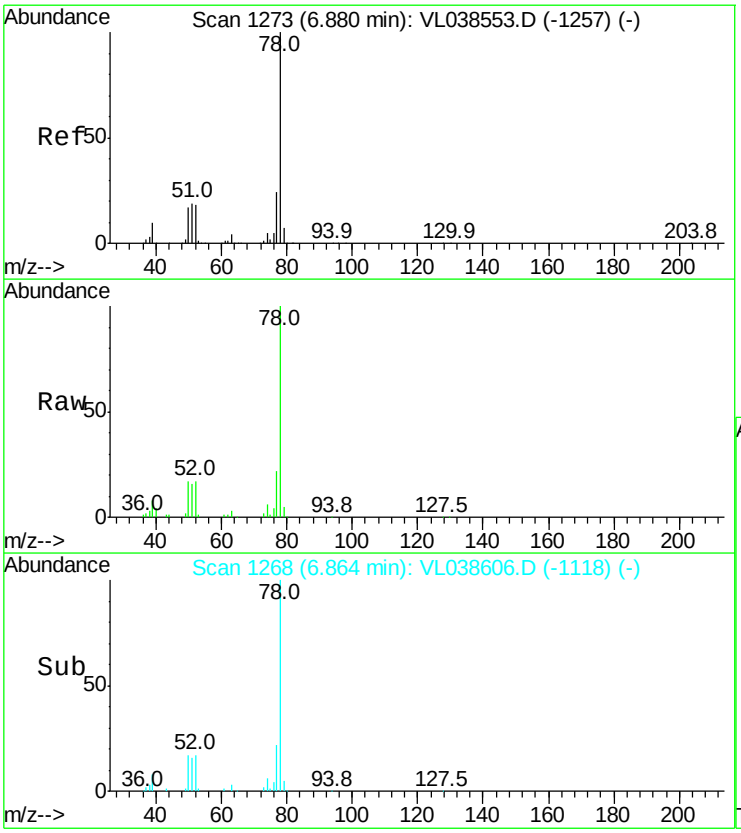
#35
Carbon Tetrachloride
Concen: 0.56 ppbv
RT: 6.99
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:117 Resp: 77197

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.2	112.8
121	29.4	24.8	37.2

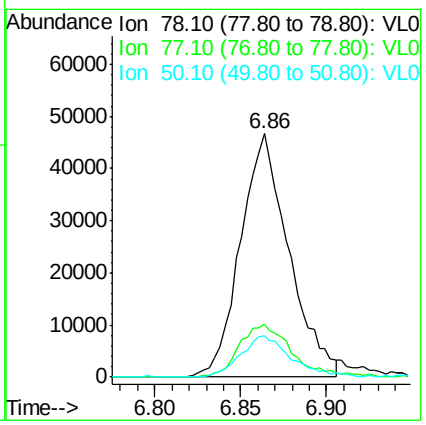


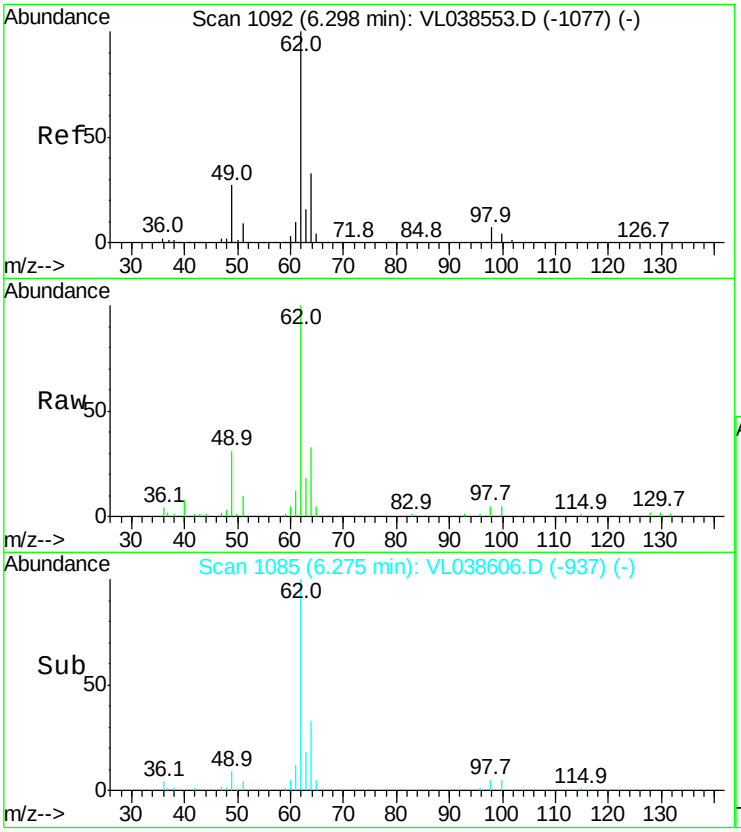


#36
Benzene
Concen: 0.50 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 78 Resp: 91151

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.0	28.4
50	17.1	13.9	20.9



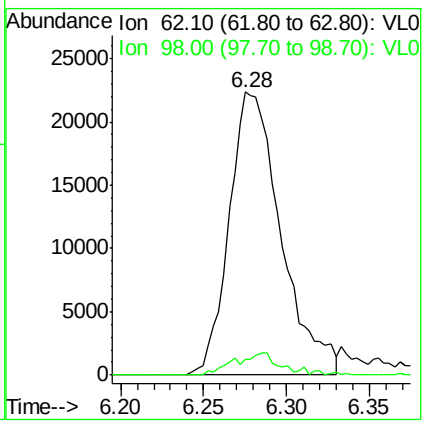


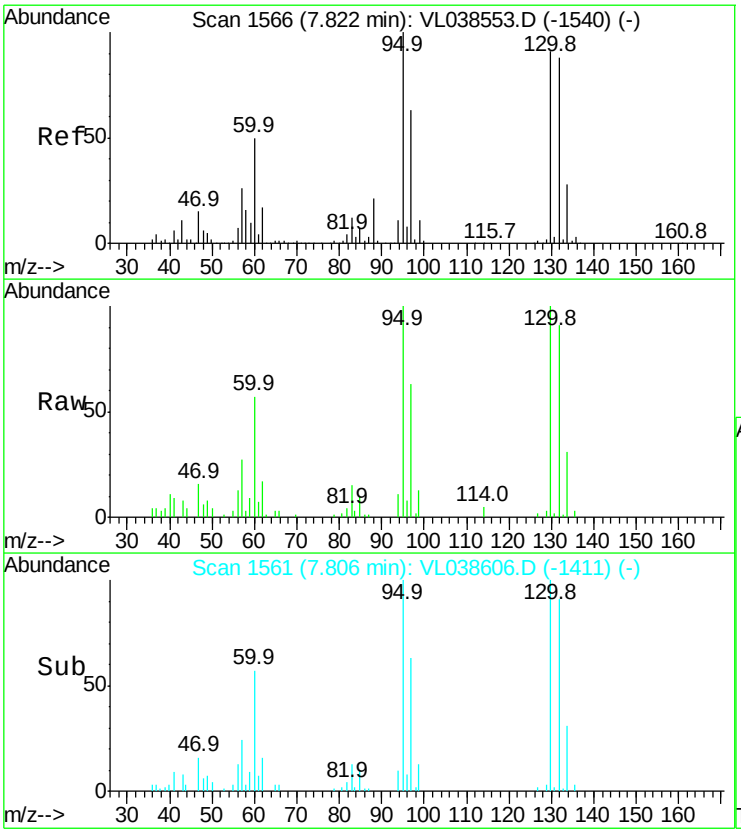
#37
1,2-Dichloroethane
Concen: 0.55 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 62 Resp: 48510

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.7	8.5

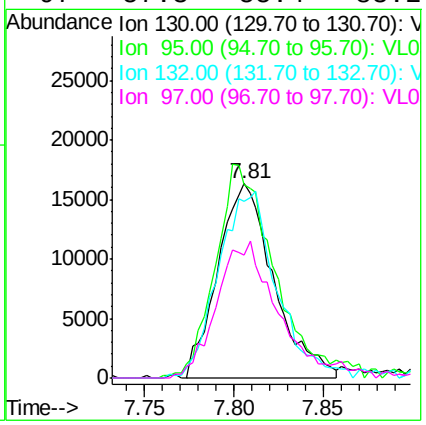


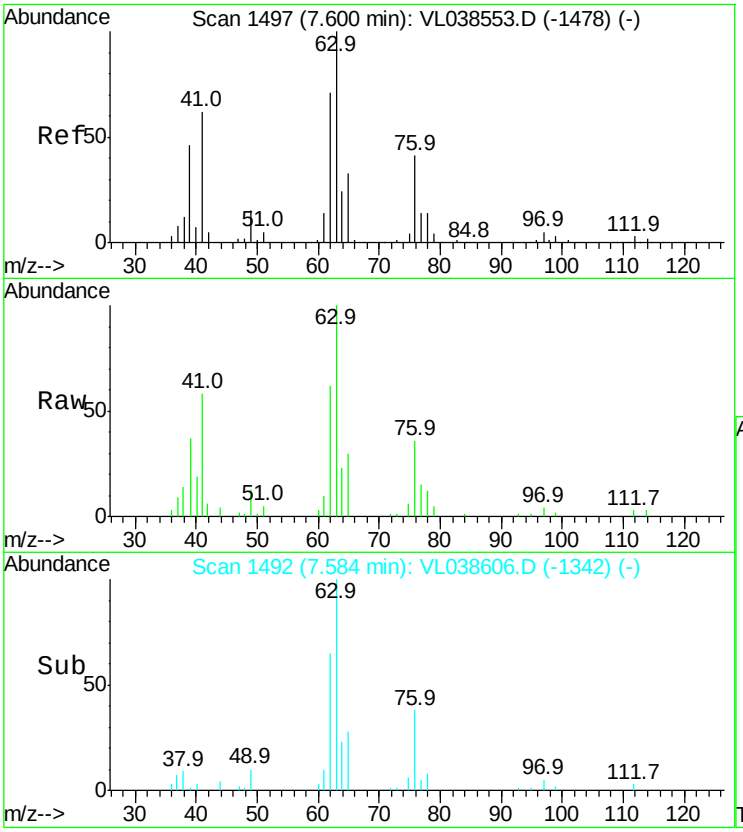


#38
Trichloroethene
Concen: 0.48 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:130 Resp: 35596

Ion	Ratio	Lower	Upper
130	100		
95	92.2	87.8	131.8
132	85.5	77.5	116.3
97	57.3	55.4	83.2



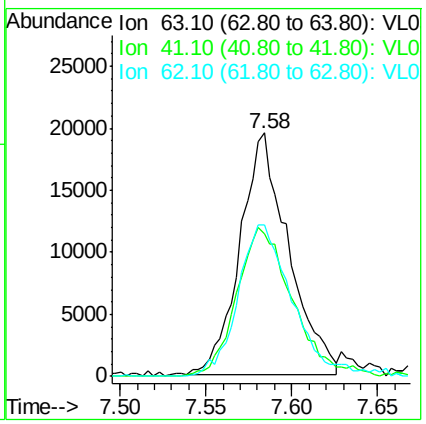


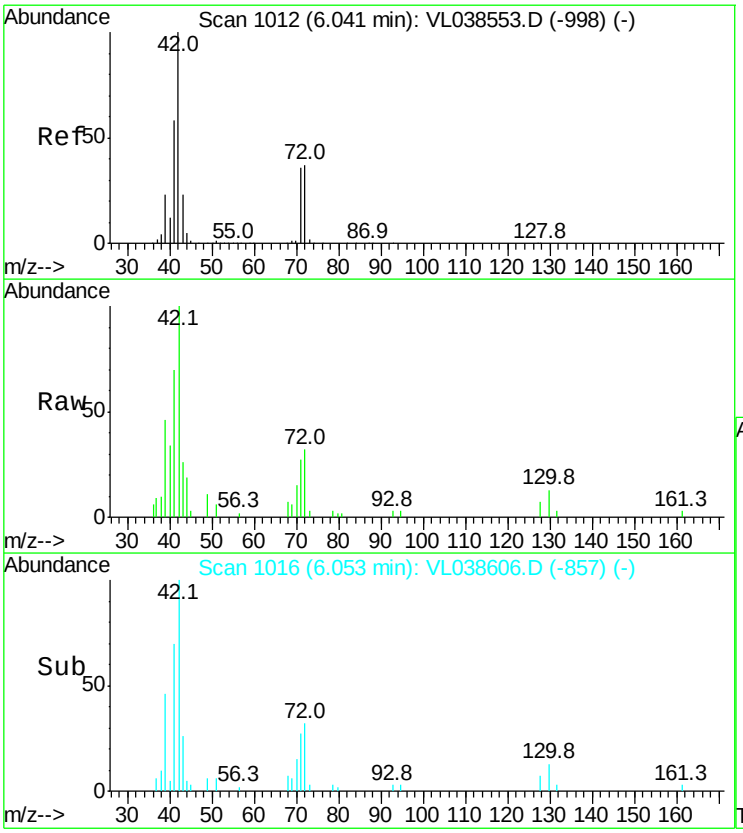
#39
1,2-Dichloropropane
Concen: 0.54 ppbv
RT: 7.58
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 63 Resp: 38175

Ion	Ratio	Lower	Upper
63	100		
41	58.1	49.8	74.6
62	62.1	56.7	85.1

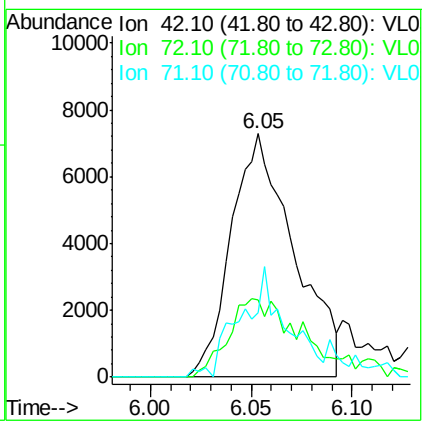


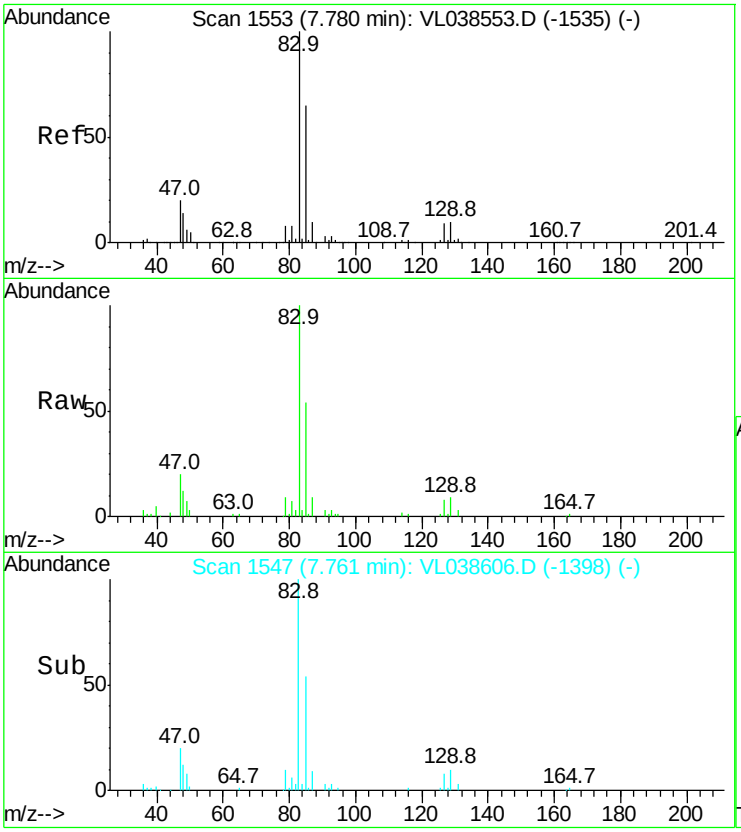


#41
Tetrahydrofuran
Concen: 0.37 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 42 Resp: 15844

