Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038604.D
Acq On : 14 Mar 2022 20:05
Operator : SY/AP
Sample : N1645-14 0.1 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 15 01:43:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	761181	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.15	114	1968453	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.05	117	1722388	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1283338	9.80	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	19685	0.17	ppbv		98
3) Chlorodifluoromethane	2.98	51	18145	0.14	ppbv		95
4) Chloromethane	3.13	50	6810	0.14	ppbv	#	82
5) Vinyl Chloride	3.25	62	6106	0.12	ppbv	#	86
6) Bromomethane	3.46	94	1860	0.07	ppbv		96
7) Chloroethane	3.55	64	881	0.05	ppbv	#	88
8) Dichlorotetrafluoroethane	3.18	85	16064	0.14	ppbv		97
9) Propene	3.00	41	3262	0.07	ppbv	#	15
10) Heptane	8.09	43	5561	0.05	ppbv	#	28
11) Trichlorofluoromethane	3.93	101	12952	0.13	ppbv		86
12) 1,1,2-Trichlorotrifluoroet	4.47	101	9048	0.12	ppbv		84
13) Ethanol	3.62	45	693	0.13	ppbv	#	41
14) Bromoethene	3.72	108	3989	0.12	ppbv	#	82
15) Acetone	3.86	43	3391	0.06	ppbv	#	46
16) 1,3-Butadiene	3.31	39	4515	0.10	ppbv		95
18) 1,1-Dichloroethene	4.28	96	3167	0.09	ppbv	#	87
19) Isopropyl Alcohol	3.98	45	1479	0.04	ppbv	#	1
20) Methylene Chloride	4.33	84	6353	0.20	ppbv	#	97
21) Allyl Chloride	4.40	41	4360	0.08	ppbv	#	55
22) trans-1,2-Dichloroethene	4.87	96	3481	0.09	ppbv		95
24) 1,1-Dichloroethane	4.98	63	2927	0.04	ppbv		97
25) Ethyl Acetate	5.67	43	19082	0.11	ppbv	#	96
26) Hexane	5.67	57	7343	0.09	ppbv	#	1
27) Carbon Disulfide	4.53	76	3205	0.04	ppbv	#	66
28) Methyl tert-Butyl Ether	5.04	73	4414	0.06	ppbv	#	37
29) Chloroform	5.73	83	10319	0.08	ppbv		92
31) cis-1,2-Dichloroethene	5.52	61	3859	0.05	ppbv		92
32) 1,1,1-Trichloroethane	6.48	97	8000	0.06	ppbv	#	29
34) 2-Butanone	5.26	43	5016	0.10	ppbv	#	83
35) Carbon Tetrachloride	6.99	117	15389	0.11	ppbv		94
36) Benzene	6.86	78	15944	0.09	ppbv		95
37) 1,2-Dichloroethane	6.28	62	3500	0.04	ppbv	#	79
38) Trichloroethene	7.80	130	4026	0.06	ppbv	#	69
39) 1,2-Dichloropropane	7.15	63	455687	6.67	ppbv	#	26
42) Bromodichloromethane	7.76	83	16501	0.12	ppbv	#	82
44) 2,2,4-Trimethylpentane	7.84	57	13399	0.04	ppbv	#	16
47) 1,1,2-Trichloroethane	9.44	97	2231	0.03	ppbv	#	53
48) Dibromochloromethane	10.28	129	8164	0.07	ppbv		76
49) Bromoform	13.01	173	4540	0.05	ppbv	#	40
52) Tetrachloroethene	11.19	164	5880	0.09	ppbv	#	68
53) Toluene	9.78	91	12732	0.07	ppbv		87

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038604.D
Acq On : 14 Mar 2022 20:05
Operator : SY/AP
Sample : N1645-14 0.1 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 15 01:43:30 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)
54) 1,2-Dibromoethane	10.58	107	8812	0.09	ppbv		92
56) 1,1,1,2-Tetrachloroethane	12.09	131	2856	0.04	ppbv	#	7
57) Chlorobenzene	12.12	112	6421	0.05	ppbv		91
58) Ethyl Benzene	12.68	91	14143	0.06	ppbv		94
62) Isopropylbenzene	14.63	105	10208	0.04	ppbv	#	46
63) 1,1,2,2-Tetrachloroethane	13.65	83	16311	0.11	ppbv		94
64) n-propylbenzene	15.53	120	2068	0.03	ppbv	#	1
67) sec-Butylbenzene	17.26	105	10750	0.03	ppbv	#	58
70) n-Butylbenzene	18.52	91	9943	0.04	ppbv	#	41
71) 2-Chlorotoluene	15.42	91	7846	0.04	ppbv	#	42
73) 1,3,5-Trimethylbenzene	15.97	105	10034	0.05	ppbv	#	84
74) 1,2,4-Trimethylbenzene	16.73	105	7757	0.04	ppbv	#	79
75) 1,3-Dichlorobenzene	16.96	146	4508	0.03	ppbv	#	24
76) 1,4-Dichlorobenzene	17.10	146	4637	0.04	ppbv	#	1
77) 1,2-Dichlorobenzene	17.79	146	8149	0.06	ppbv	#	43
78) Hexachloro-1,3-Butadiene	23.33	225	5744	0.04	ppbv	#	18

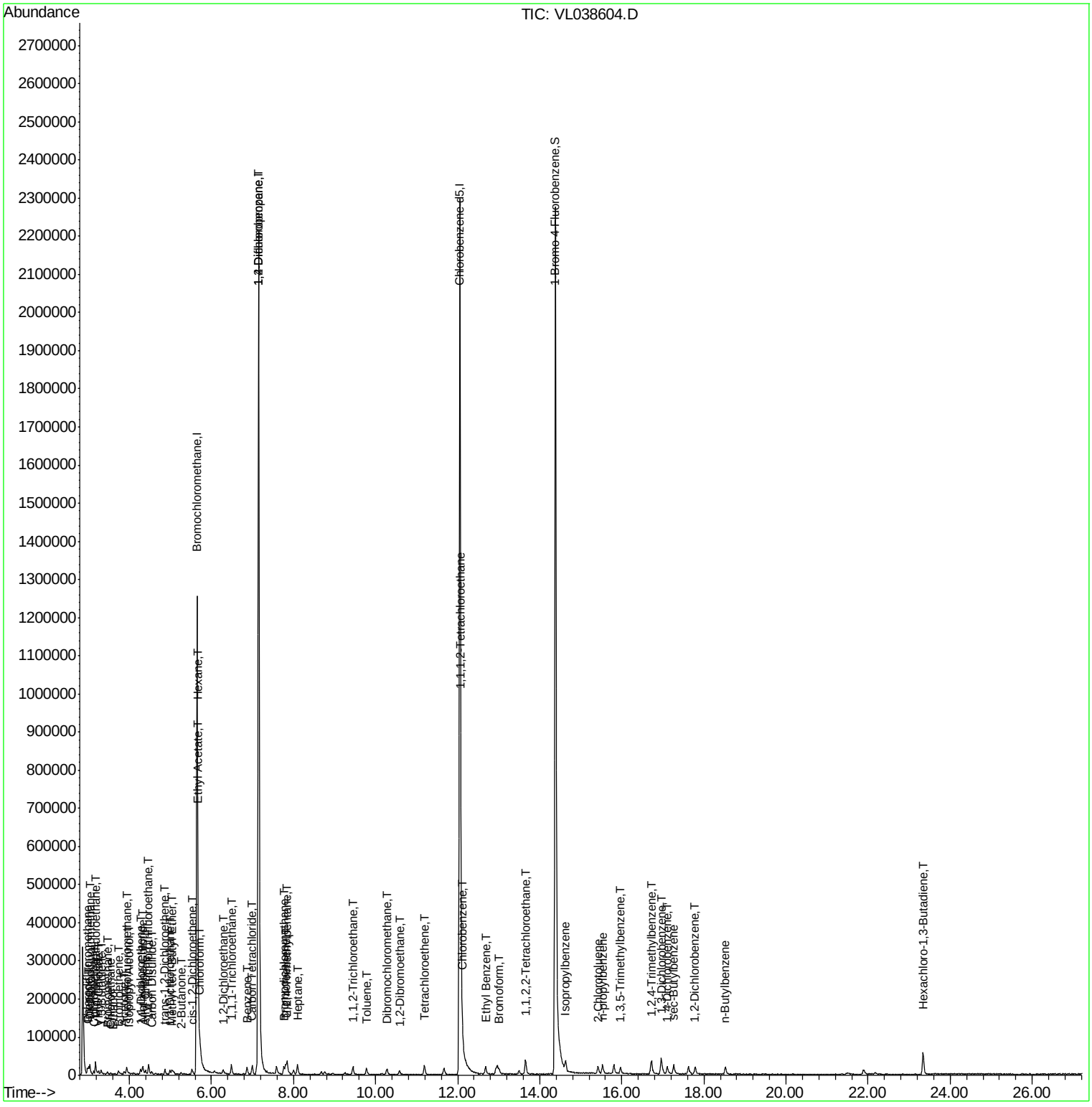
(#) = qualifier out of range (m) = manual integration (+) = signals summed

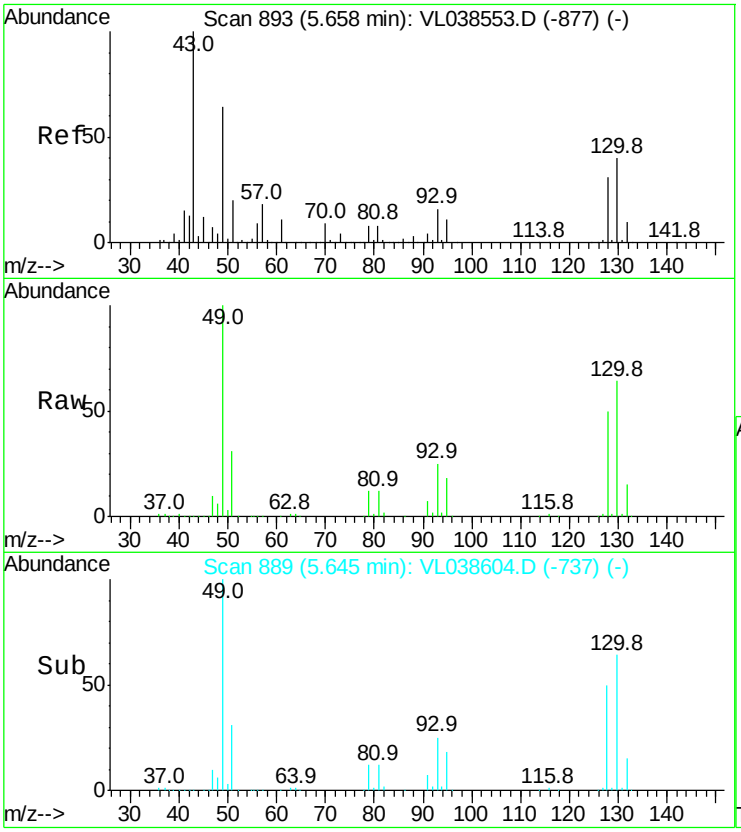
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038604.D
Acq On : 14 Mar 2022 20:05
Operator : SY/AP
Sample : N1645-14 0.1 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 15 01:43:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



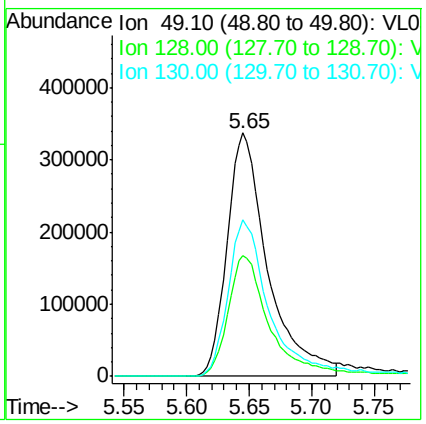


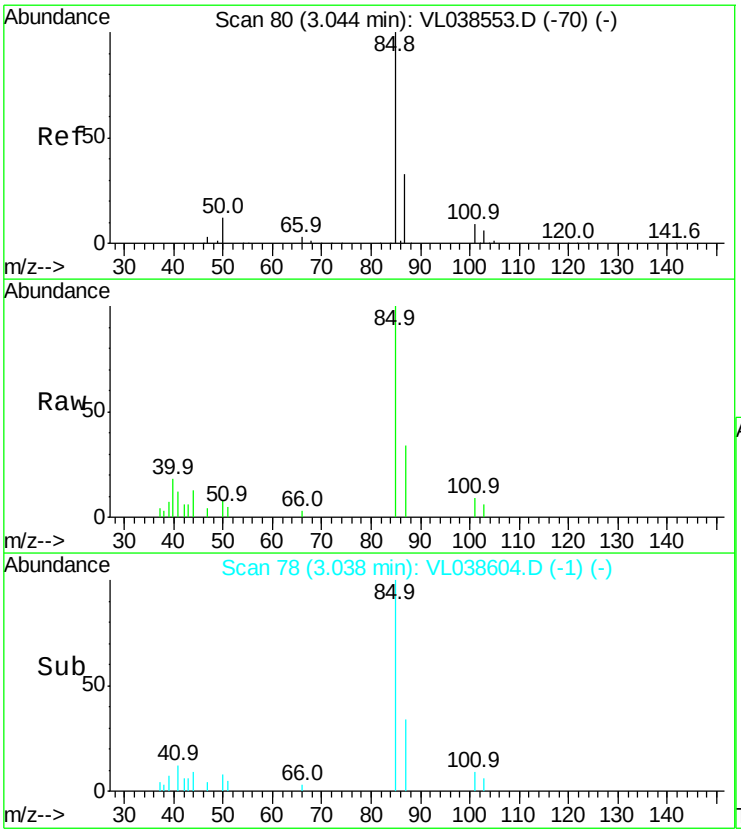
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 49 Resp: 761181

Ion	Ratio	Lower	Upper
49	100		
128	53.0	26.4	79.2
130	69.1	33.0	98.9

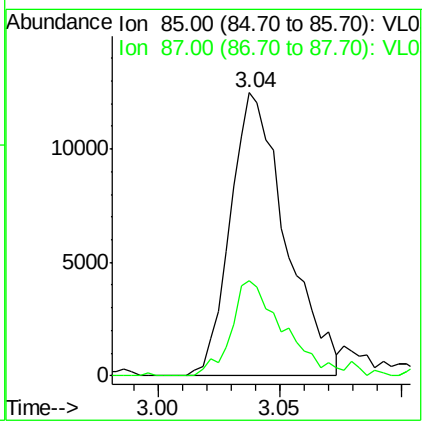


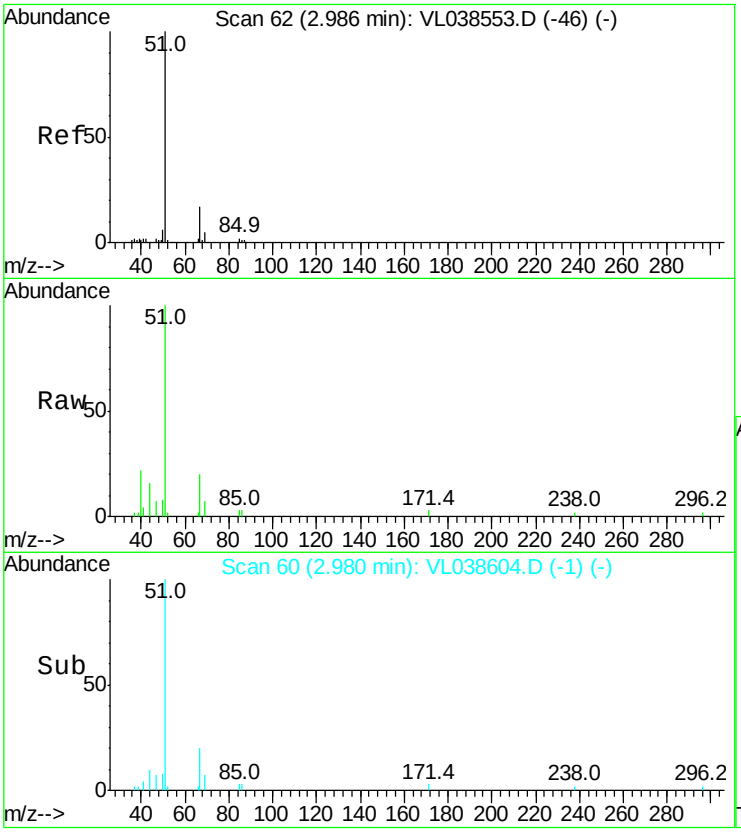


#2
Dichlorodifluoromethane
Concen: 0.17 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 85 Resp: 19685

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.2	39.2



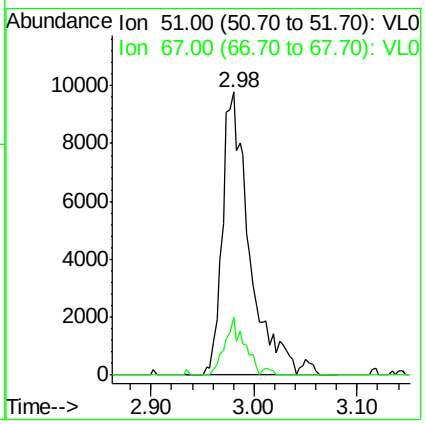


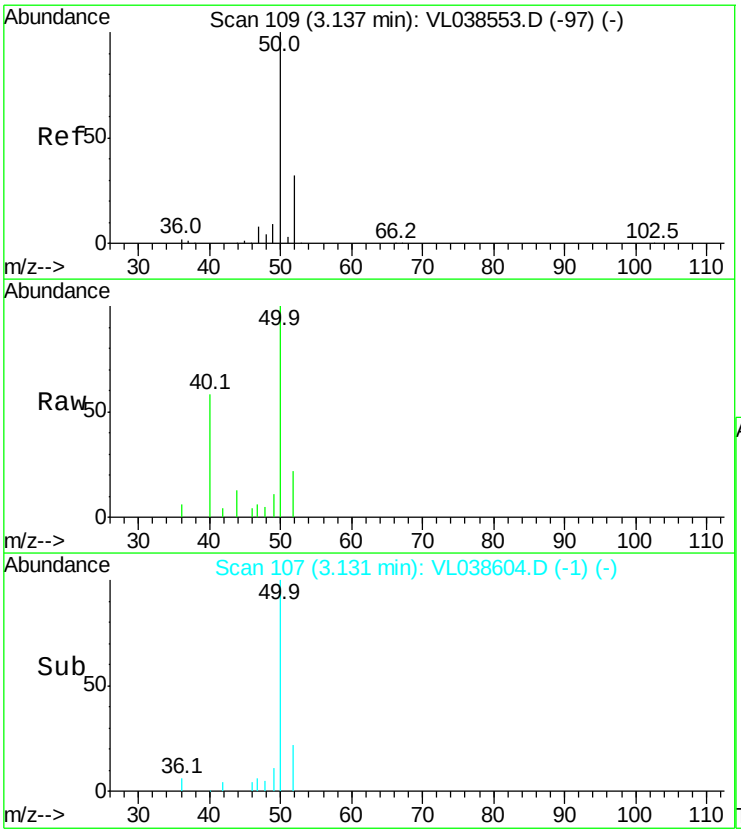
#3
Chlorodifluoromethane
Concen: 0.14 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 51 Resp: 18145

Ion	Ratio	Lower	Upper
51	100		
67	14.9	13.6	20.4

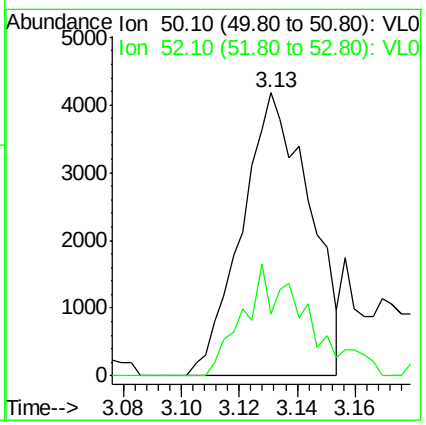


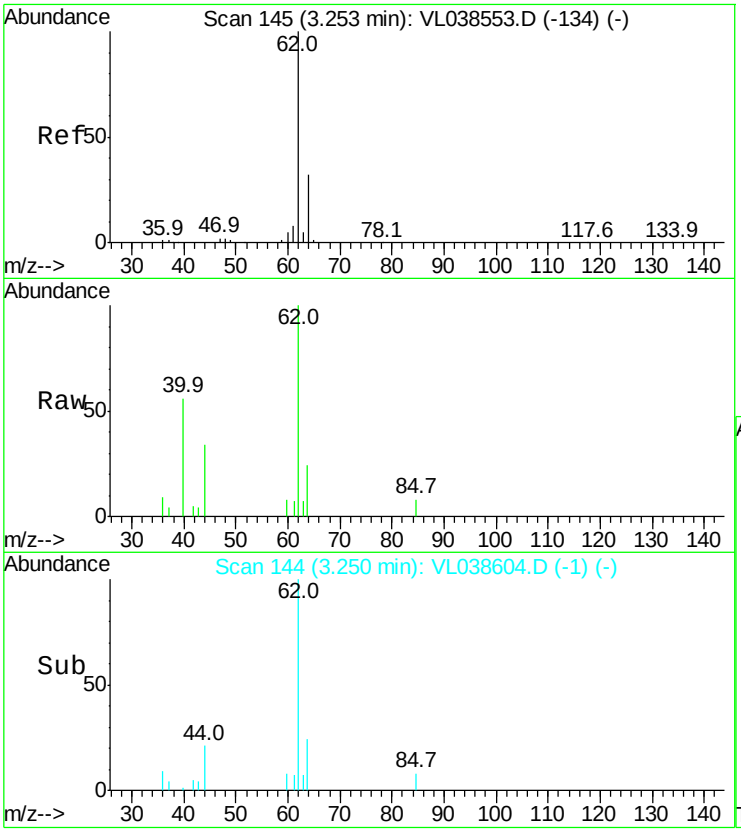


#4
Chloromethane
Concen: 0.14 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 50 Resp: 6810

