Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038680.D
Acq On : 22 Mar 2022 10:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Mar 23 03:41:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	896774	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2392104	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	2763469	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1730822	8.17	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	955492	7.93	ppbv		100
3) Chlorodifluoromethane	2.98	51	917412	9.69	ppbv		99
4) Chloromethane	3.13	50	481226	9.25	ppbv		99
5) Vinyl Chloride	3.25	62	475230	8.99	ppbv		99
6) Bromomethane	3.47	94	269949	9.58	ppbv		96
7) Chloroethane	3.55	64	159392	9.11	ppbv		96
8) Dichlorotetrafluoroethane	3.18	85	1096781	9.11	ppbv		98
9) Propene	3.01	41	437943	9.58	ppbv		99
10) Heptane	8.10	43	1095291	10.02	ppbv		99
11) Trichlorofluoromethane	3.94	101	974955	9.16	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	738682	9.02	ppbv		96
13) Ethanol	3.60	45	9111	1.81	ppbv	#	1
14) Bromoethene	3.73	108	341054	9.37	ppbv		98
15) Acetone	3.84	43	674790	8.72	ppbv		99
16) 1,3-Butadiene	3.32	39	418049	9.52	ppbv		100
17) tert-Butyl alcohol	4.27	59	699649	10.35	ppbv		100
18) 1,1-Dichloroethene	4.28	96	327333	8.90	ppbv		96
19) Isopropyl Alcohol	3.95	45	364244	8.49	ppbv		99
20) Methylene Chloride	4.33	84	274735	8.43	ppbv		98
21) Allyl Chloride	4.40	41	529152	9.50	ppbv		99
22) trans-1,2-Dichloroethene	4.87	96	374912	9.82	ppbv		97
23) Vinyl Acetate	5.06	43	521826	6.96	ppbv		99
24) 1,1-Dichloroethane	5.00	63	677367	9.18	ppbv		98
25) Ethyl Acetate	5.66	43	2062865	10.59	ppbv		99
26) Hexane	5.67	57	829726	9.51	ppbv		91
27) Carbon Disulfide	4.54	76	851770	9.96	ppbv		99
28) Methyl tert-Butyl Ether	5.02	73	622721	9.59	ppbv		99
29) Chloroform	5.74	83	1293087	9.26	ppbv		99
30) Cyclohexane	7.11	84	717666	9.46	ppbv		99
31) cis-1,2-Dichloroethene	5.54	61	798410	9.74	ppbv		99
32) 1,1,1-Trichloroethane	6.49	97	1263731	9.38	ppbv		99
34) 2-Butanone	5.23	43	787801	8.32	ppbv		99
35) Carbon Tetrachloride	7.00	117	1299415	9.36	ppbv		98
36) Benzene	6.87	78	1780651	9.64	ppbv		99
37) 1,2-Dichloroethane	6.29	62	899667	9.58	ppbv		100
38) Trichloroethene	7.82	130	700214	9.05	ppbv		99
39) 1,2-Dichloropropane	7.59	63	680356	9.43	ppbv		98
40) 1,4-Dioxane	7.81	88	222740	8.89	ppbv		78
41) Tetrahydrofuran	6.03	42	705419	10.01	ppbv		99
42) Bromodichloromethane	7.77	83	1402241	9.96	ppbv		99
43) Methyl Methacrylate	8.00	69	751965	10.97	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038680.D
Acq On : 22 Mar 2022 10:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Mar 23 03:41:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	2912679	9.40	ppbv		100
45) t-1,3-Dichloropropene	9.26	75	788584	11.32	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	996373	10.57	ppbv		99
47) 1,1,2-Trichloroethane	9.46	97	726587	9.43	ppbv		98
48) Dibromochloromethane	10.28	129	1221014	10.12	ppbv		100
49) Bromoform	13.02	173	1003046	10.20	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	1768481	10.05	ppbv		100
51) 2-Hexanone	10.11	43	1359080	10.75	ppbv	#	99
52) Tetrachloroethene	11.20	164	636788	9.43	ppbv		97
53) Toluene	9.78	91	2016256	10.16	ppbv		99
54) 1,2-Dibromoethane	10.59	107	1078994	10.26	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	892585	7.79	ppbv		98
57) Chlorobenzene	12.12	112	1469344	7.37	ppbv		98
58) Ethyl Benzene	12.69	91	2574350	7.97	ppbv		99
59) m/p-Xylene	12.97	91	2491236	8.82	ppbv	#	48
60) o-Xylene	13.67	91	2072973	7.73	ppbv		99
61) Styrene	13.50	104	1277714	8.78	ppbv		100
62) Isopropylbenzene	14.64	105	3182832	7.89	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1458497	7.02	ppbv		99
64) n-propylbenzene	15.54	120	848405	8.02	ppbv		96
65) tert-Butylbenzene	16.72	119	2789780	7.70	ppbv		100
66) Benzyl Chloride	16.97	91	580409	8.46	ppbv		99
67) sec-Butylbenzene	17.27	105	3996088	7.71	ppbv		100
69) p-Isopropyltoluene	17.63	119	3278262	7.75	ppbv		100
70) n-Butylbenzene	18.53	91	3374149	7.73	ppbv		100
71) 2-Chlorotoluene	15.43	91	2373271	7.93	ppbv		99
72) 4-Ethyltoluene	15.82	105	2541005	8.02	ppbv		98
73) 1,3,5-Trimethylbenzene	15.98	105	2205036	7.64	ppbv		99
74) 1,2,4-Trimethylbenzene	16.74	105	2303169	7.33	ppbv		97
75) 1,3-Dichlorobenzene	16.97	146	1423450	7.11	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	1403455	7.05	ppbv		98
77) 1,2-Dichlorobenzene	17.79	146	1384078	6.98	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	1009807	5.51	ppbv		99
79) Naphthalene	22.17	128	1835930	7.64	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	468926	7.28	ppbv		99
81) 1,2,4-Trichlorobenzene	21.90	180	1048027	6.37	ppbv		99

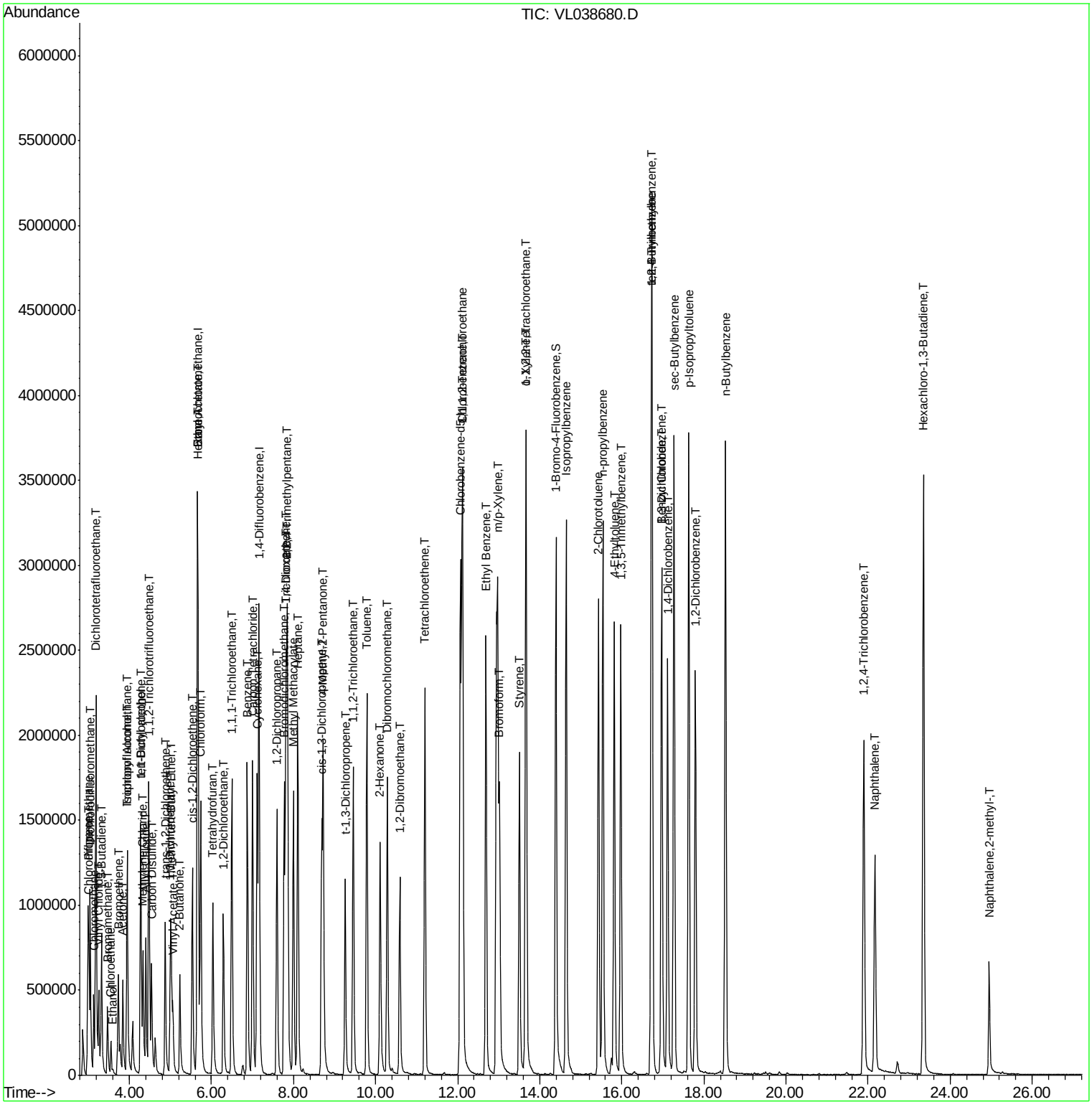
(#) = qualifier out of range (m) = manual integration (+) = signals summed

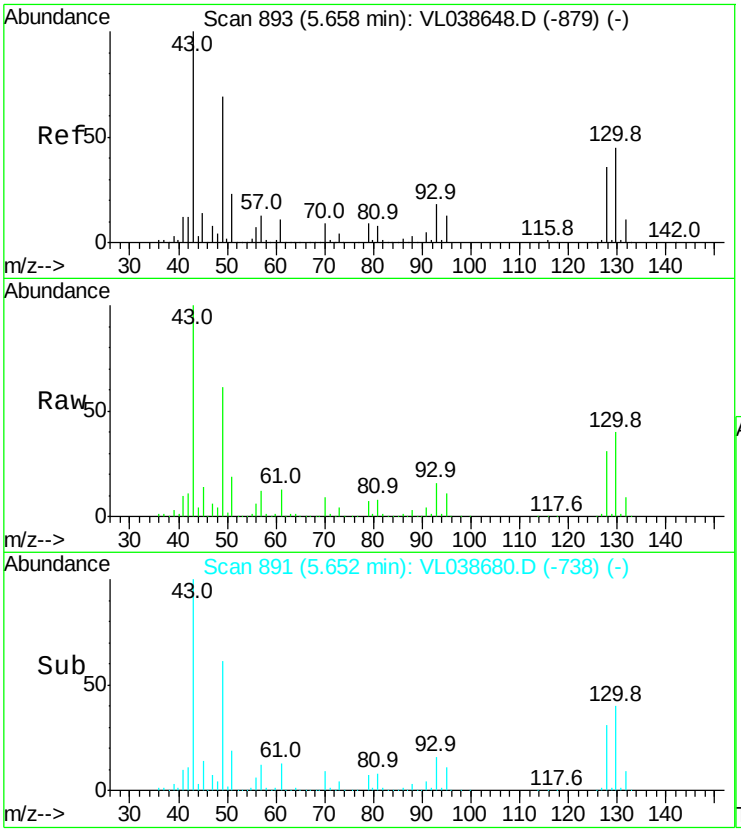
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038680.D
Acq On : 22 Mar 2022 10:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 23 03:41:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



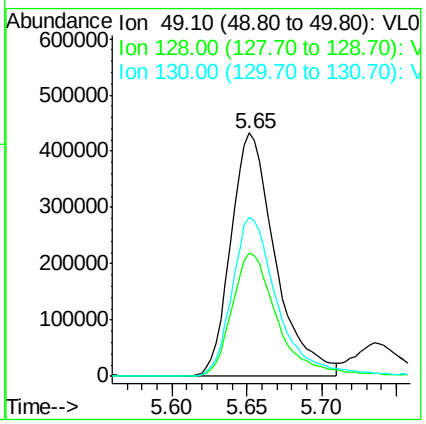


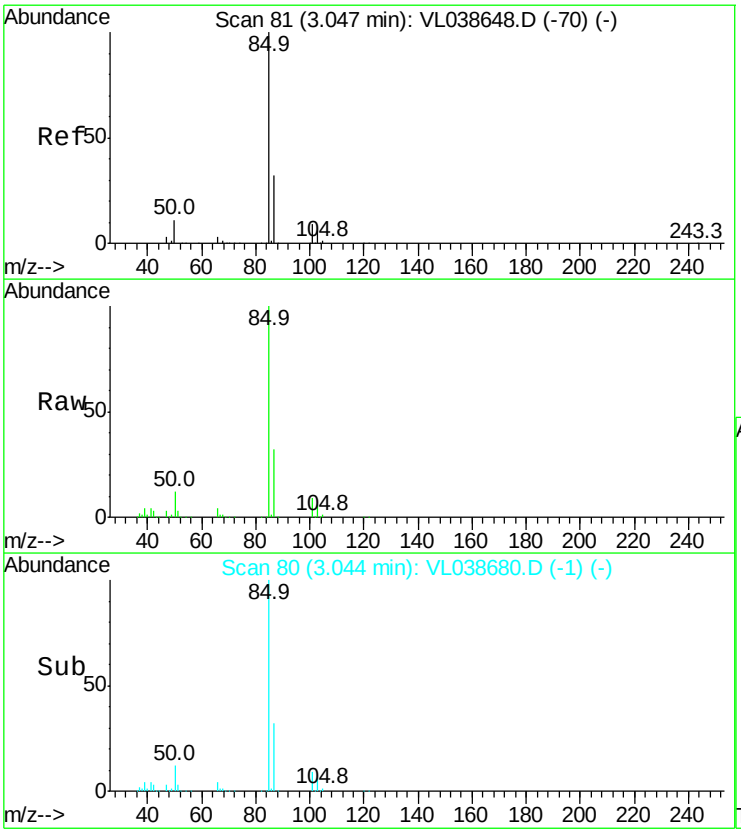
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 896774

Ion	Ratio	Lower	Upper
49	100		
128	52.6	26.2	78.6
130	67.8	33.7	101.1

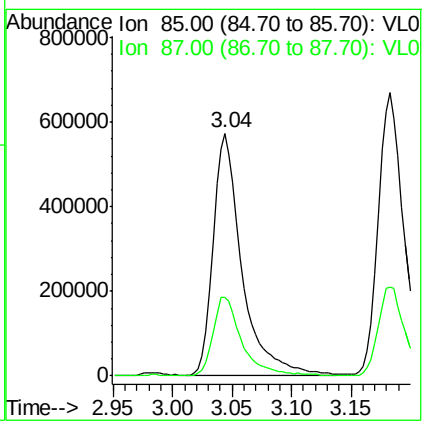


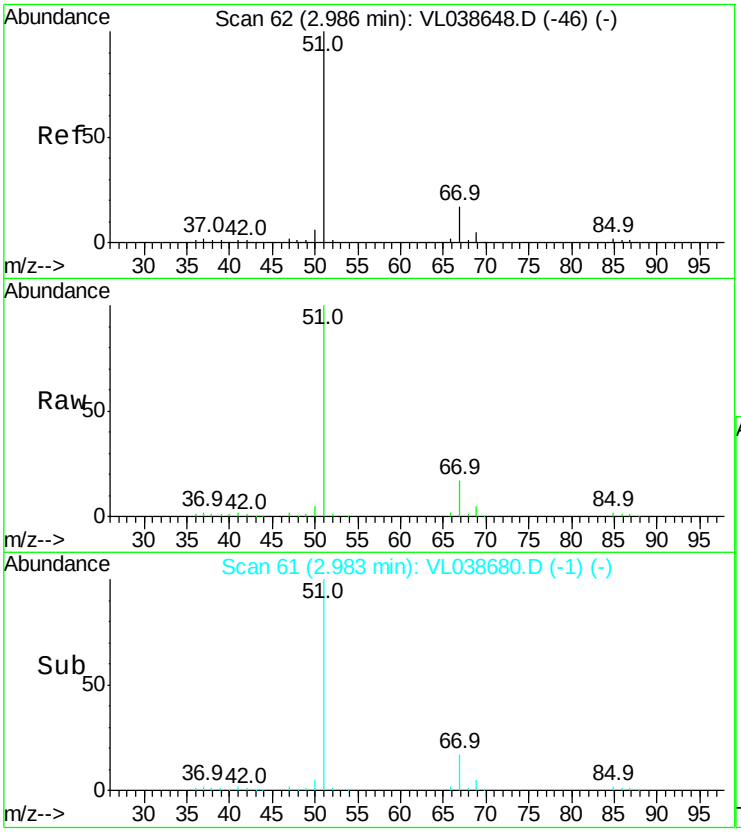


#2
Dichlorodifluoromethane
Concen: 7.93 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 85 Resp: 955492