Ion	Ratio	Lower	Upper
42	100		
72	40.2	30.9	46.3
71	39.8	29.1	43.7



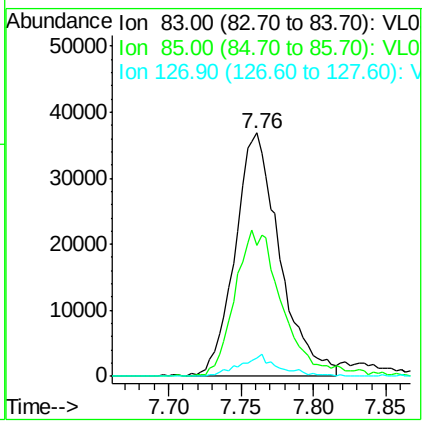


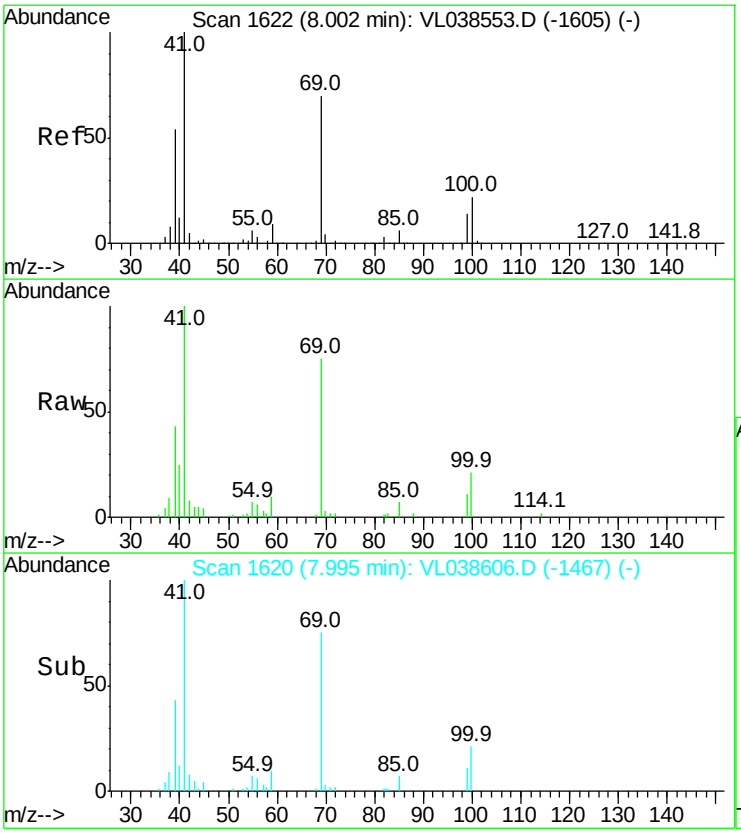
#42
Bromodichloromethane
Concen: 0.57 ppbv
RT: 7.76
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 83 Resp: 78970

Ion	Ratio	Lower	Upper
83	100		
85	53.6	51.7	77.5
127	7.8	6.9	10.3

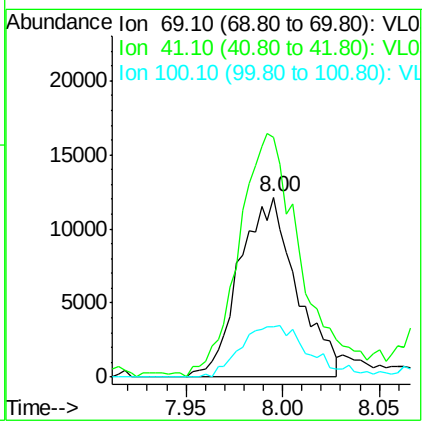


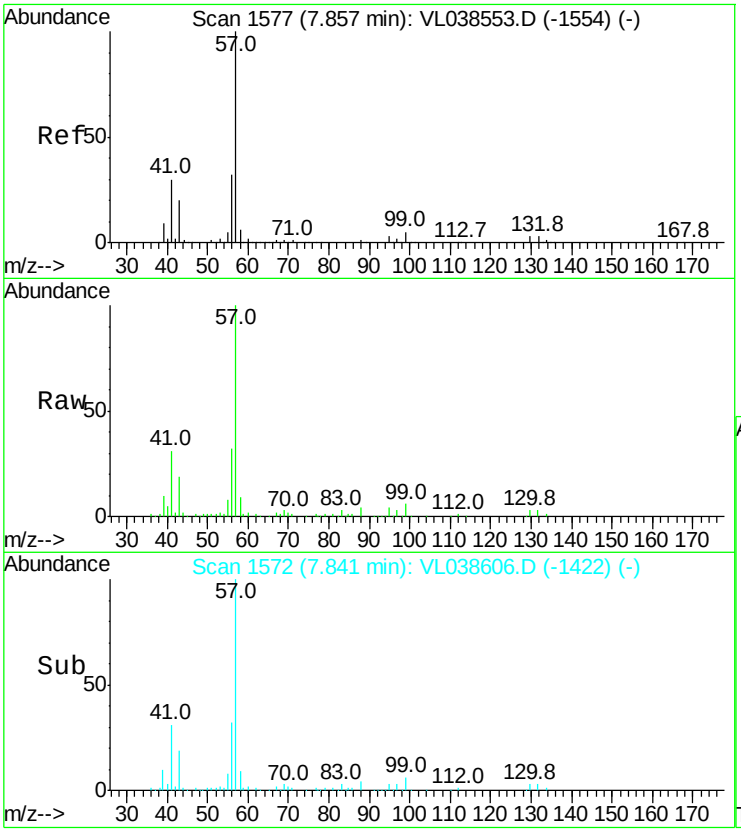


#43
Methyl Methacrylate
Concen: 0.40 ppbv
RT: 8.00 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 69 Resp: 24973

Ion	Ratio	Lower	Upper
69	100		
41	150.7	113.8	170.6
100	34.8	24.4	36.6



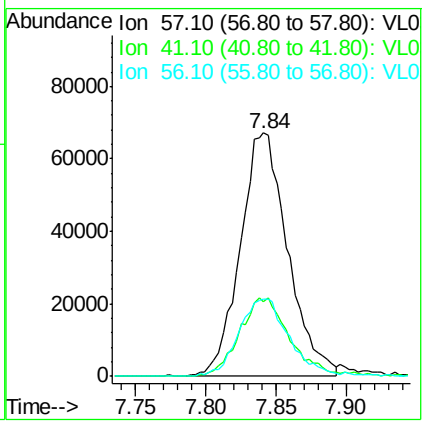


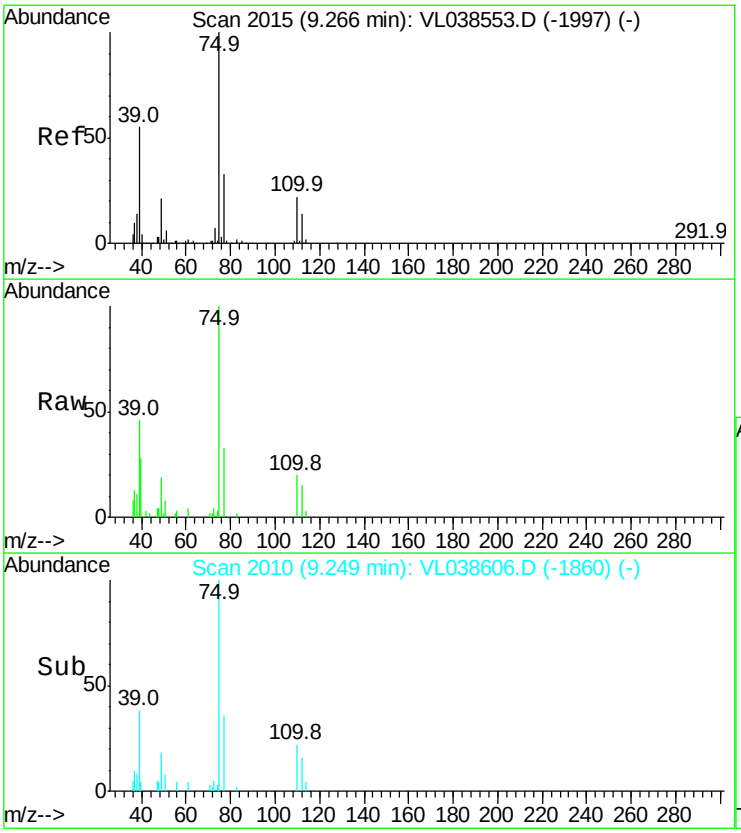
#44
2,2,4-Trimethylpentane
Concen: 0.51 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 57 Resp: 158143

Ion	Ratio	Lower	Upper
57	100		
41	34.8	24.0	36.0
56	34.3	25.6	38.4

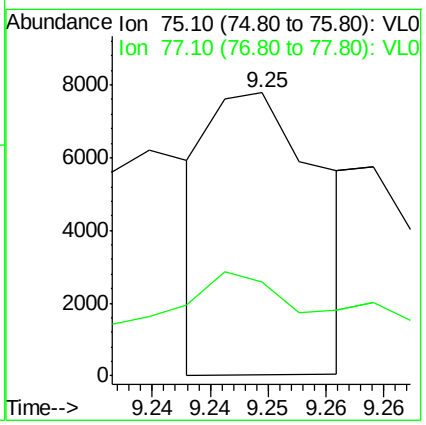


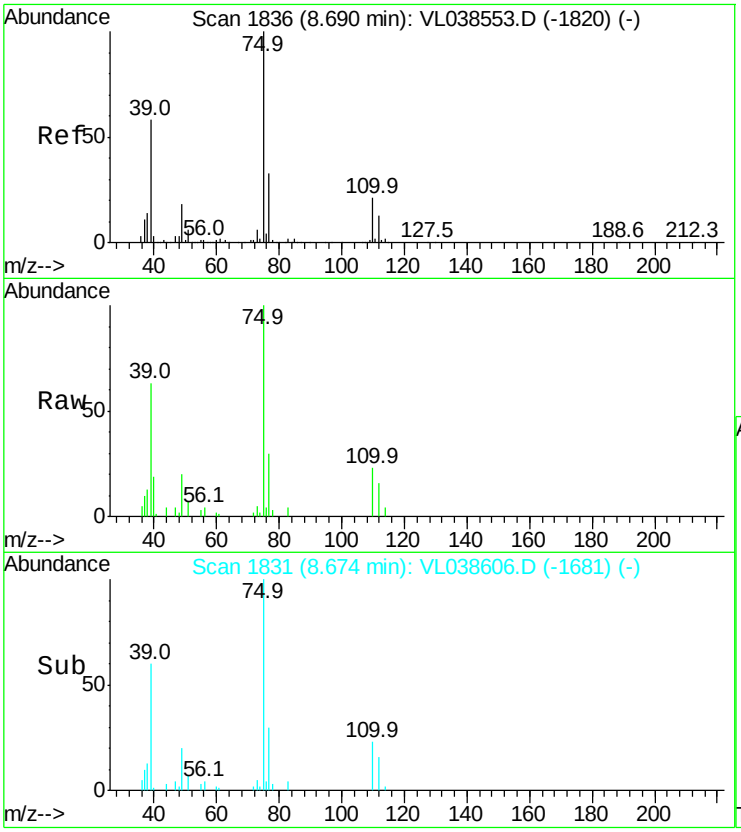


#45
t-1,3-Dichloropropene
Concen: 0.11 ppbv
RT: 9.25 min Scan# 2010
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 75 Resp: 5172

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	40.0



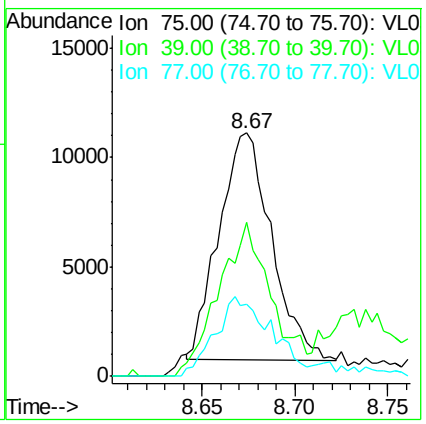


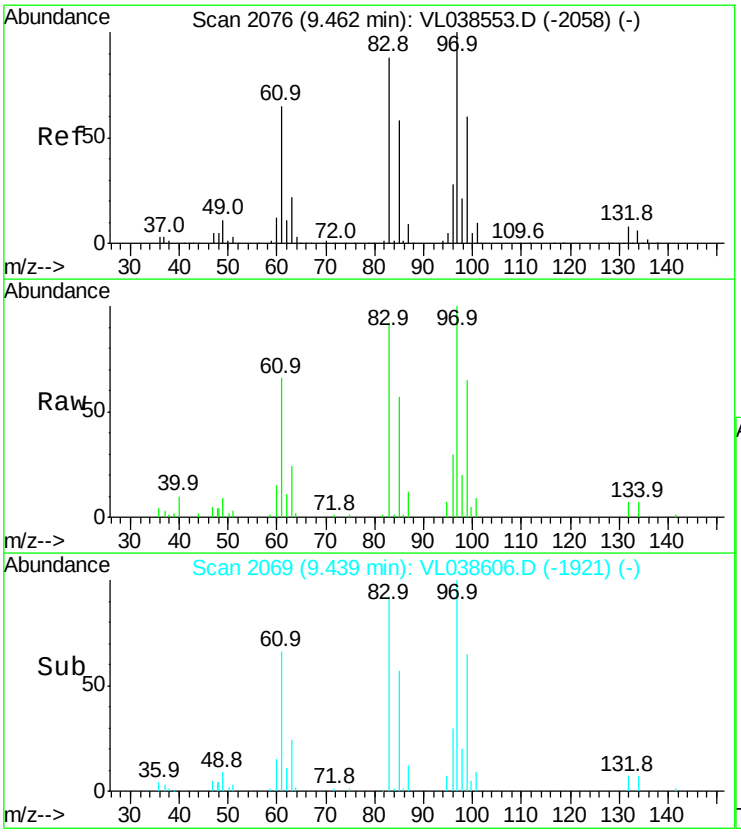
#46
cis-1,3-Dichloropropene
Concen: 0.33 ppbv
RT: 8.67
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 75 Resp: 20394