Ion	Ratio	Lower	Upper
50	100		
52	21.8	25.6	38.4#



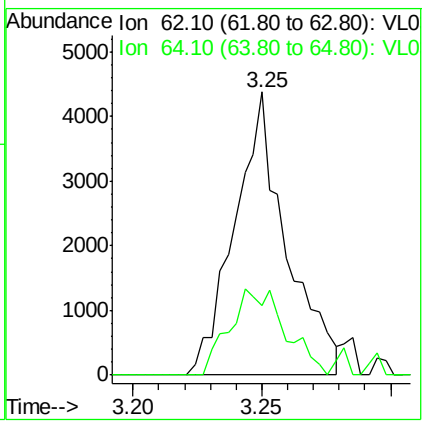


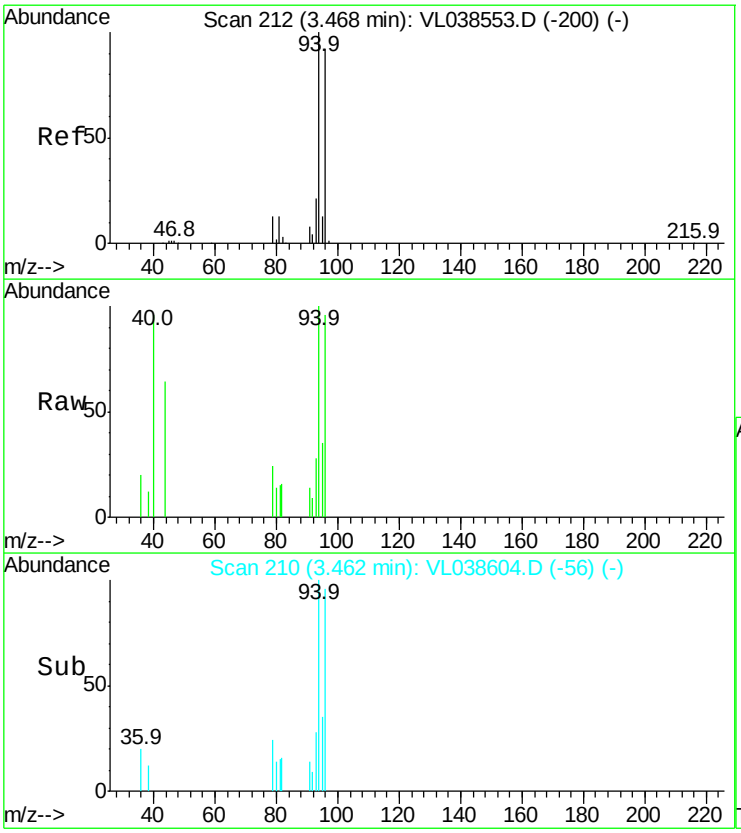
#5
Vinyl Chloride
Concen: 0.12 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 62 Resp: 6106

Ion	Ratio	Lower	Upper
62	100		
64	24.5	25.8	38.6#

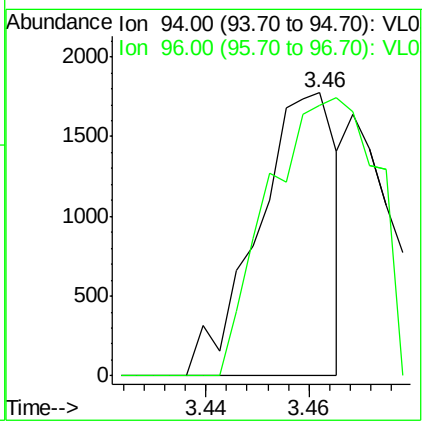


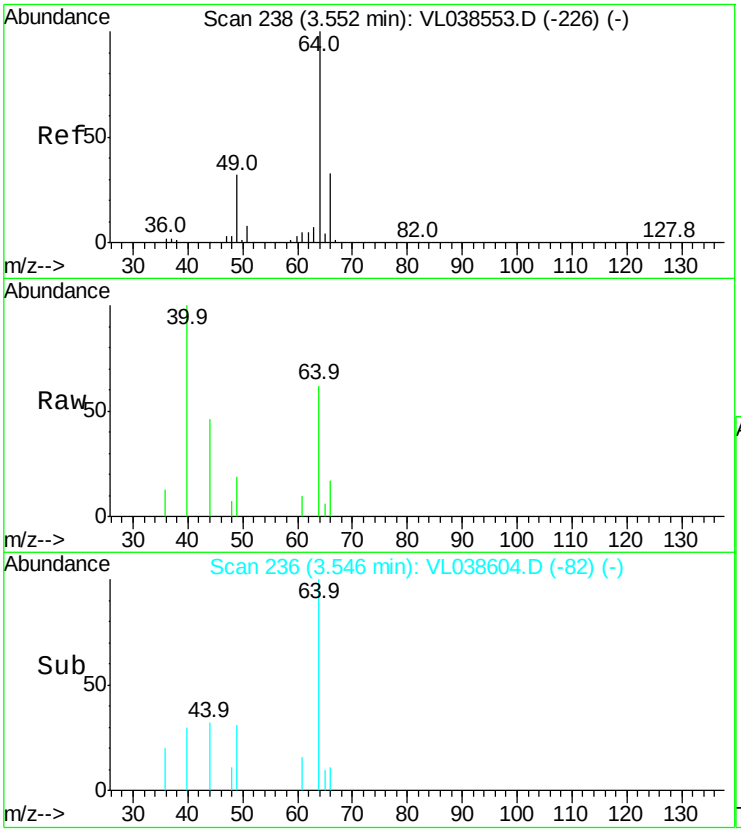


#6
Bromomethane
Concen: 0.07 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 94 Resp: 1860

Ion	Ratio	Lower	Upper
94	100		
96	95.7	73.7	110.5



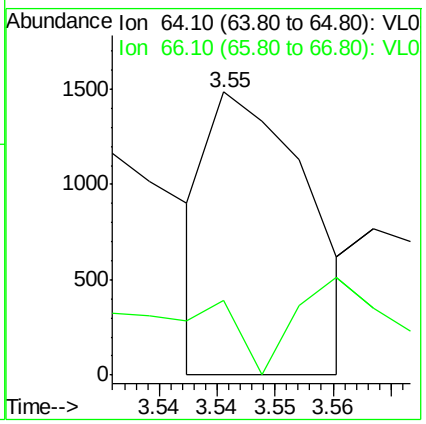


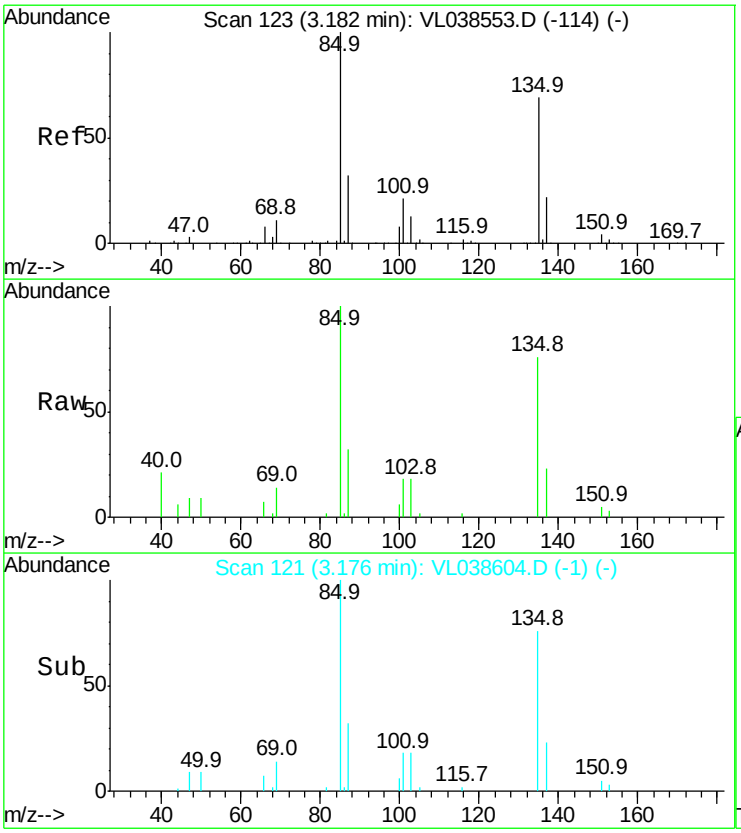
#7
Chloroethane
Concen: 0.05 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 64 Resp: 881

Ion	Ratio	Lower	Upper
64	100		
66	26.5	26.6	39.8#

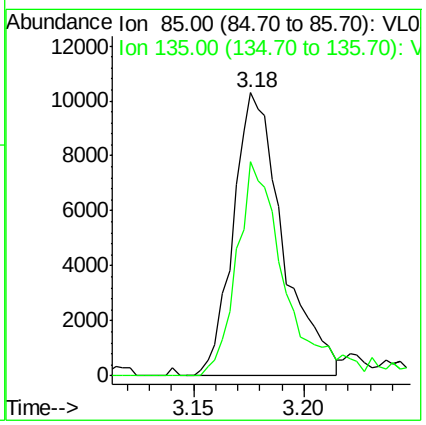


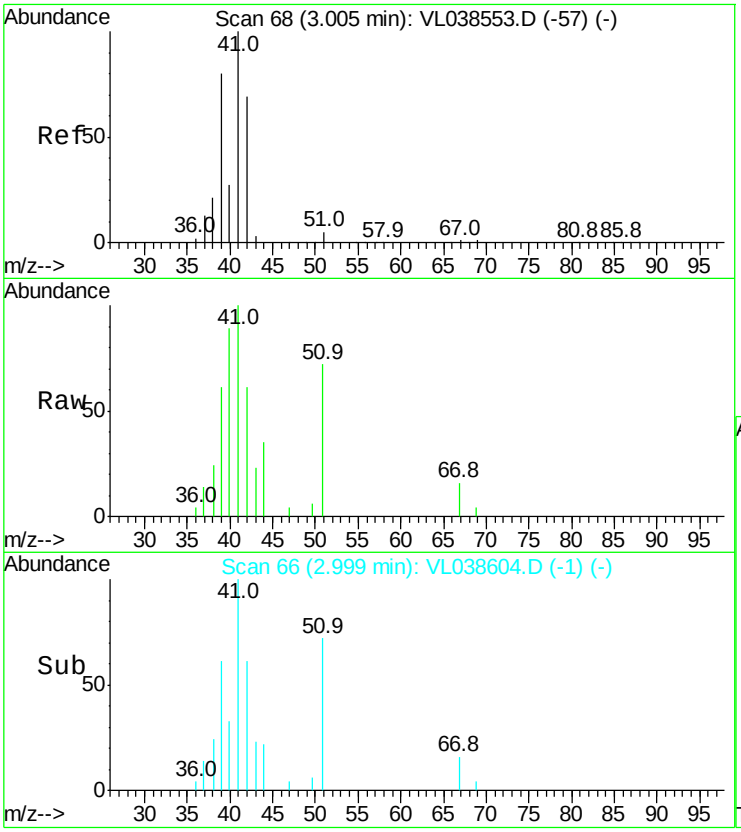


#8
Dichlorotetrafluoroethane
Concen: 0.14 ppbv
RT: 3.18 min Scan# 121
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 85 Resp: 16064

Ion	Ratio	Lower	Upper
85	100		
135	76.5	59.0	88.4



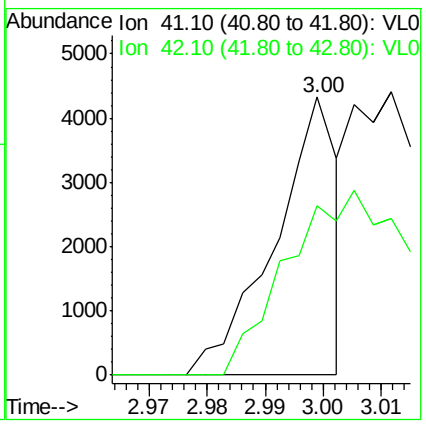


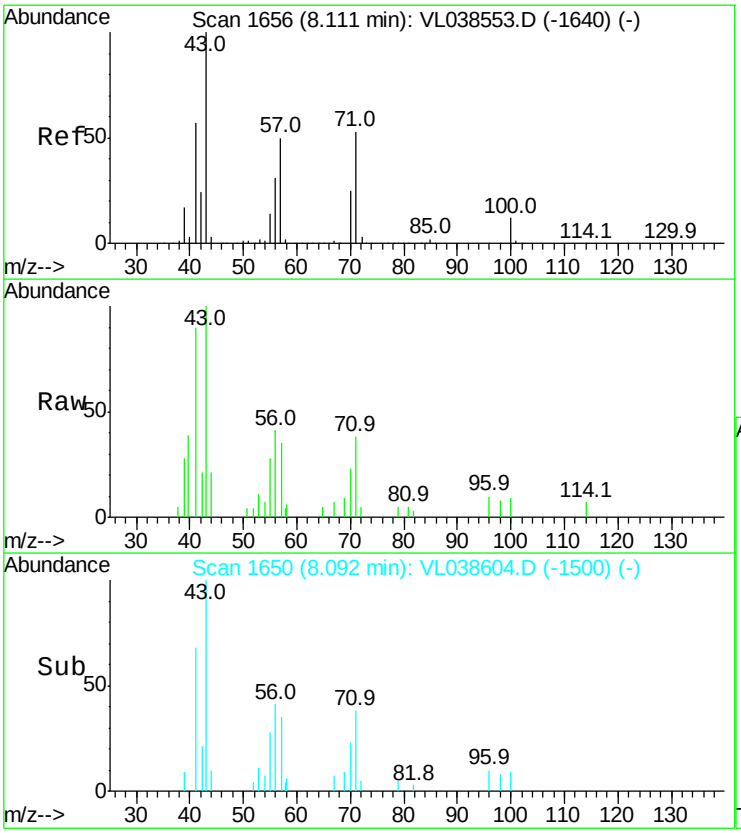
#9
Propene
Concen: 0.07 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 41 Resp: 3262

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.7	83.5#

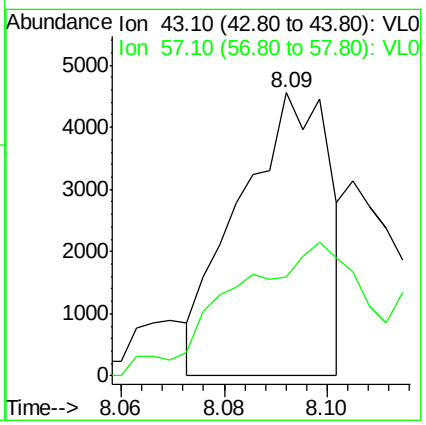


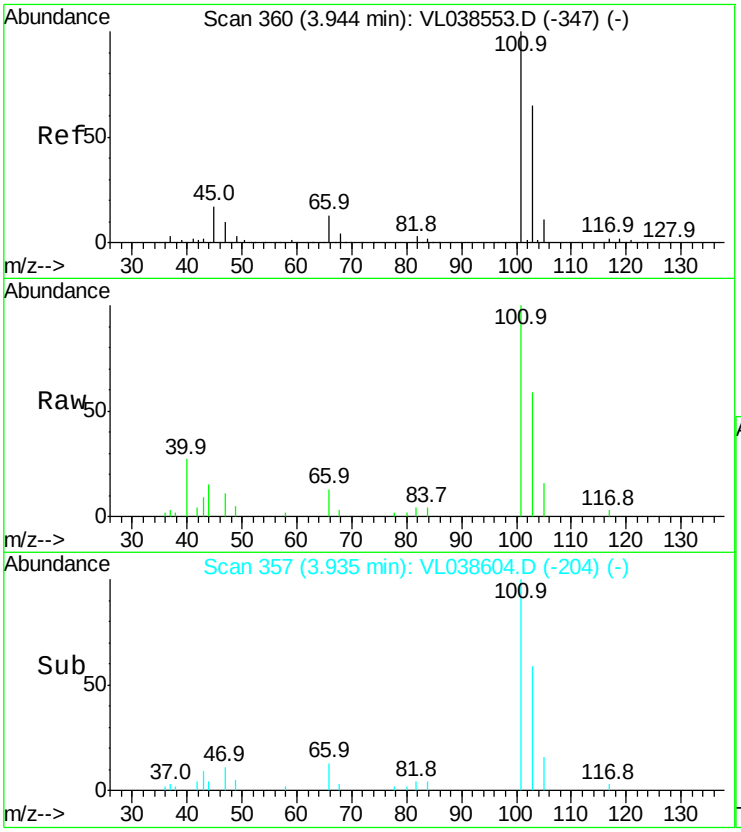


#10
Heptane
Concen: 0.05 ppbv
RT: 8.09 min Scan# 1650
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 43 Resp: 5561

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.6	59.4#



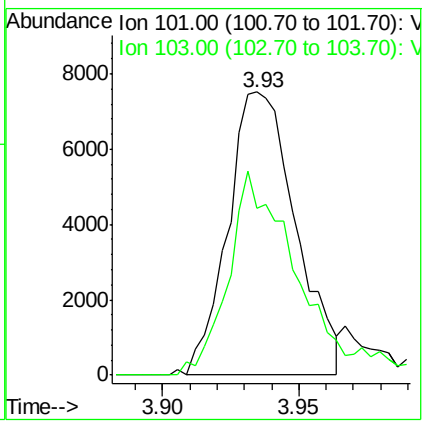


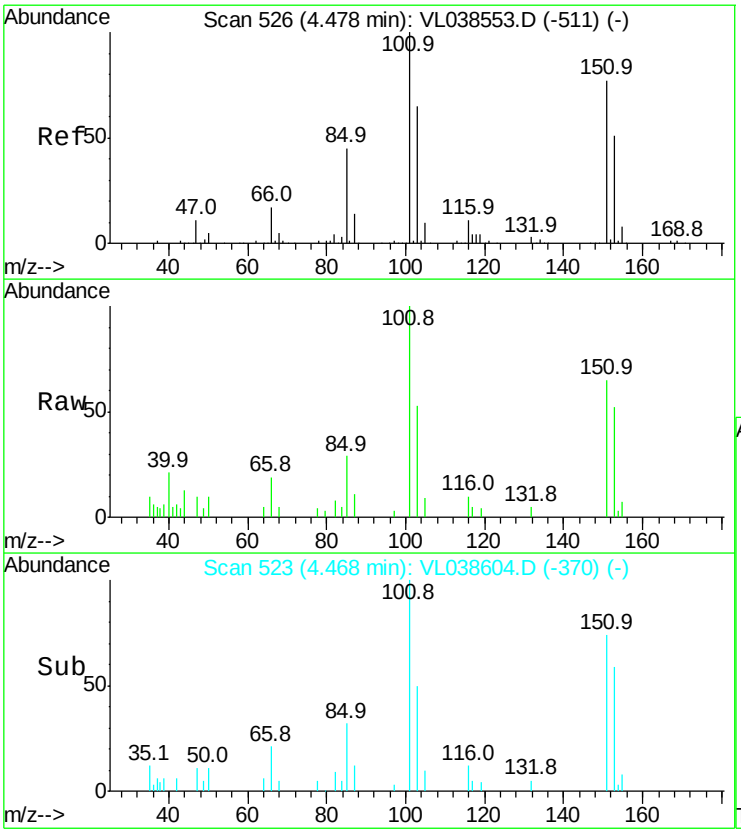
#11
Trichlorofluoromethane
Concen: 0.13 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:101 Resp: 12952

Ion	Ratio	Lower	Upper
101	100		
103	54.3	52.0	78.0

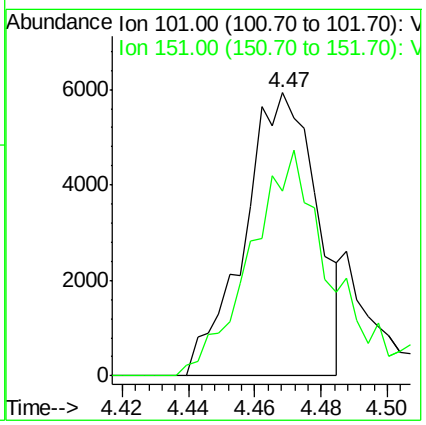


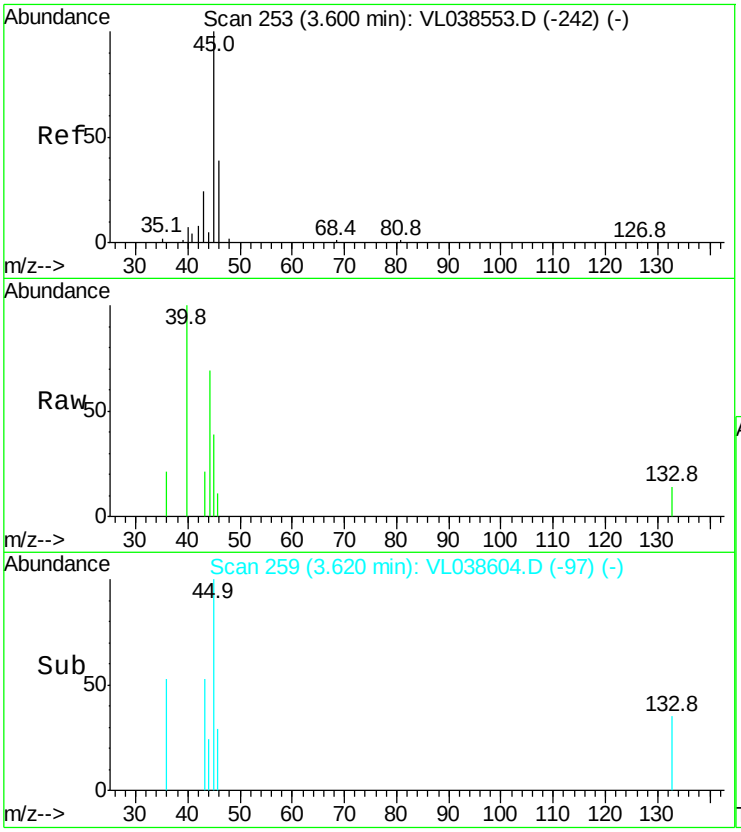


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.12 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:101 Resp: 9048