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.0	39.0



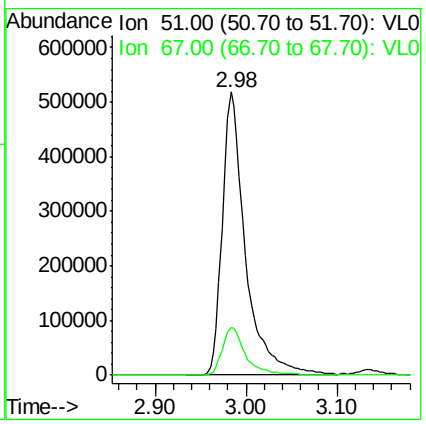


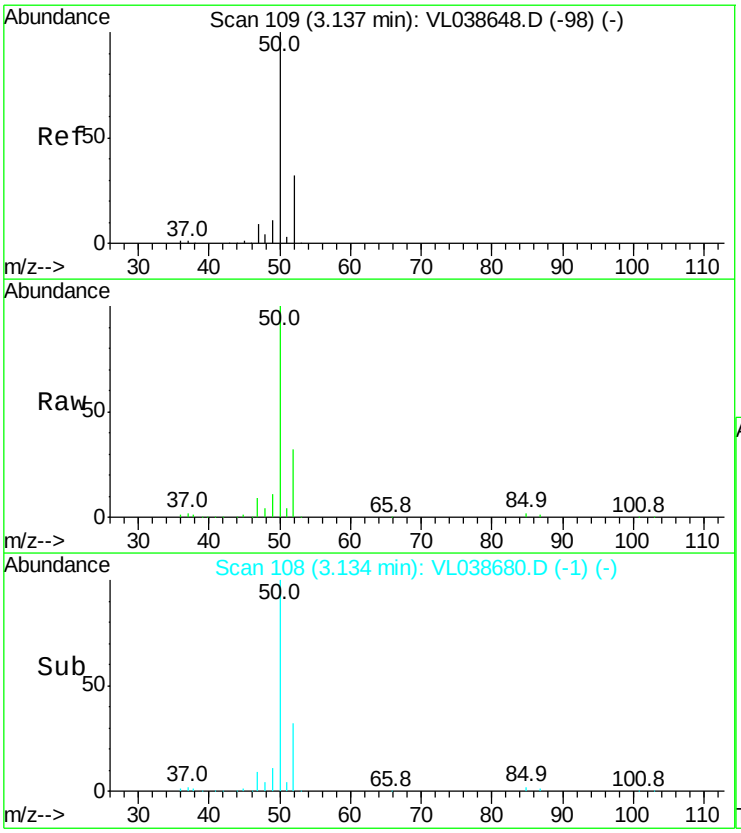
#3
Chlorodifluoromethane
Concen: 9.69 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 917412

Ion	Ratio	Lower	Upper
51	100		
67	17.2	14.1	21.1

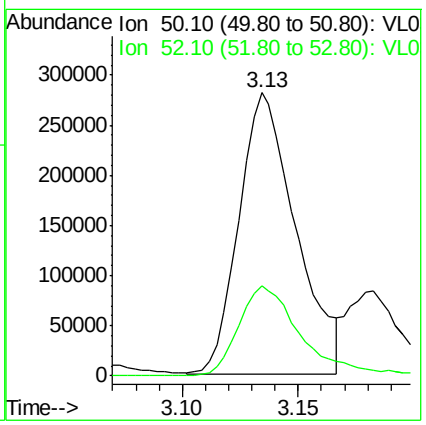


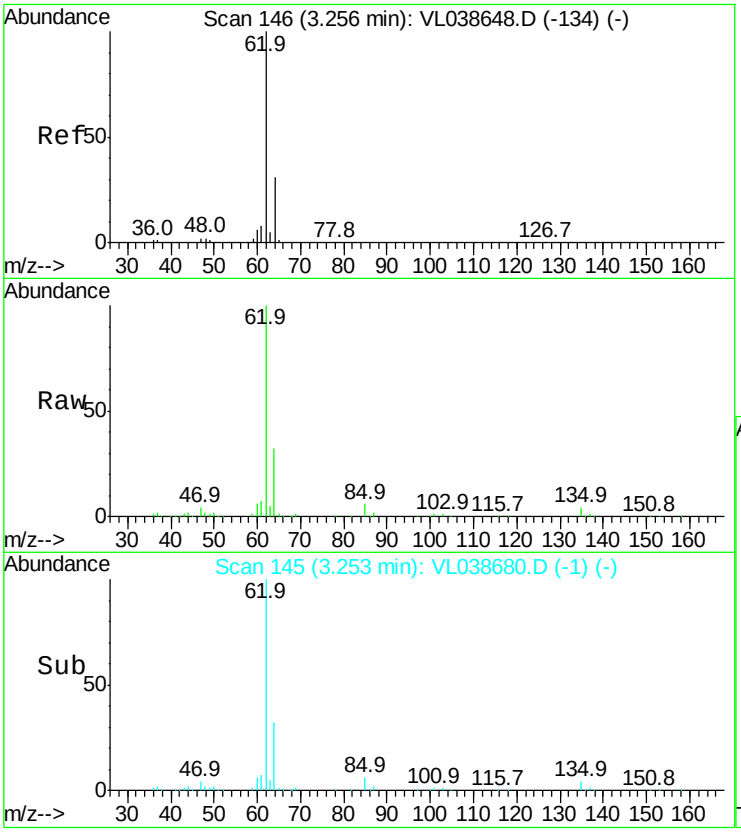


#4
Chloromethane
Concen: 9.25 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 50 Resp: 481226

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.5	38.3



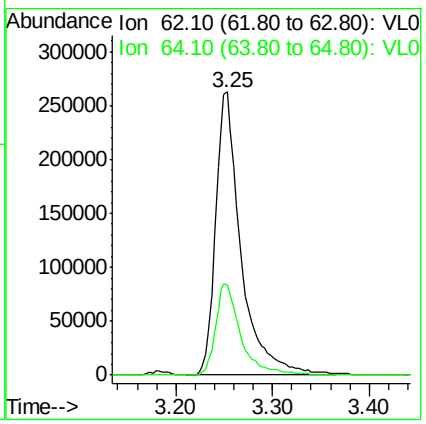


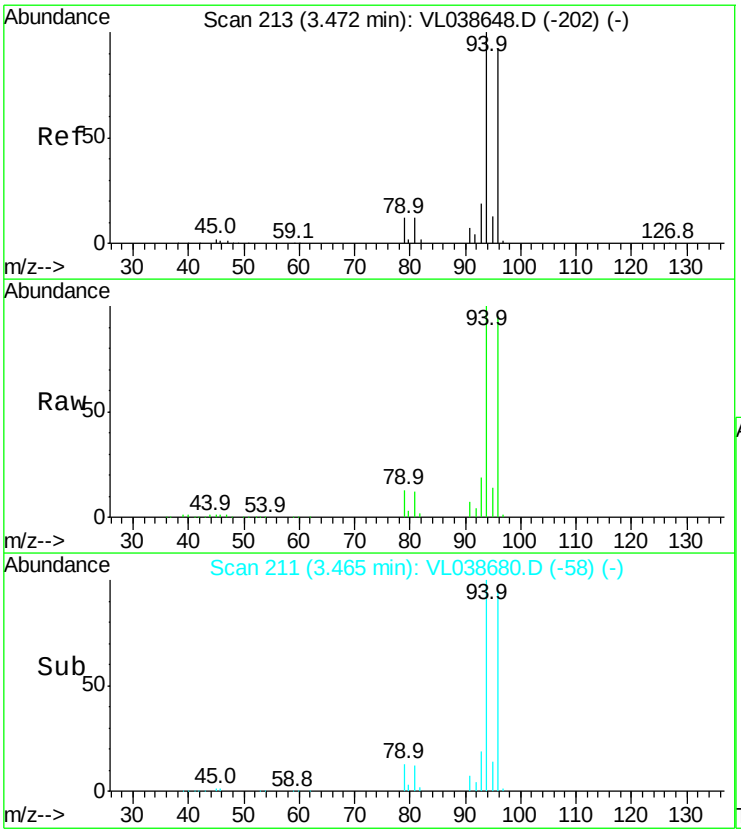
#5
Vinyl Chloride
Concen: 8.99 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 475230

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.0	37.4

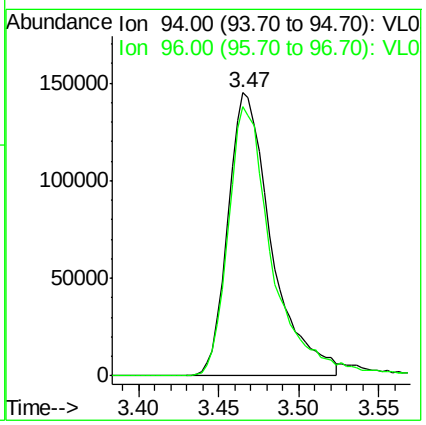


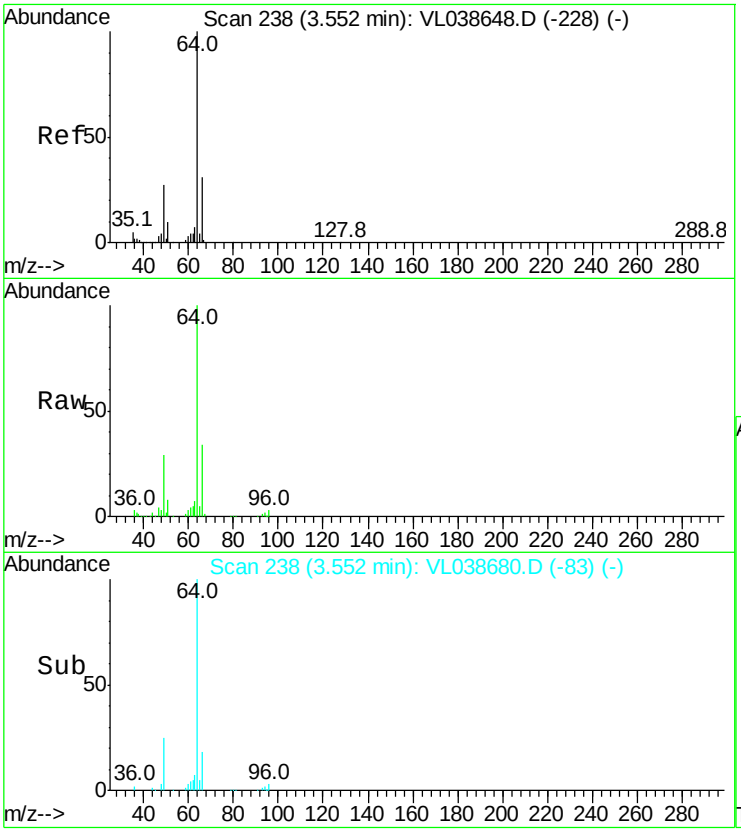


#6
Bromomethane
Concen: 9.58 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 94 Resp: 269949

Ion	Ratio	Lower	Upper
94	100		
96	95.3	73.3	109.9



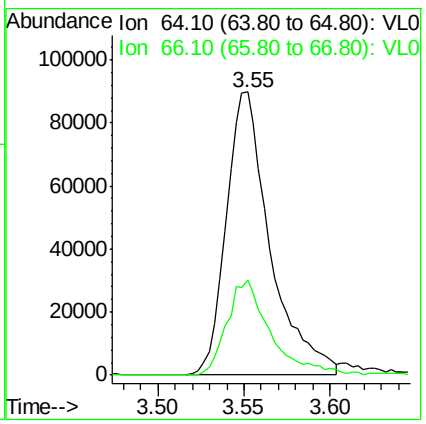


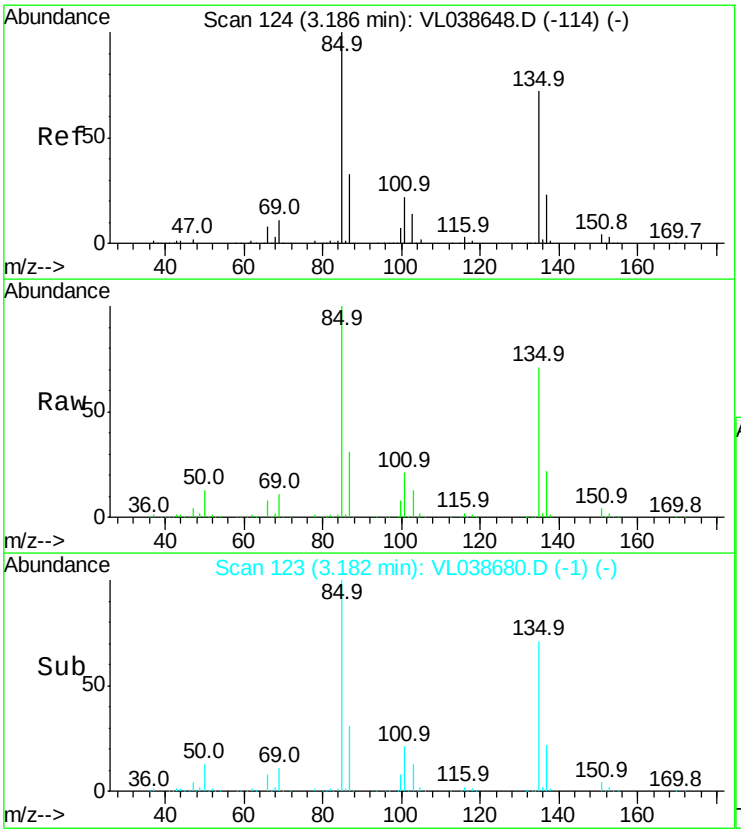
#7
Chloroethane
Concen: 9.11 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 159392

Ion	Ratio	Lower	Upper
64	100		
66	33.8	25.0	37.6

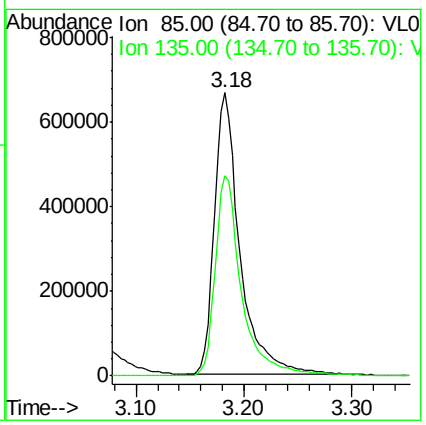


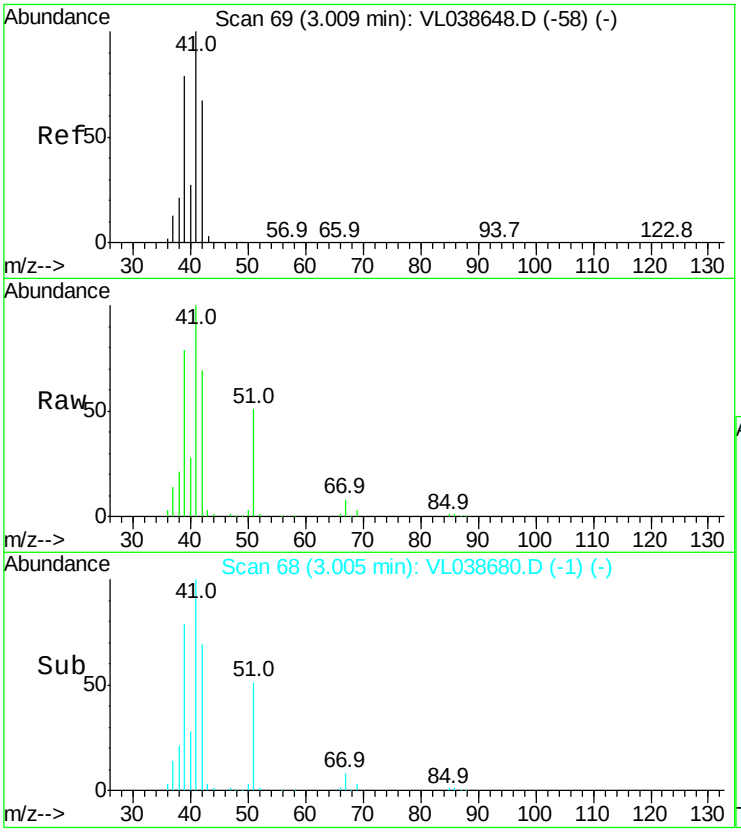


#8
Dichlorotetrafluoroethane
Concen: 9.11 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 85 Resp: 1096781