Ion	Ratio	Lower	Upper
75	100		
39	62.1	46.2	69.2
77	30.3	26.2	39.2

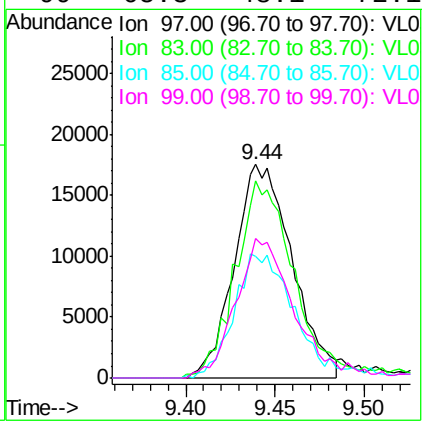


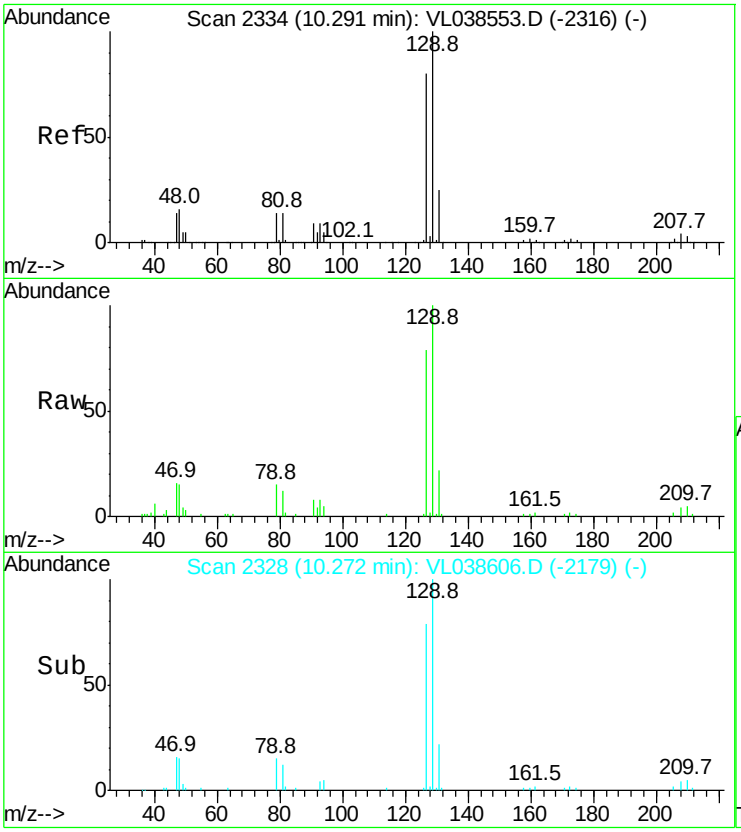


#47
1,1,2-Trichloroethane
Concen: 0.55 ppbv
RT: 9.44 min Scan# 2069
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 97 Resp: 39656

Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.1	105.1
85	55.7	46.6	69.8
99	65.3	48.1	72.1



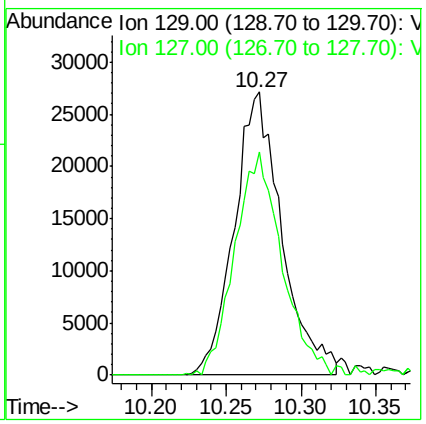


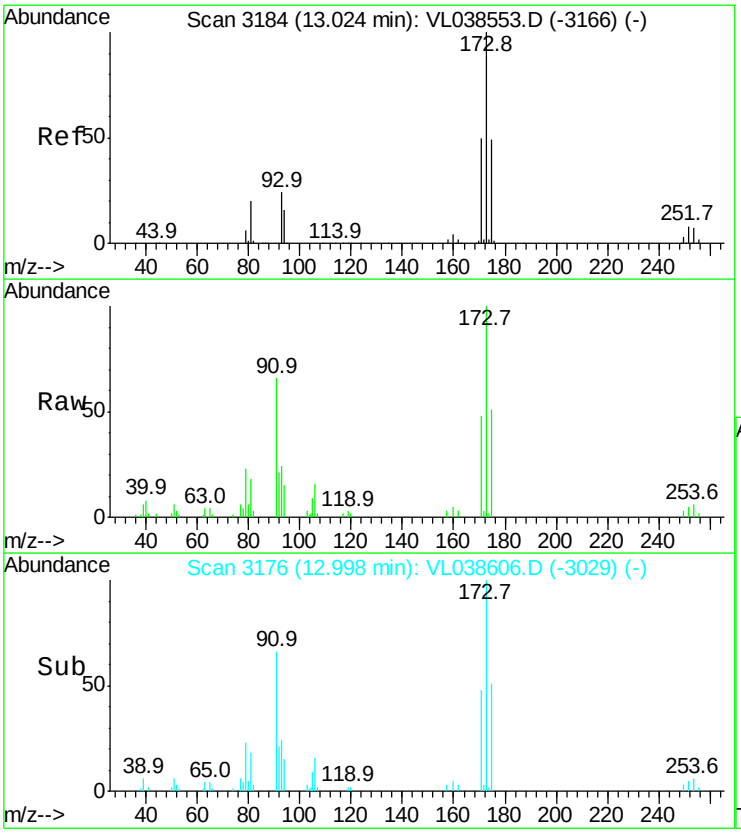
#48
Dibromochloromethane
Concen: 0.52 ppbv
RT: 10.27
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:129 Resp: 60043

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.5	118.3

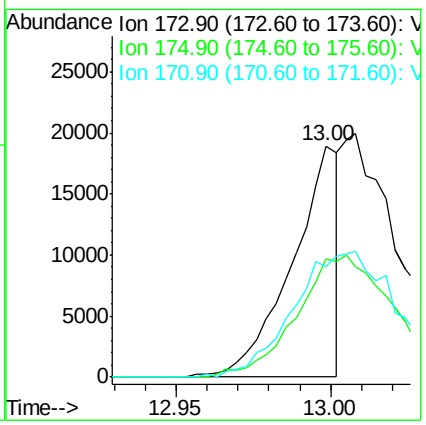


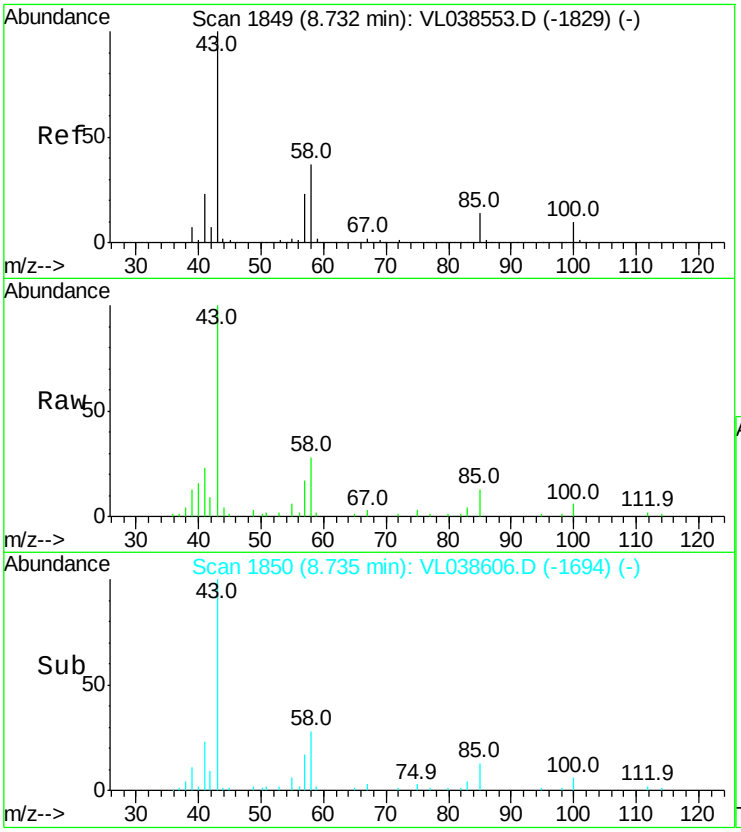


#49
Bromoform
Concen: 0.22 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:173 Resp: 19705

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



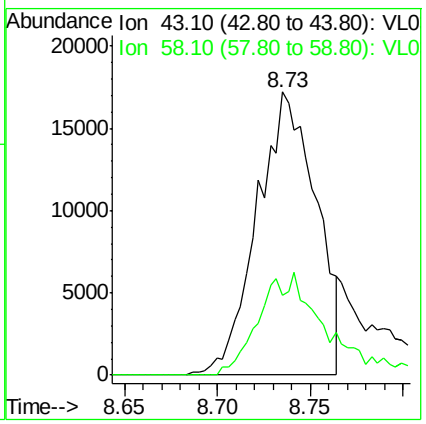


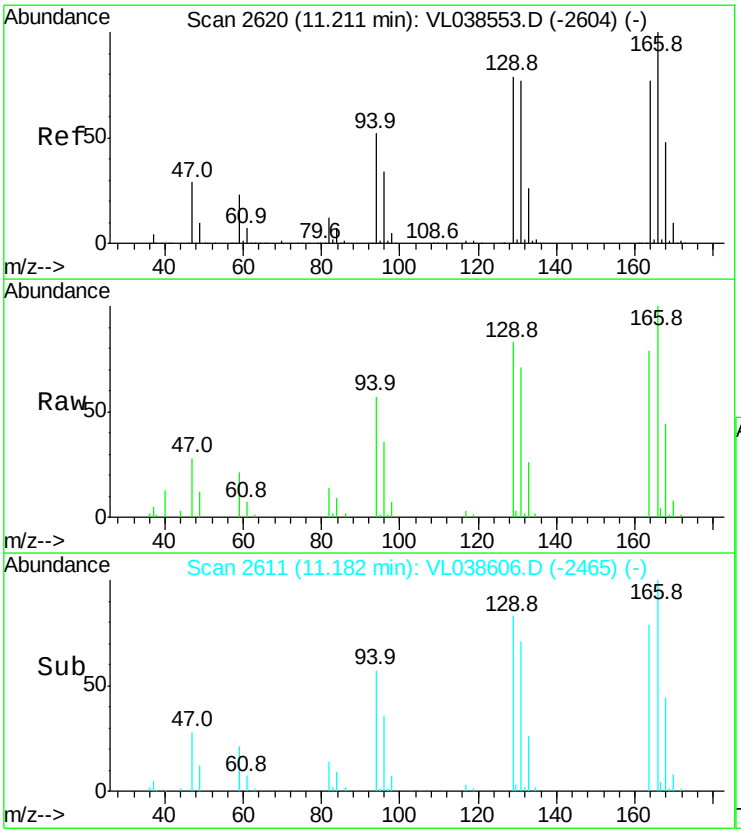
#50
4-Methyl-2-Pentanone
Concen: 0.35 ppbv
RT: 8.73
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 43 Resp: 38200

Ion	Ratio	Lower	Upper
43	100		
58	42.0	29.2	43.8

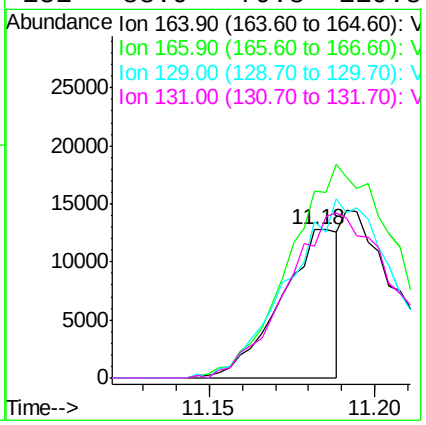


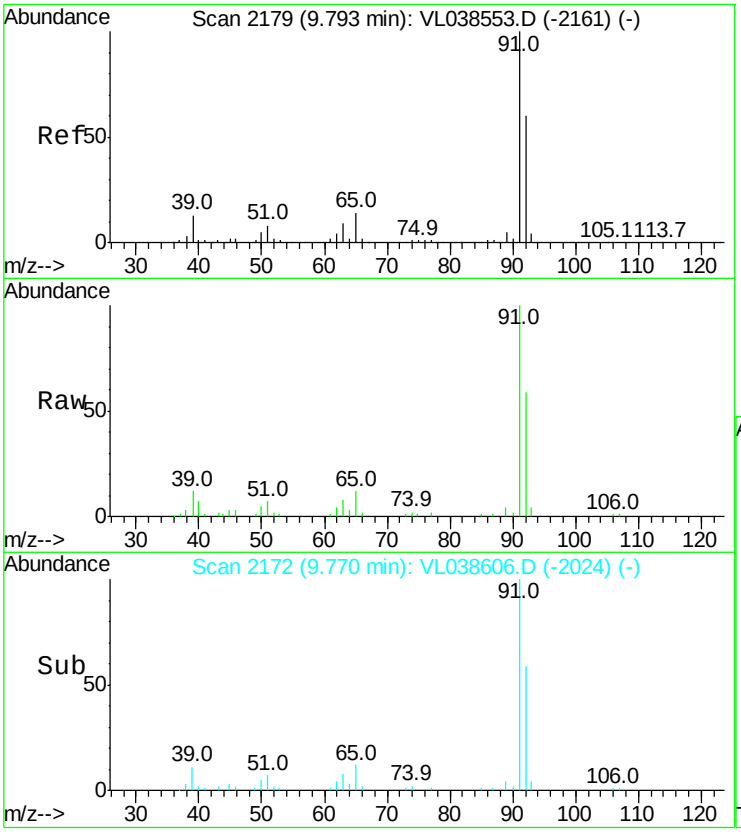


#52
Tetrachloroethene
Concen: 0.23 ppbv
RT: 11.18 min Scan# 2611
Delta R.T. -0.03 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:164 Resp: 15268

Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.4	155.2
129	108.8	81.3	121.9
131	88.9	79.8	119.8



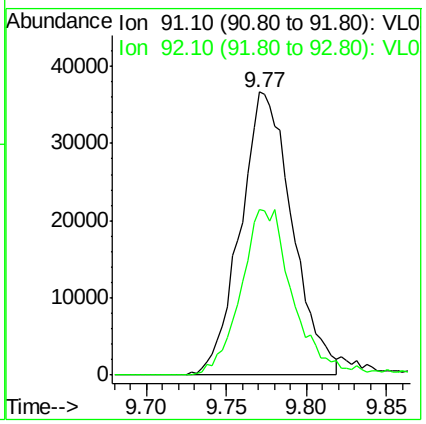


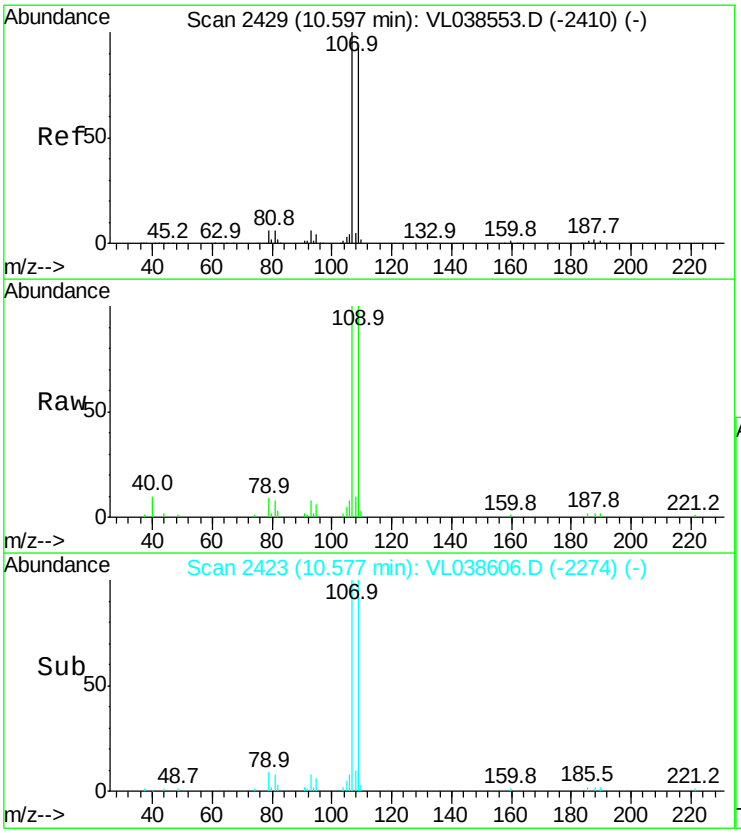
#53
Toluene
Concen: 0.42 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 91 Resp: 81565

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.1	72.1

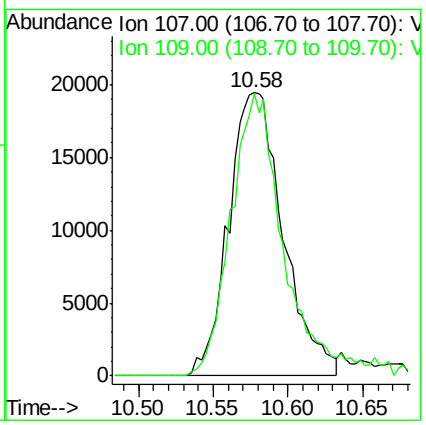


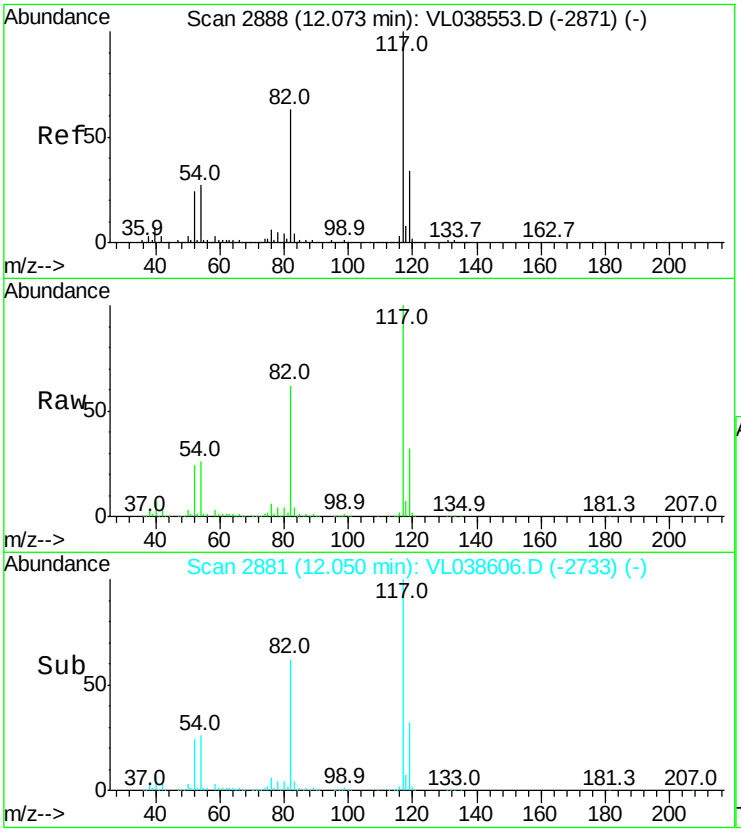


#54
1,2-Dibromoethane
Concen: 0.48 ppbv
RT: 10.58 min Scan# 2423
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:107 Resp: 49339

Ion	Ratio	Lower	Upper
107	100		
109	99.6	74.6	112.0



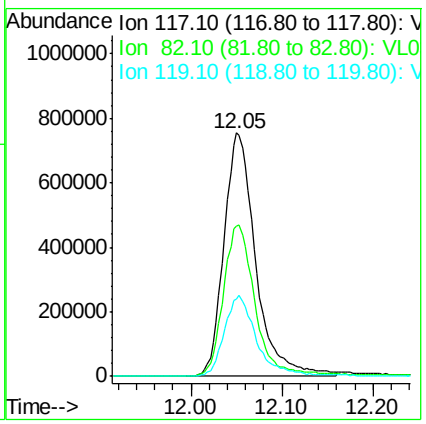


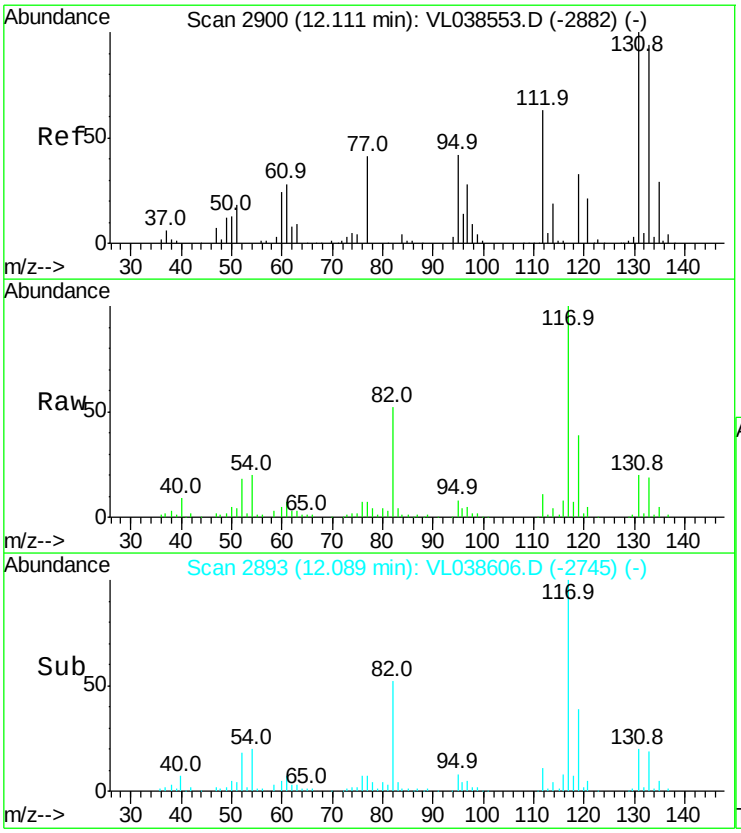
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:117 Resp: 1835699

Ion	Ratio	Lower	Upper
117	100		
82	63.5	52.5	78.7
119	34.2	46.4	69.6#

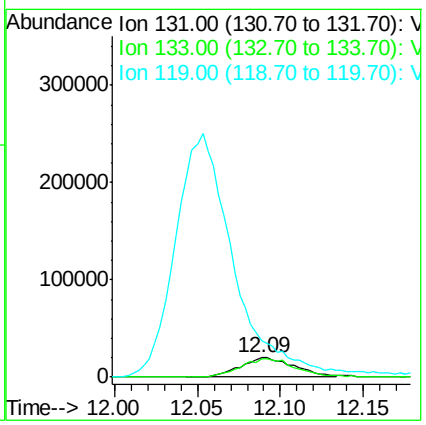


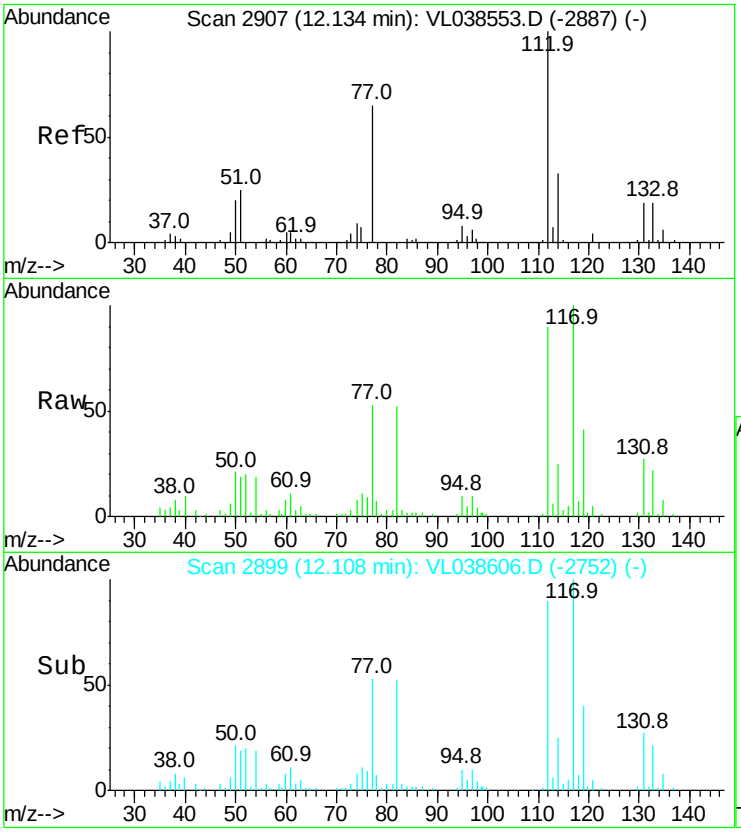


#56
1,1,1,2-Tetrachloroethane
Concen: 0.61 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:131 Resp: 45491

Ion	Ratio	Lower	Upper
131	100		
133	98.3	78.0	117.0
119	1406.7	53.1	79.7#



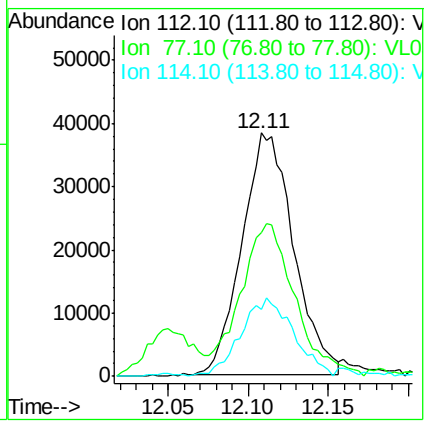


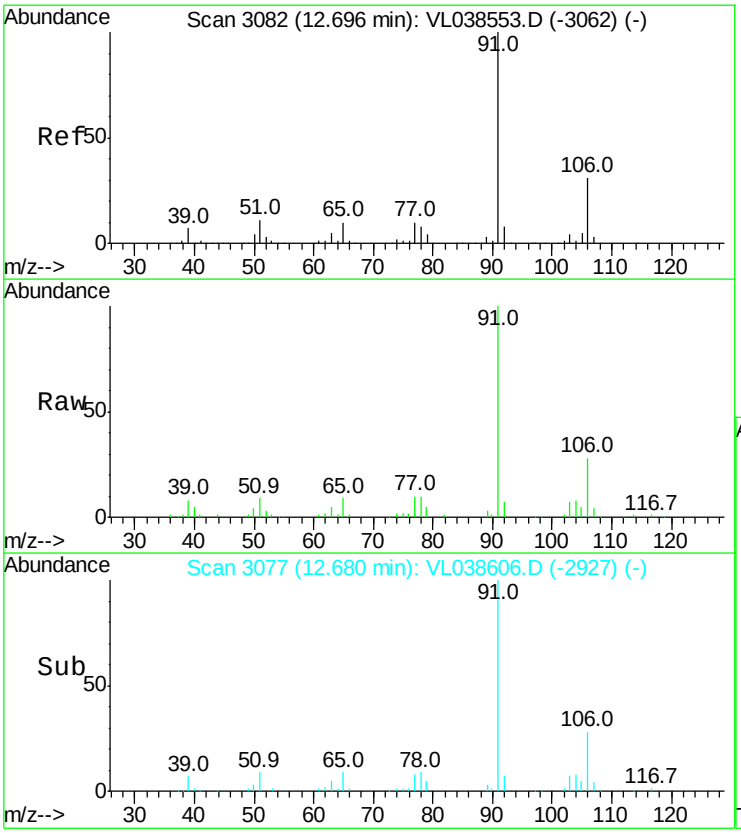
#57
Chlorobenzene
Concen: 0.61 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:112 Resp: 85327