Ion	Ratio	Lower	Upper
101	100		
151	93.0	63.4	95.0



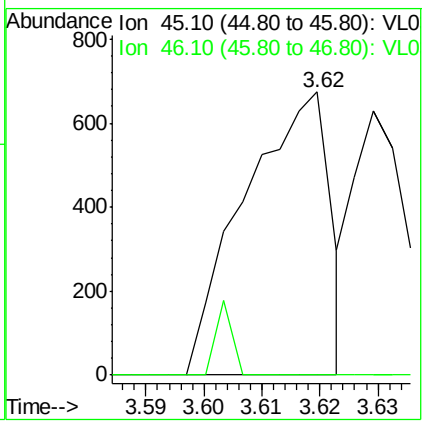


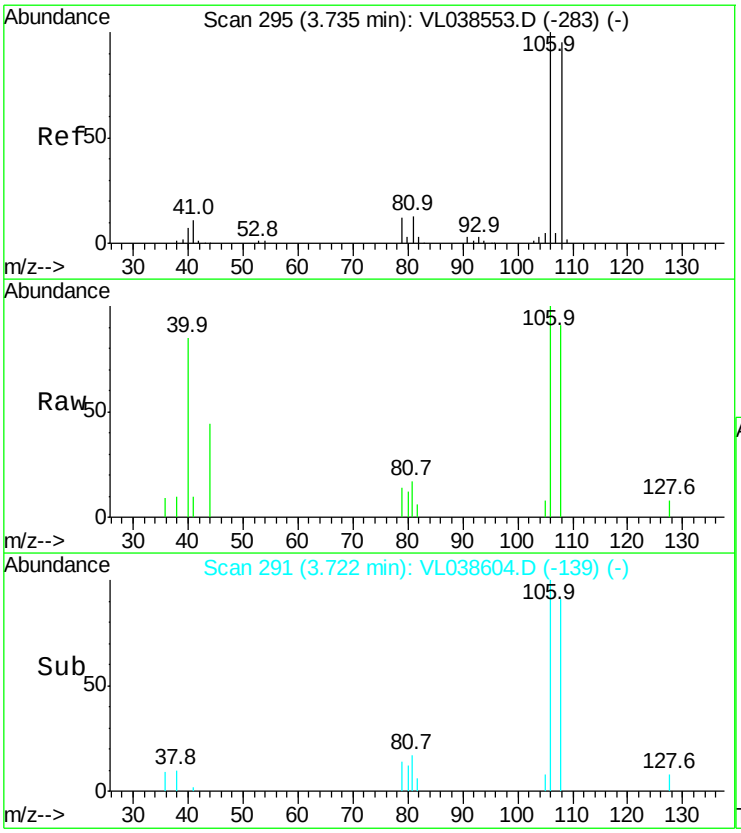
#13
Ethanol
Concen: 0.13 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 45 Resp: 693

Ion	Ratio	Lower	Upper
45	100		
46	4.9	16.8	67.0#

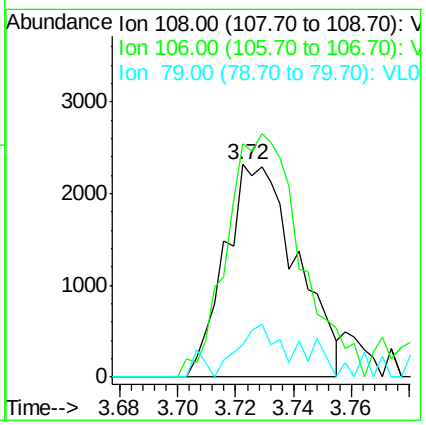


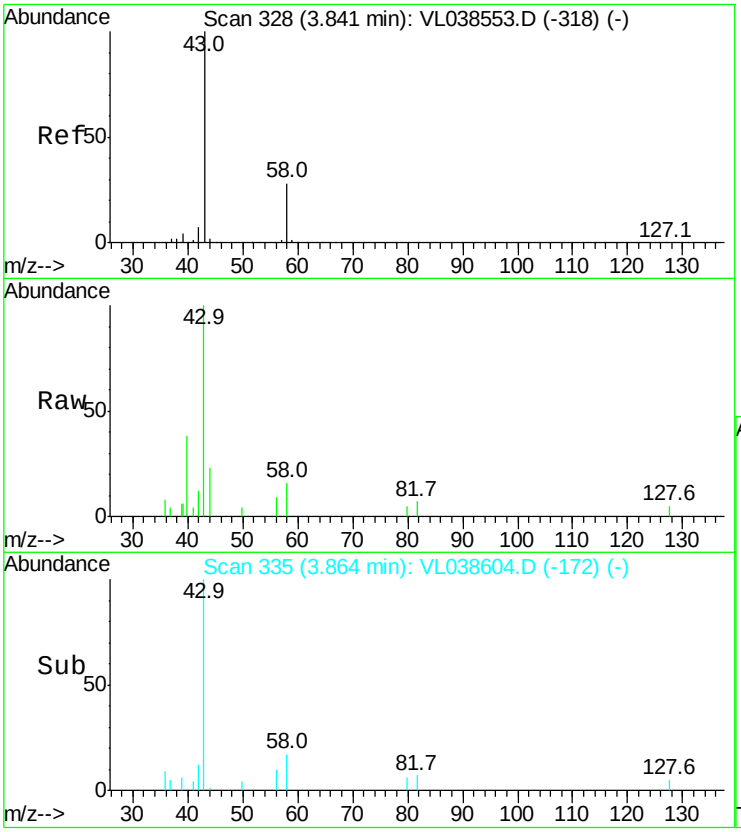


#14
Bromoethene
Concen: 0.12 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:108 Resp: 3989

Ion	Ratio	Lower	Upper
108	100		
106	125.4	85.9	128.9
79	23.5	11.0	16.6#



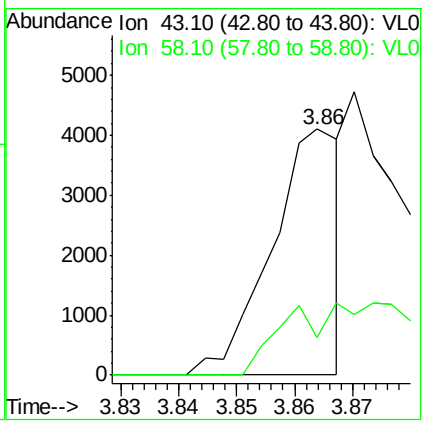


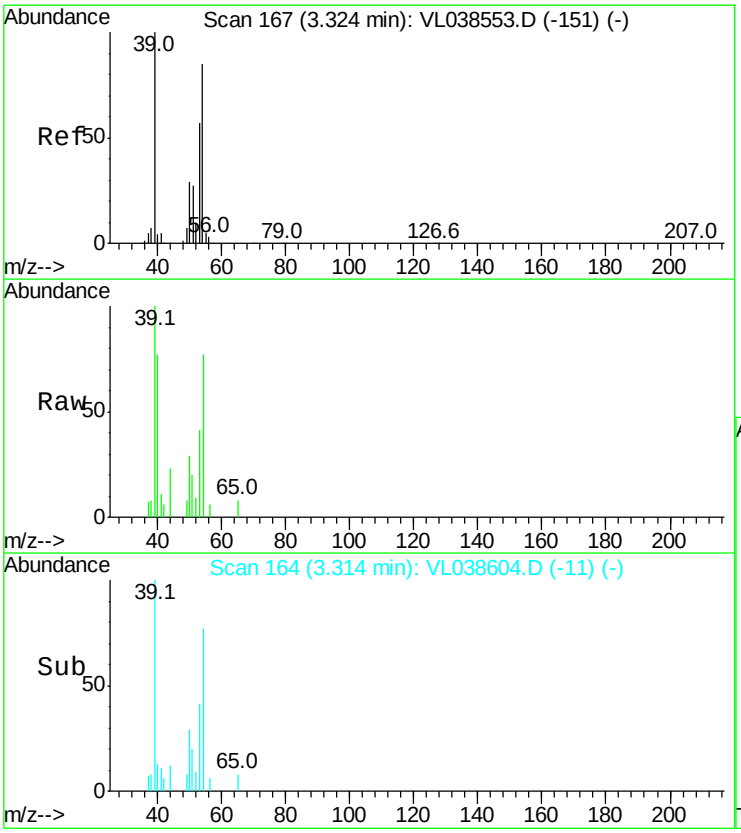
#15
Acetone
Concen: 0.06 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 43 Resp: 3391

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#

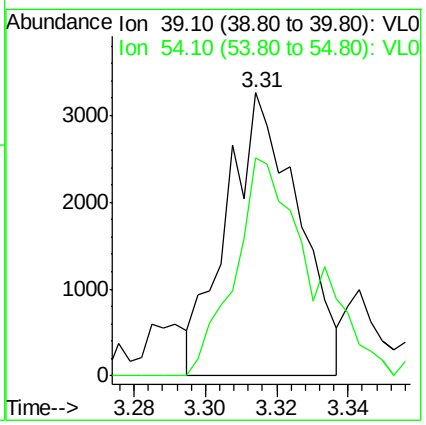


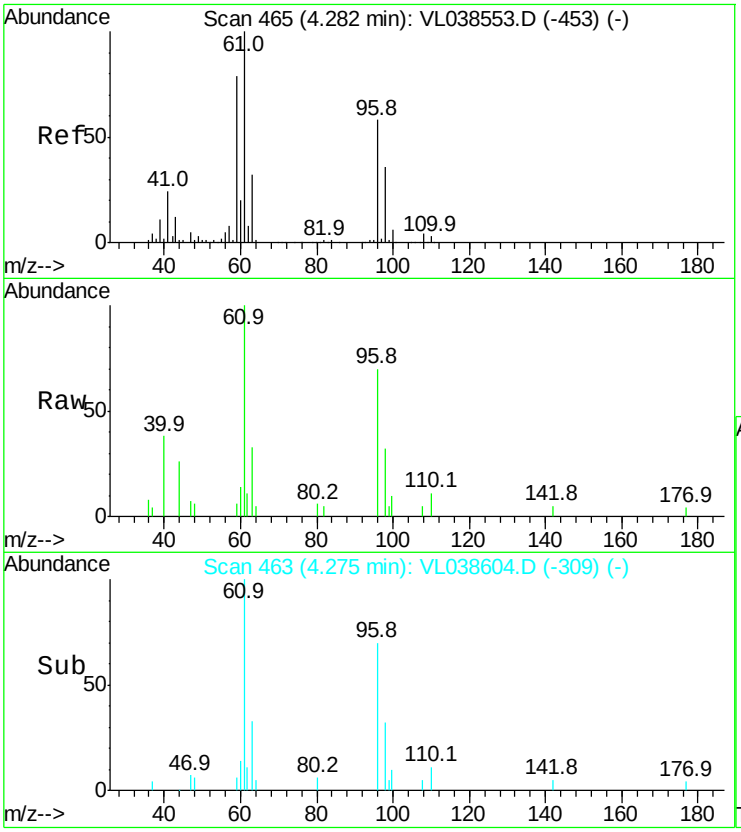


#16
1,3-Butadiene
Concen: 0.10 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 39 Resp: 4515

Ion	Ratio	Lower	Upper
39	100		
54	84.8	64.2	96.2



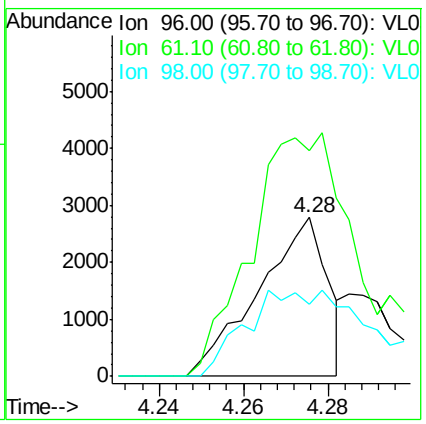


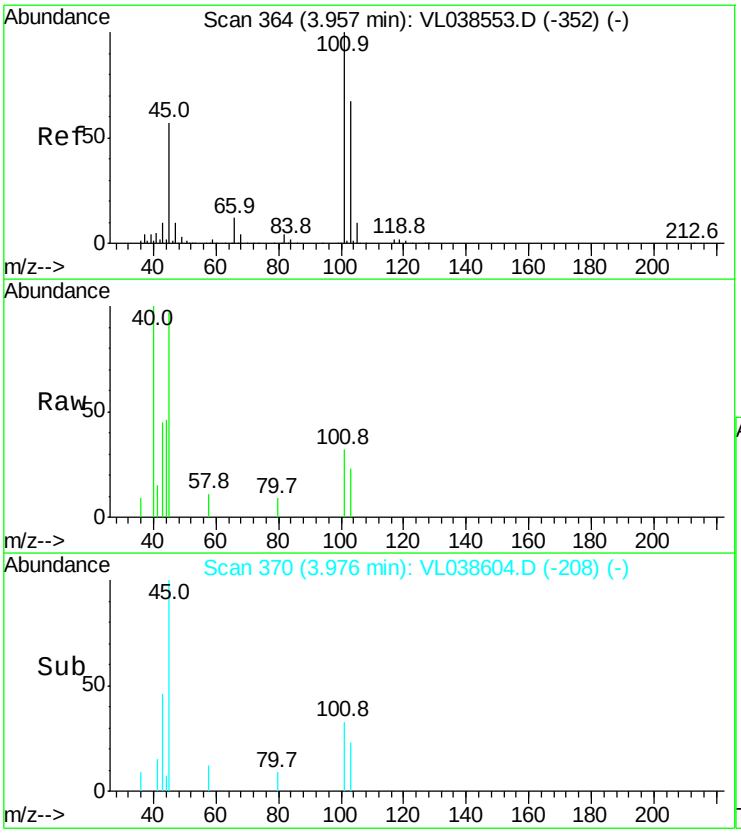
#18
1,1-Dichloroethene
Concen: 0.09 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 96 Resp: 3167

Ion	Ratio	Lower	Upper
96	100		
61	157.7	137.4	206.0
98	45.5	49.3	73.9#

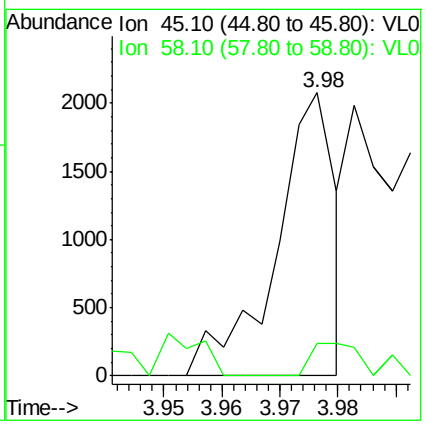


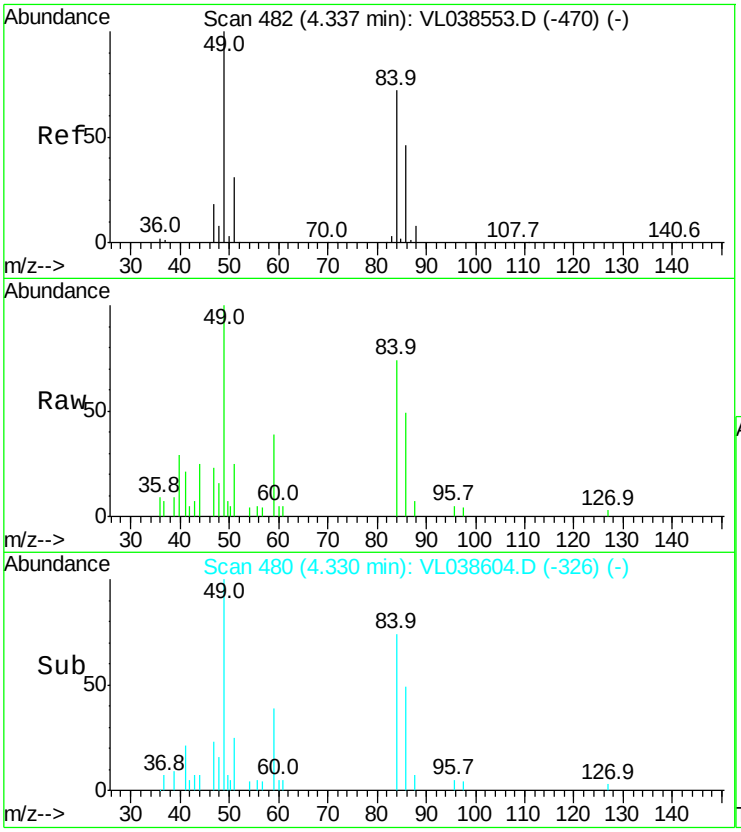


#19
Isopropyl Alcohol
Concen: 0.04 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 45 Resp: 1479

Ion	Ratio	Lower	Upper
45	100		
58	37.1	2.2	3.2#



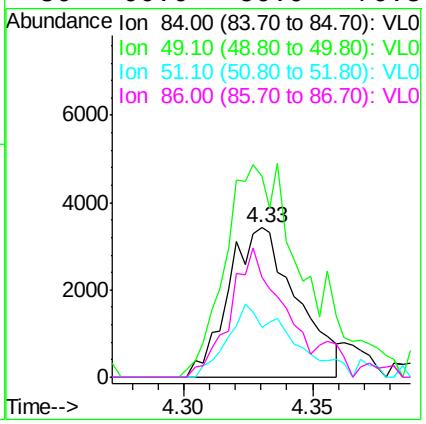


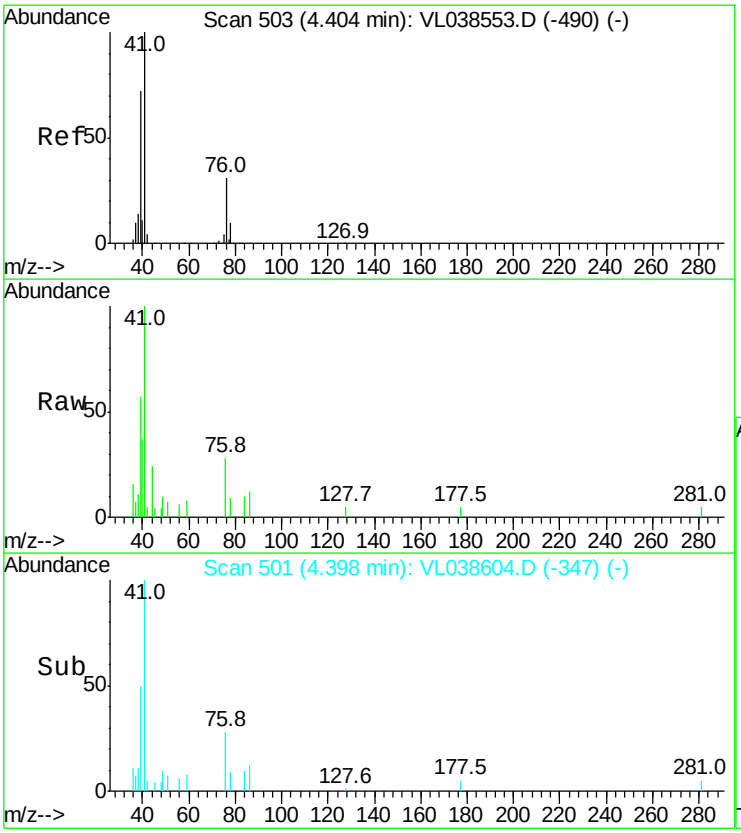
#20
Methylene Chloride
Concen: 0.20 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 84 Resp: 6353

Ion	Ratio	Lower	Upper
84	100		
49	138.8	111.1	166.7
51	33.8	34.0	51.0#
86	66.6	50.9	76.3

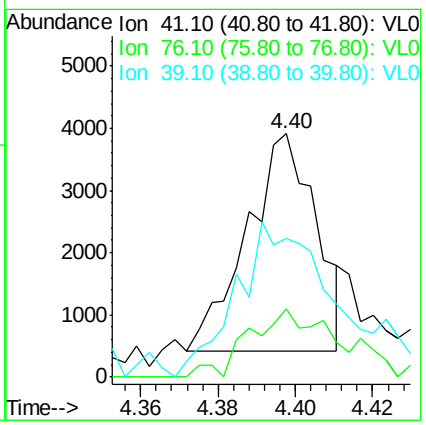


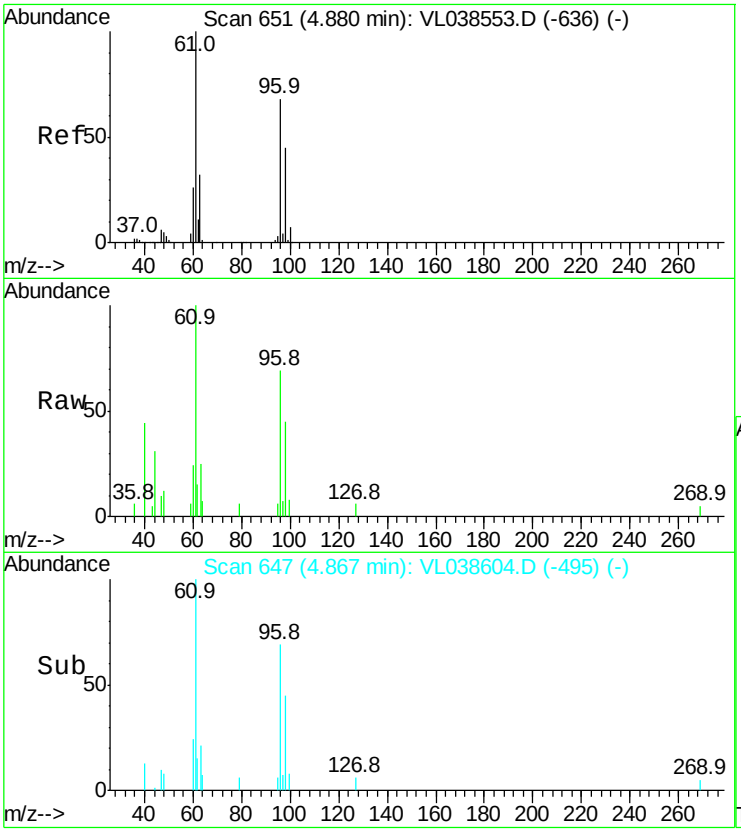


#21
Allyl Chloride
Concen: 0.08 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 41 Resp: 4360