Ion	Ratio	Lower	Upper
85	100		
135	73.9	57.8	86.6



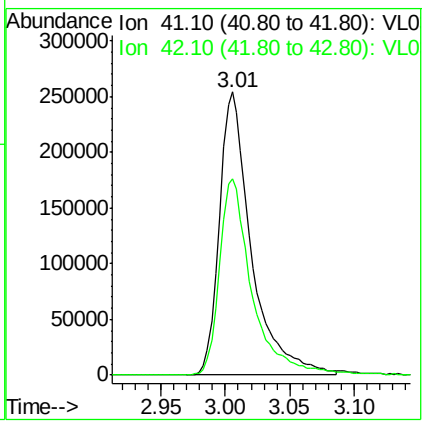


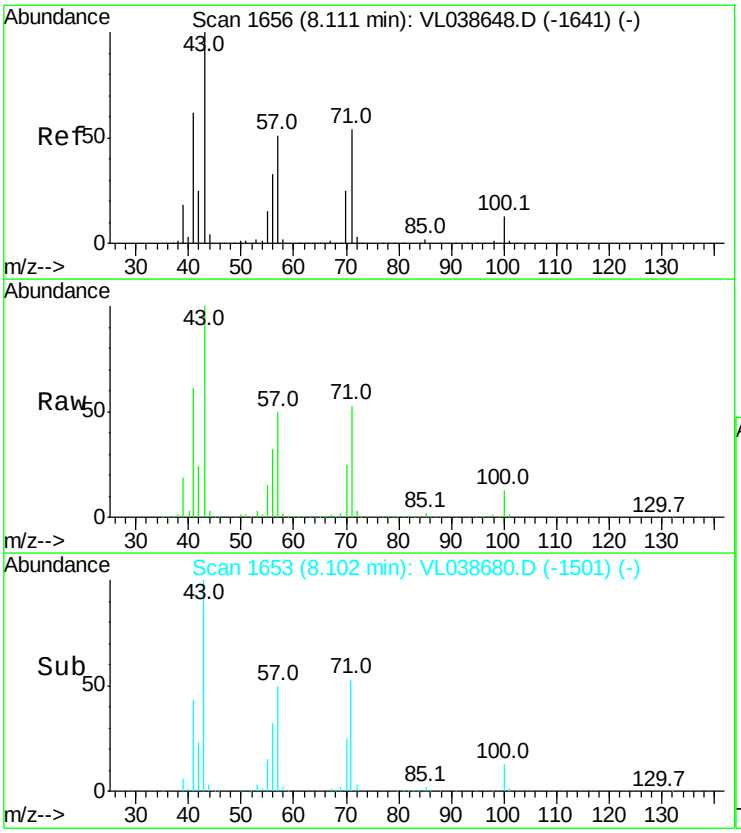
#9
Propene
Concen: 9.58 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 437943

Ion	Ratio	Lower	Upper
41	100		
42	70.8	56.2	84.4

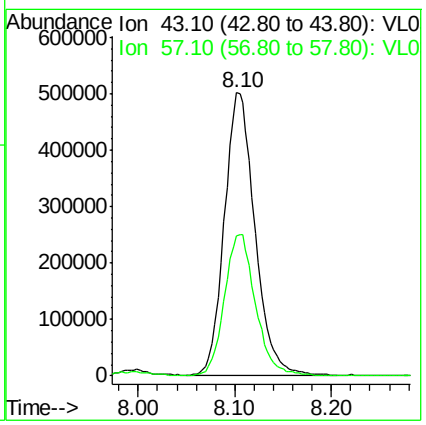


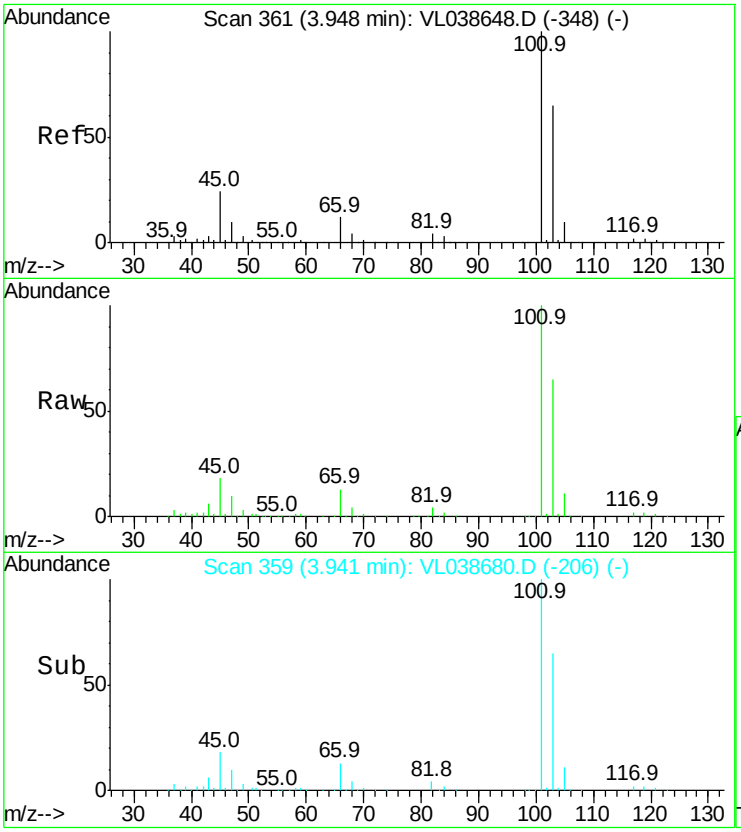


#10
Heptane
Concen: 10.02 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 43 Resp: 1095291

Ion	Ratio	Lower	Upper
43	100		
57	51.0	41.4	62.2



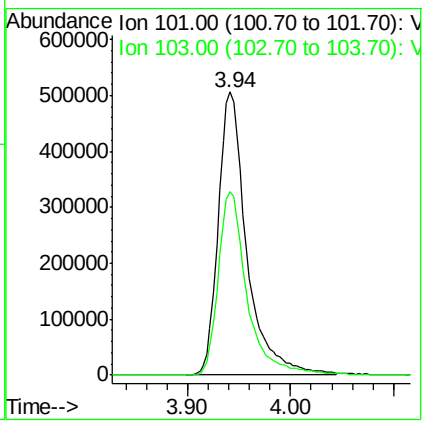


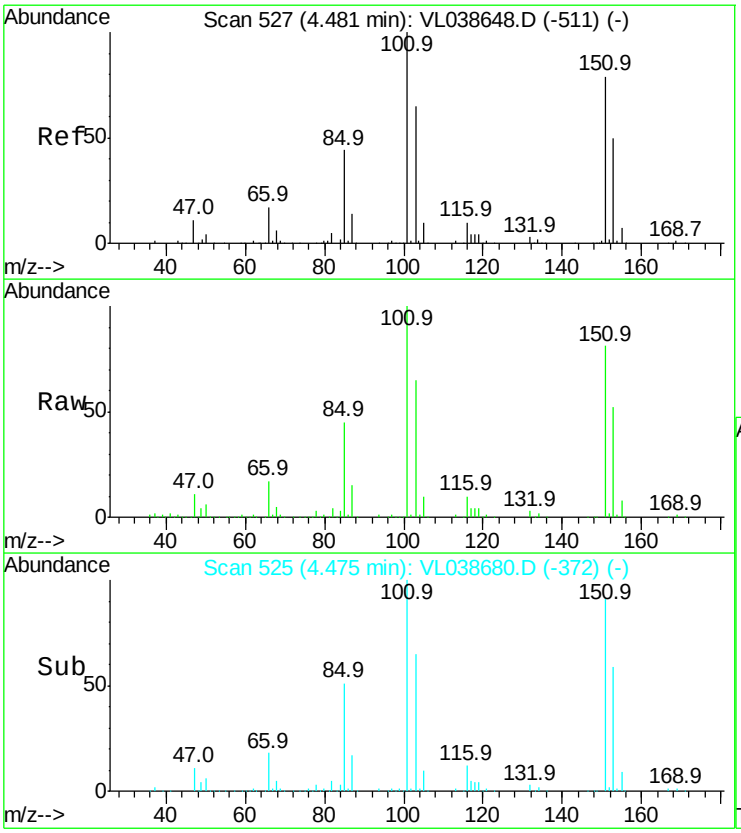
#11
Trichlorofluoromethane
Concen: 9.16 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 974955

Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.9	77.9

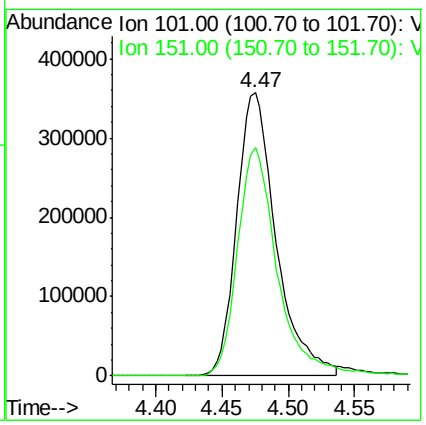


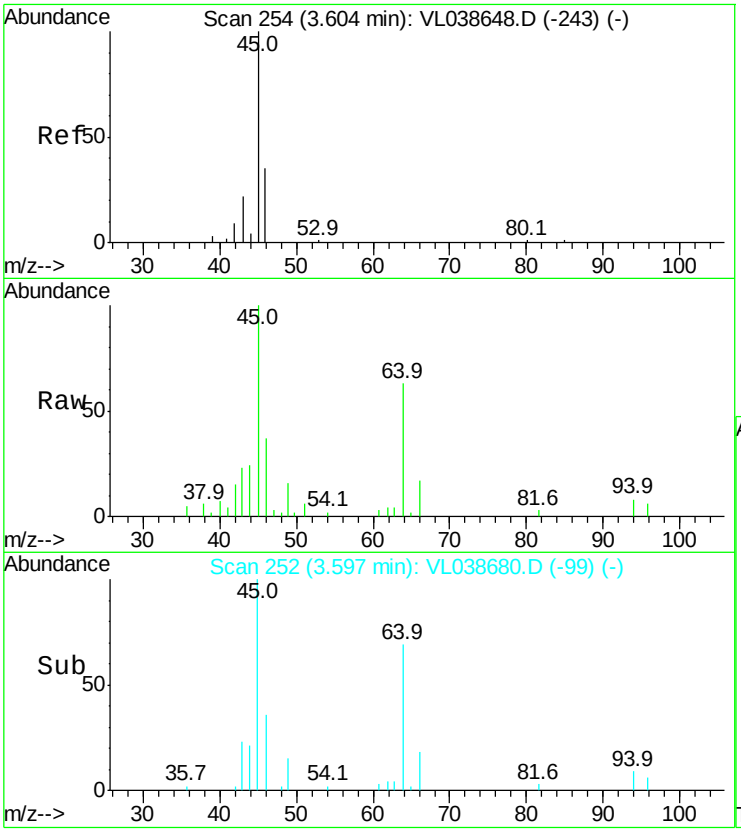


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.02 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:101 Resp: 738682

Ion	Ratio	Lower	Upper
101	100		
151	82.2	62.9	94.3



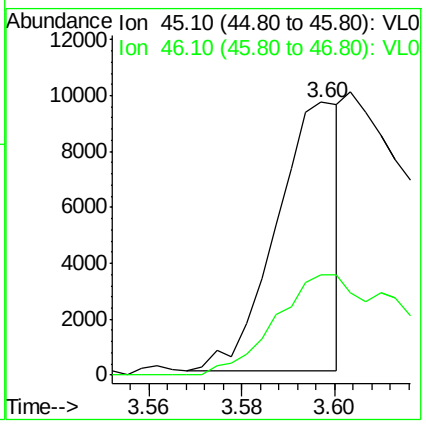


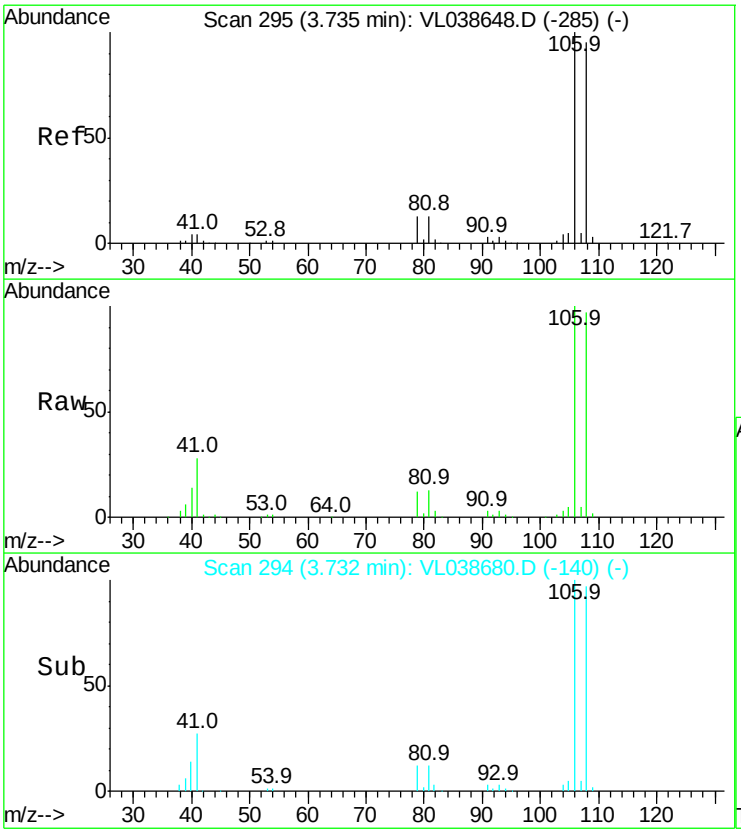
#13
Ethanol
Concen: 1.81 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 9111

Ion	Ratio	Lower	Upper
45	100		
46	109.2	15.1	60.5#

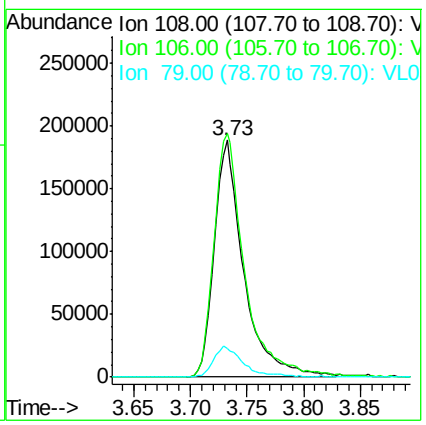


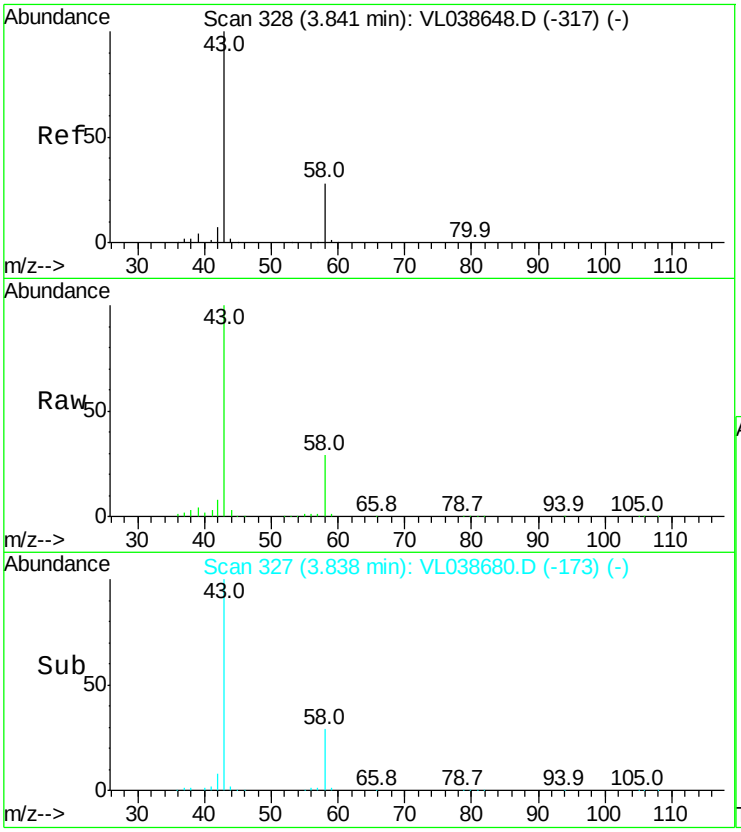


#14
Bromoethene
Concen: 9.37 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:108 Resp: 341054

Ion	Ratio	Lower	Upper
108	100		
106	107.8	88.3	132.5
79	13.8	11.2	16.8



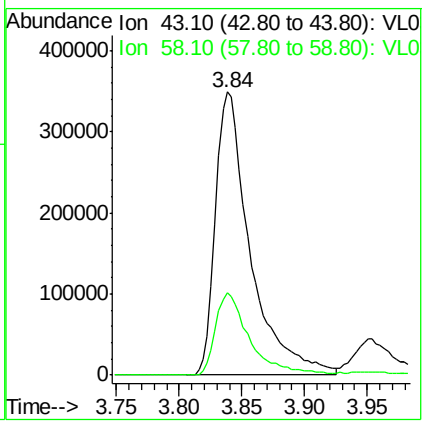


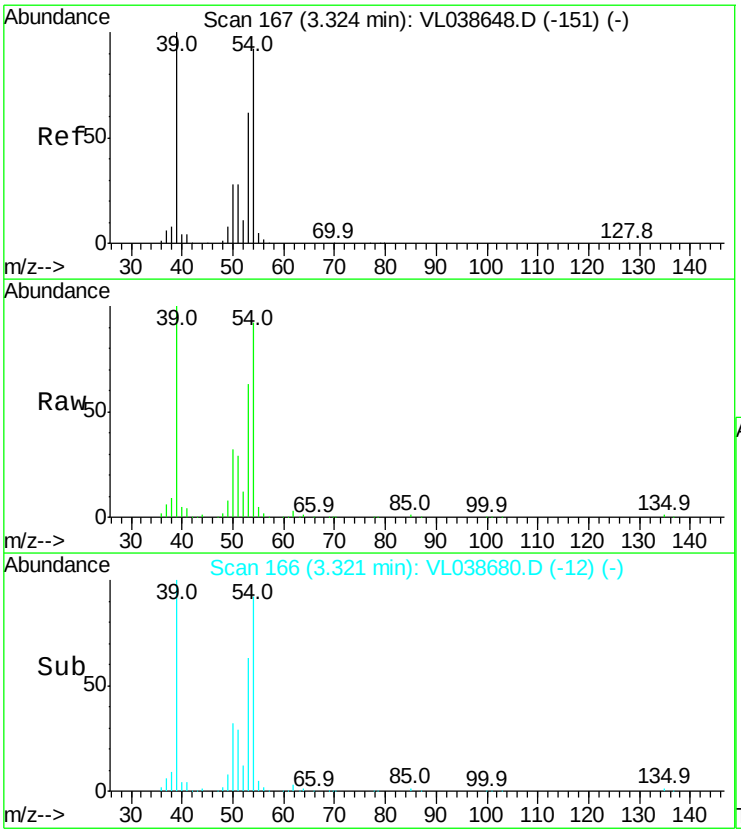
#15
Acetone
Concen: 8.72 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 674790

Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.3	34.9

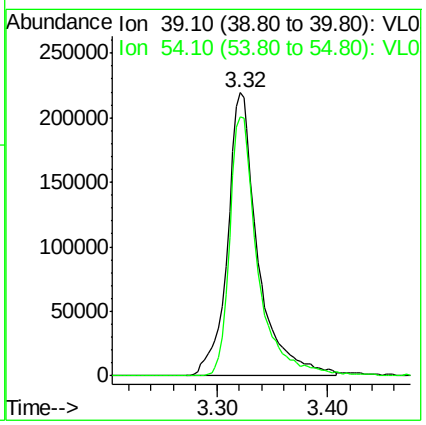


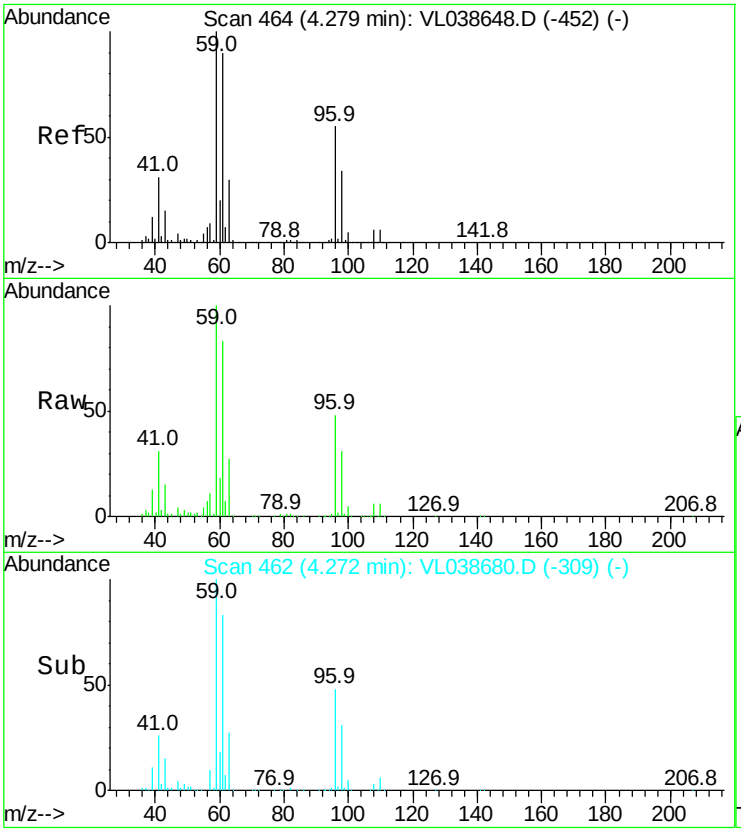


#16
1,3-Butadiene
Concen: 9.52 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 39 Resp: 418049

Ion	Ratio	Lower	Upper
39	100		
54	86.1	69.1	103.7



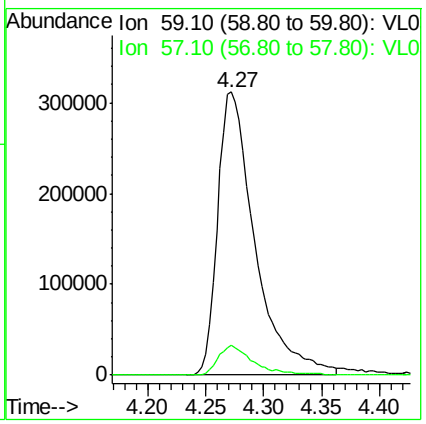


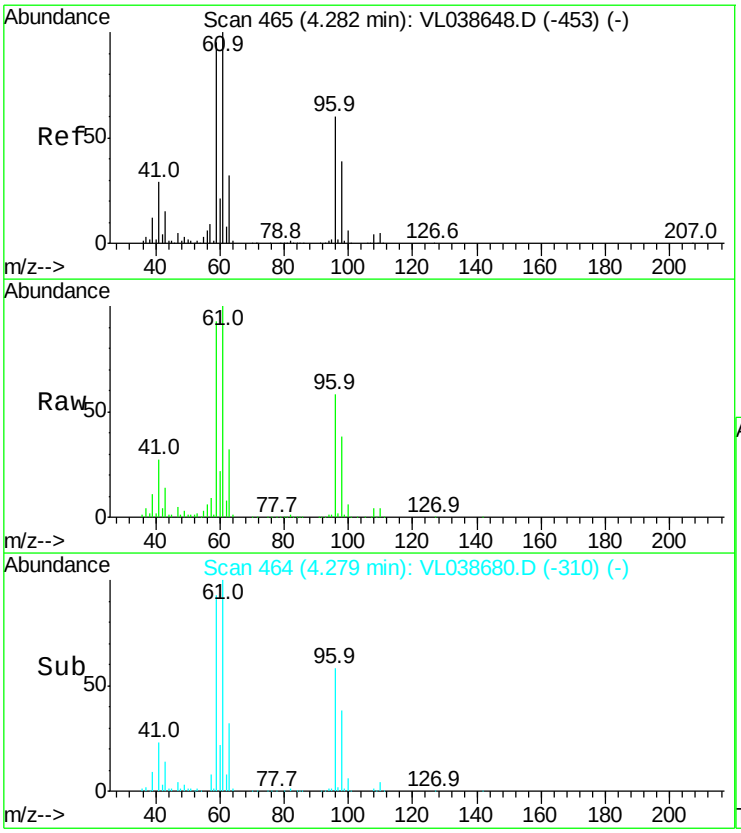
#17
tert-Butyl alcohol
Concen: 10.35 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 699649

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

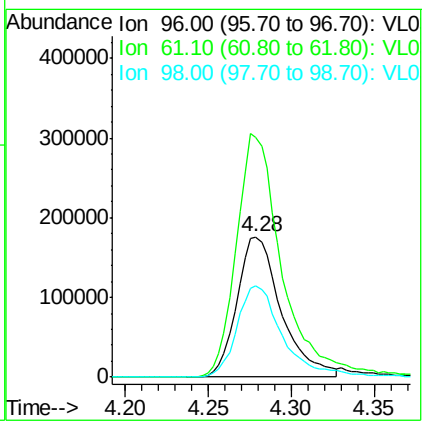


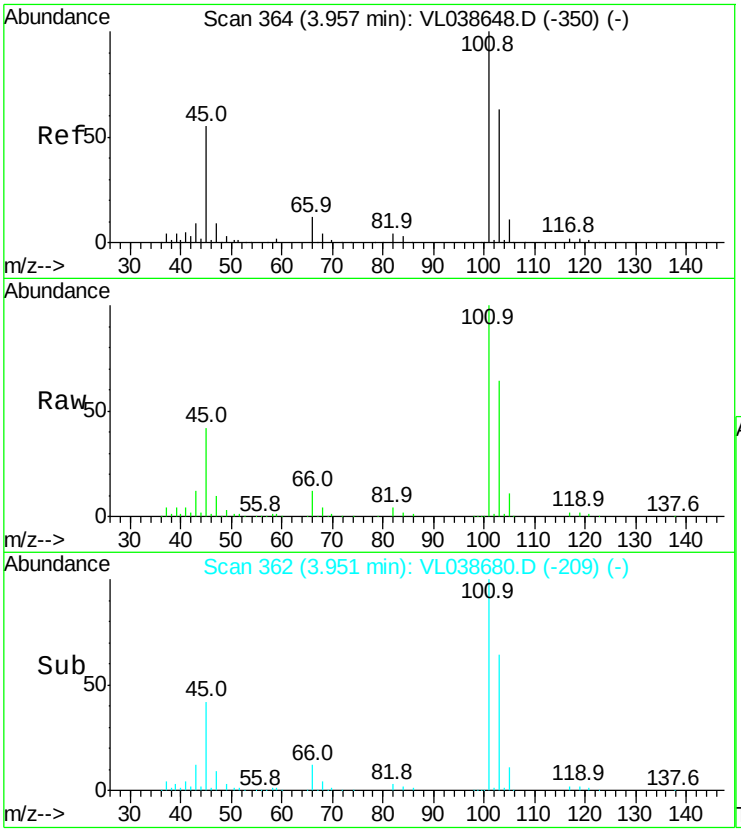


#18
1,1-Dichloroethene
Concen: 8.90 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 96 Resp: 327333

Ion	Ratio	Lower	Upper
96	100		
61	171.3	132.4	198.6
98	65.6	51.6	77.4



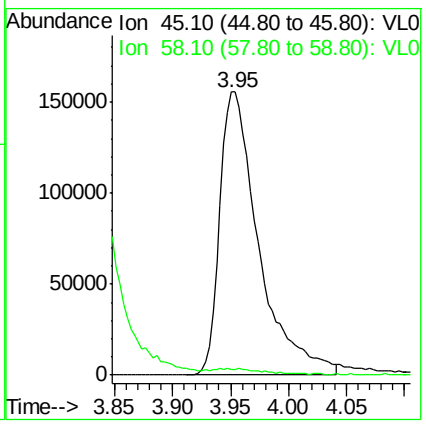


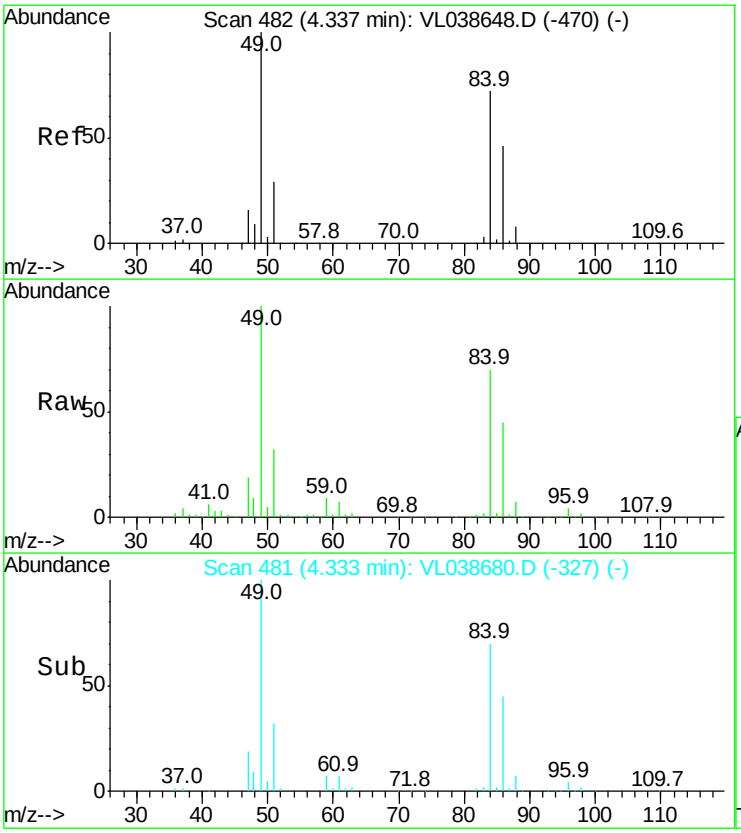
#19
Isopropyl Alcohol
Concen: 8.49 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 364244

Ion	Ratio	Lower	Upper
45	100		
58	3.3	2.3	3.5

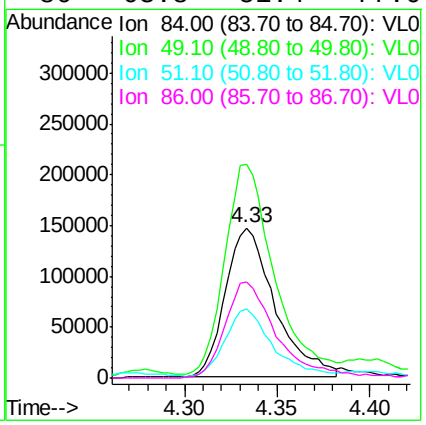


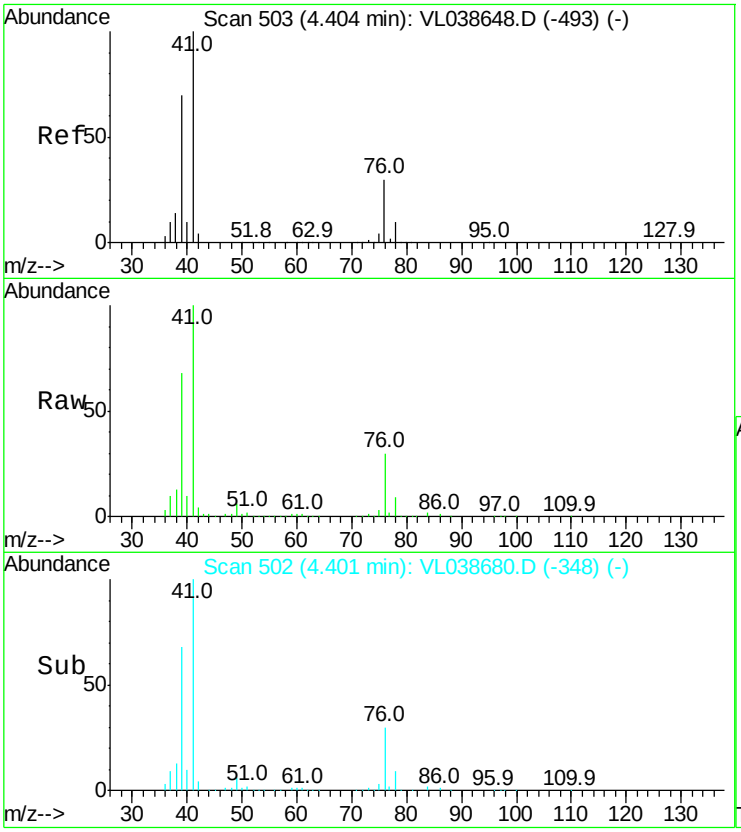


#20
Methylene Chloride
Concen: 8.43 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 84 Resp: 274735

Ion	Ratio	Lower	Upper
84	100		
49	139.8	111.2	166.8
51	44.9	32.8	49.2
86	63.8	51.4	77.0



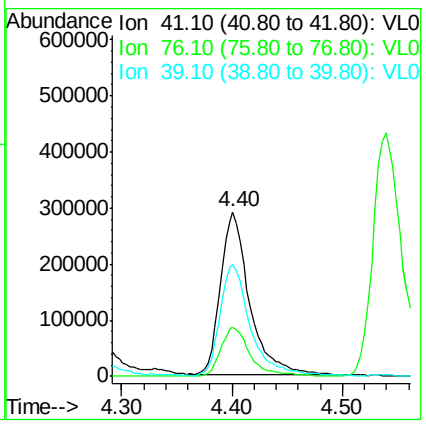


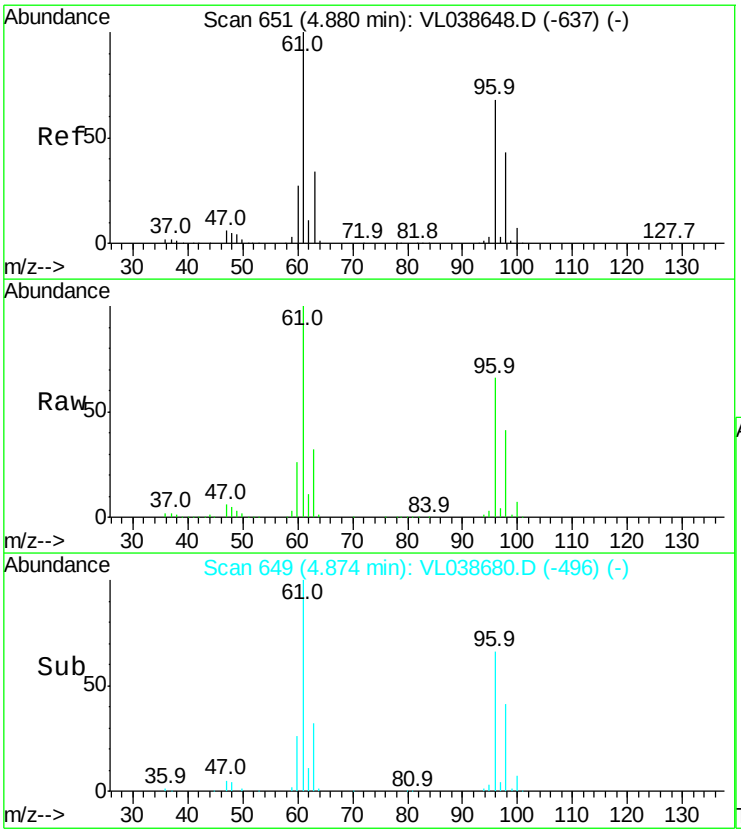
#21
Allyl Chloride
Concen: 9.50 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 529152