Ion	Ratio	Lower	Upper
112	100		
77	52.6	52.5	78.7
114	27.9	30.0	36.6#

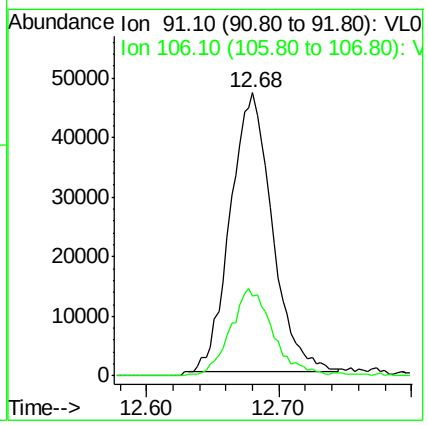


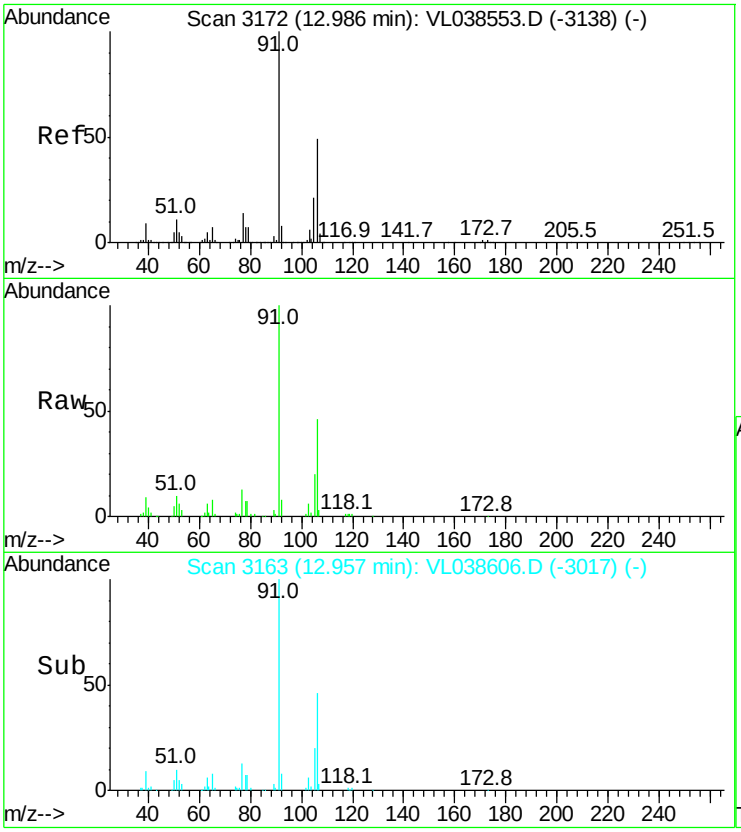


#58
Ethyl Benzene
Concen: 0.43 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 91 Resp: 102661

Ion	Ratio	Lower	Upper
91	100		
106	27.8	24.6	37.0



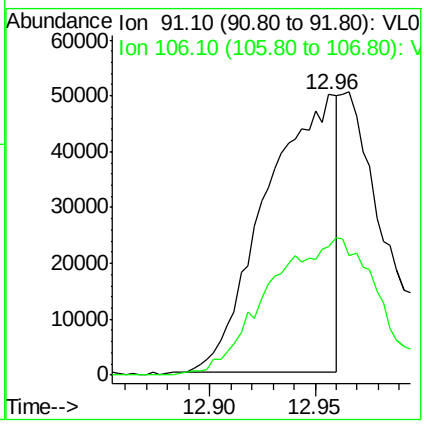


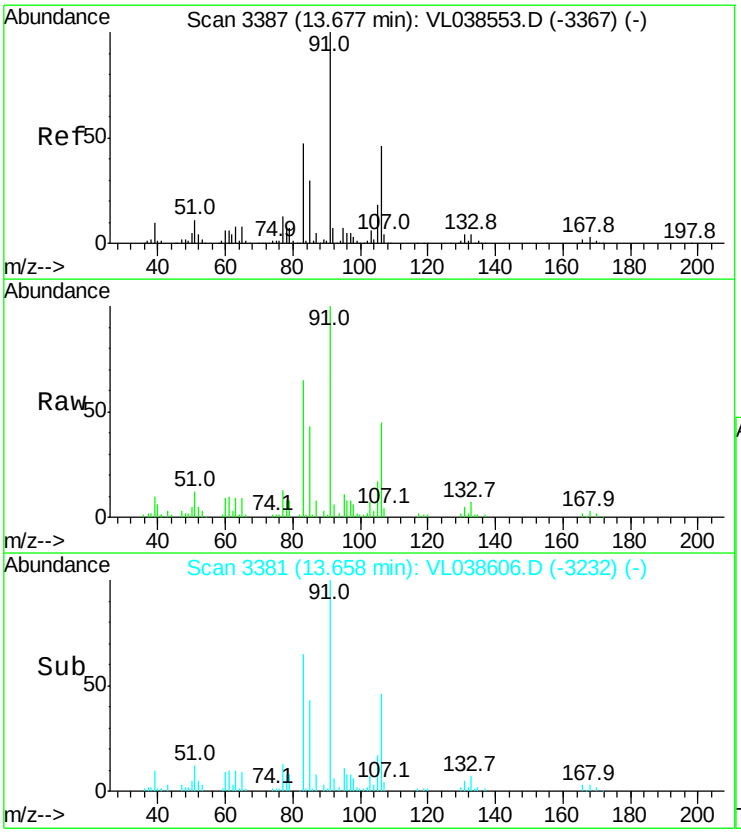
#59
m/p-Xylene
Concen: 0.56 ppbv
RT: 12.96
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 91 Resp: 114867

Ion	Ratio	Lower	Upper
91	100		
106	79.1	37.1	55.7#

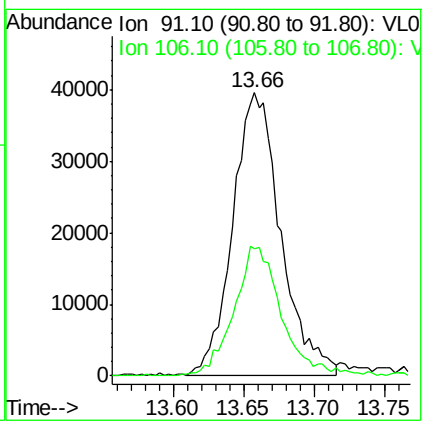


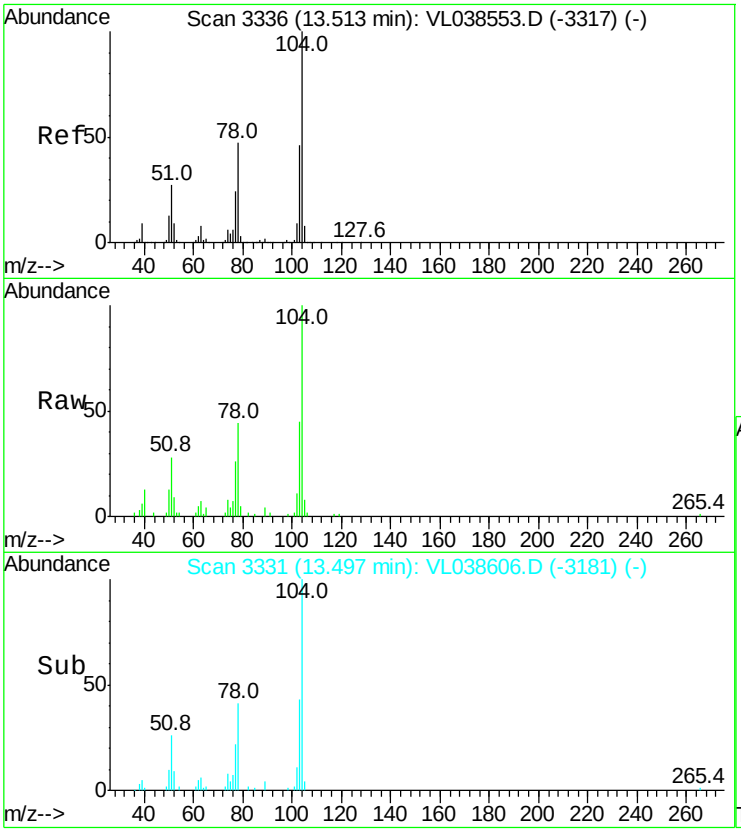


#60
o-Xylene
Concen: 0.49 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 91 Resp: 94622

Ion	Ratio	Lower	Upper
91	100		
106	45.6	23.5	70.6



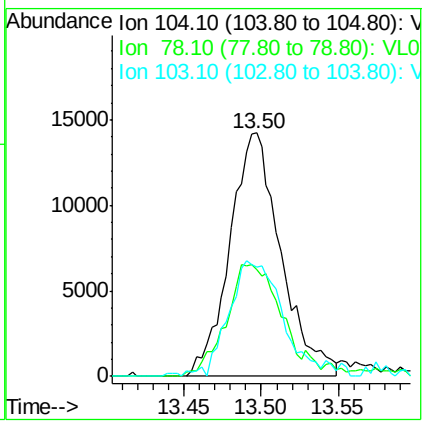


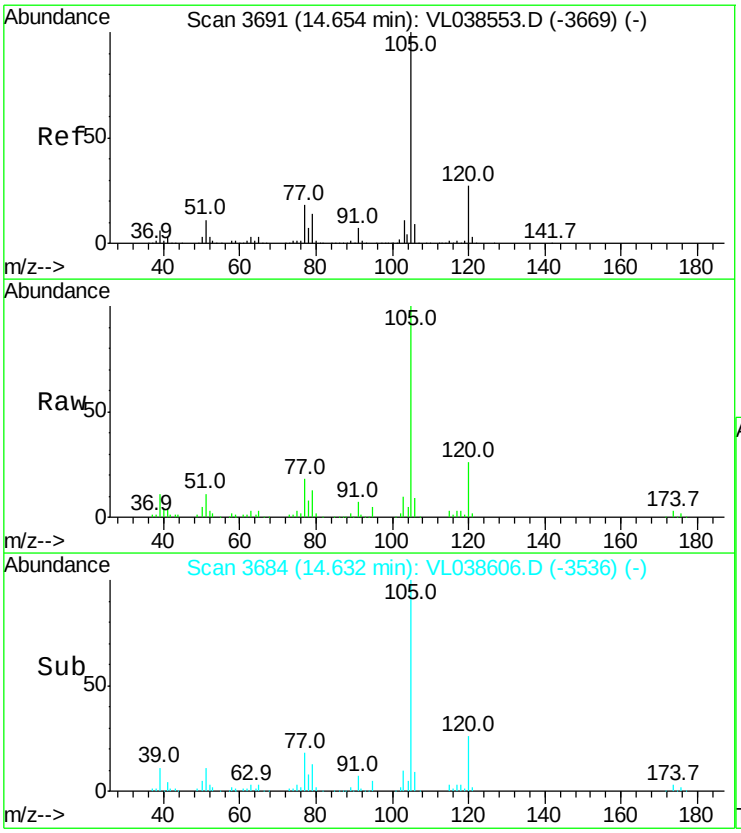
#61
Styrene
Concen: 0.35 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:104 Resp: 32688

Ion	Ratio	Lower	Upper
104	100		
78	53.7	39.0	58.4
103	51.1	38.0	57.0

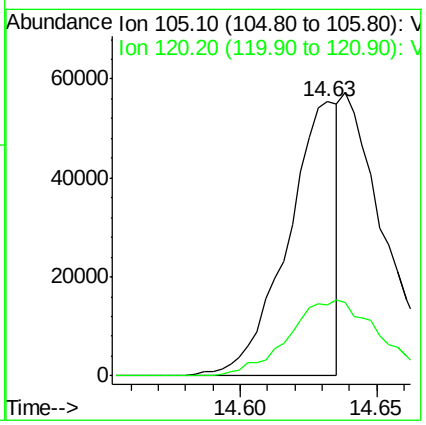


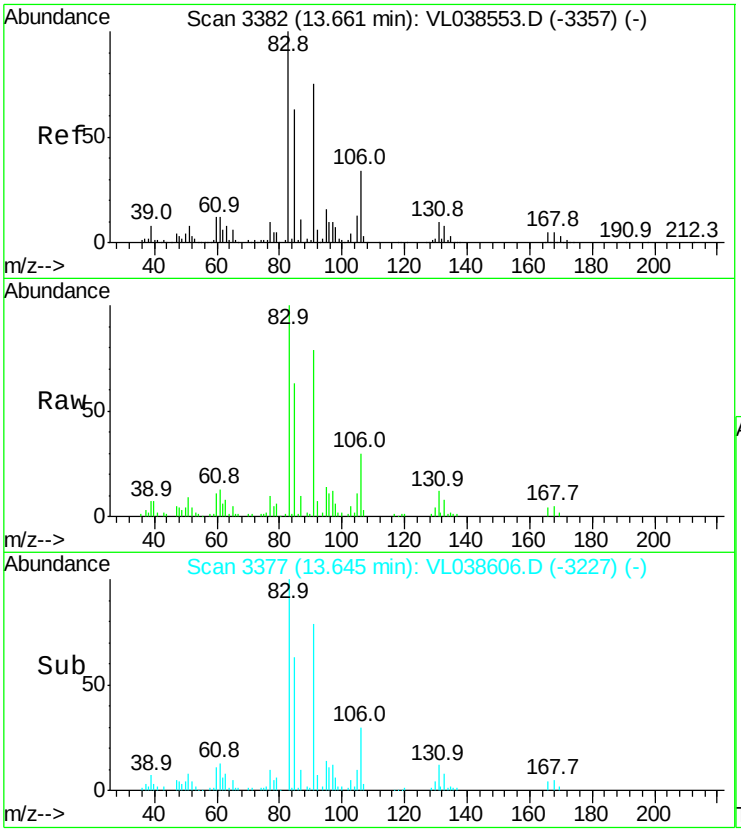


#62
Isopropylbenzene
Concen: 0.27 ppbv
RT: 14.63 min Scan# 3684
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:105 Resp: 70978

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.2	31.8#



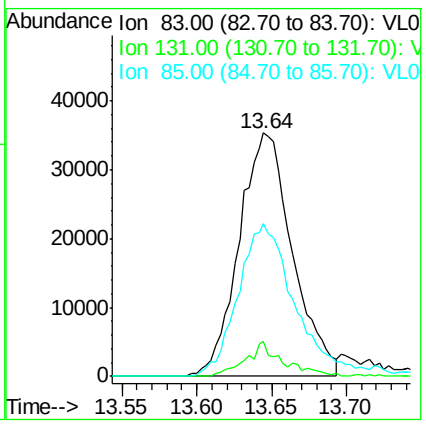


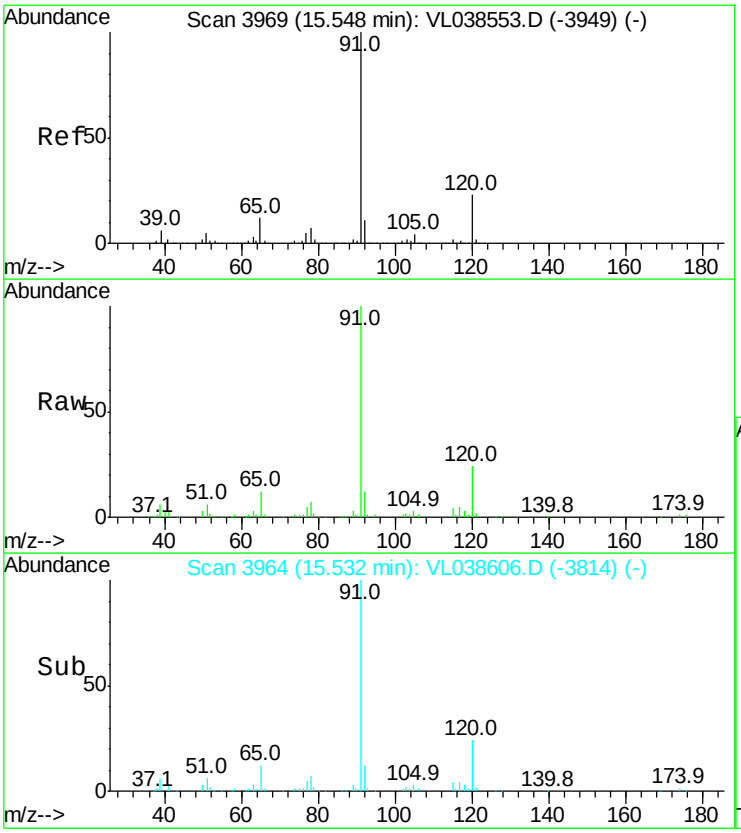
#63
1,1,2,2-Tetrachloroethane
Concen: 0.54 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 83 Resp: 87766