Ion	Ratio	Lower	Upper
41	100		
76	42.6	24.3	36.5#
39	116.5	57.1	85.7#



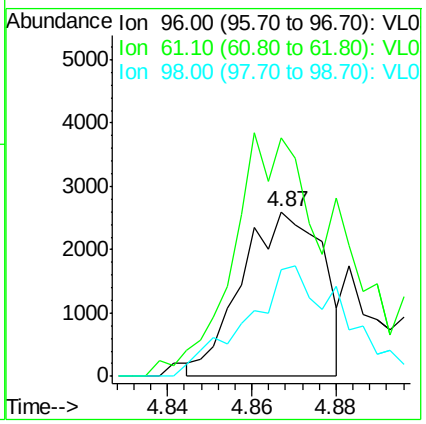


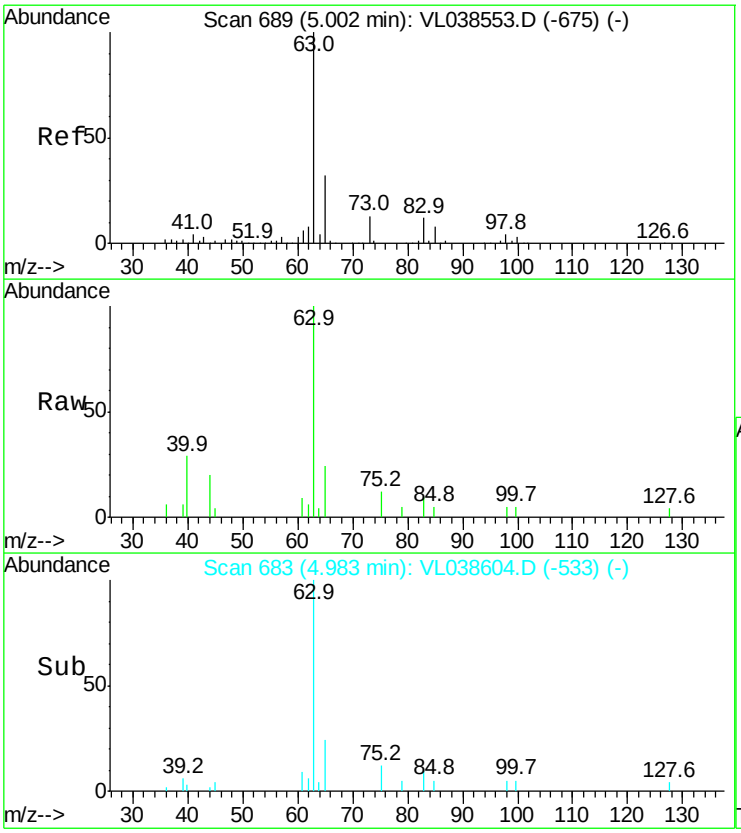
#22
trans-1,2-Dichloroethene
Concen: 0.09 ppbv
RT: 4.87
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 96 Resp: 3481

Ion	Ratio	Lower	Upper
96	100		
61	140.3	117.6	176.4
98	63.0	52.6	78.8

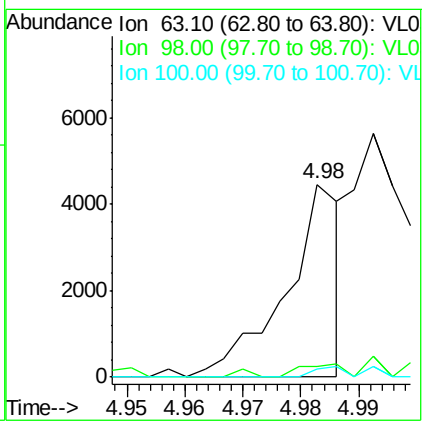


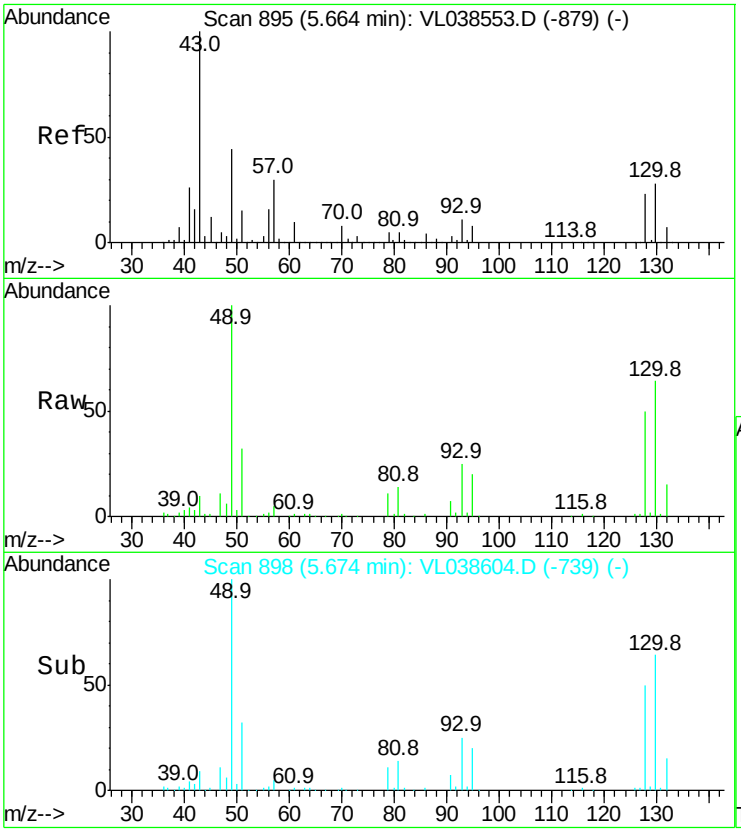


#24
1,1-Dichloroethane
Concen: 0.04 ppbv
RT: 4.98 min Scan# 683
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 63 Resp: 2927

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.2	6.6
100	4.3	1.5	4.5



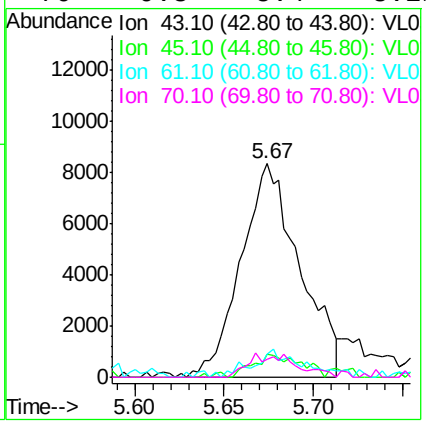


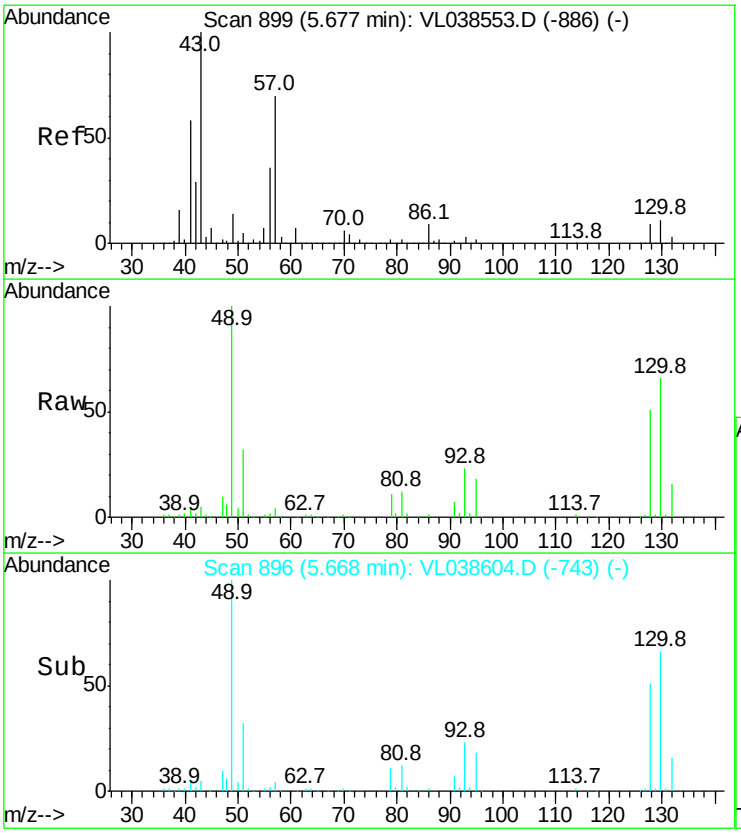
#25
Ethyl Acetate
Concen: 0.11 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 43 Resp: 19082

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.0	12.0
61	12.1	8.2	12.4
70	9.3	5.4	8.2#

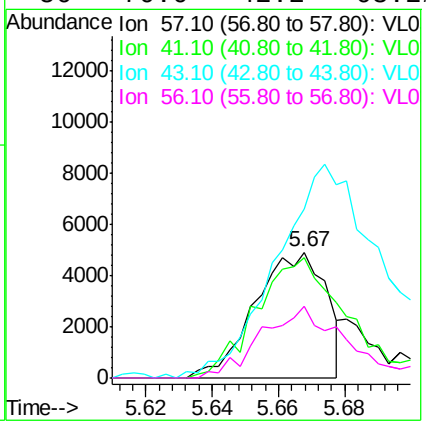


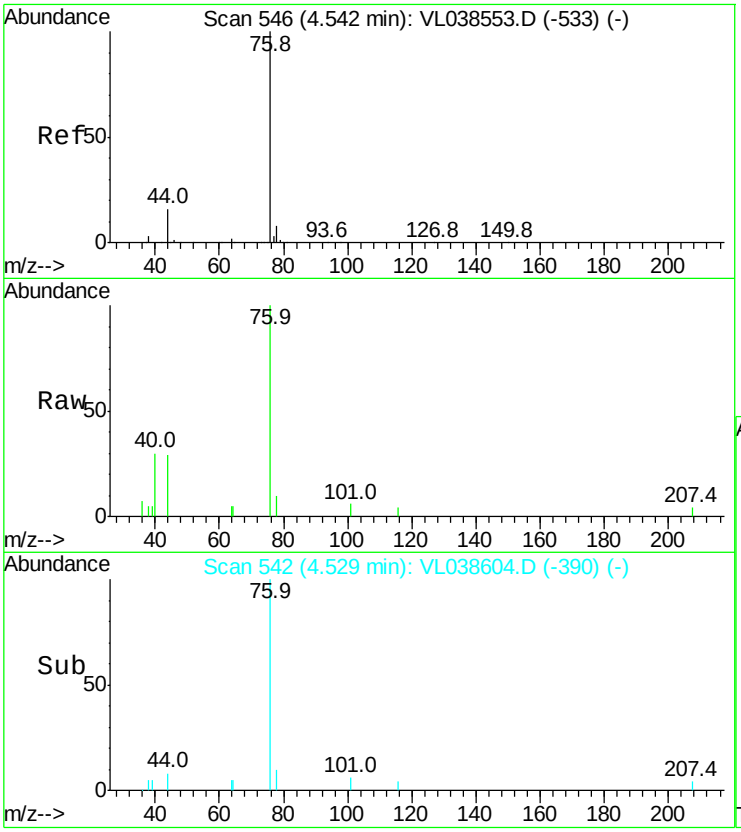


#26
Hexane
Concen: 0.09 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 57 Resp: 7343

Ion	Ratio	Lower	Upper
57	100		
41	132.3	67.8	101.6#
43	0.0	173.6	260.4#
56	70.0	42.2	63.2#



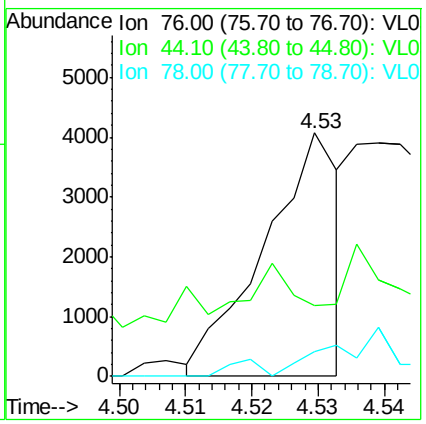


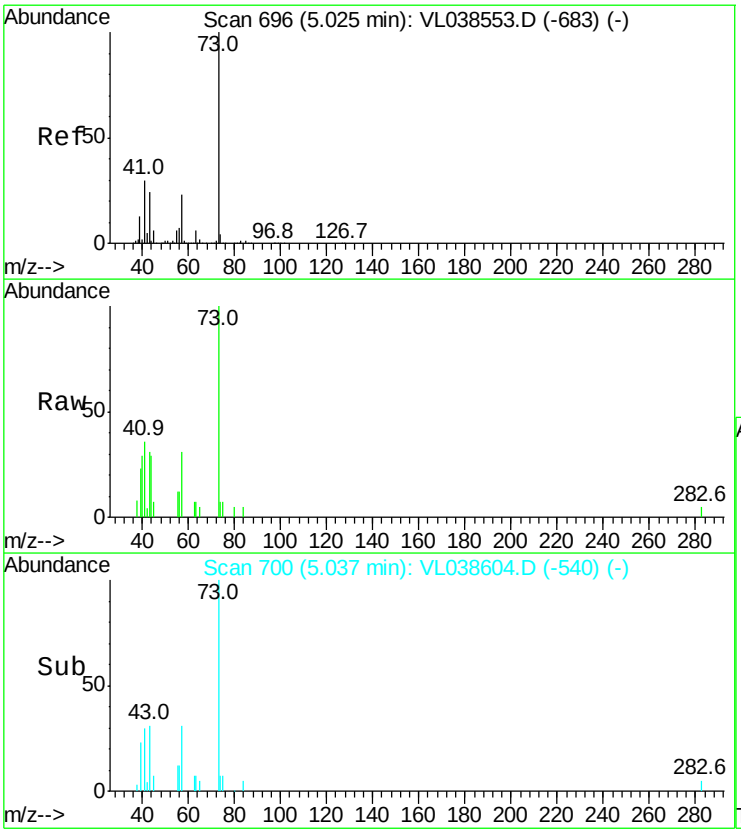
#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 76 Resp: 3205

Ion	Ratio	Lower	Upper
76	100		
44	0.0	12.9	19.3#
78	0.0	7.8	11.6#

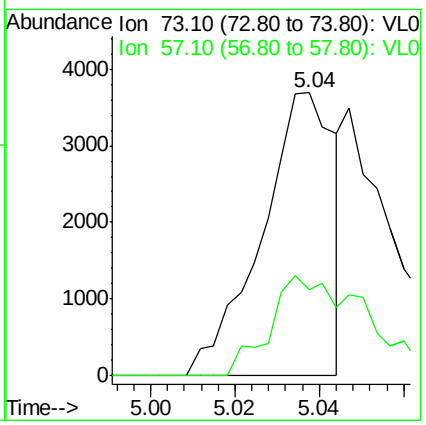


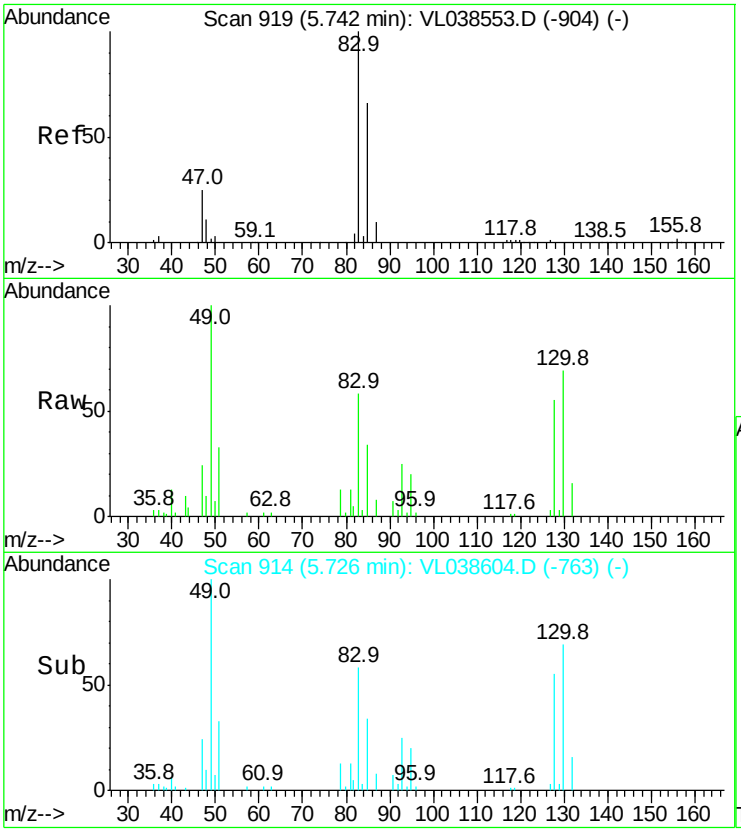


#28
Methyl tert-Butyl Ether
Concen: 0.06 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 73 Resp: 4414

Ion	Ratio	Lower	Upper
73	100		
57	54.5	18.8	28.2#



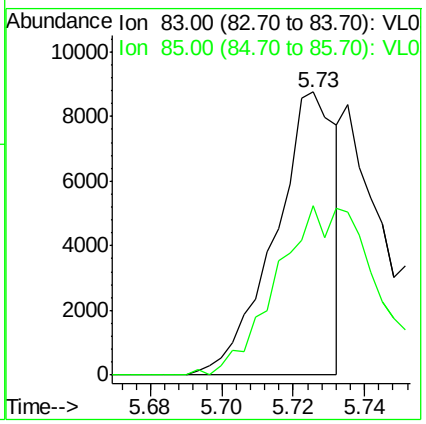


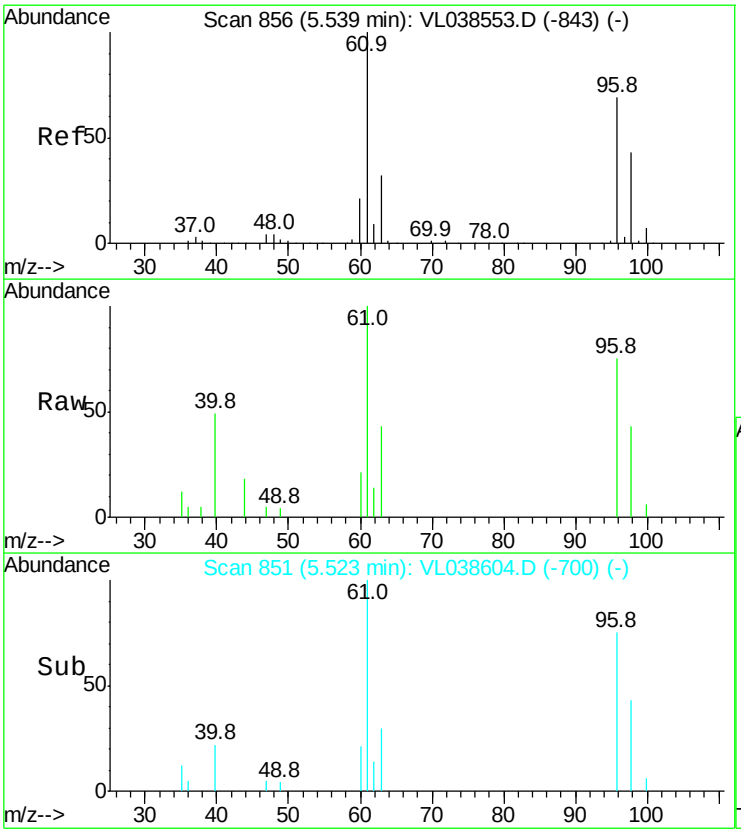
#29
Chloroform
Concen: 0.08 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 83 Resp: 10319

Ion	Ratio	Lower	Upper
83	100		
85	59.7	52.8	79.2

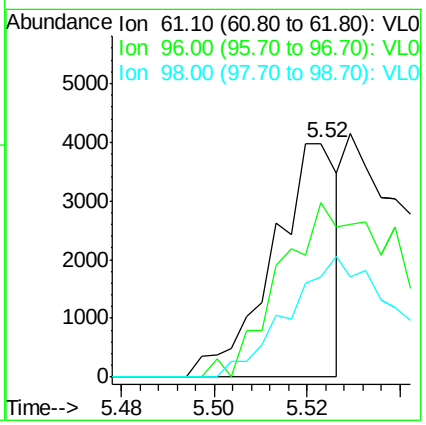


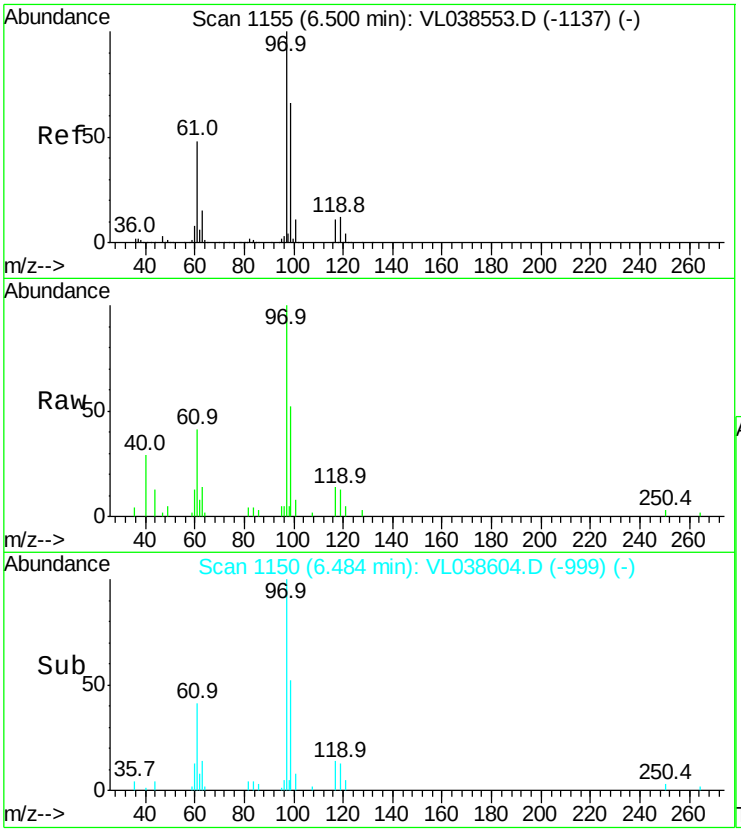


#31
cis-1,2-Dichloroethene
Concen: 0.05 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 61 Resp: 3859