Ion	Ratio	Lower	Upper
41	100		
76	30.8	25.0	37.6
39	71.1	56.6	85.0

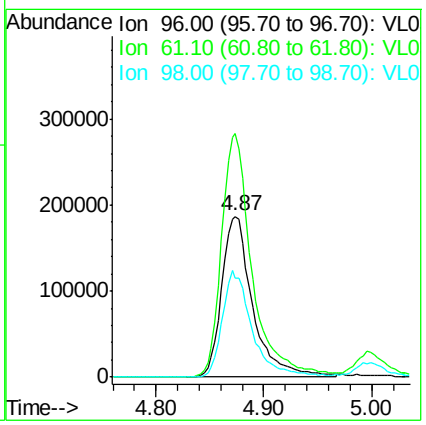


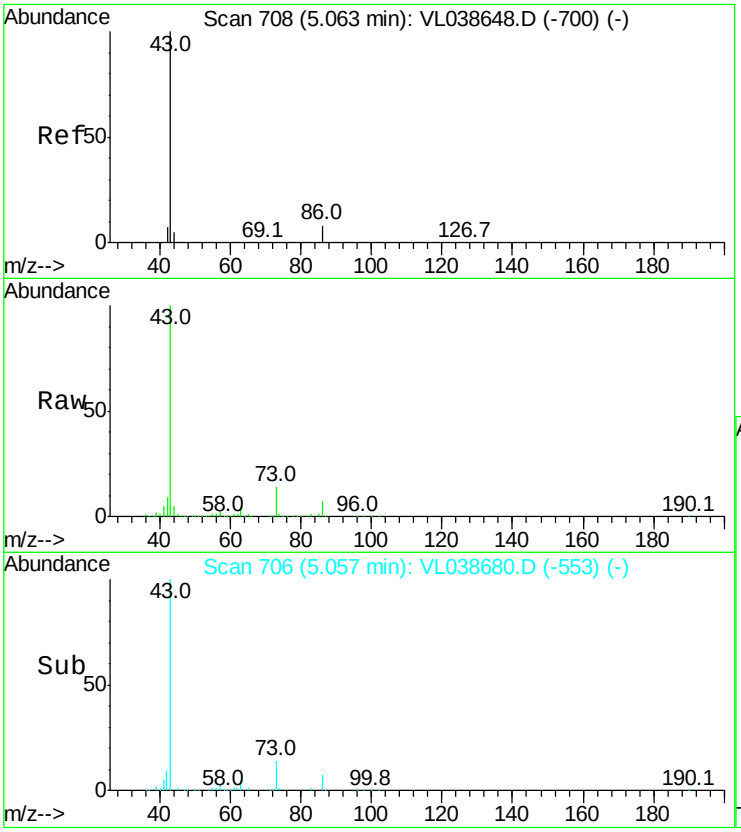


#22
trans-1,2-Dichloroethene
Concen: 9.82 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 96 Resp: 374912

Ion	Ratio	Lower	Upper
96	100		
61	151.4	118.3	177.5
98	61.4	51.3	76.9



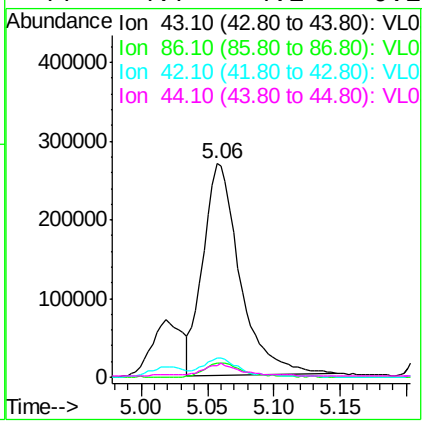


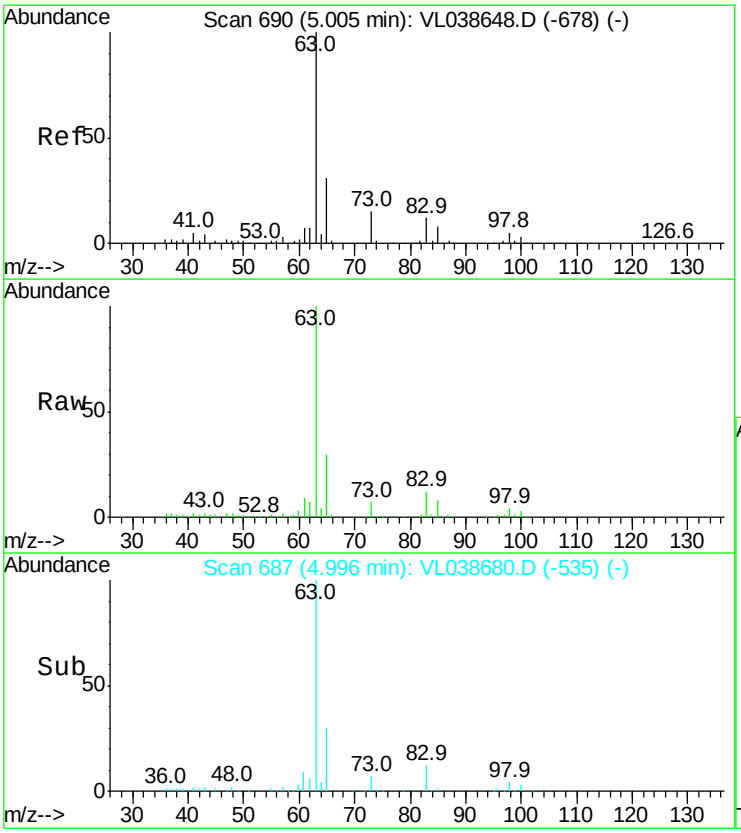
#23
Vinyl Acetate
Concen: 6.96 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 521826

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.6	8.4
42	8.6	6.8	10.2
44	4.7	4.2	6.2

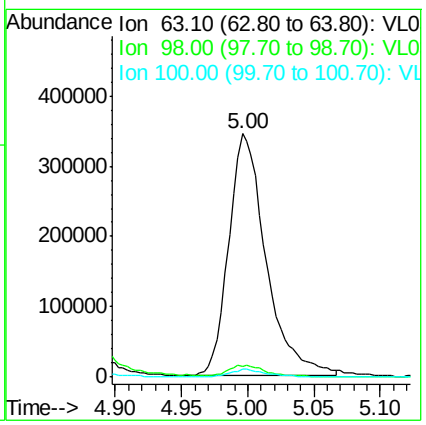


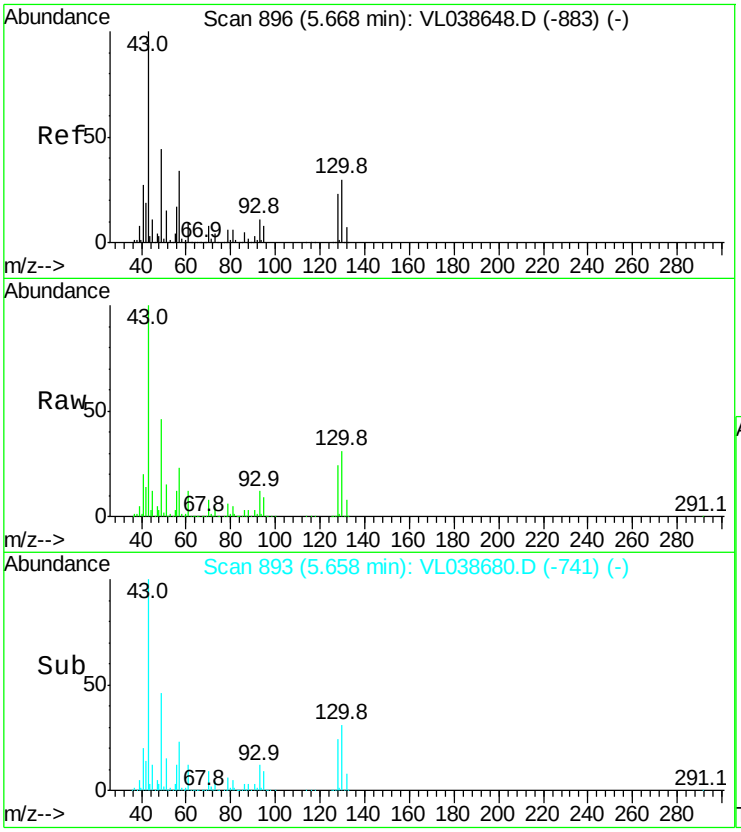


#24
1,1-Dichloroethane
Concen: 9.18 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 63 Resp: 677367

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.5	7.5
100	3.0	1.4	4.2



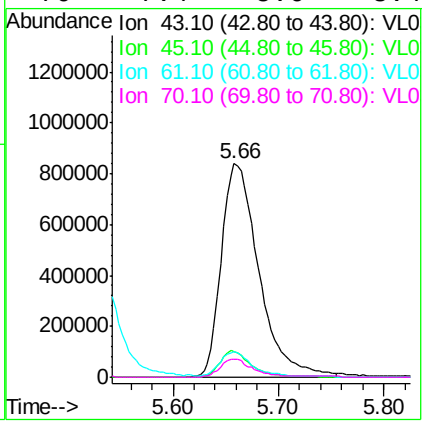


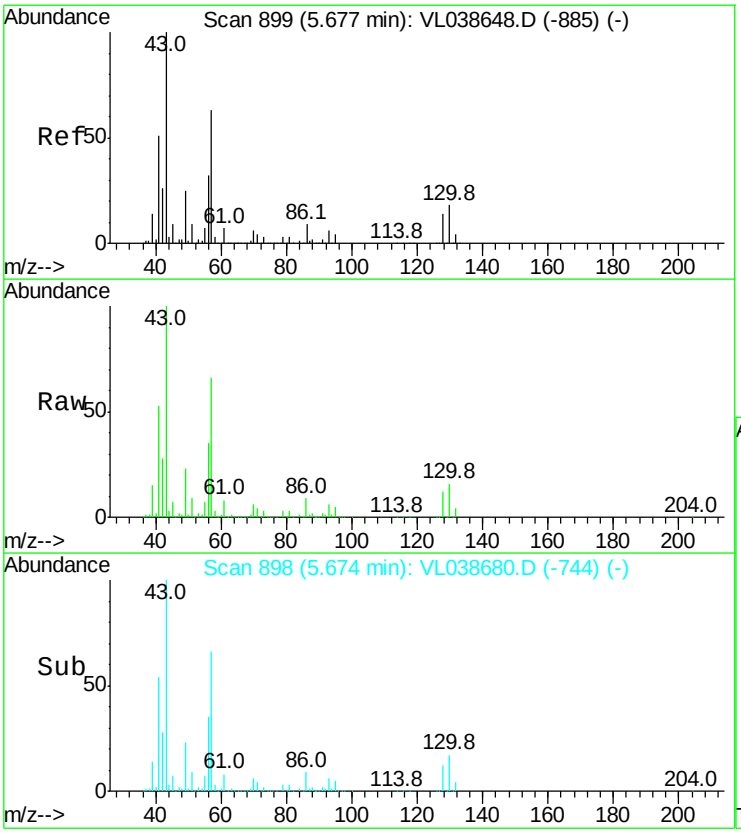
#25
Ethyl Acetate
Concen: 10.59 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2062865

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.2	12.4
61	10.8	8.3	12.5
70	7.4	5.6	8.4

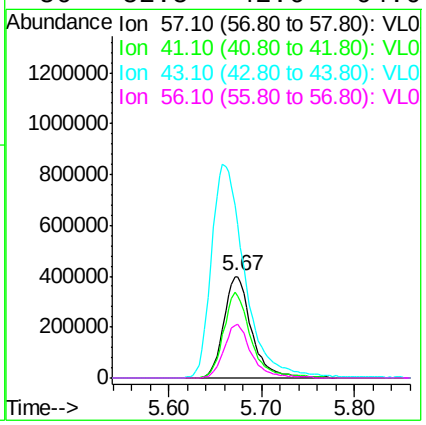


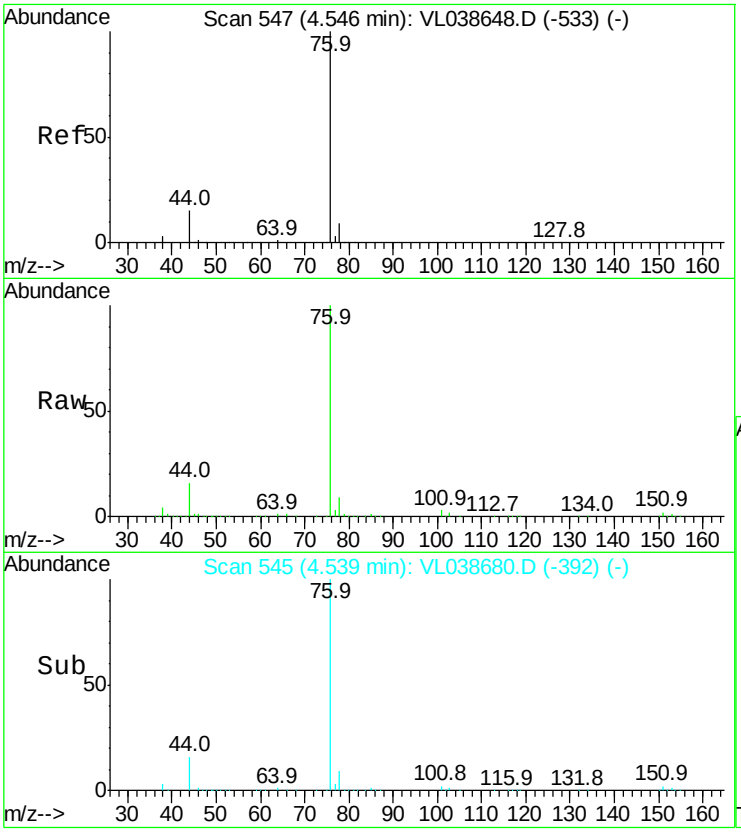


#26
Hexane
Concen: 9.51 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 57 Resp: 829726

Ion	Ratio	Lower	Upper
57	100		
41	83.4	67.0	100.4
43	252.3	184.2	276.2
56	52.5	42.6	64.0



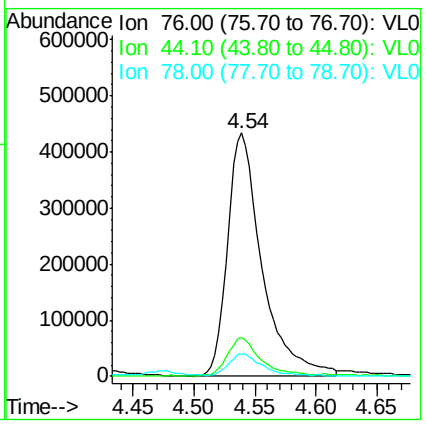


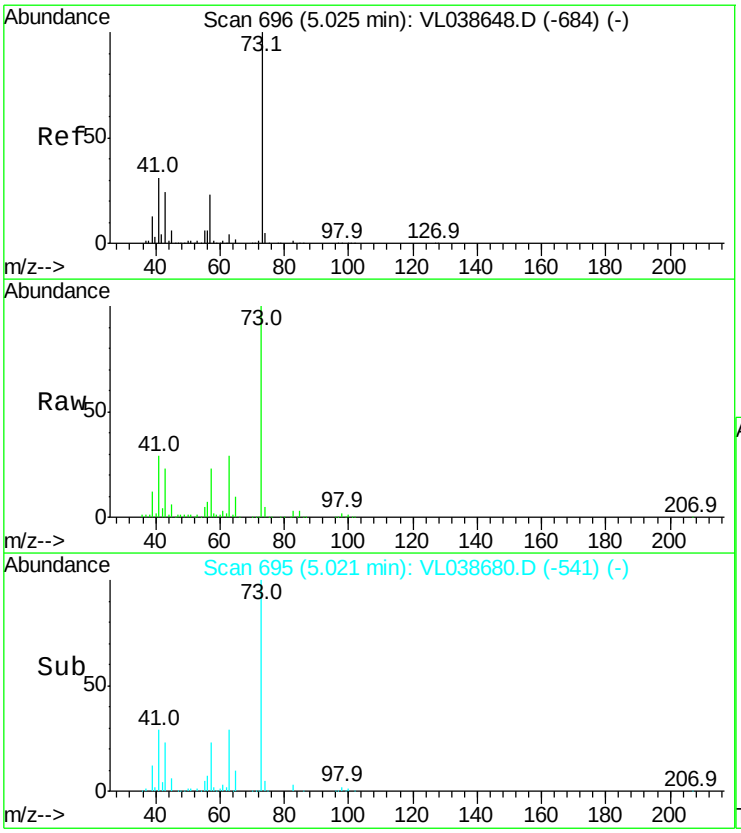
#27
Carbon Disulfide
Concen: 9.96 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 851770