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.7	14.1
85	69.3	32.6	98.0

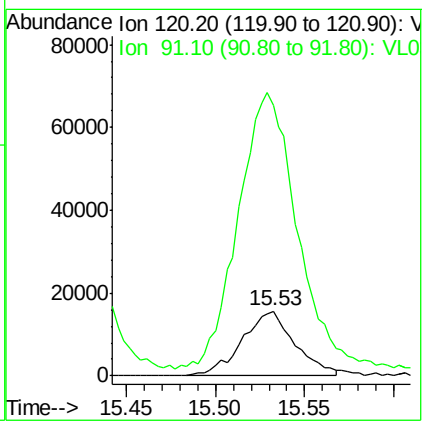


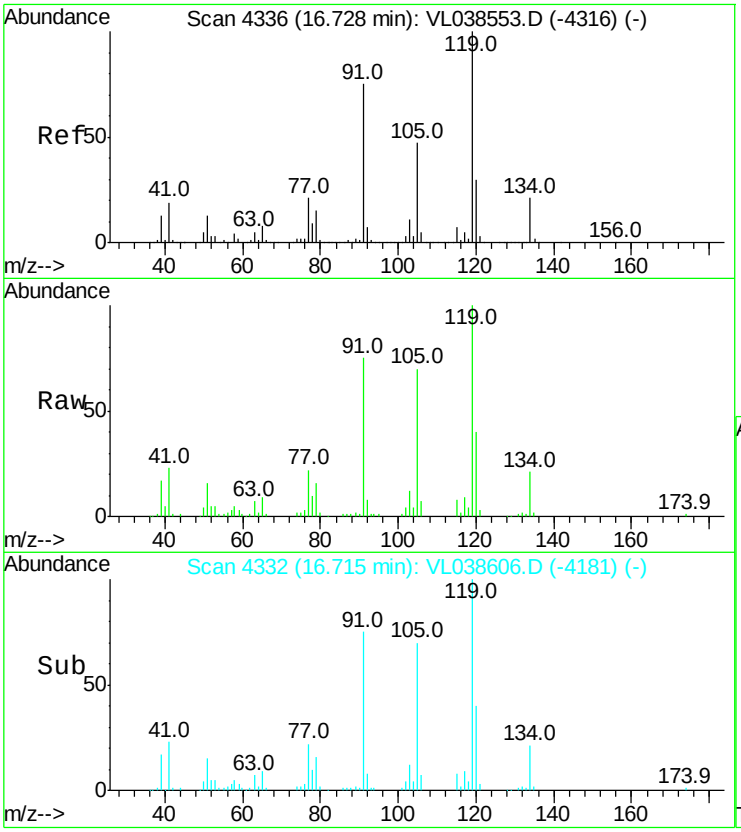


#64
n-propylbenzene
Concen: 0.48 ppbv
RT: 15.53 min Scan# 3964
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:120 Resp: 32302

Ion	Ratio	Lower	Upper
120	100		
91	521.2	374.2	561.2



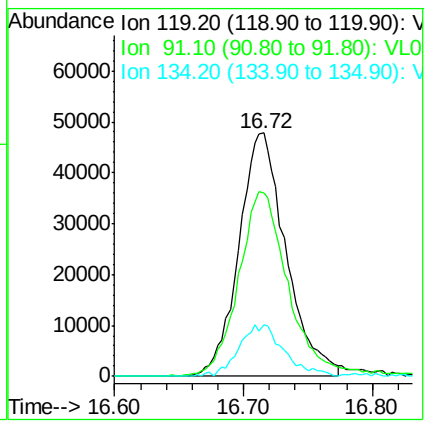


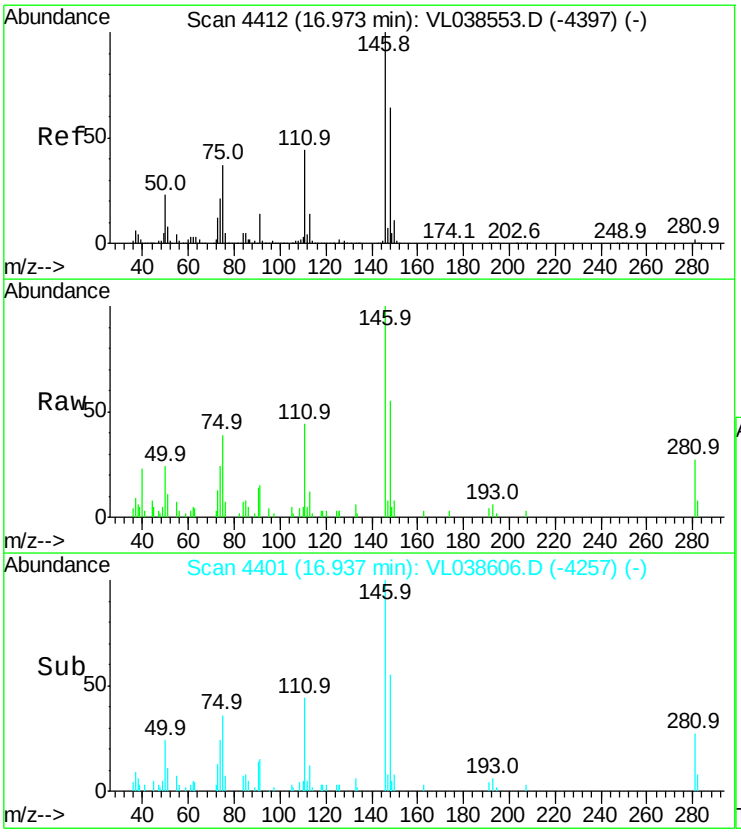
#65
tert-Butylbenzene
Concen: 0.51 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:119 Resp: 121280

Ion	Ratio	Lower	Upper
119	100		
91	81.8	61.2	91.8
134	20.2	16.2	24.2

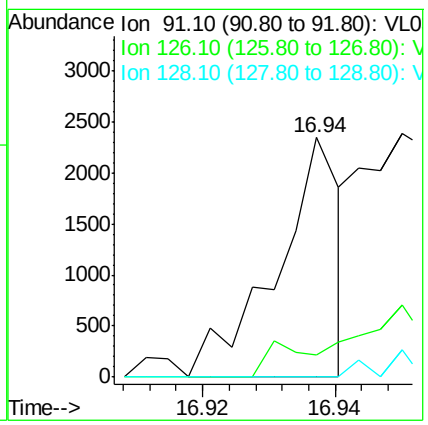


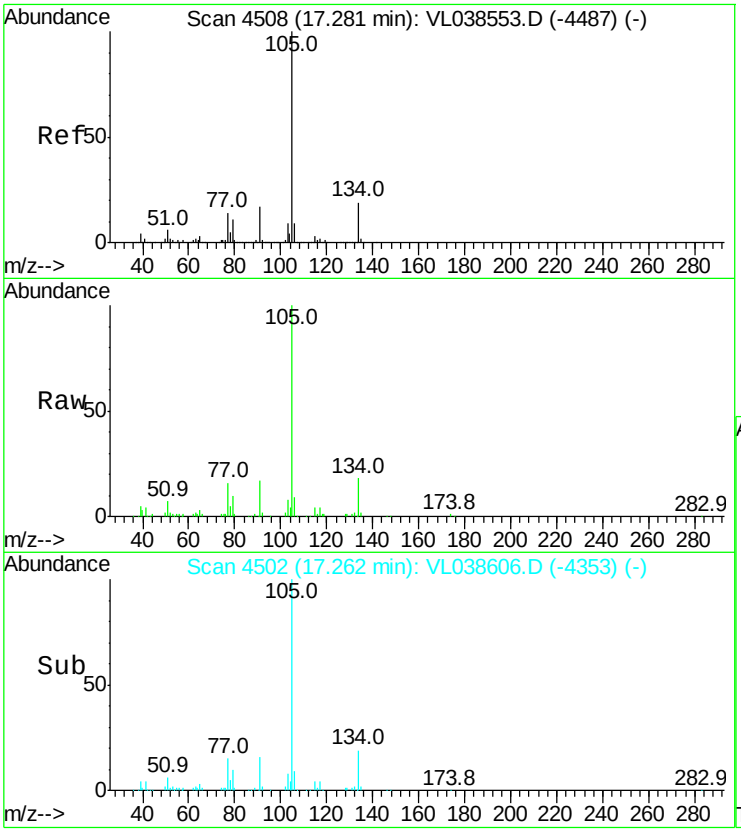


#66
Benzyl Chloride
Concen: 0.11 ppbv
RT: 16.94 min Scan# 4401
Delta R.T. -0.04 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 91 Resp: 1571

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



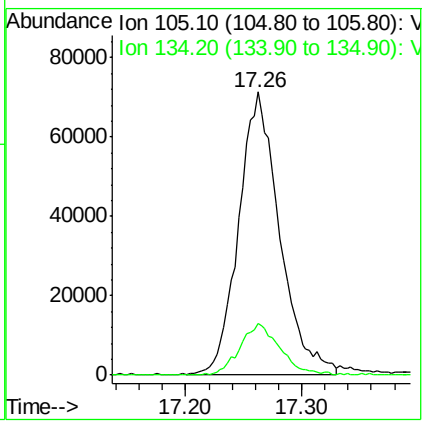


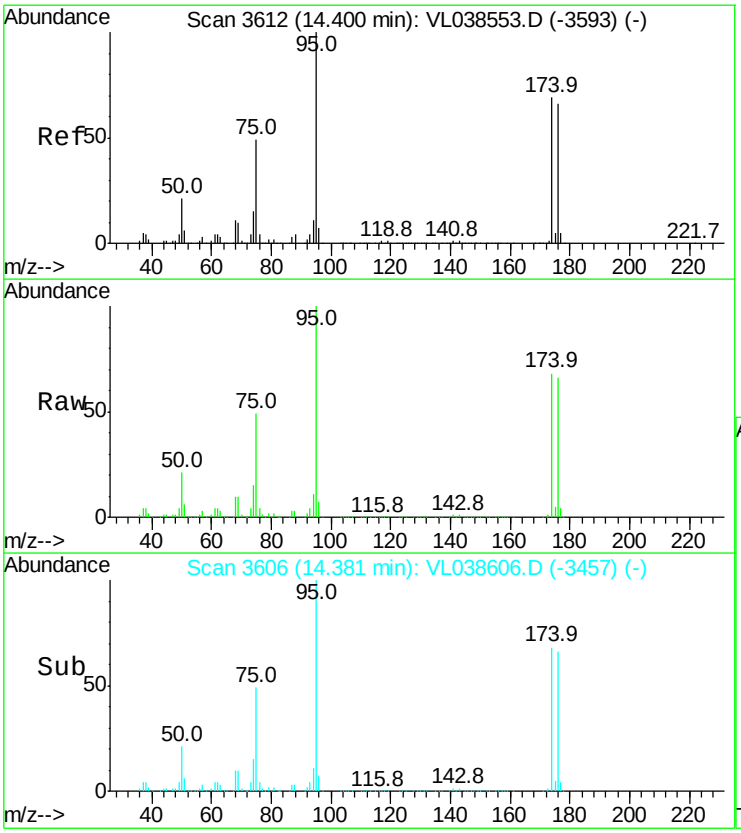
#67
sec-Butylbenzene
Concen: 0.52 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:105 Resp: 175149

Ion	Ratio	Lower	Upper
105	100		
134	18.2	15.0	22.6

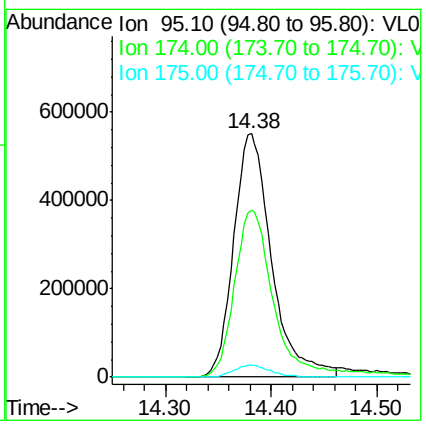


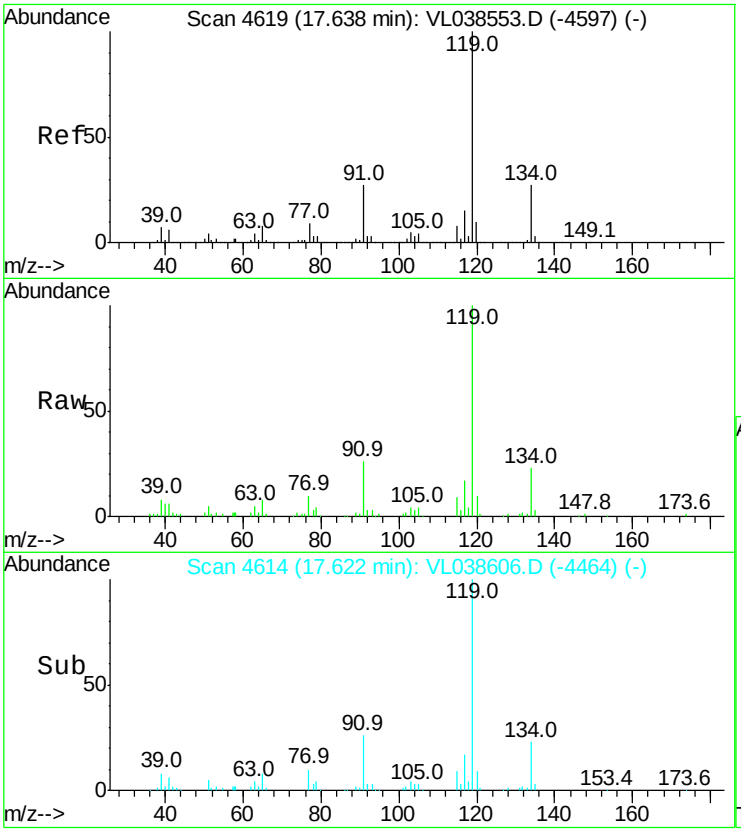


#68
1-Bromo-4-Fluorobenzene
Concen: 9.89 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 95 Resp: 1380439