Ion	Ratio	Lower	Upper
61	100		
96	78.1	55.2	82.8
98	44.9	34.2	51.4



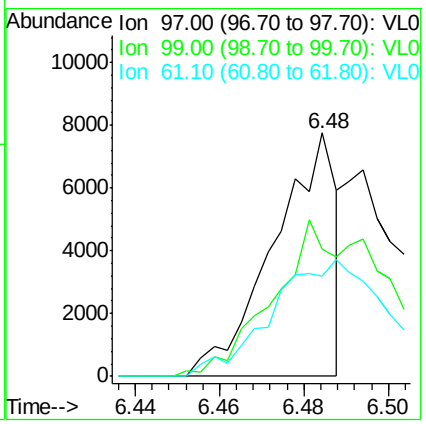


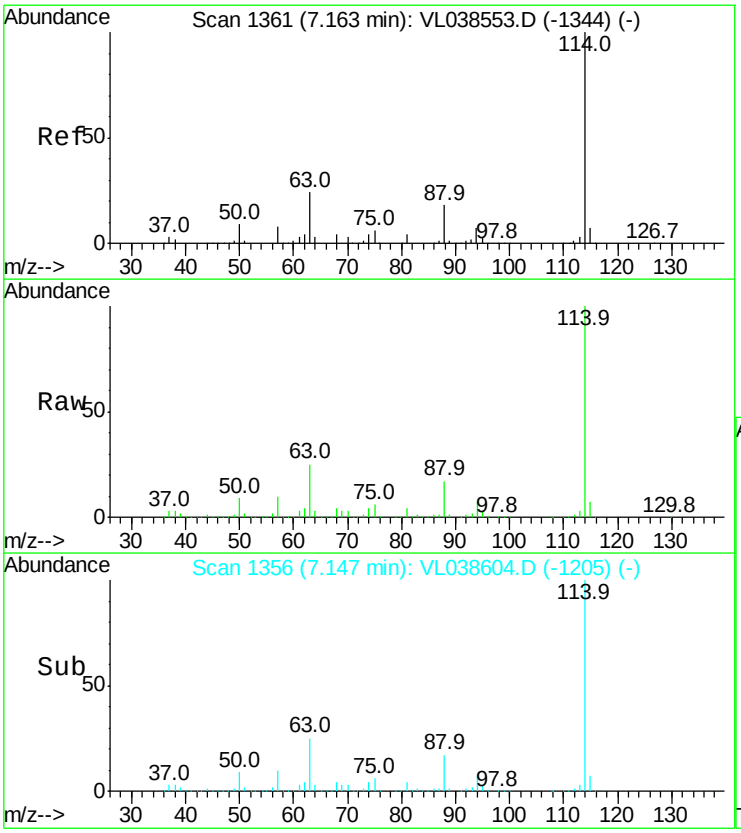
#32
1,1,1-Trichloroethane
Concen: 0.06 ppbv
RT: 6.48
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 97 Resp: 8000

Ion	Ratio	Lower	Upper
97	100		
99	121.2	52.1	78.1#
61	94.5	37.7	56.5#

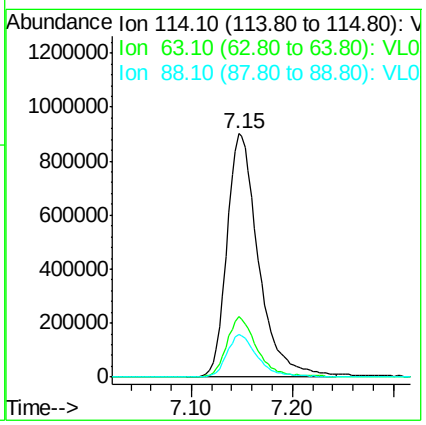


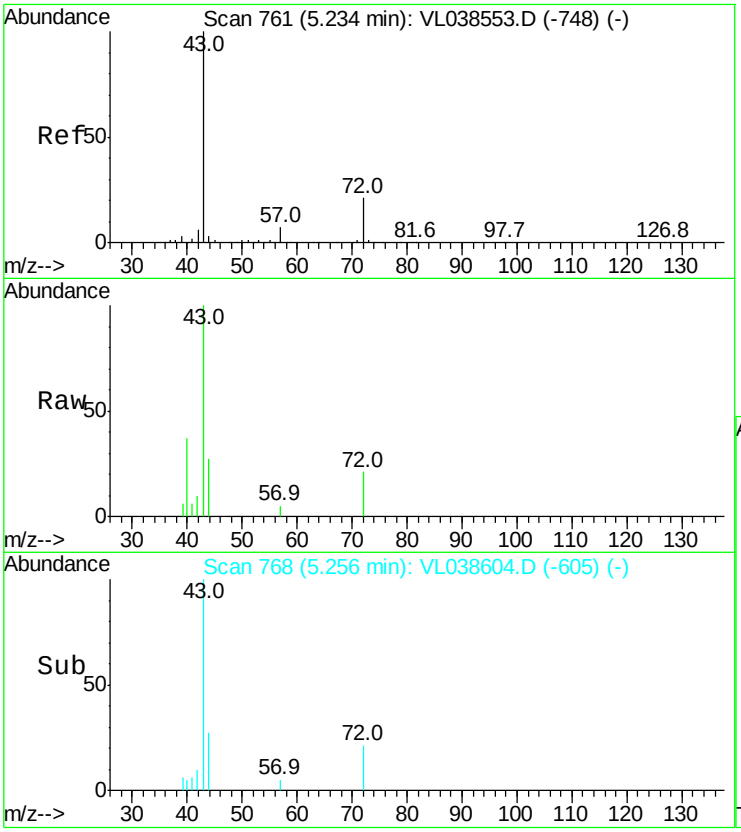


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:114 Resp: 1968453

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.2	13.9	20.9



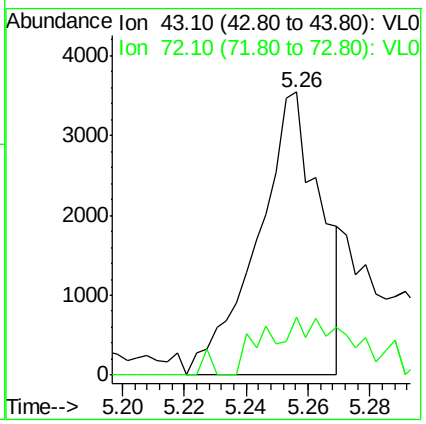


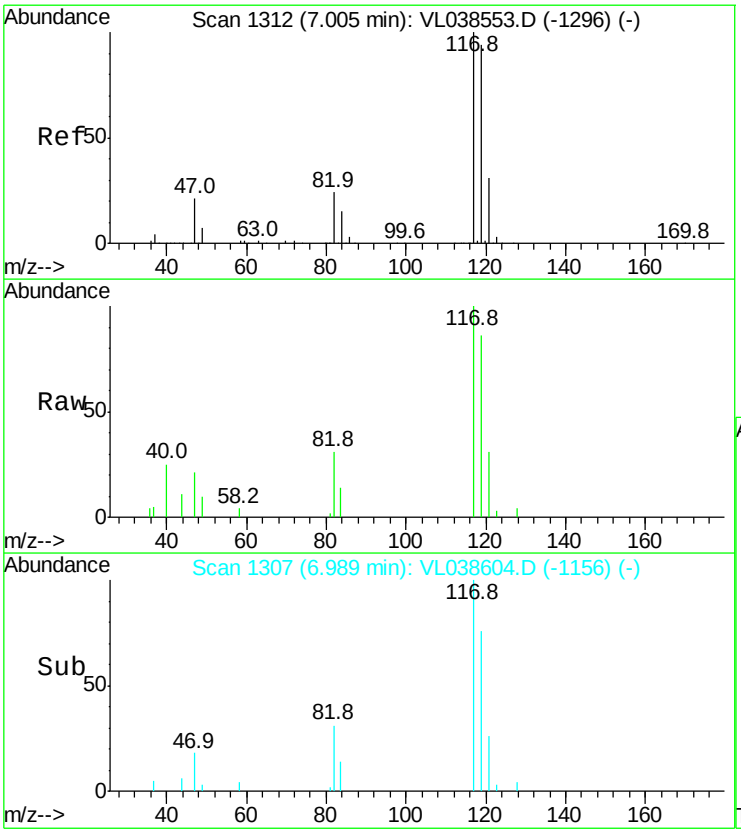
#34
2-Butanone
Concen: 0.10 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 43 Resp: 5016

Ion	Ratio	Lower	Upper
43	100		
72	30.3	17.8	26.6#

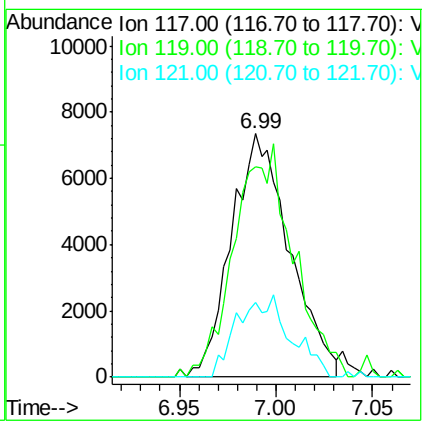


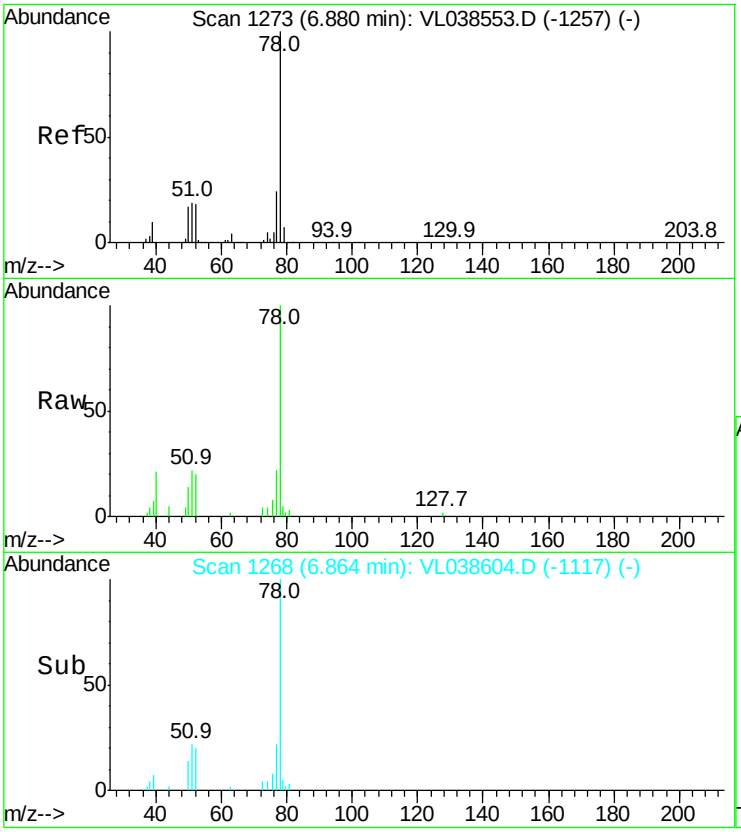


#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 6.99 min Scan# 1307
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:117 Resp: 15389

Ion	Ratio	Lower	Upper
117	100		
119	86.2	75.2	112.8
121	30.6	24.8	37.2



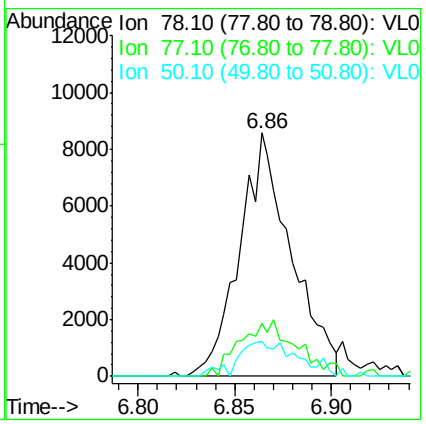


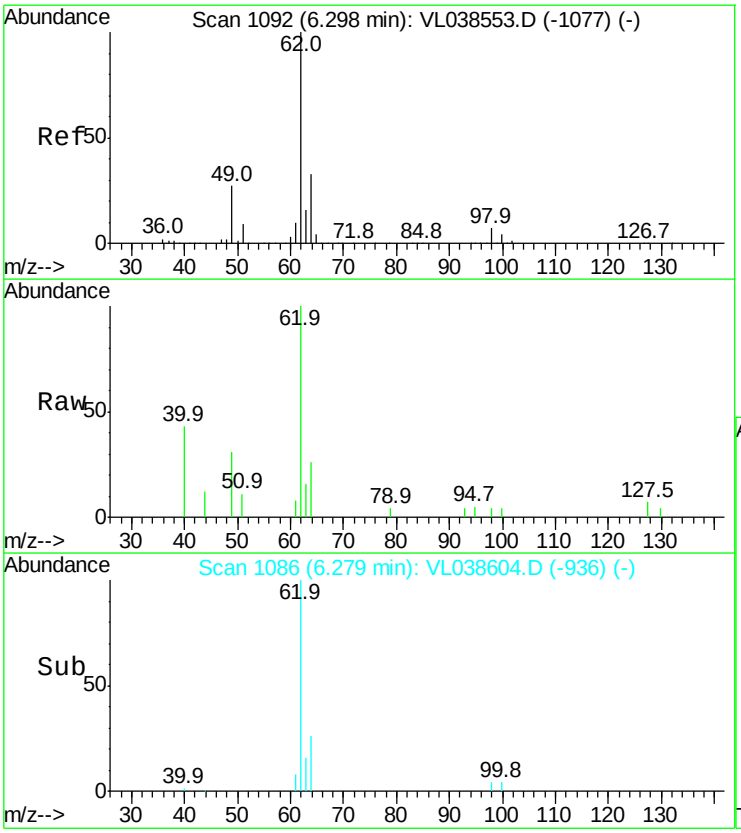
#36
Benzene
Concen: 0.09 ppbv
RT: 6.86
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 78 Resp: 15944

Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.0	28.4
50	14.3	13.9	20.9

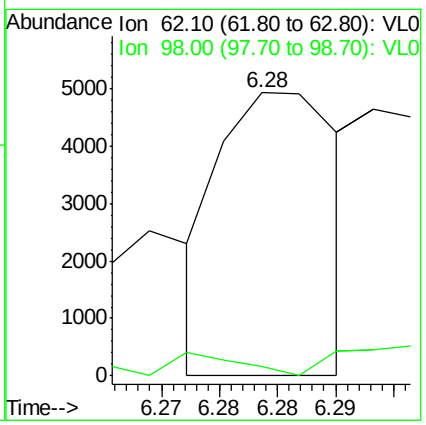


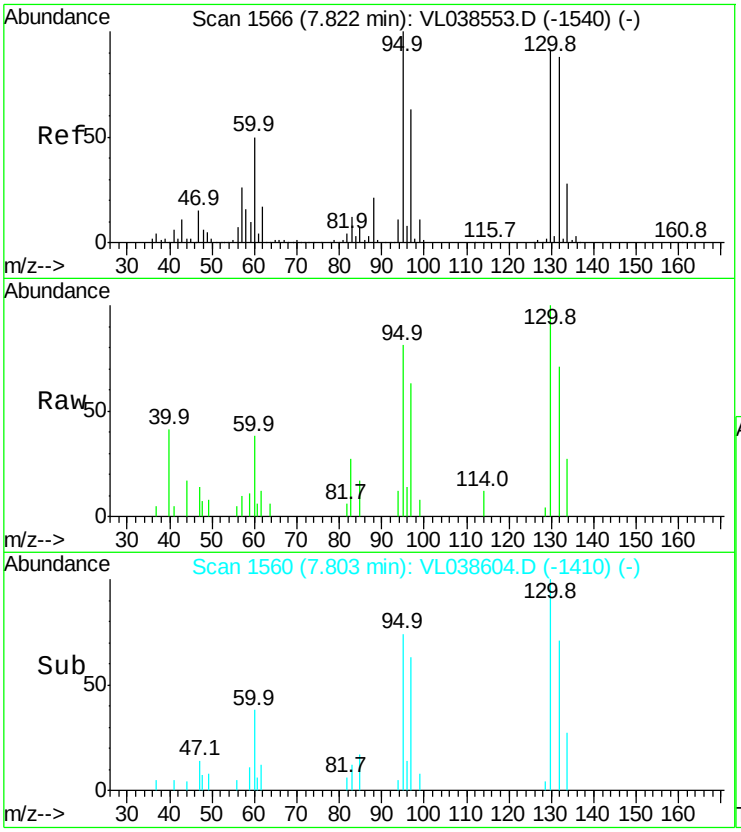


#37
1,2-Dichloroethane
Concen: 0.04 ppbv
RT: 6.28 min Scan# 1086
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 62 Resp: 3500

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#



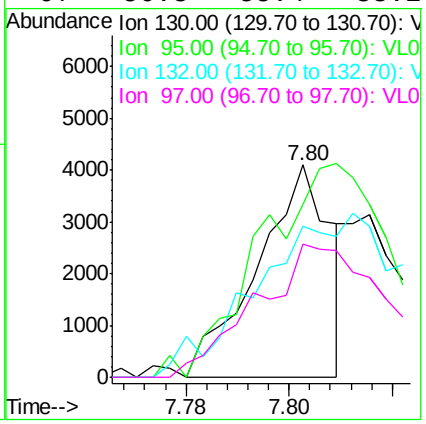


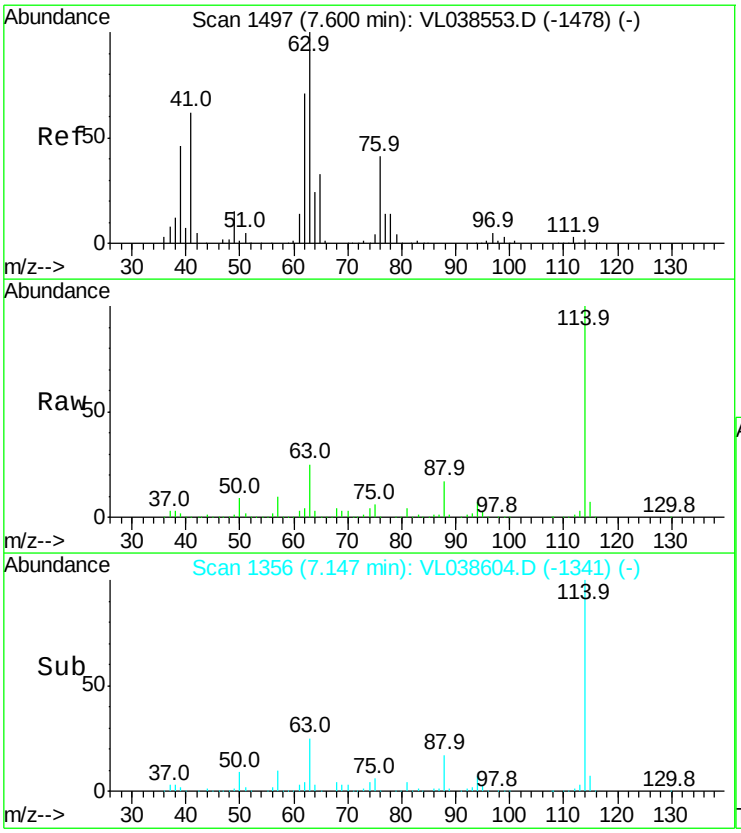
#38
Trichloroethene
Concen: 0.06 ppbv
RT: 7.80
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:130 Resp: 4026

Ion	Ratio	Lower	Upper
130	100		
95	81.4	87.8	131.8#
132	52.0	77.5	116.3#
97	56.3	55.4	83.2

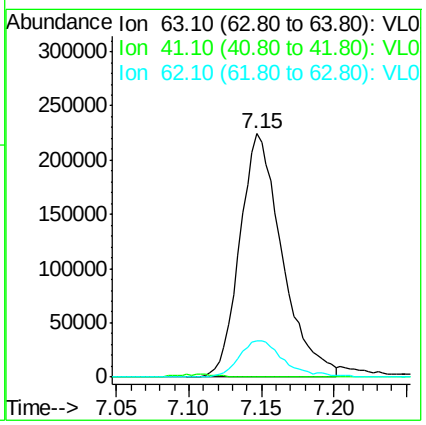


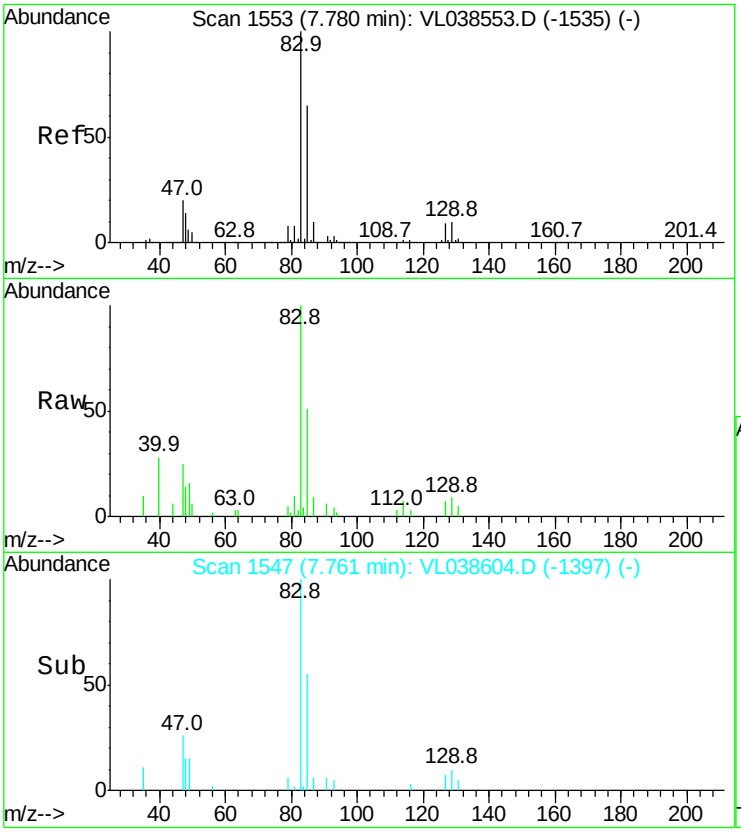


#39
1,2-Dichloropropane
Concen: 6.67 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 63 Resp: 455687