Ion	Ratio	Lower	Upper
76	100		
44	15.9	12.4	18.6
78	10.0	7.8	11.8

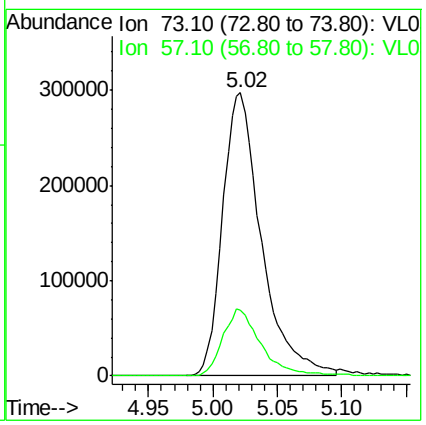


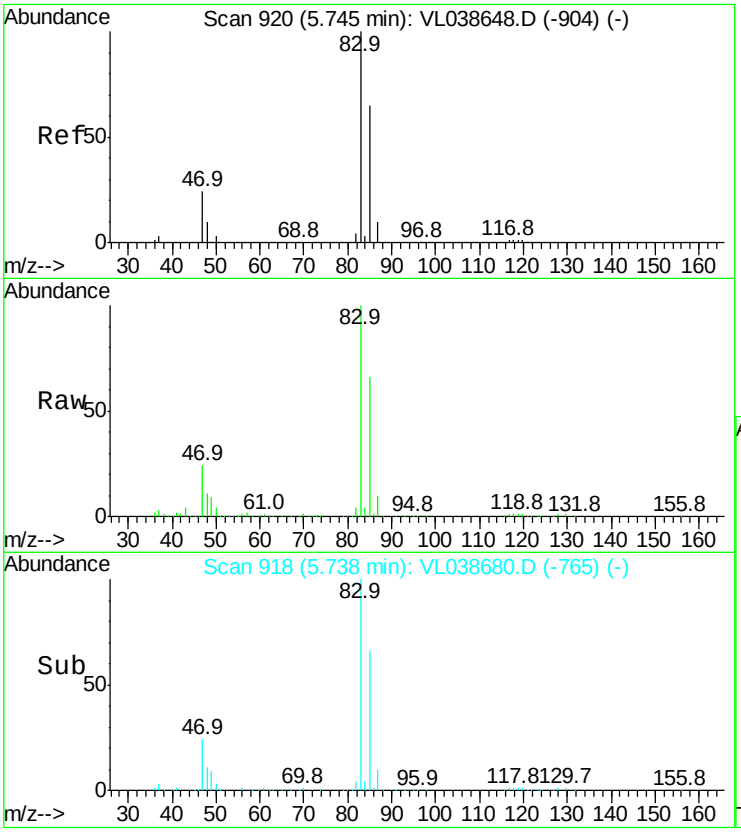


#28
Methyl tert-Butyl Ether
Concen: 9.59 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 73 Resp: 622721

Ion	Ratio	Lower	Upper
73	100		
57	23.6	19.2	28.8



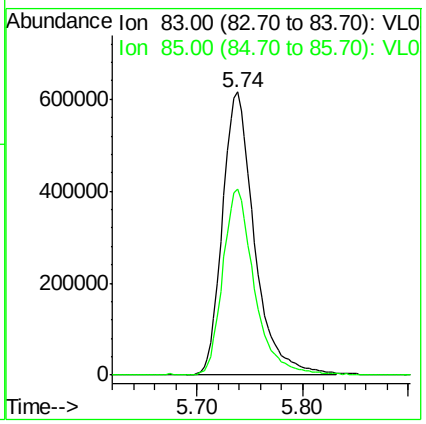


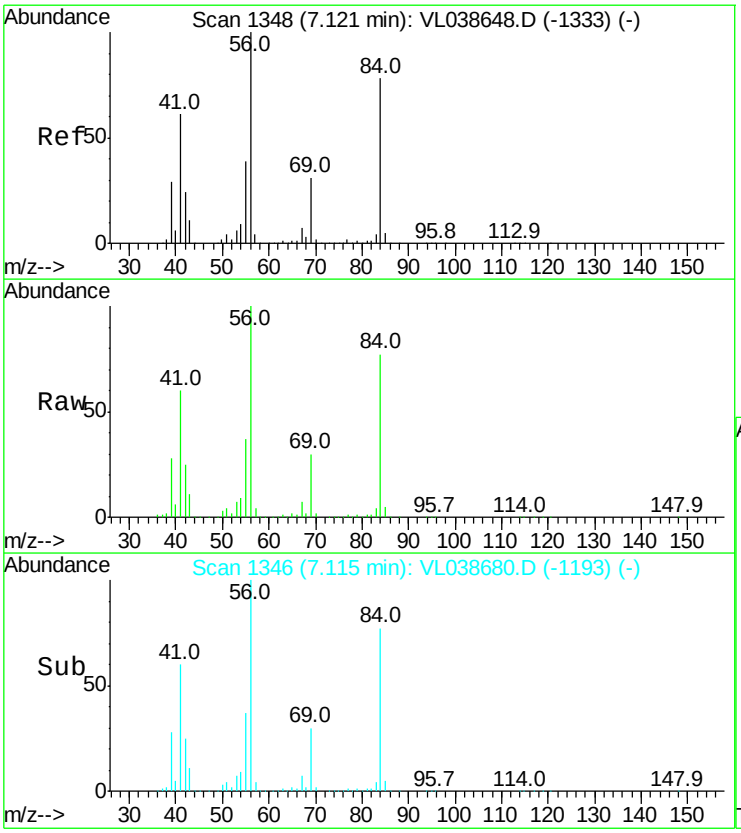
#29
Chloroform
Concen: 9.26 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1293087

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.7	77.5

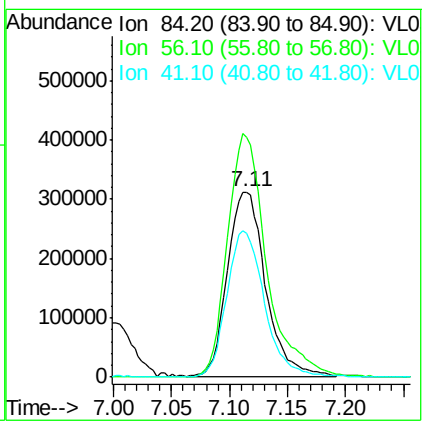


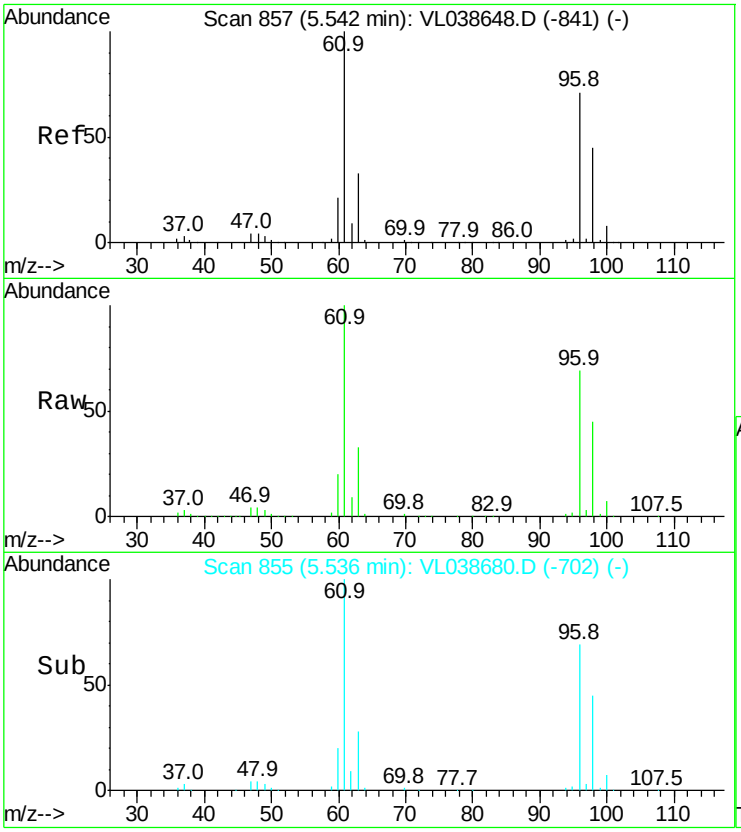


#30
Cyclohexane
Concen: 9.46 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 84 Resp: 717666

Ion	Ratio	Lower	Upper
84	100		
56	134.6	108.2	162.4
41	77.9	61.8	92.6



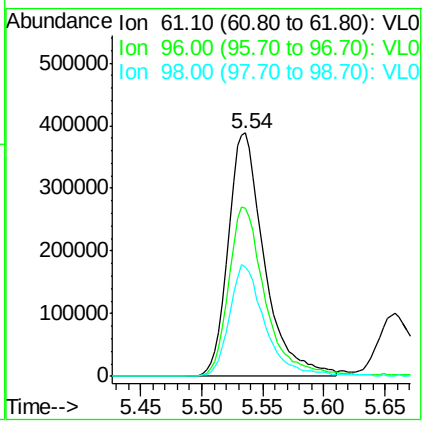


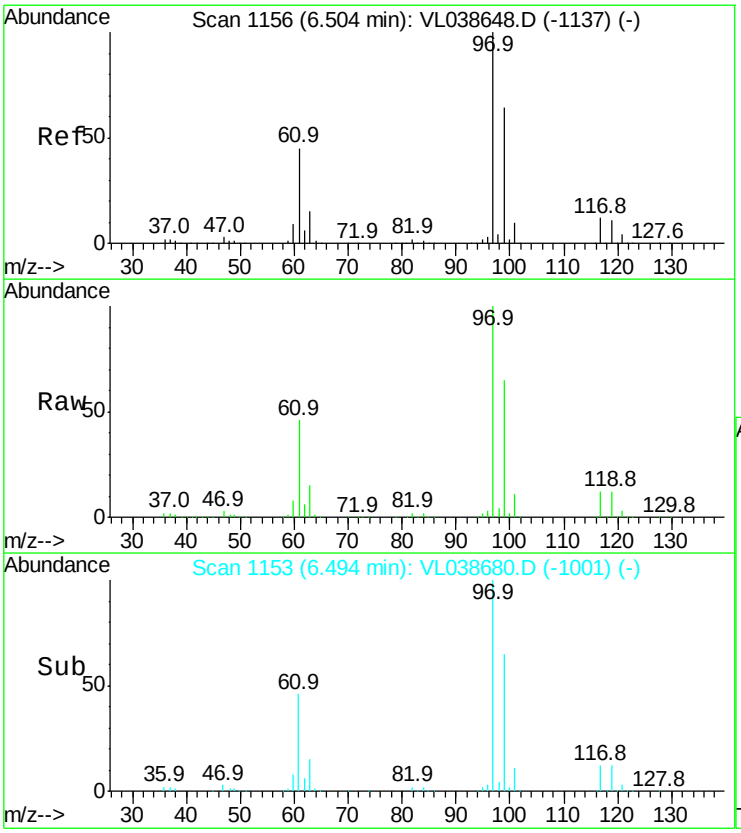
#31
cis-1,2-Dichloroethene
Concen: 9.74 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 798410

Ion	Ratio	Lower	Upper
61	100		
96	69.2	56.6	84.8
98	44.8	36.3	54.5

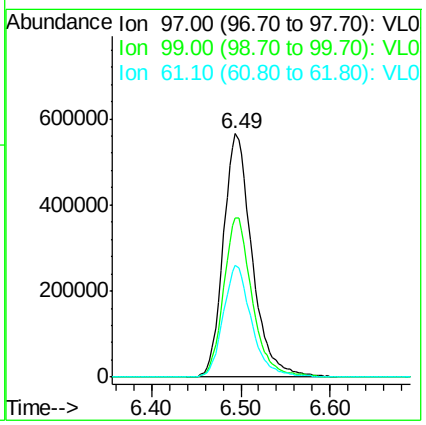


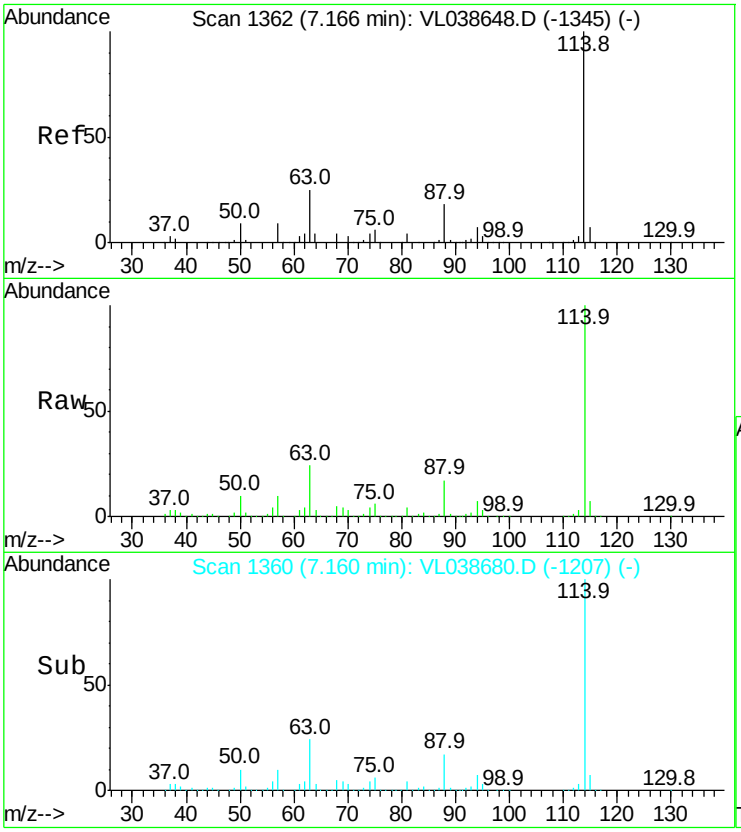


#32
1,1,1-Trichloroethane
Concen: 9.38 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 97 Resp: 1263731

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.8
61	45.2	36.7	55.1



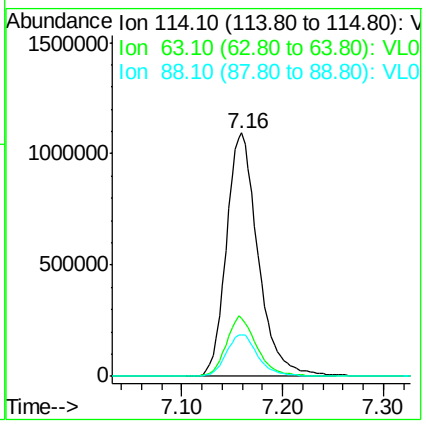


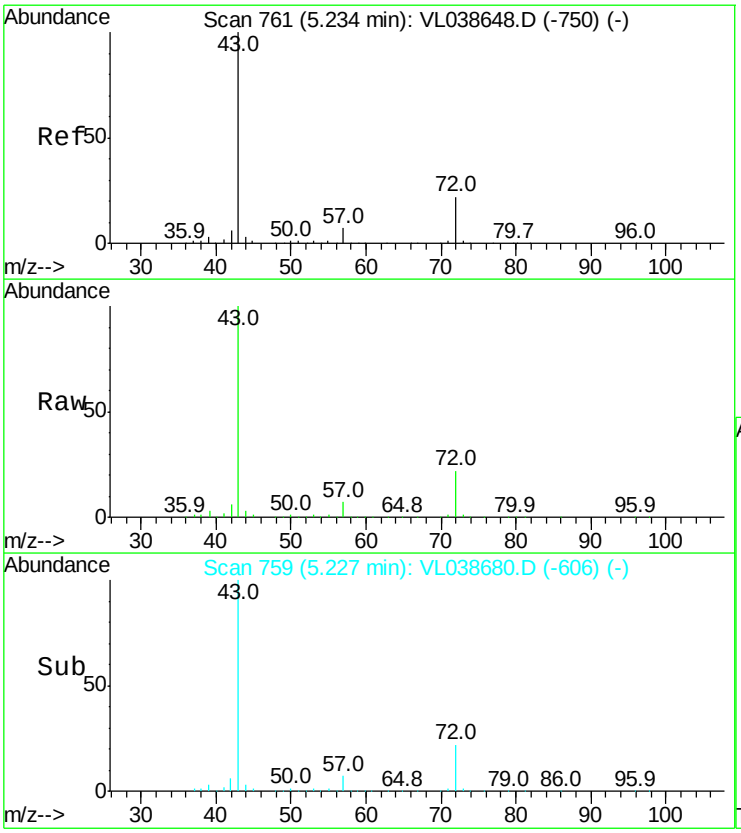
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2392104

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.0
88	17.2	13.9	20.9

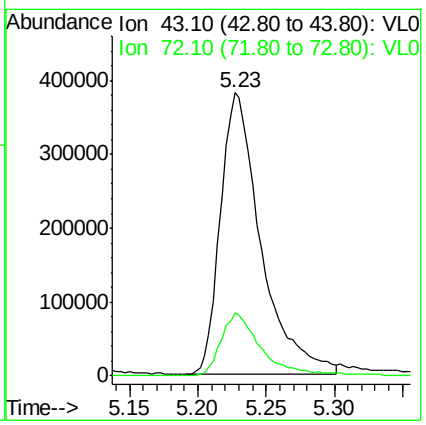


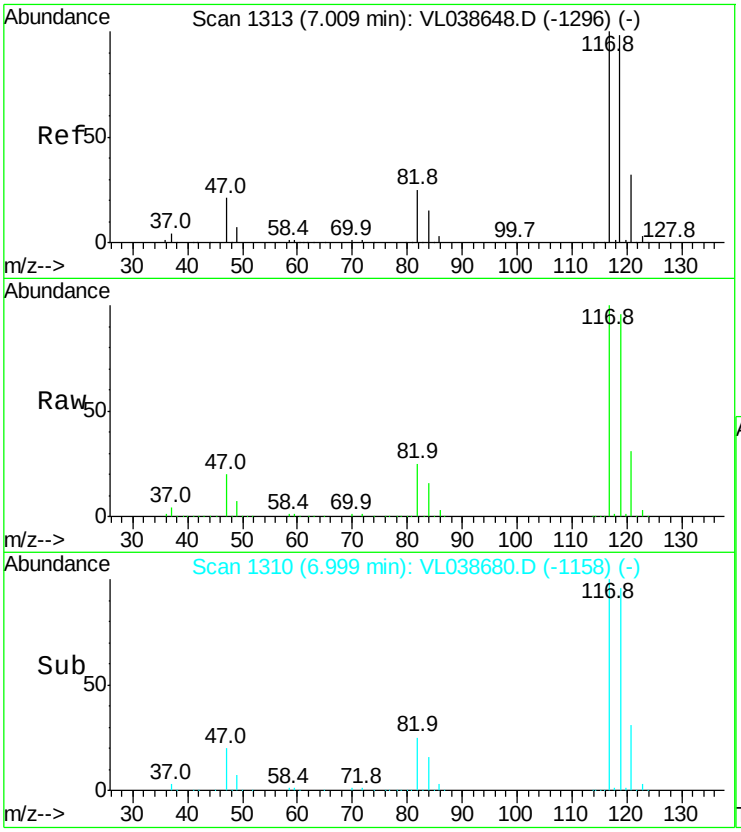


#34
2-Butanone
Concen: 8.32 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 43 Resp: 787801