Ion	Ratio	Lower	Upper
95	100		
174	72.5	56.2	84.4
175	5.1	4.2	6.2



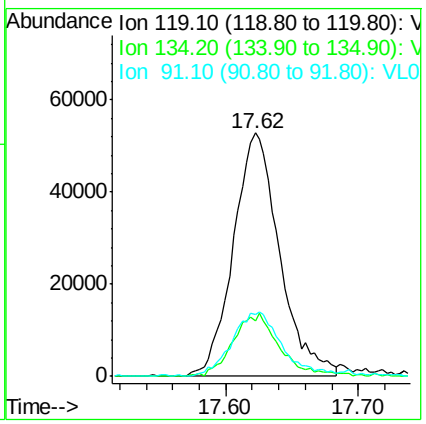


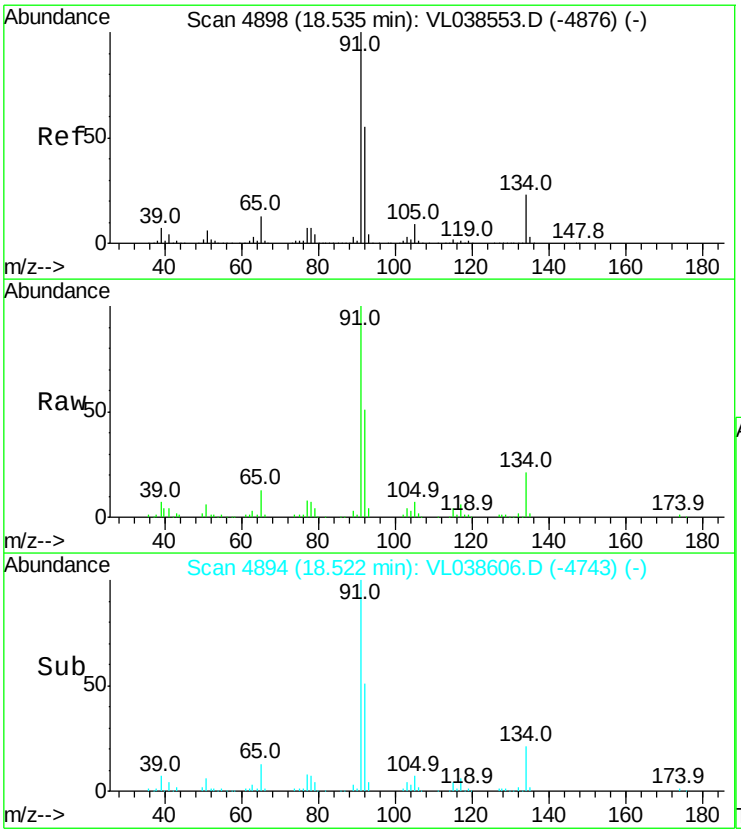
#69
p-Isopropyltoluene
Concen: 0.46 ppbv
RT: 17.62
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:119 Resp: 128258

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.9	31.3
91	29.1	21.1	31.7

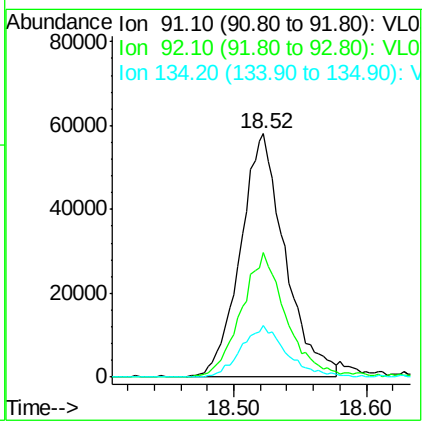


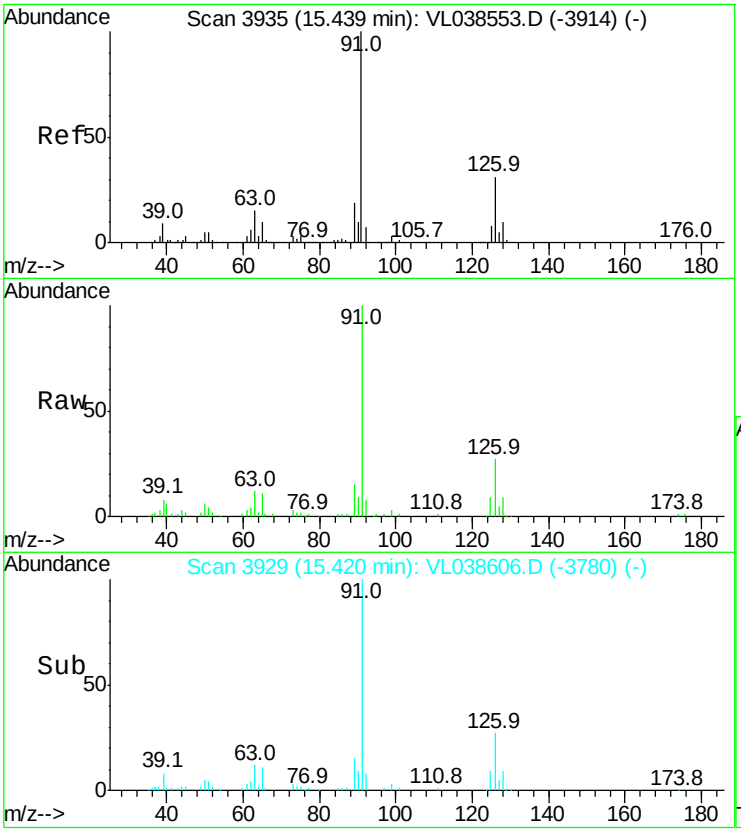


#70
n-Butylbenzene
Concen: 0.46 ppbv
RT: 18.52 min Scan# 4894
Delta R.T. -0.01 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 91 Resp: 135945

Ion	Ratio	Lower	Upper
91	100		
92	53.1	43.8	65.8
134	21.4	18.7	28.1



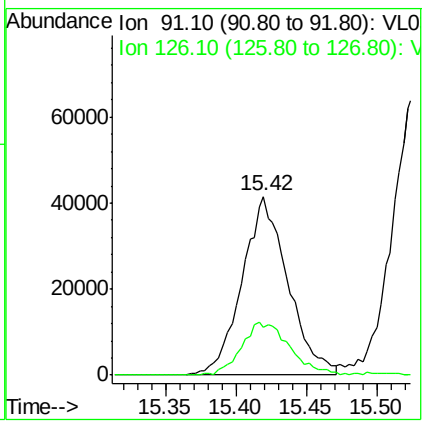


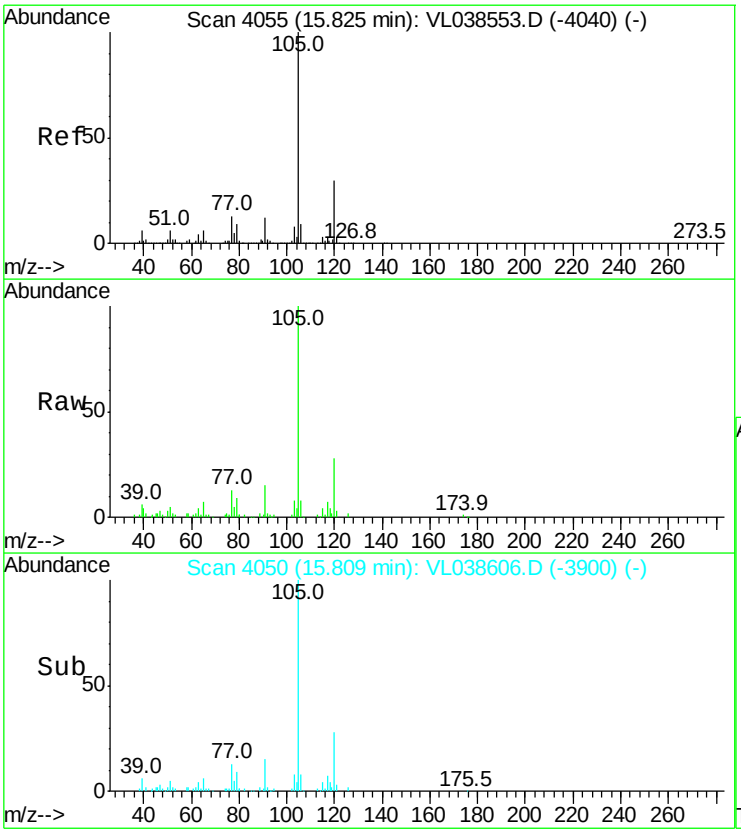
#71
2-Chlorotoluene
Concen: 0.48 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 91 Resp: 94352

Ion	Ratio	Lower	Upper
91	100		
126	31.1	12.9	51.7

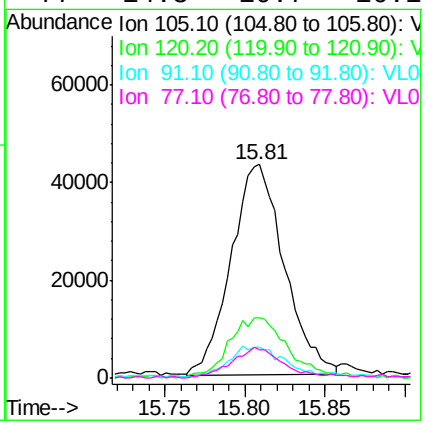


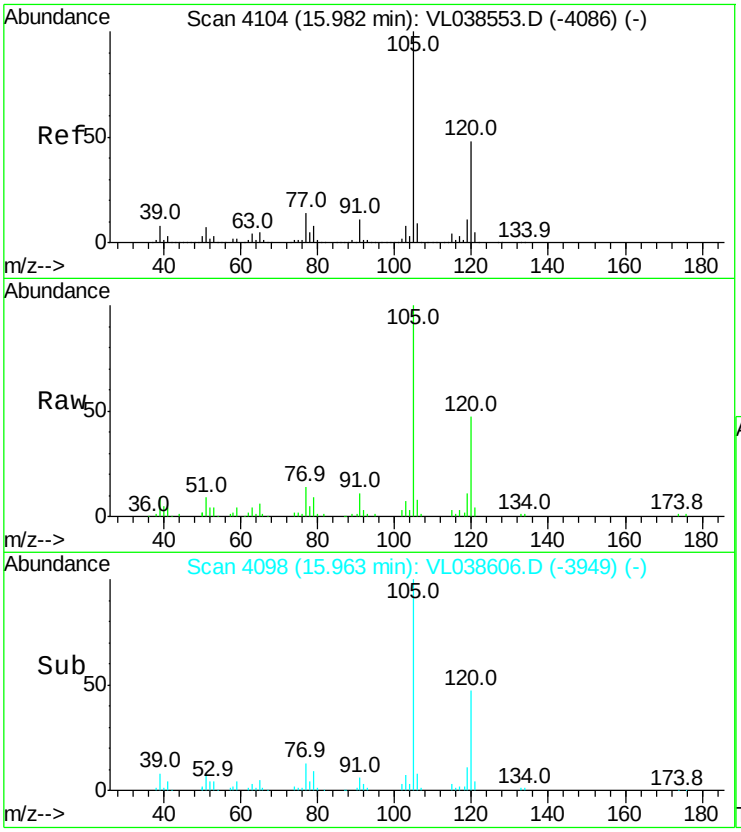


#72
4-Ethyltoluene
Concen: 0.45 ppbv
RT: 15.81 min Scan# 4050
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:105 Resp: 98653

Ion	Ratio	Lower	Upper
105	100		
120	32.1	25.0	37.4
91	16.2	9.8	14.6#
77	14.3	10.7	16.1



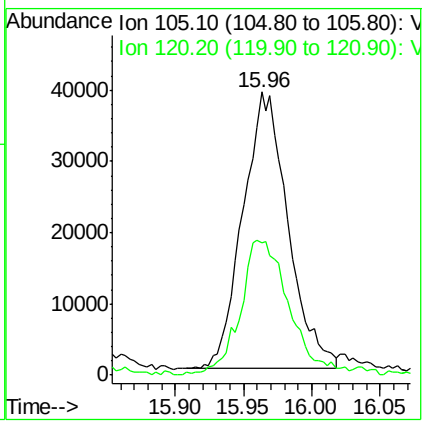


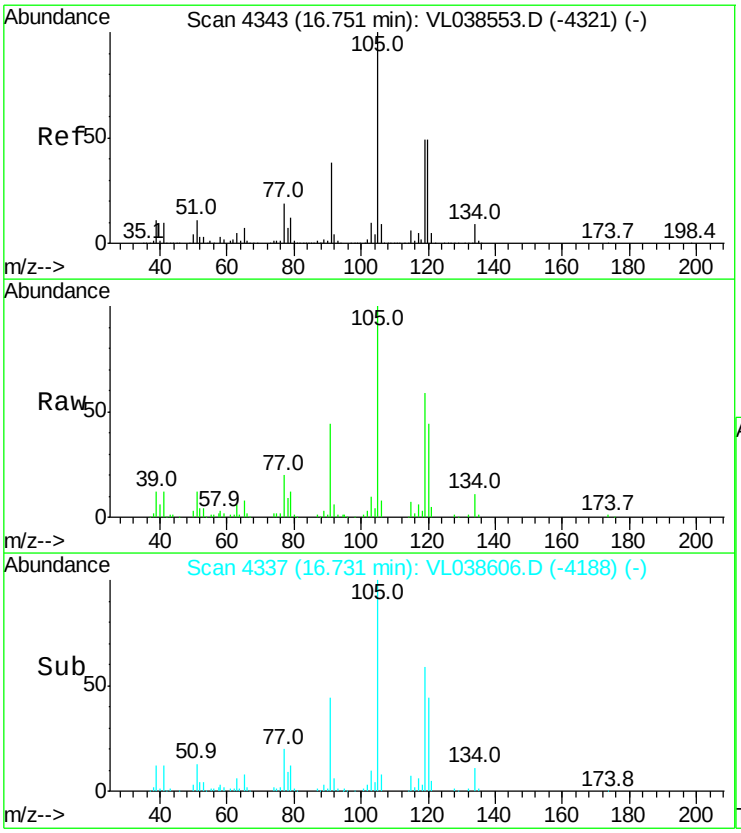
#73
1,3,5-Trimethylbenzene
Concen: 0.44 ppbv
RT: 15.96
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:105 Resp: 89556