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.8	74.6#
62	15.0	56.7	85.1#



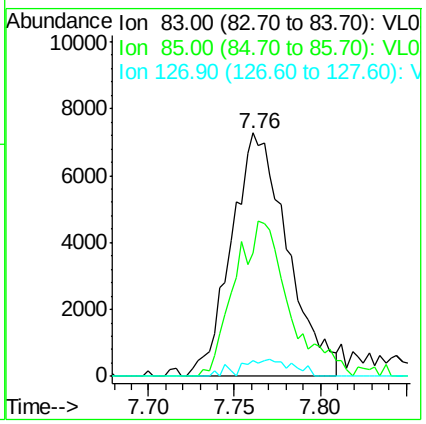


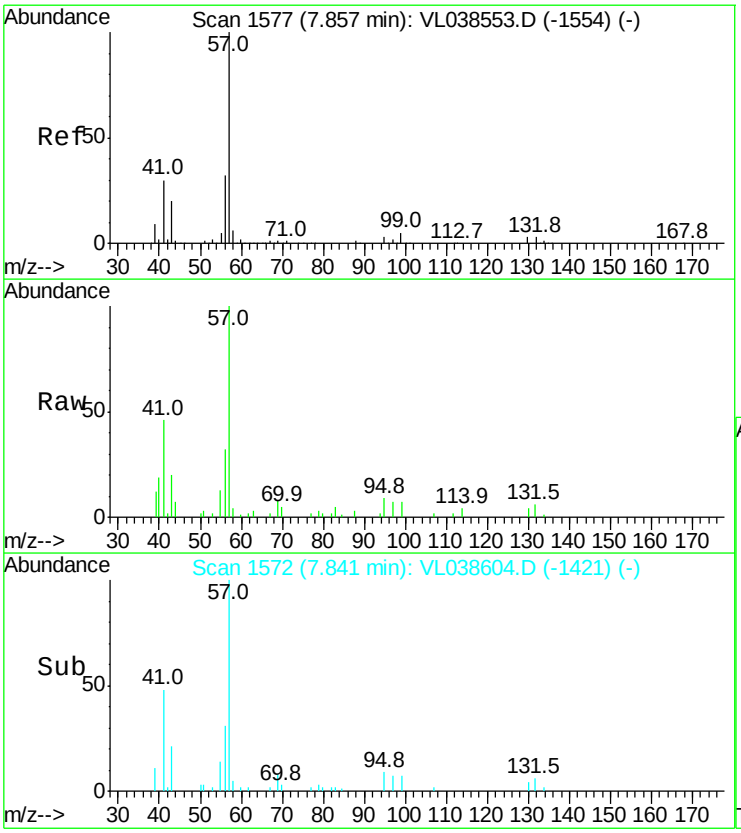
#42
Bromodichloromethane
Concen: 0.12 ppbv
RT: 7.76
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 83 Resp: 16501

Ion	Ratio	Lower	Upper
83	100		
85	48.9	51.7	77.5#
127	6.4	6.9	10.3#

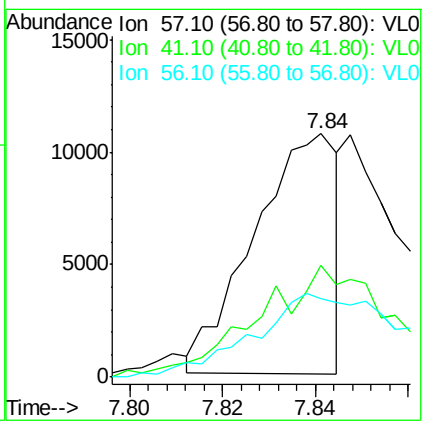


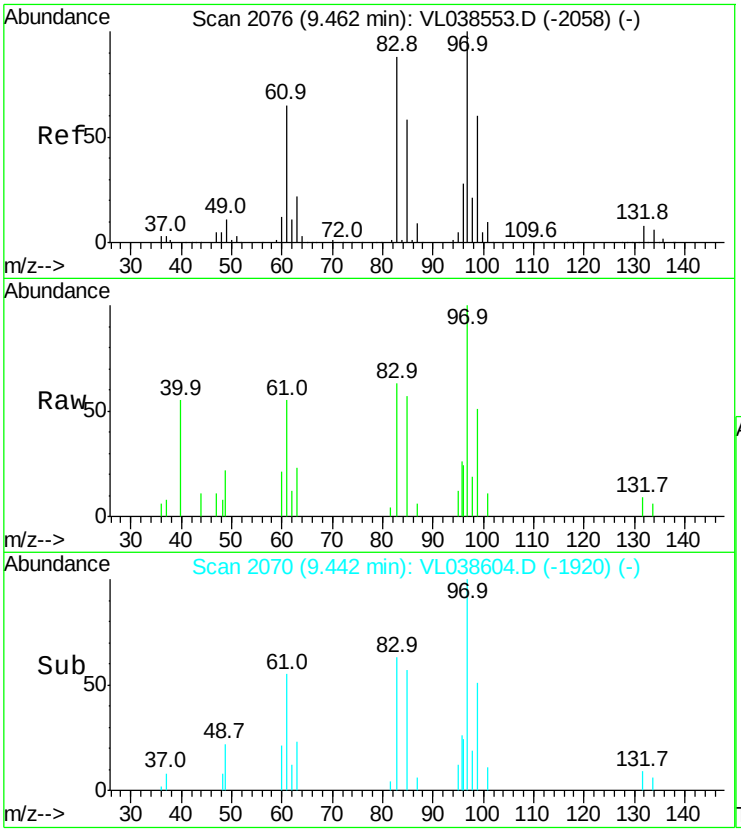


#44
2,2,4-Trimethylpentane
Concen: 0.04 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 57 Resp: 13399

Ion	Ratio	Lower	Upper
57	100		
41	86.9	24.0	36.0#
56	67.7	25.6	38.4#



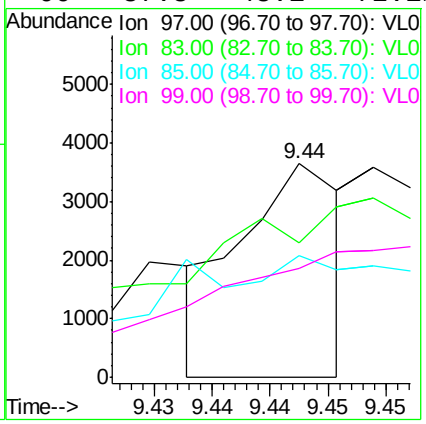


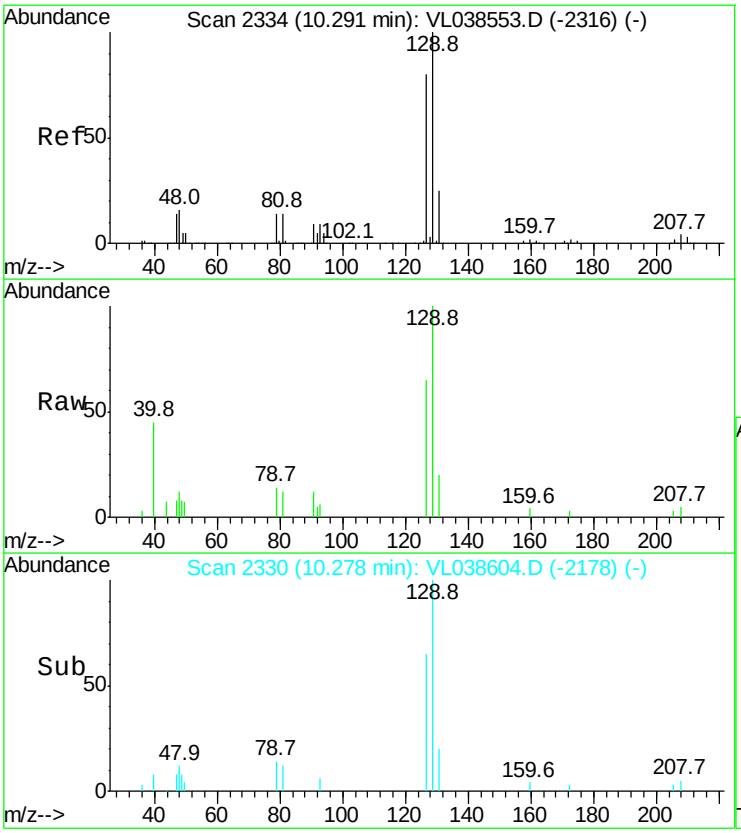
#47
1,1,2-Trichloroethane
Concen: 0.03 ppbv
RT: 9.44
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 97 Resp: 2231

Ion	Ratio	Lower	Upper
97	100		
83	40.9	70.1	105.1#
85	13.1	46.6	69.8#
99	37.8	48.1	72.1#

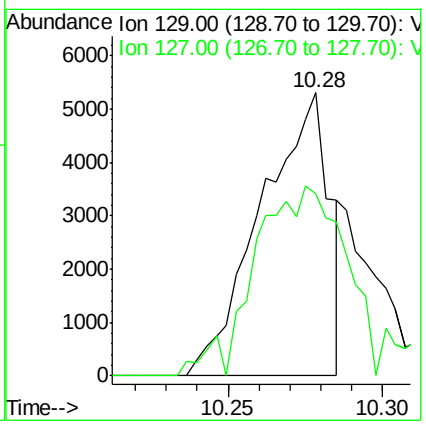


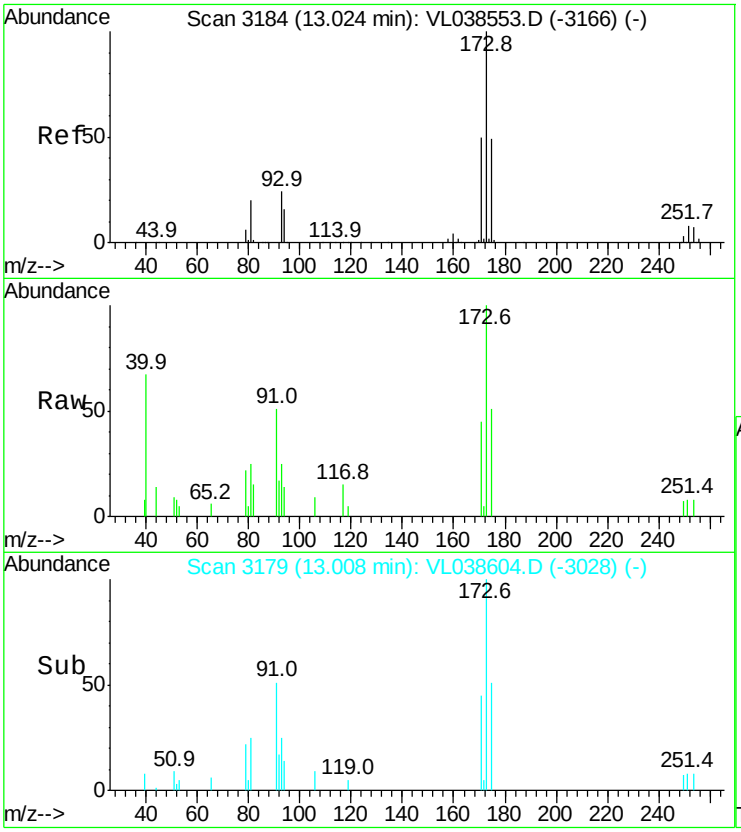


#48
Dibromochloromethane
Concen: 0.07 ppbv
RT: 10.28 min Scan# 2330
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:129 Resp: 8164

Ion	Ratio	Lower	Upper
129	100		
127	100.2	39.5	118.3



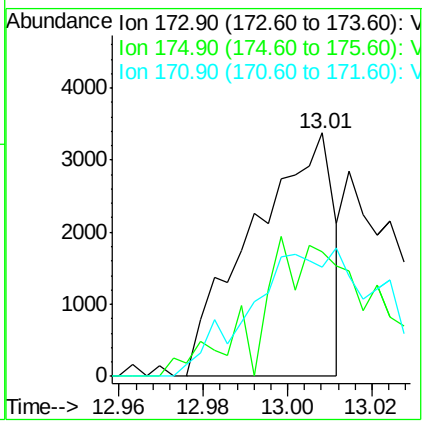


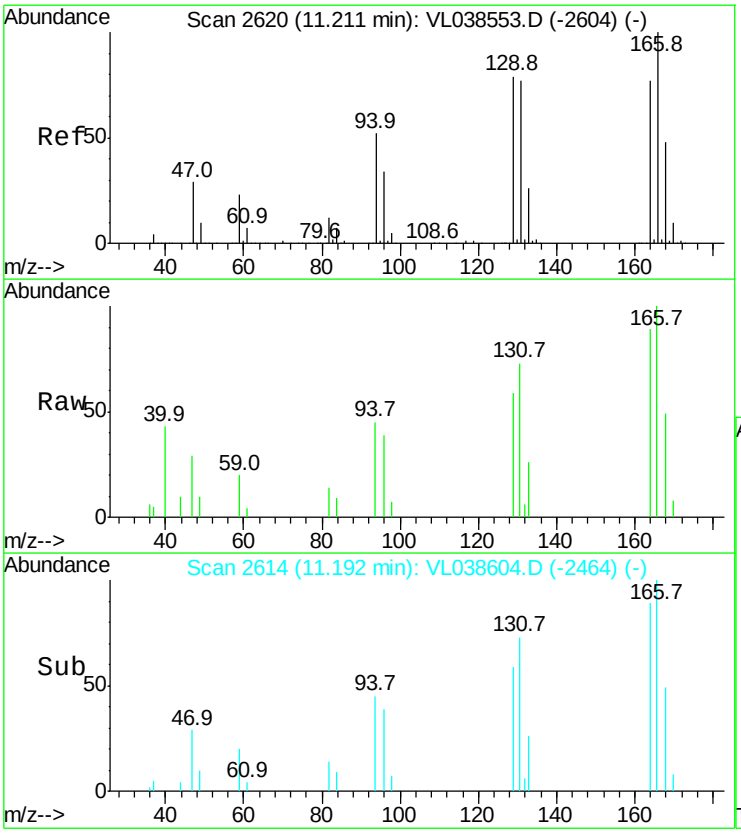
#49
Bromoform
Concen: 0.05 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:173 Resp: 4540

Ion	Ratio	Lower	Upper
173	100		
175	81.3	40.7	61.1#
171	0.0	42.9	64.3#

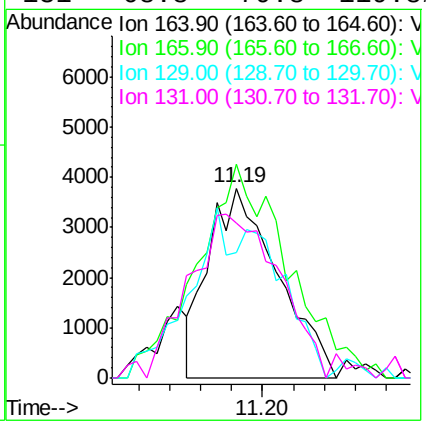


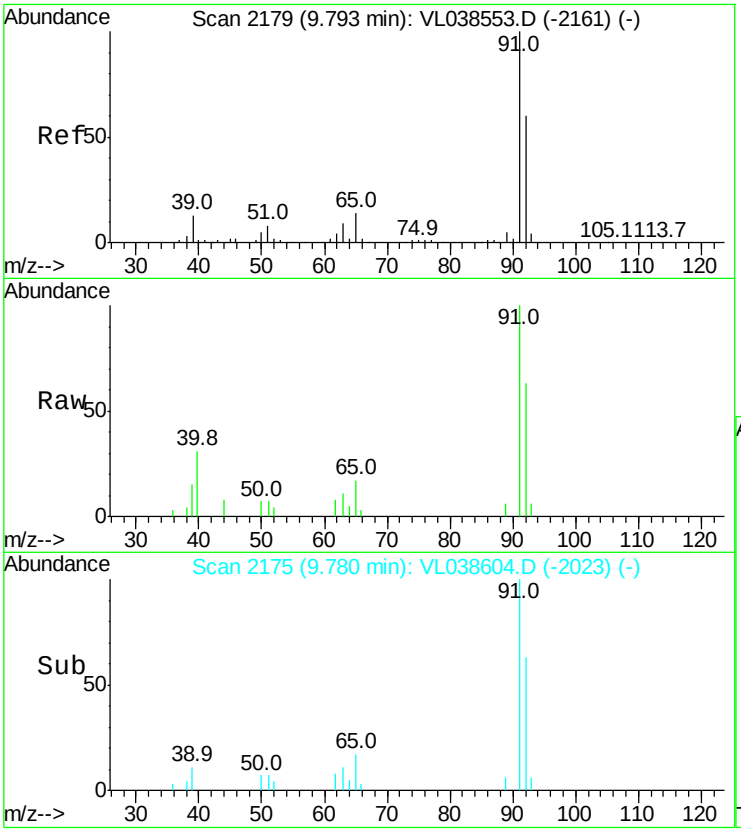


#52
Tetrachloroethene
Concen: 0.09 ppbv
RT: 11.19 min Scan# 2614
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:164 Resp: 5880

Ion	Ratio	Lower	Upper
164	100		
166	97.6	103.4	155.2#
129	61.9	81.3	121.9#
131	68.8	79.8	119.8#



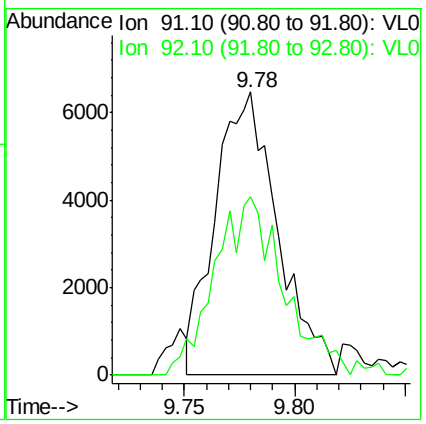


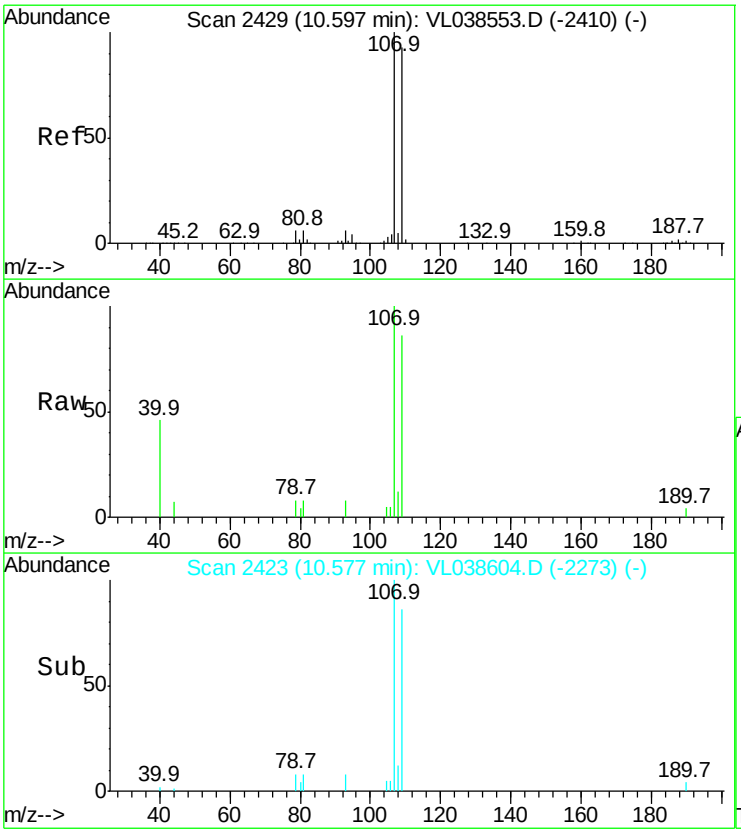
#53
Toluene
Concen: 0.07 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 91 Resp: 12732

Ion	Ratio	Lower	Upper
91	100		
92	70.2	48.1	72.1

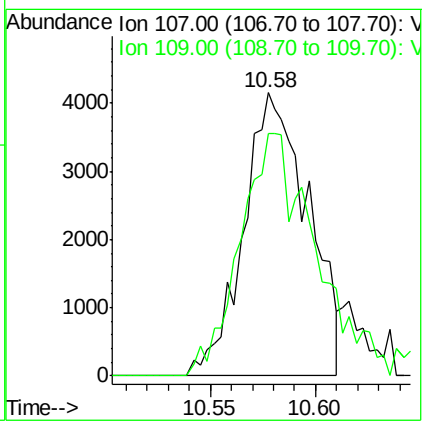


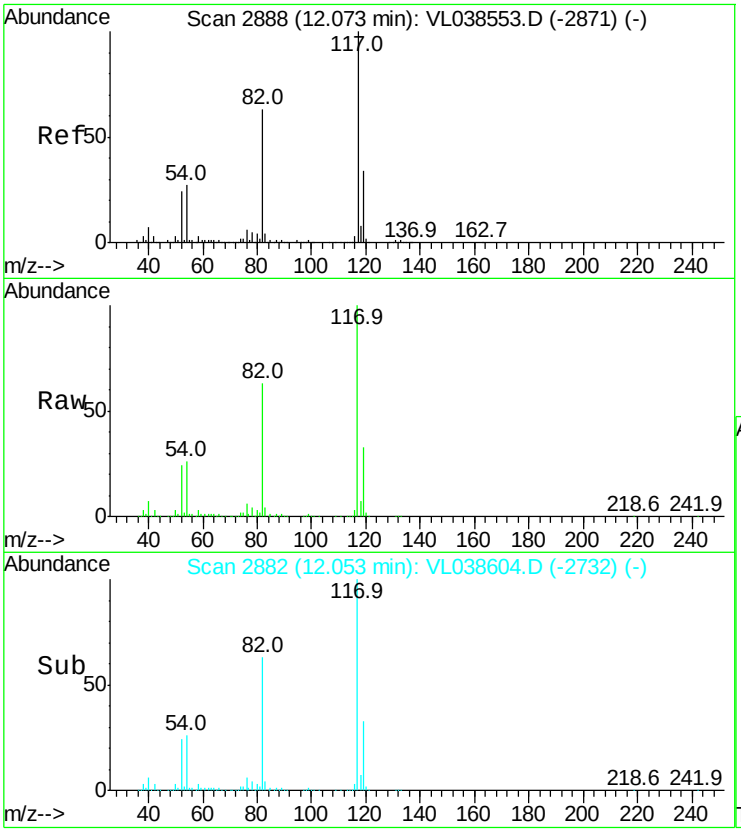


#54
1,2-Dibromoethane
Concen: 0.09 ppbv
RT: 10.58 min Scan# 2423
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:107 Resp: 8812