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.8	26.8



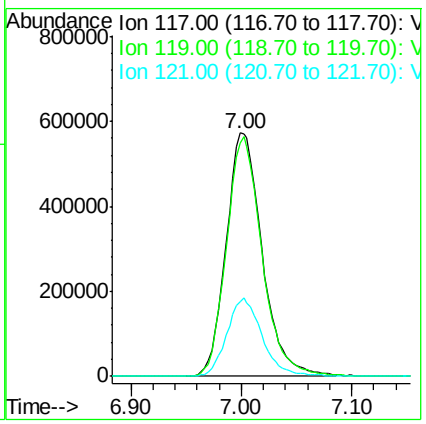


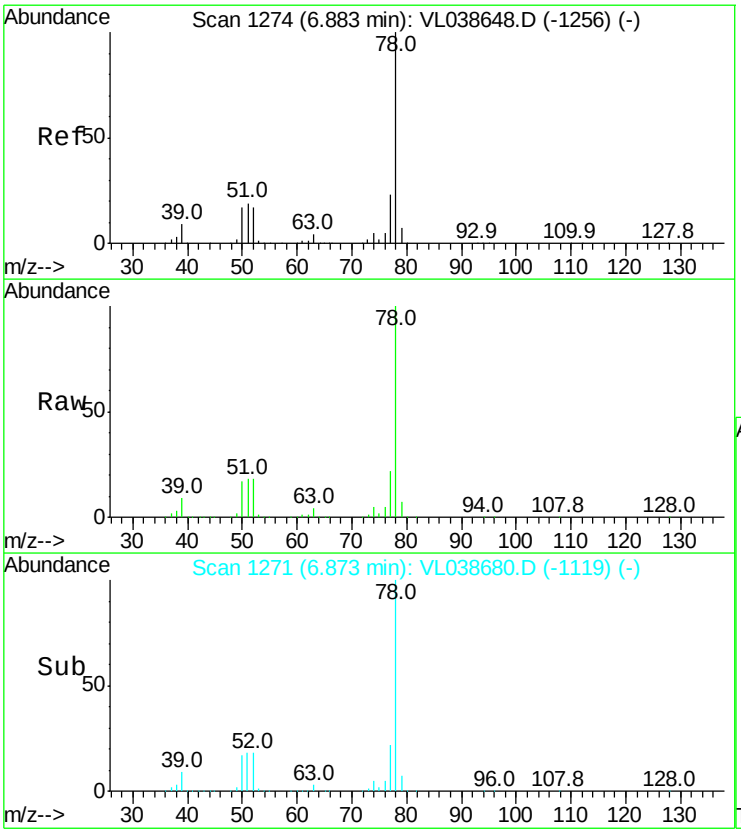
#35
Carbon Tetrachloride
Concen: 9.36 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1299415

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.1	117.1
121	30.8	25.8	38.6

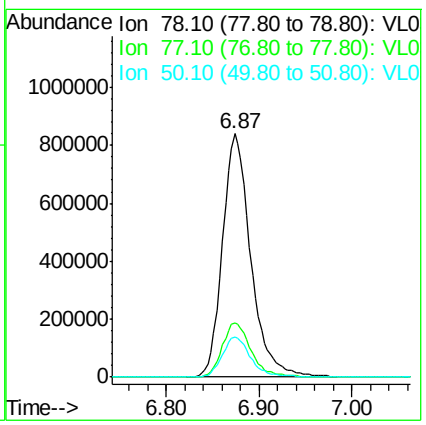


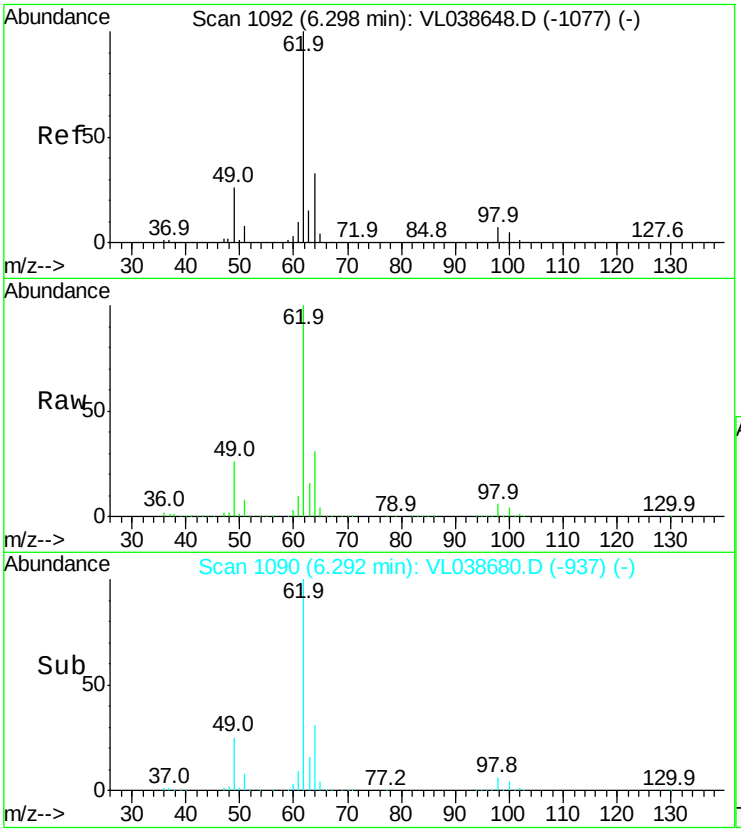


#36
Benzene
Concen: 9.64 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 78 Resp: 1780651

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.1	27.1
50	16.6	13.6	20.4



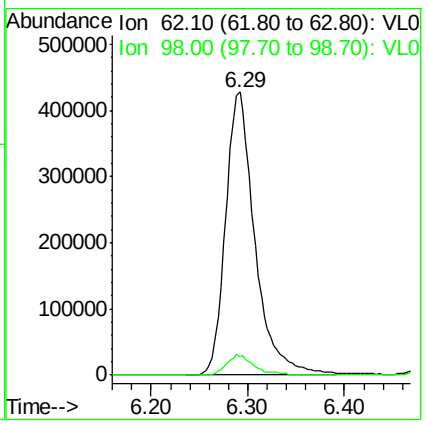


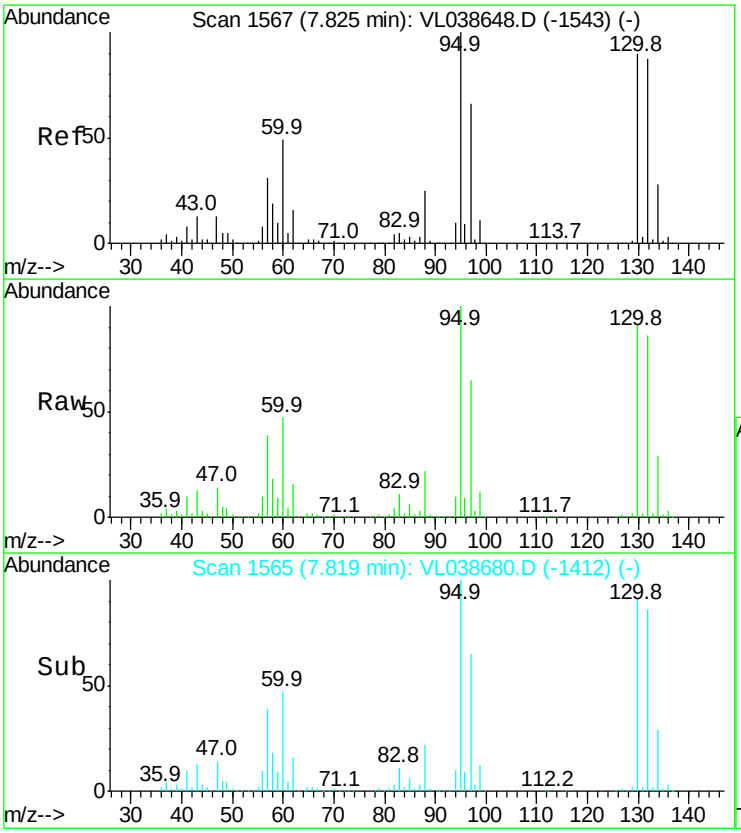
#37
1,2-Dichloroethane
Concen: 9.58 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 899667

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.6	8.4

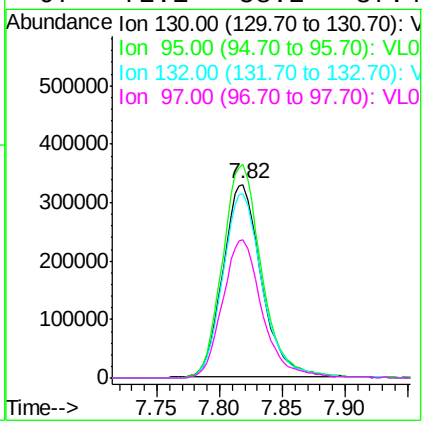


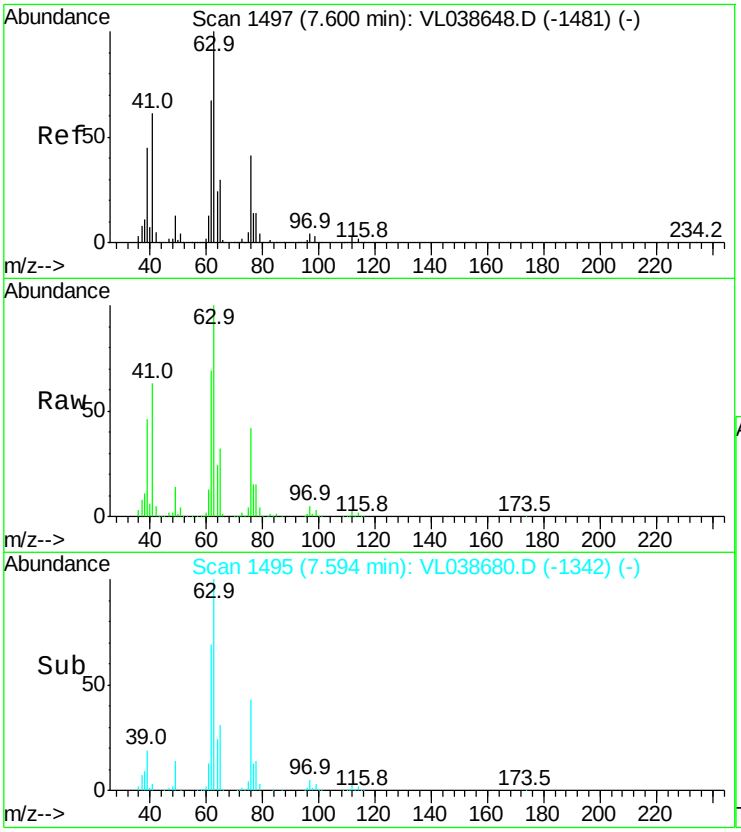


#38
Trichloroethene
Concen: 9.05 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:130 Resp: 700214

Ion	Ratio	Lower	Upper
130	100		
95	110.7	88.9	133.3
132	95.9	77.4	116.0
97	72.1	58.2	87.4



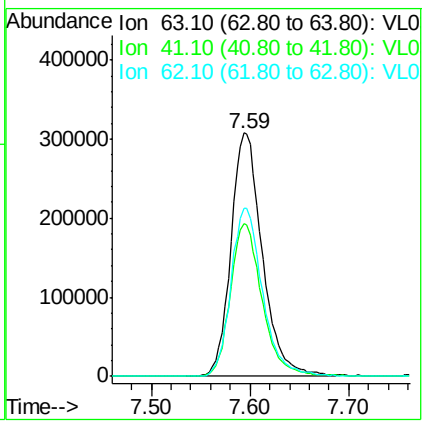


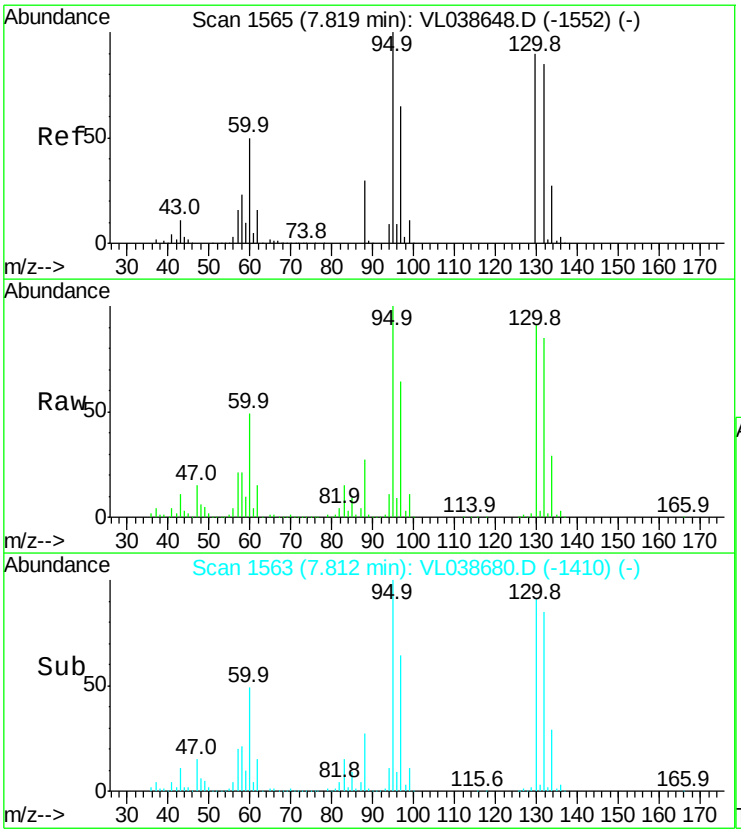
#39
1,2-Dichloropropane
Concen: 9.43 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 680356

Ion	Ratio	Lower	Upper
63	100		
41	62.9	49.0	73.6
62	68.9	53.9	80.9

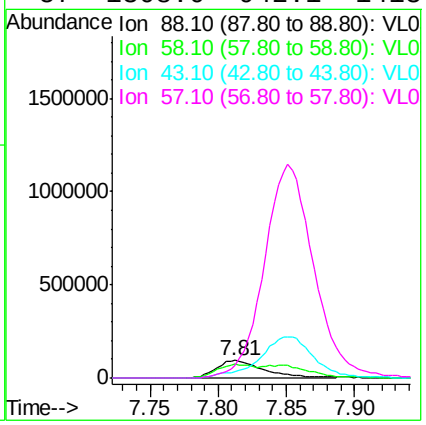


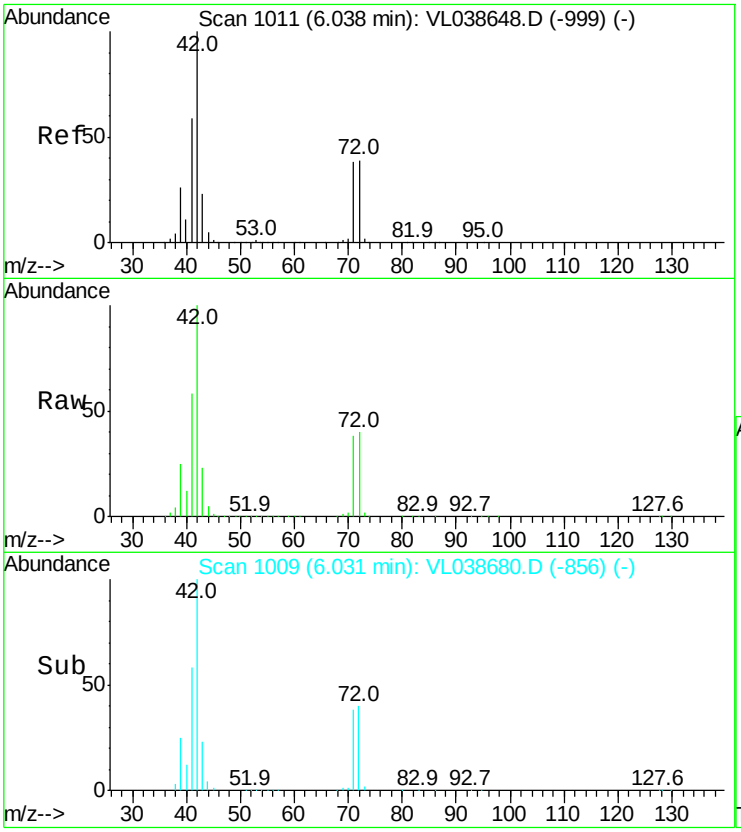


#40
1,4-Dioxane
Concen: 8.89 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 88 Resp: 222740