Ion	Ratio	Lower	Upper
105	100		
120	47.0	38.3	57.5

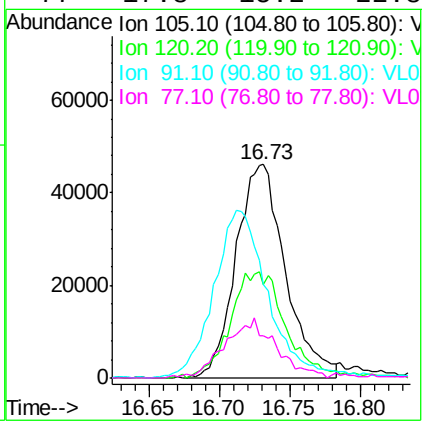


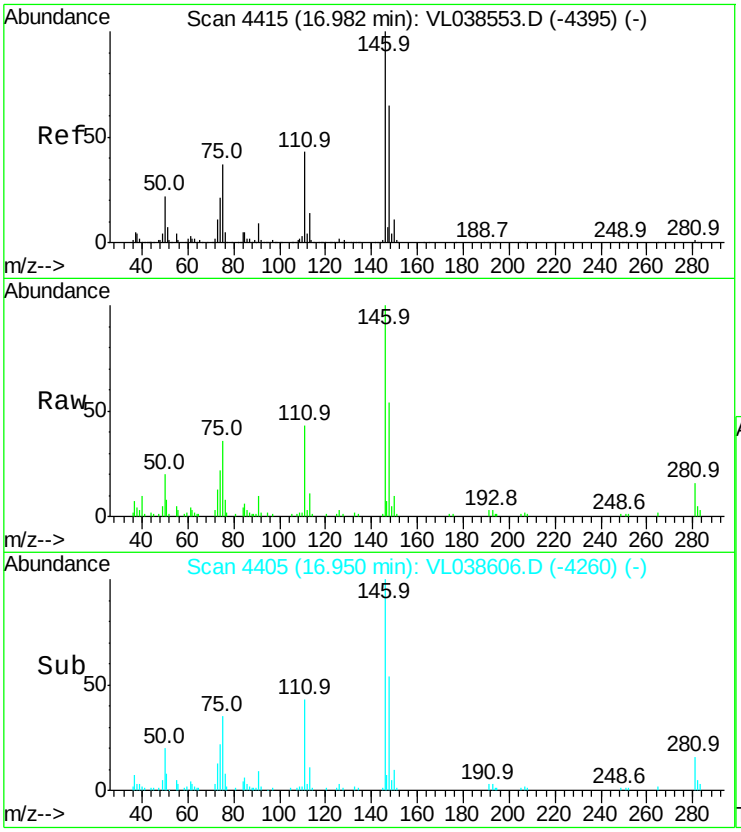


#74
1,2,4-Trimethylbenzene
Concen: 0.52 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:105 Resp: 113194

Ion	Ratio	Lower	Upper
105	100		
120	43.7	38.9	58.3
91	41.0	30.6	46.0
77	17.8	15.2	22.8



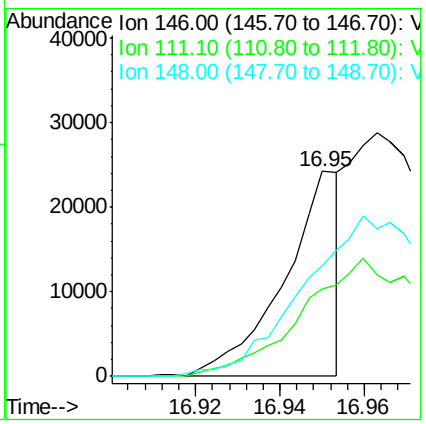


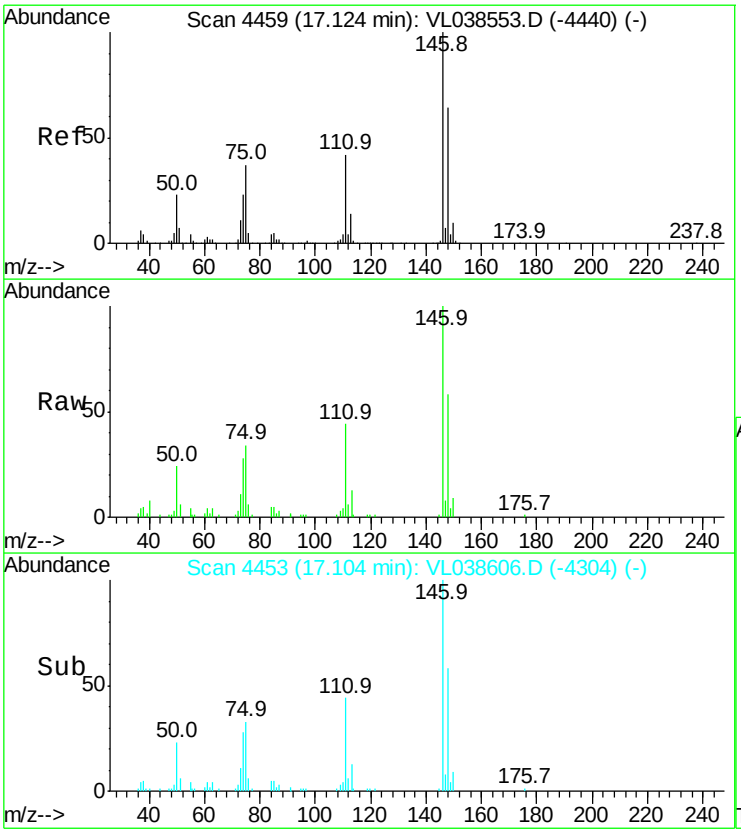
#75
1,3-Dichlorobenzene
Concen: 0.16 ppbv
RT: 16.95
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:146 Resp: 22223

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.9	65.8#
148	0.0	32.2	96.6#

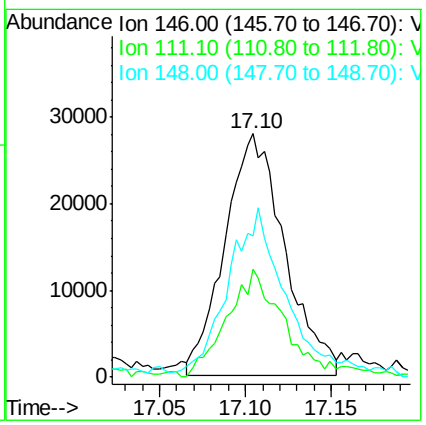


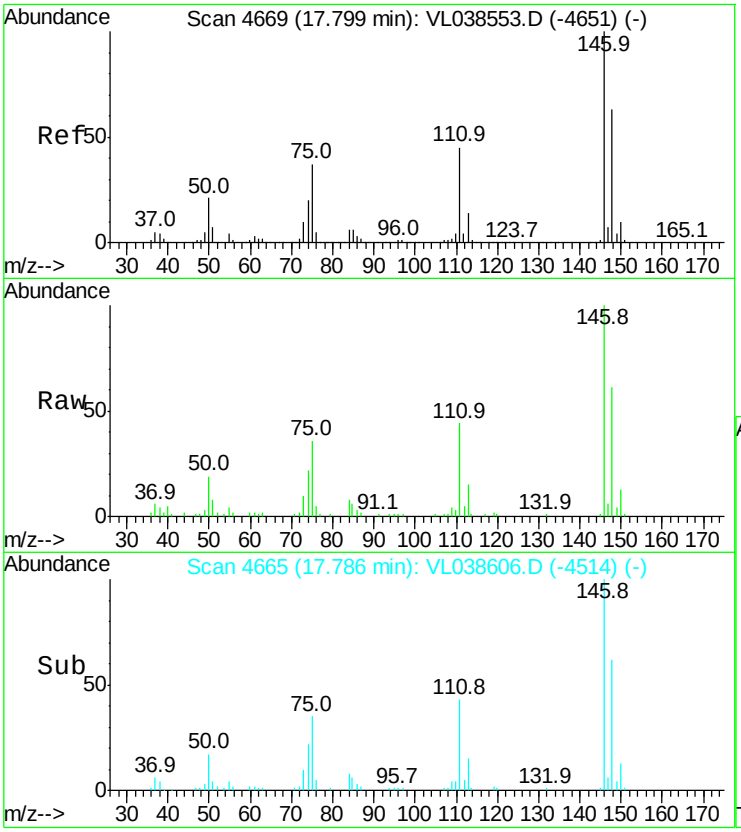


#76
1,4-Dichlorobenzene
Concen: 0.50 ppbv
RT: 17.10 min Scan# 4453
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:146 Resp: 67855

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.8	65.3
148	70.2	32.8	98.4



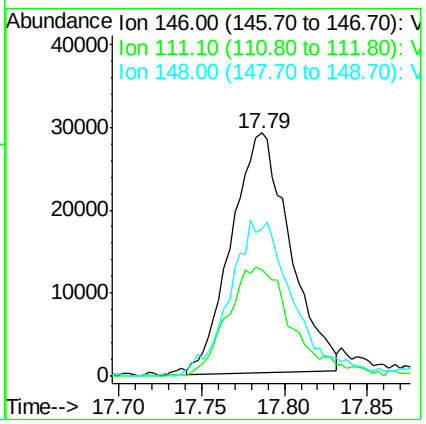


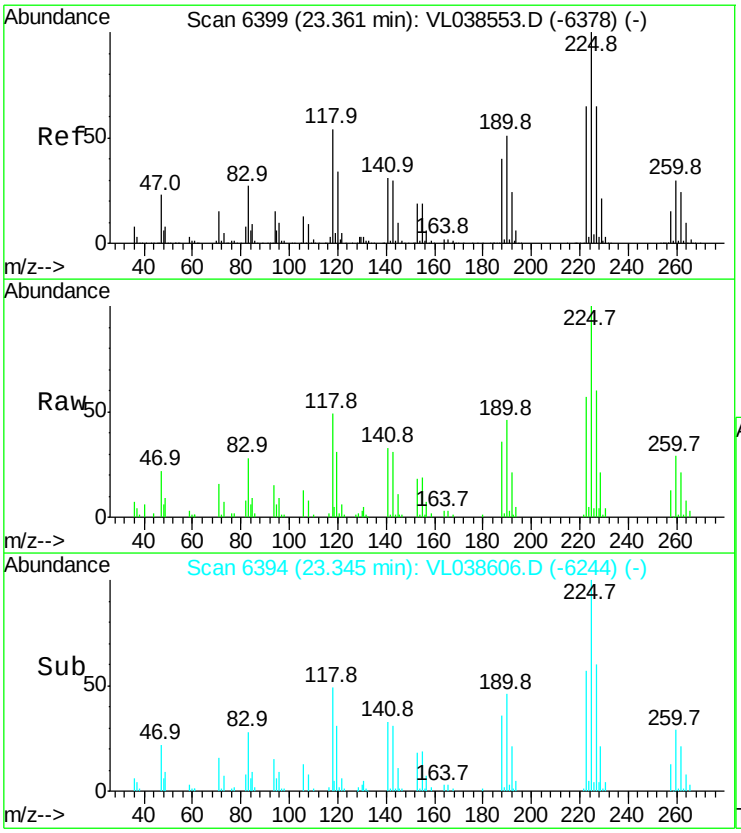
#77
1,2-Dichlorobenzene
Concen: 0.51 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:146 Resp: 71369

Ion	Ratio	Lower	Upper
146	100		
111	52.0	23.2	69.5
148	72.8	32.6	98.0

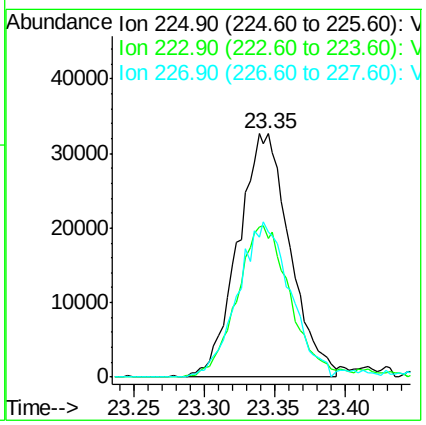


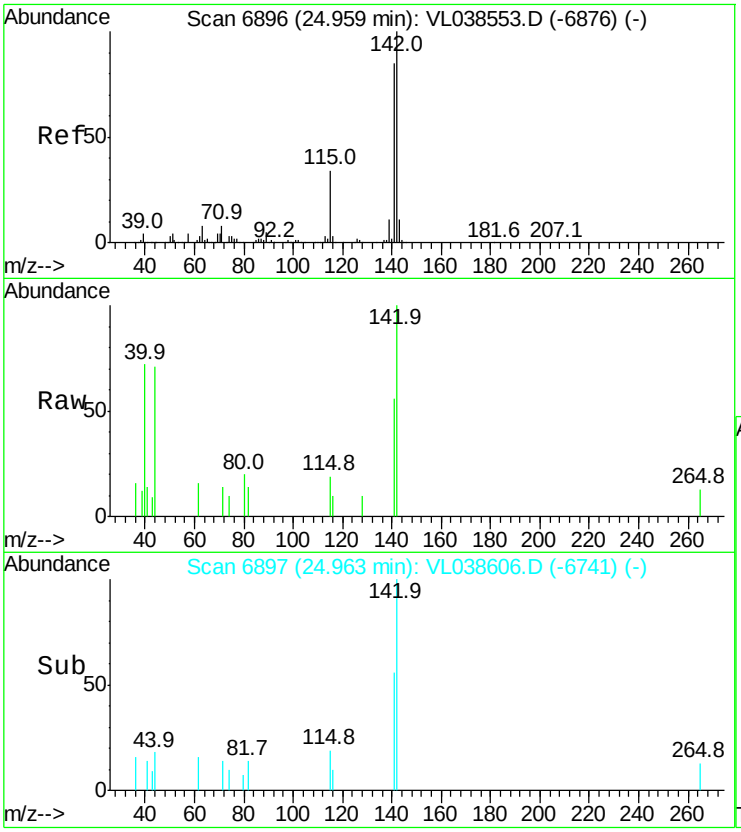


#78
Hexachloro-1,3-Butadiene
Concen: 0.62 ppbv
RT: 23.35 min Scan# 6394
Delta R.T. -0.02 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:225 Resp: 83961

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	66.1	51.9	77.9





#80
Naphthalene,2-methyl-
Concen: 0.12 ppbv
RT: 24.96
Delta R.T
Lab File:
Acq: 14 Mar 2022 22:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:142 Resp: 4198

Ion	Ratio	Lower	Upper
142	100		
141	62.4	68.4	102.6#
115	25.8	27.9	41.9#