Ion	Ratio	Lower	Upper
107	100		
109	85.8	74.6	112.0



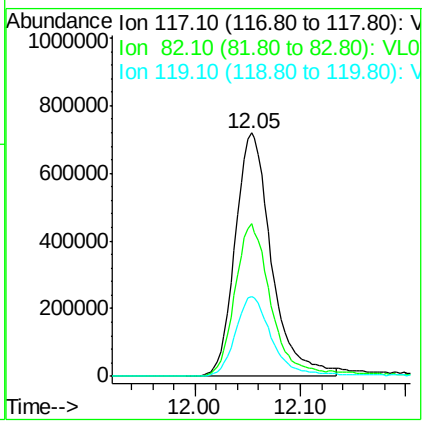


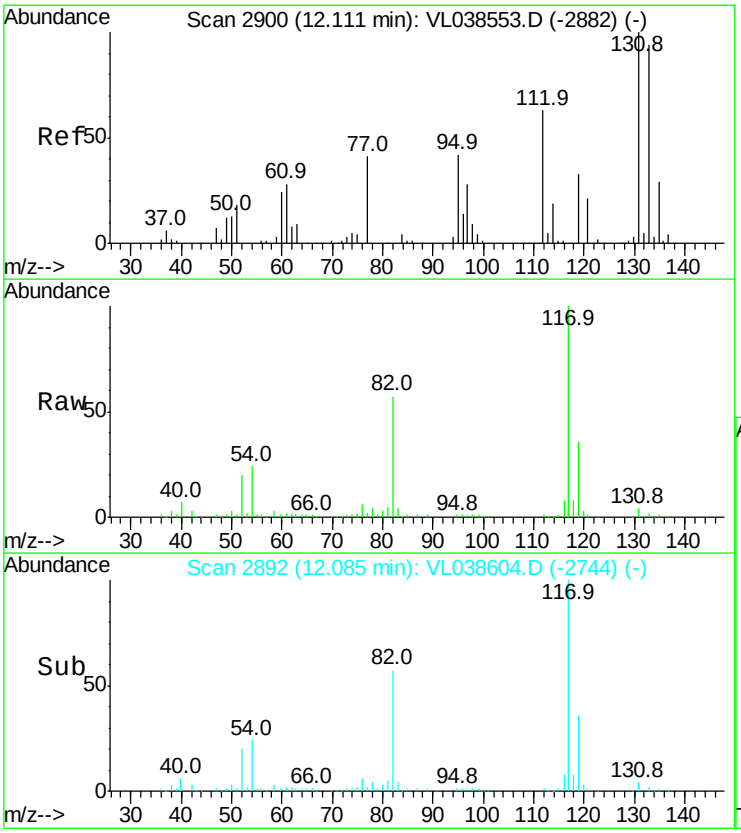
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:117 Resp: 1722388

Ion	Ratio	Lower	Upper
117	100		
82	65.9	52.5	78.7
119	34.2	46.4	69.6#

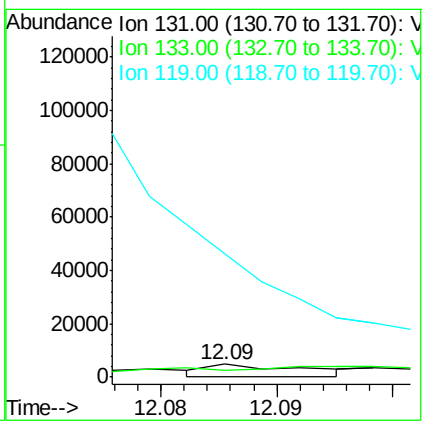


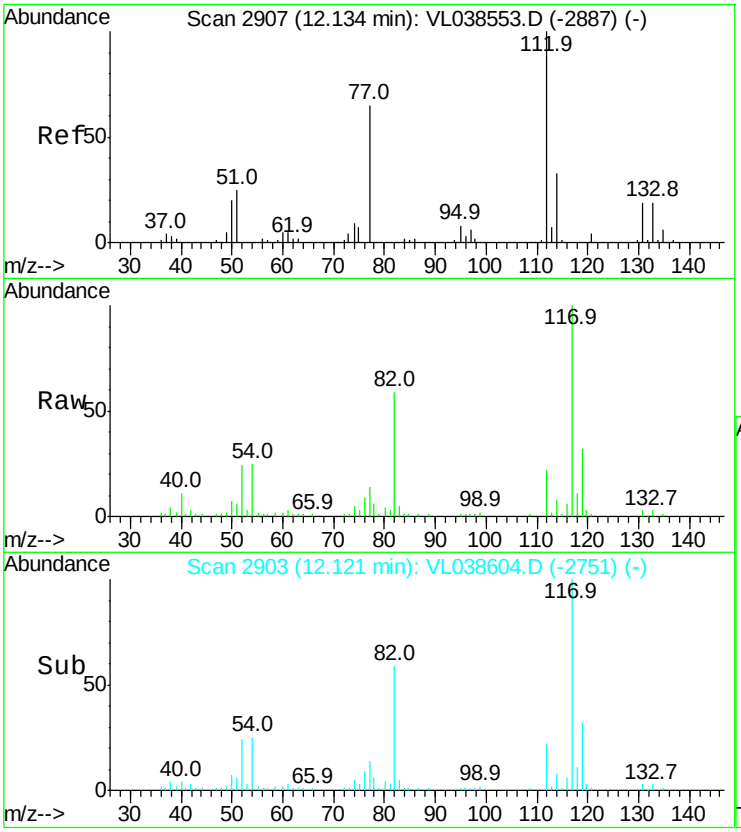


#56
1,1,1,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.03 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:131 Resp: 2856

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



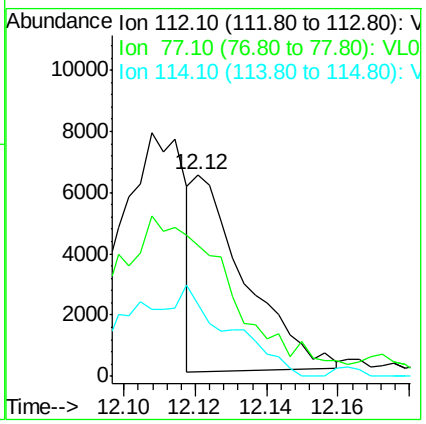


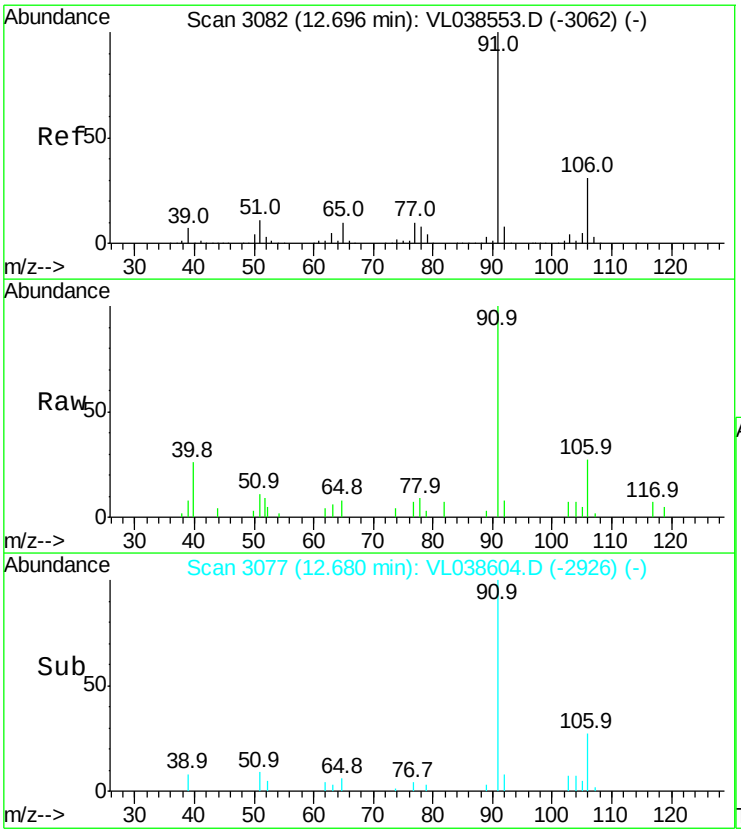
#57
Chlorobenzene
Concen: 0.05 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:112 Resp: 6421

Ion	Ratio	Lower	Upper
112	100		
77	56.1	52.5	78.7
114	31.4	30.0	36.6

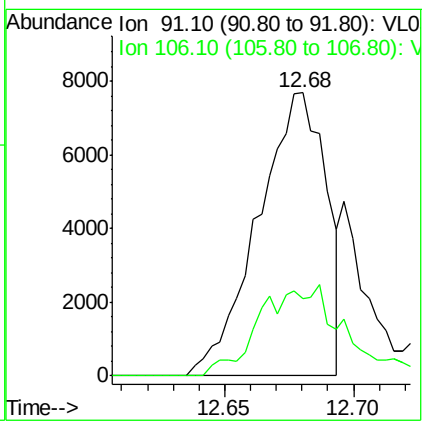


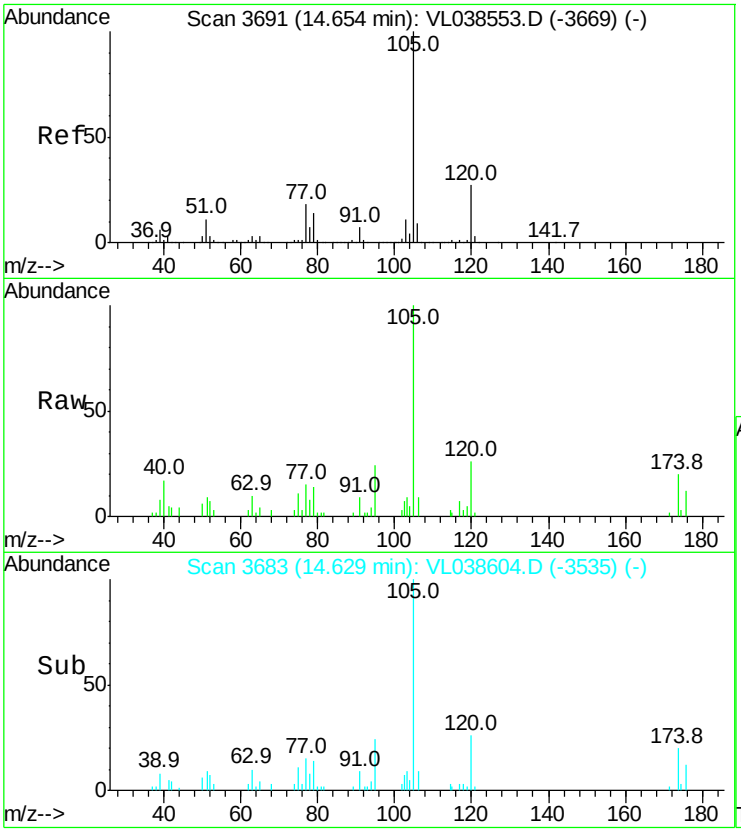


#58
Ethyl Benzene
Concen: 0.06 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 91 Resp: 14143

Ion	Ratio	Lower	Upper
91	100		
106	27.4	24.6	37.0



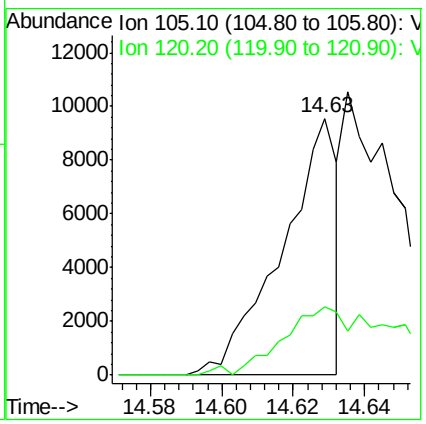


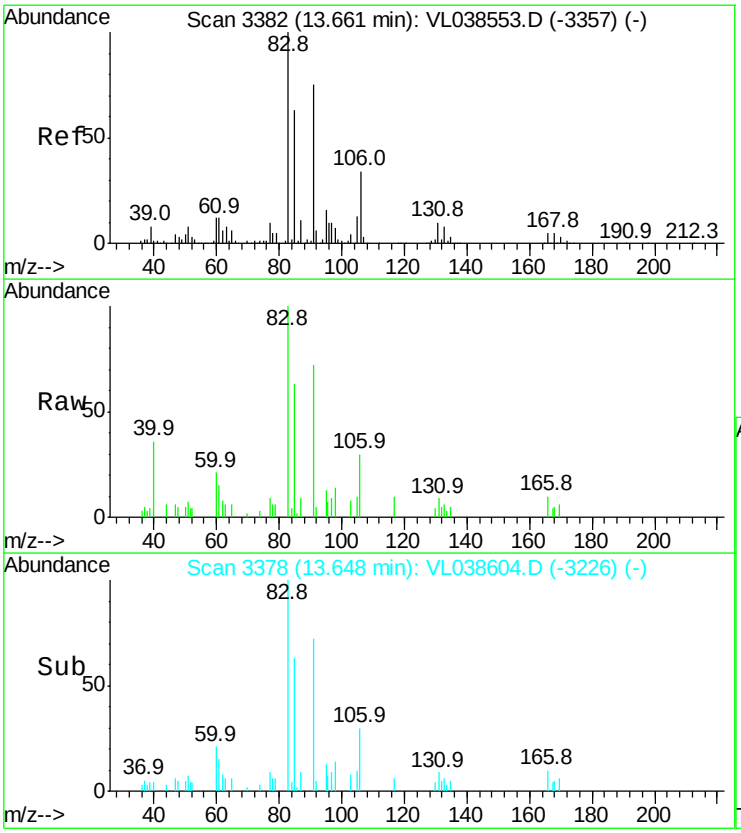
#62
Isopropylbenzene
Concen: 0.04 ppbv
RT: 14.63
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:105 Resp: 10208

Ion	Ratio	Lower	Upper
105	100		
120	54.2	21.2	31.8#

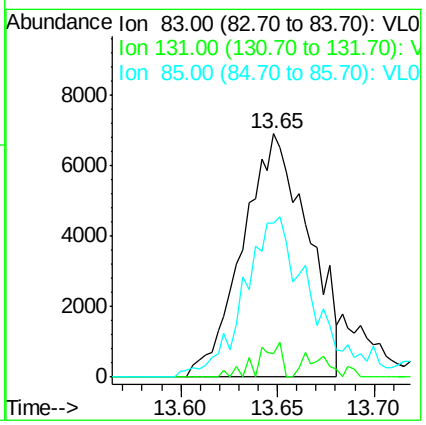


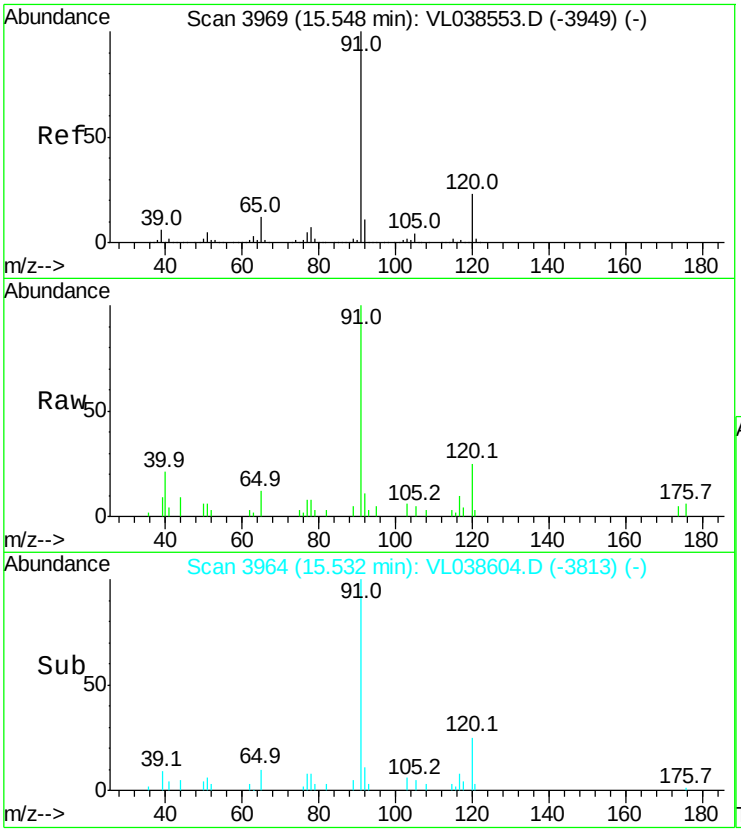


#63
1,1,2,2-Tetrachloroethane
Concen: 0.11 ppbv
RT: 13.65 min Scan# 3378
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 83 Resp: 16311

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.7	14.1
85	70.8	32.6	98.0



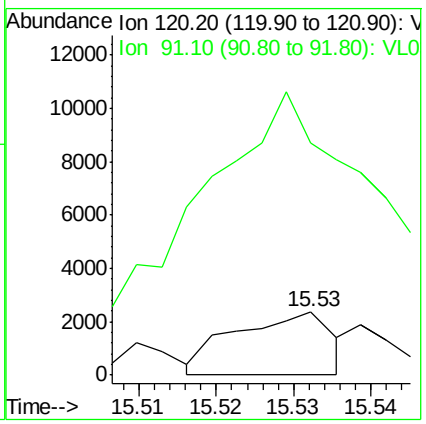


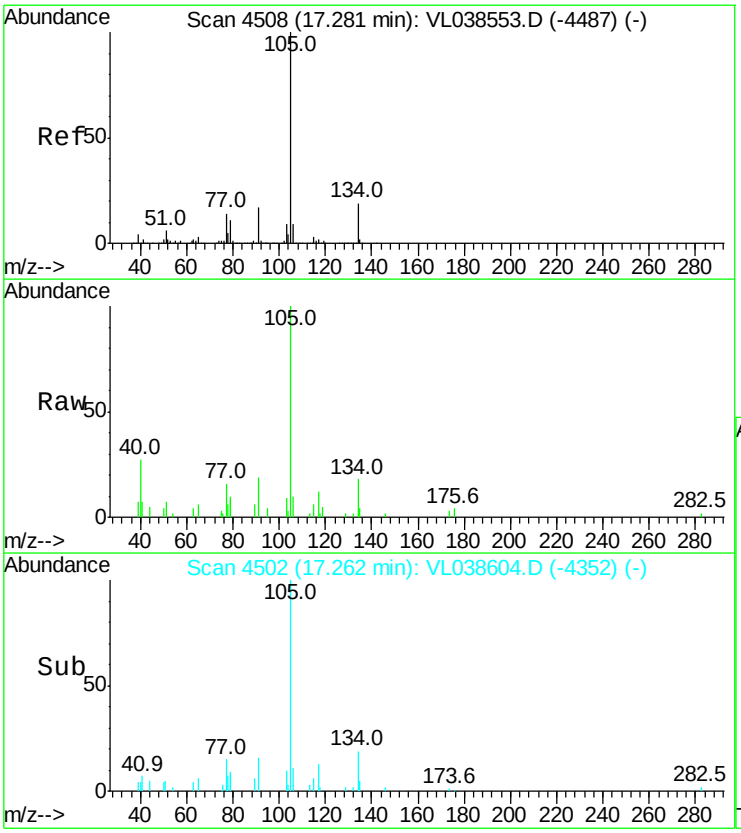
#64
n-propylbenzene
Concen: 0.03 ppbv
RT: 15.53
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:120 Resp: 2068

Ion	Ratio	Lower	Upper
120	100		
91	1264.8	374.2	561.2#

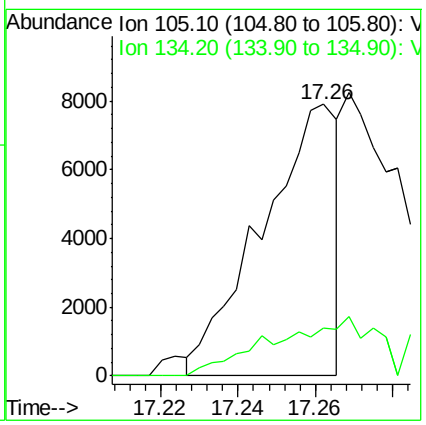


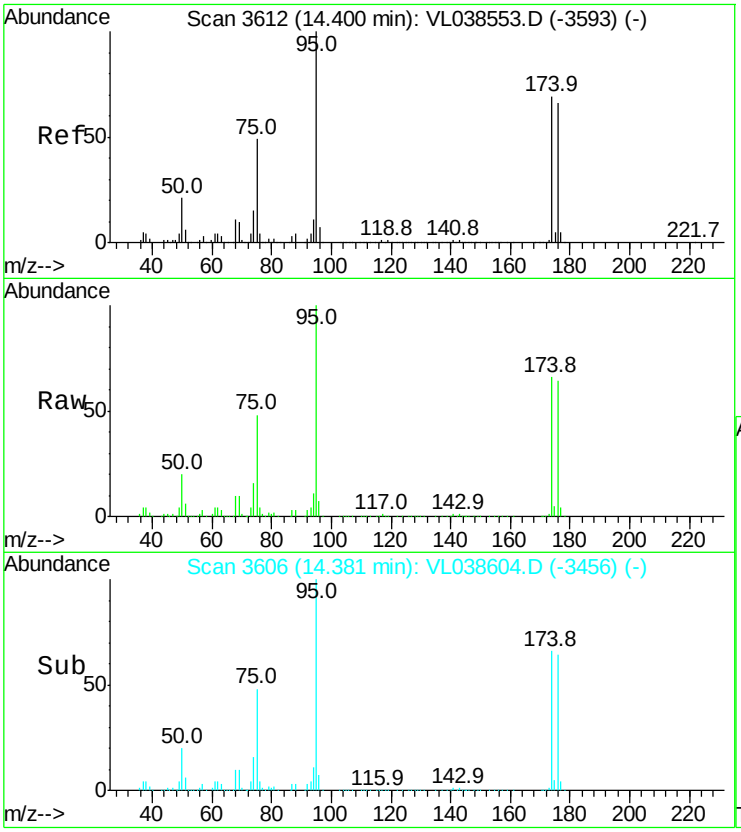


#67
sec-Butylbenzene
Concen: 0.03 ppbv
RT: 17.26 min Scan# 4502
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:105 Resp: 10750

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.0	22.6#



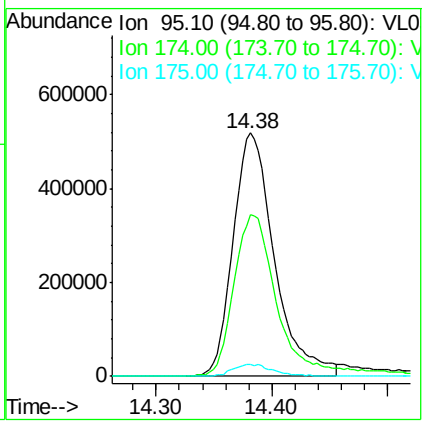


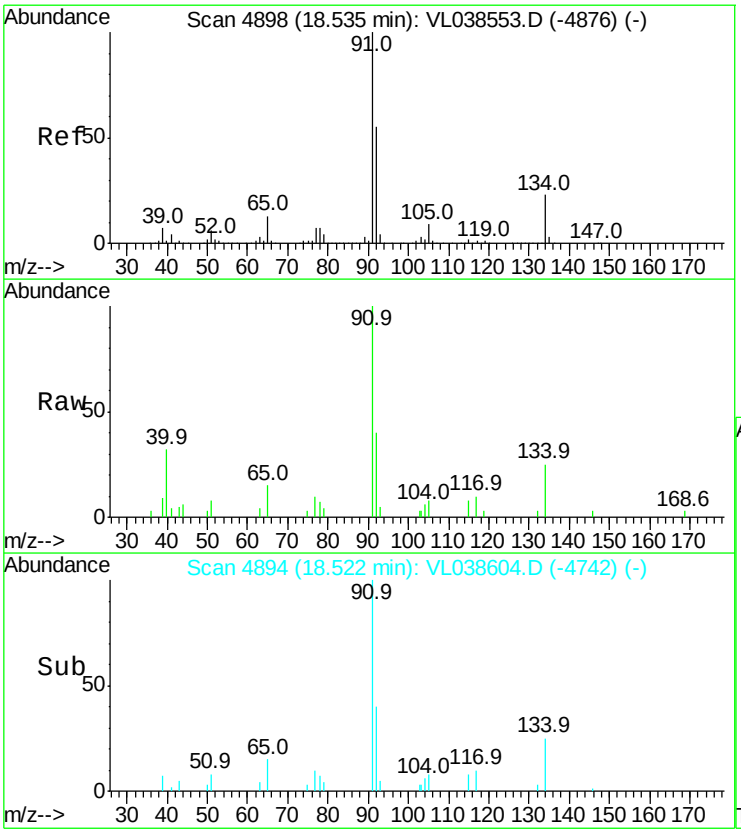
#68
1-Bromo-4-Fluorobenzene
Concen: 9.80 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 95 Resp: 1283338

Ion	Ratio	Lower	Upper
95	100		
174	73.1	56.2	84.4
175	5.1	4.2	6.2

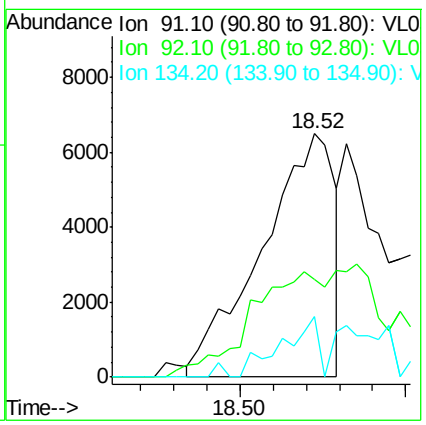


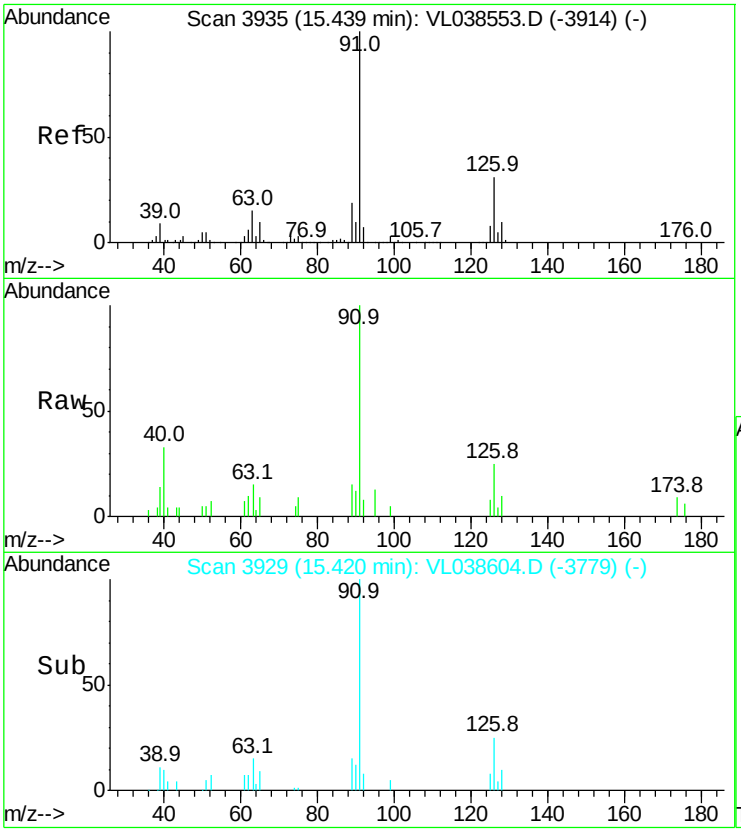


#70
n-Butylbenzene
Concen: 0.04 ppbv
RT: 18.52 min Scan# 4894
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion: 91 Resp: 9943

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.8#
134	32.7	18.7	28.1#



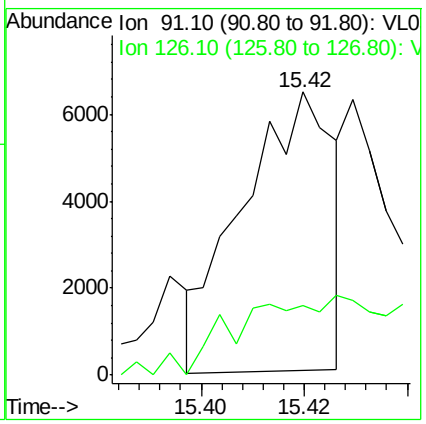


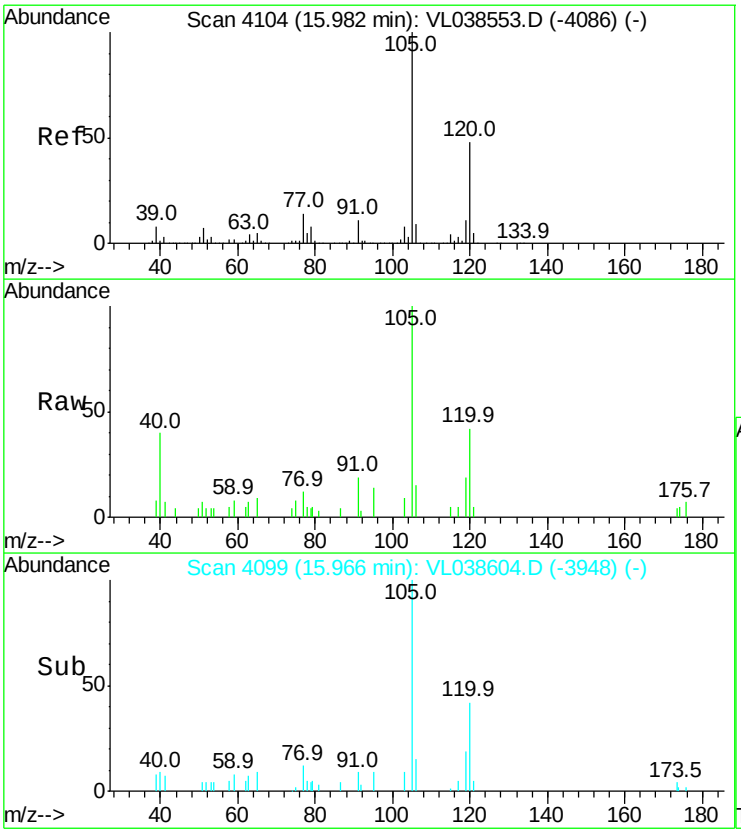
#71
2-Chlorotoluene
Concen: 0.04 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion: 91 Resp: 7846

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.9	51.7#

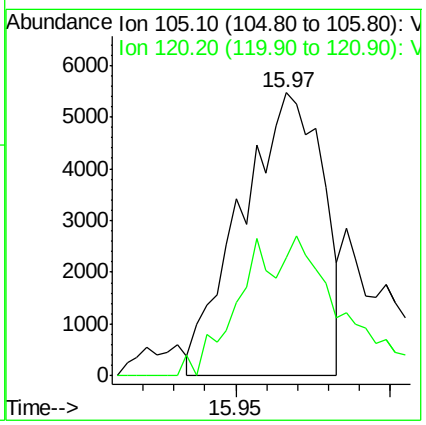


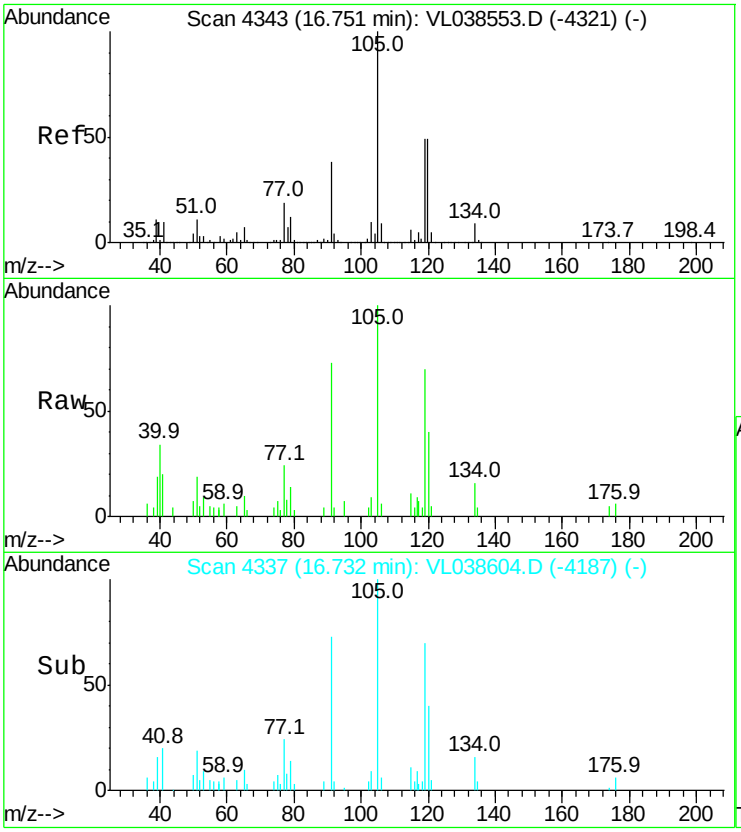


#73
1,3,5-Trimethylbenzene
Concen: 0.05 ppbv
RT: 15.97 min Scan# 4099
Delta R.T. -0.02 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:105 Resp: 10034

Ion	Ratio	Lower	Upper
105	100		
120	37.1	38.3	57.5#



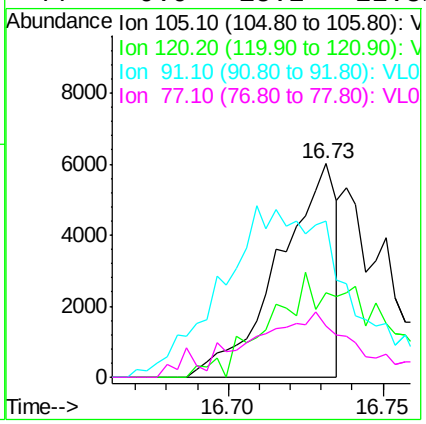


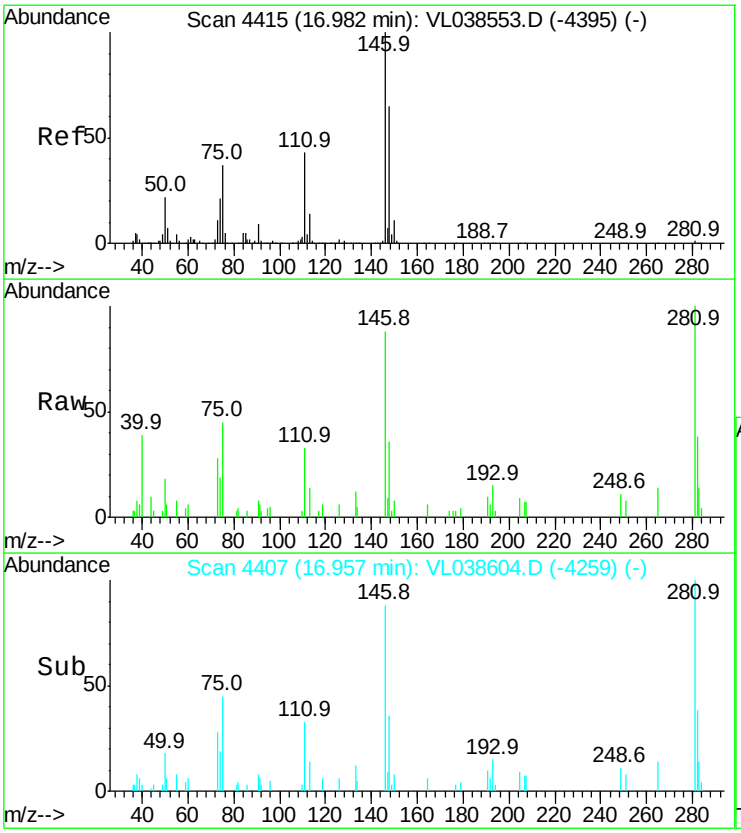
#74
1,2,4-Trimethylbenzene
Concen: 0.04 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:105 Resp: 7757

Ion	Ratio	Lower	Upper
105	100		
120	39.7	38.9	58.3
91	58.1	30.6	46.0#
77	9.9	15.2	22.8#

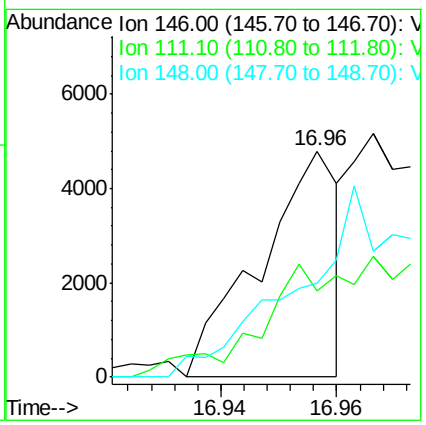


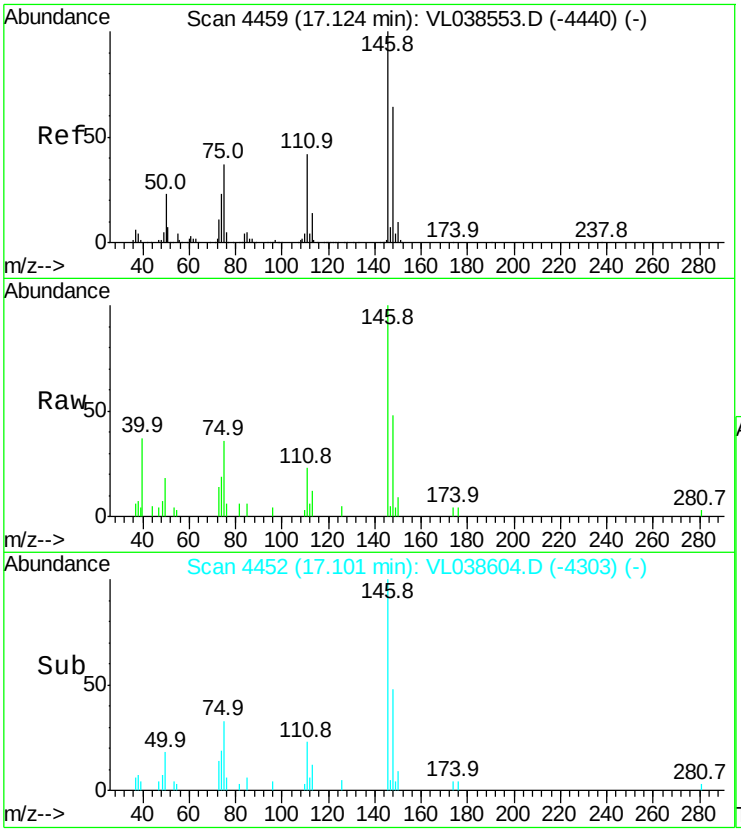


#75
1,3-Dichlorobenzene
Concen: 0.03 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.03 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:146 Resp: 4508

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



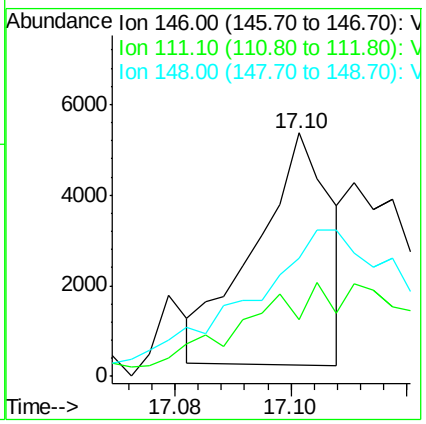


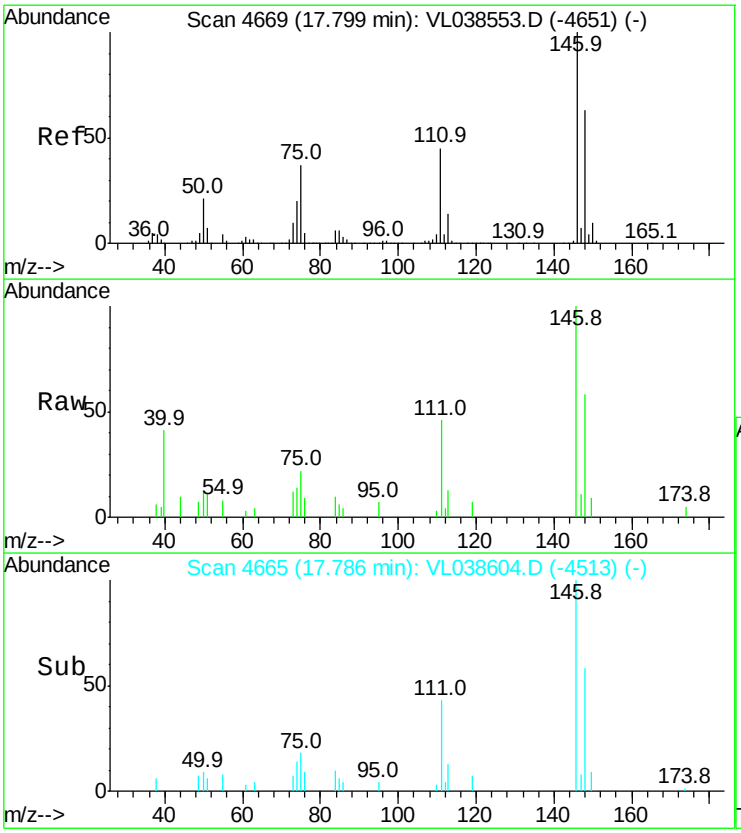
#76
1,4-Dichlorobenzene
Concen: 0.04 ppbv
RT: 17.10
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:146 Resp: 4637

Ion	Ratio	Lower	Upper
146	100		
111	112.9	21.8	65.3#
148	185.9	32.8	98.4#

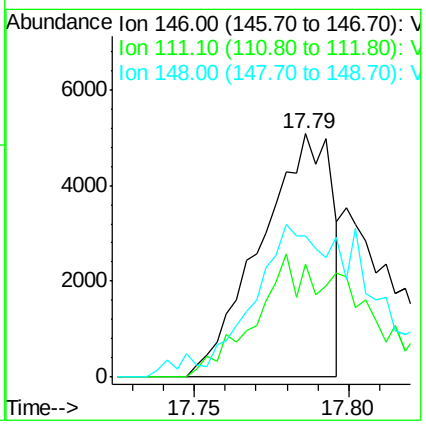


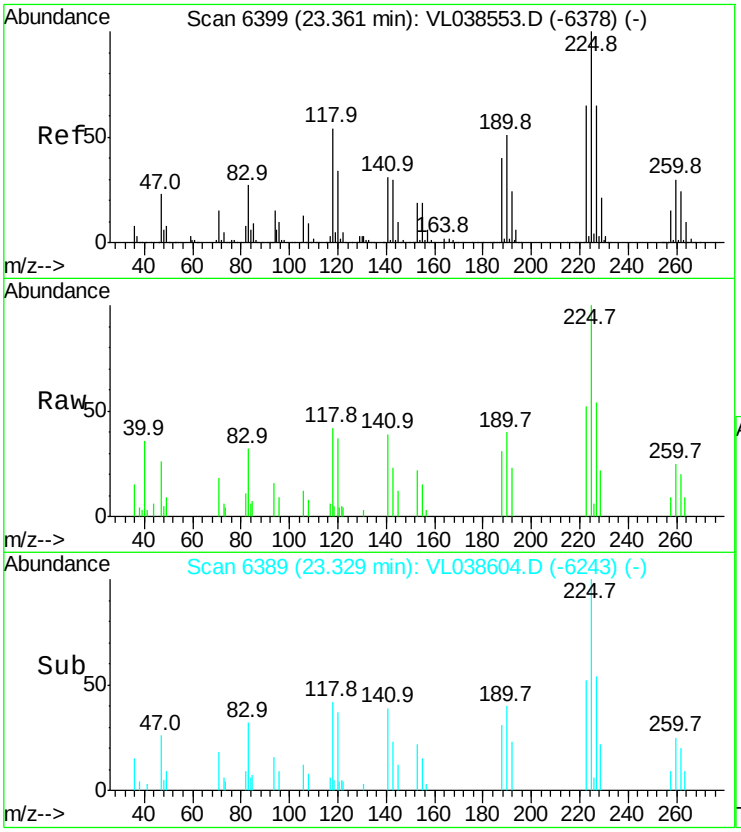


#77
1,2-Dichlorobenzene
Concen: 0.06 ppbv
RT: 17.79 min Scan# 4665
Delta R.T. -0.01 min
Lab File: VL038604.D
Acq: 14 Mar 2022 20:05

Tgt Ion:146 Resp: 8149

Ion	Ratio	Lower	Upper
146	100		
111	77.4	23.2	69.5#
148	116.6	32.6	98.0#





#78
Hexachloro-1,3-Butadiene
Concen: 0.04 ppbv
RT: 23.33
Delta R.T
Lab File:
Acq: 14 Mar 2022 20:05

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

Tgt Ion:225 Resp: 5744

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