Ion	Ratio	Lower	Upper
88	100		
58	139.6	105.6	158.4
43	275.9	201.9	302.9
57	1308.0	942.1	1413.1



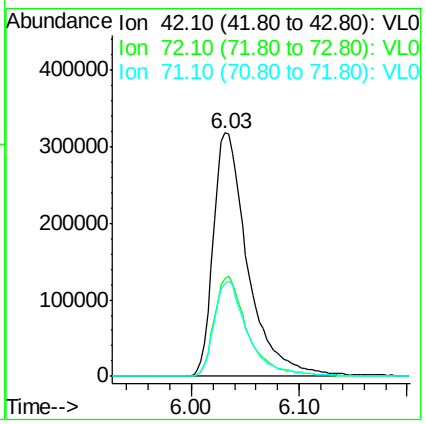


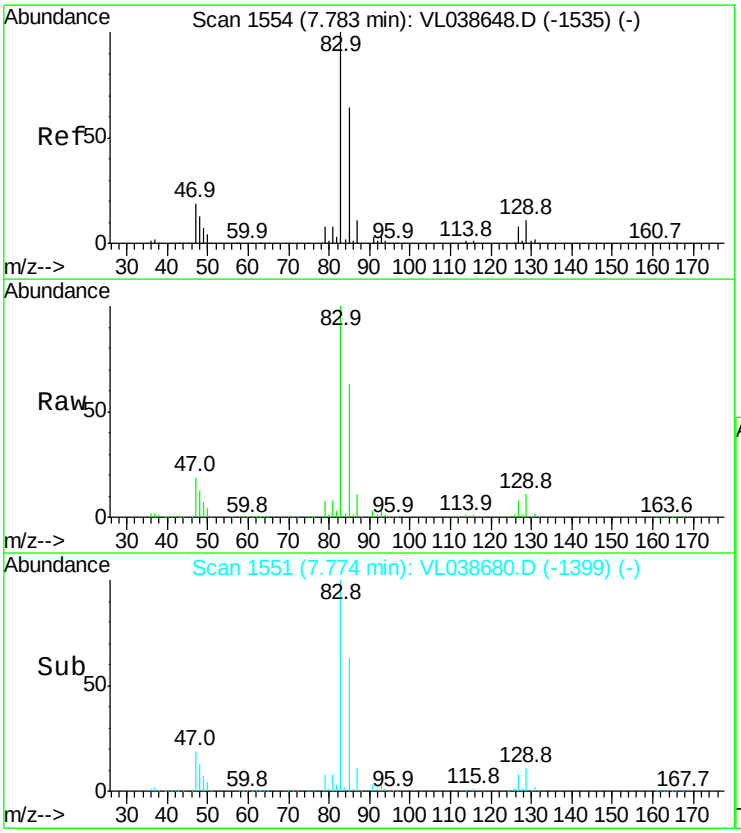
#41
Tetrahydrofuran
Concen: 10.01 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 705419

Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.5	48.7
71	38.7	31.4	47.2

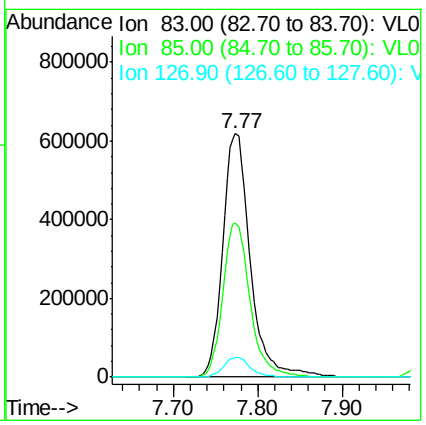


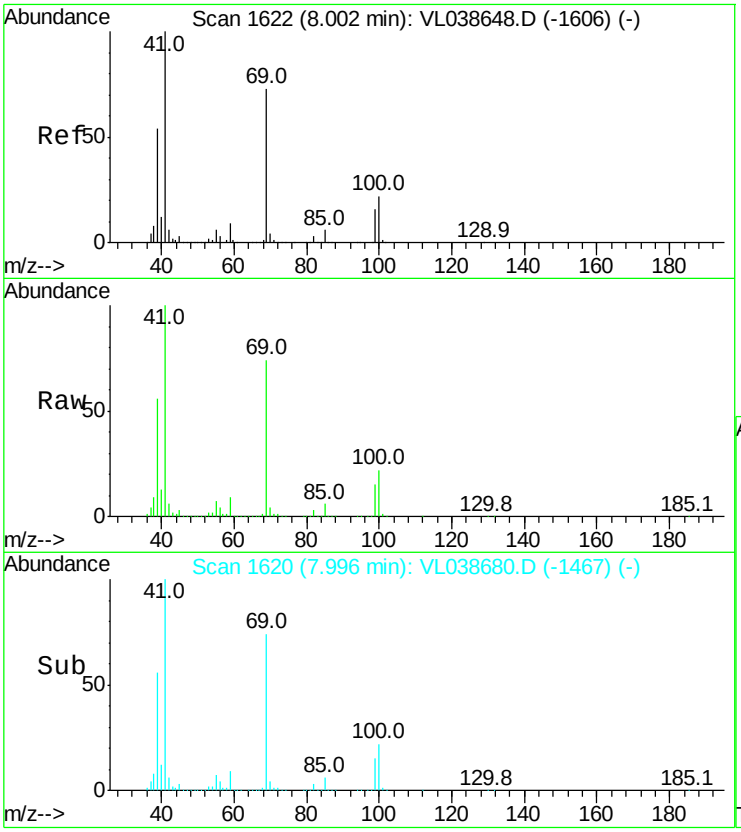


#42
Bromodichloromethane
Concen: 9.96 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 83 Resp: 1402241

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7
127	8.1	6.5	9.7



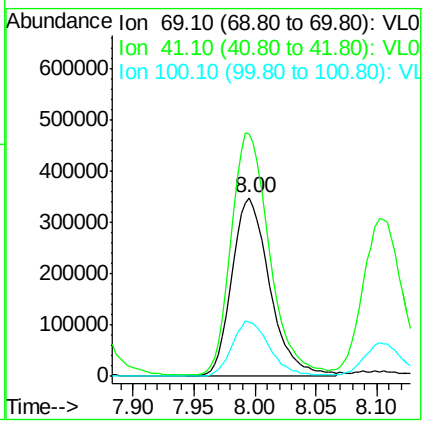


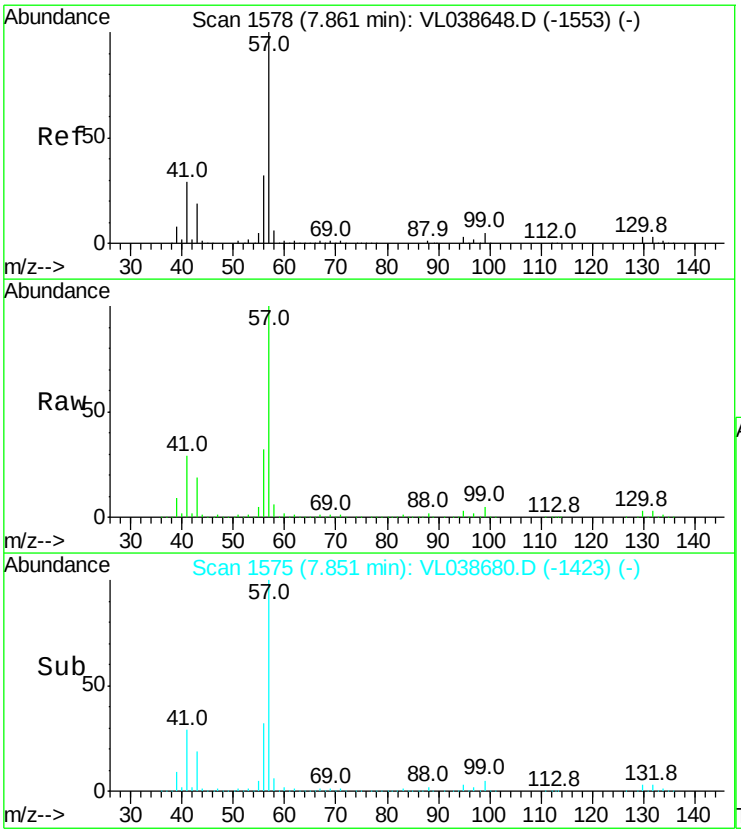
#43
Methyl Methacrylate
Concen: 10.97 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 751965

Ion	Ratio	Lower	Upper
69	100		
41	138.8	110.3	165.5
100	31.0	24.8	37.2

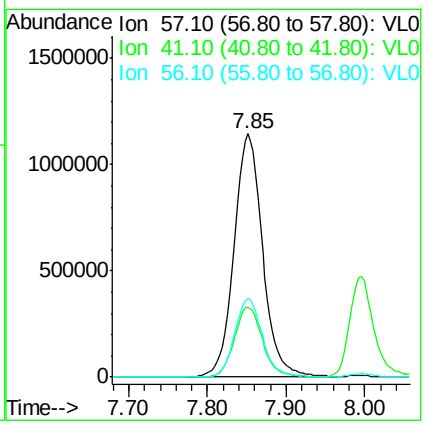


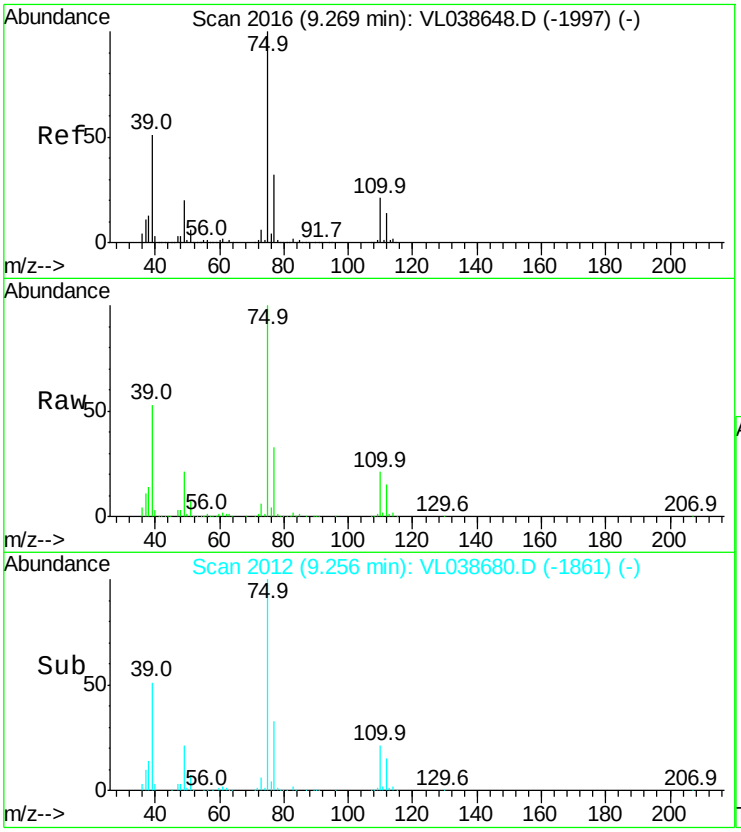


#44
2,2,4-Trimethylpentane
Concen: 9.40 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 57 Resp: 2912679

Ion	Ratio	Lower	Upper
57	100		
41	28.4	23.0	34.4
56	31.5	25.3	37.9



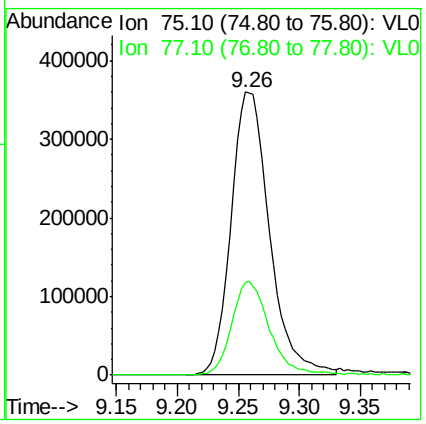


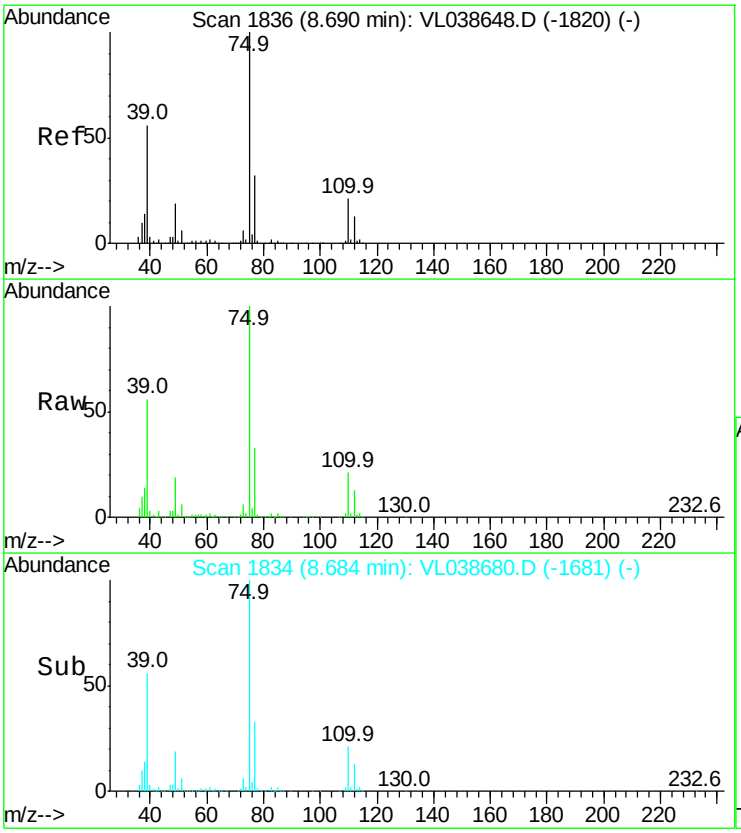
#45
t-1,3-Dichloropropene
Concen: 11.32 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 788584

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3

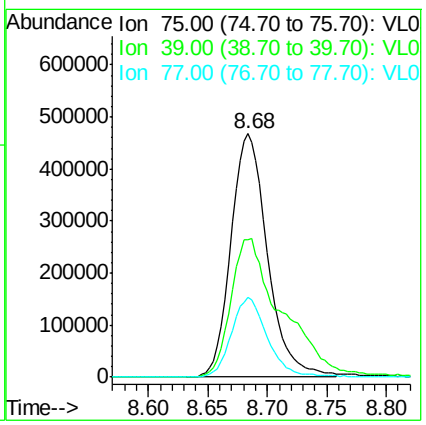


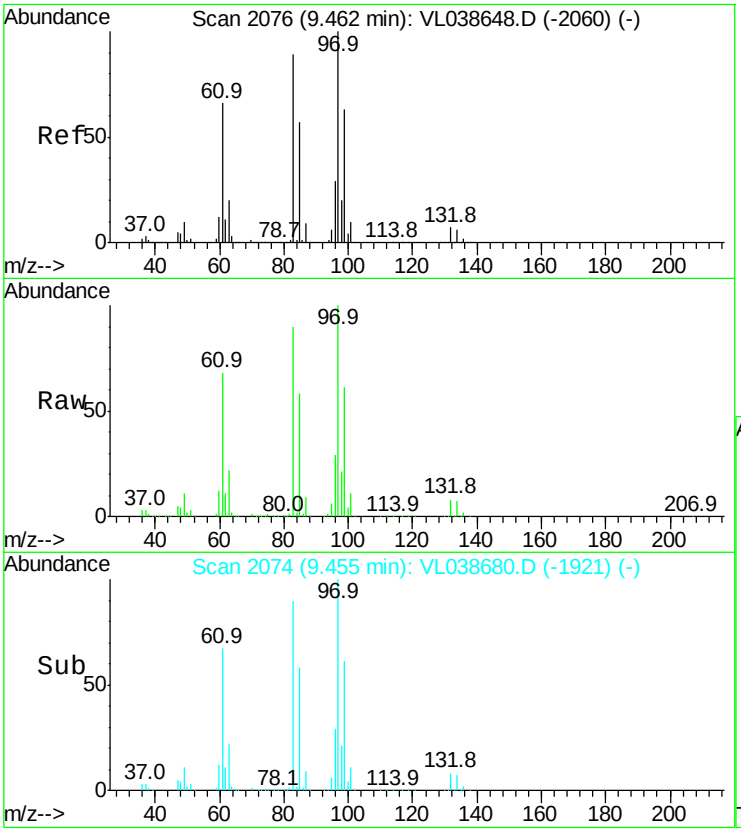


#46
cis-1,3-Dichloropropene
Concen: 10.57 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 75 Resp: 996373

Ion	Ratio	Lower	Upper
75	100		
39	56.2	44.8	67.2
77	33.0	25.4	38.0



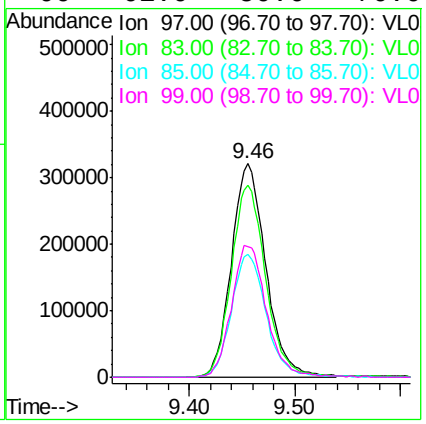


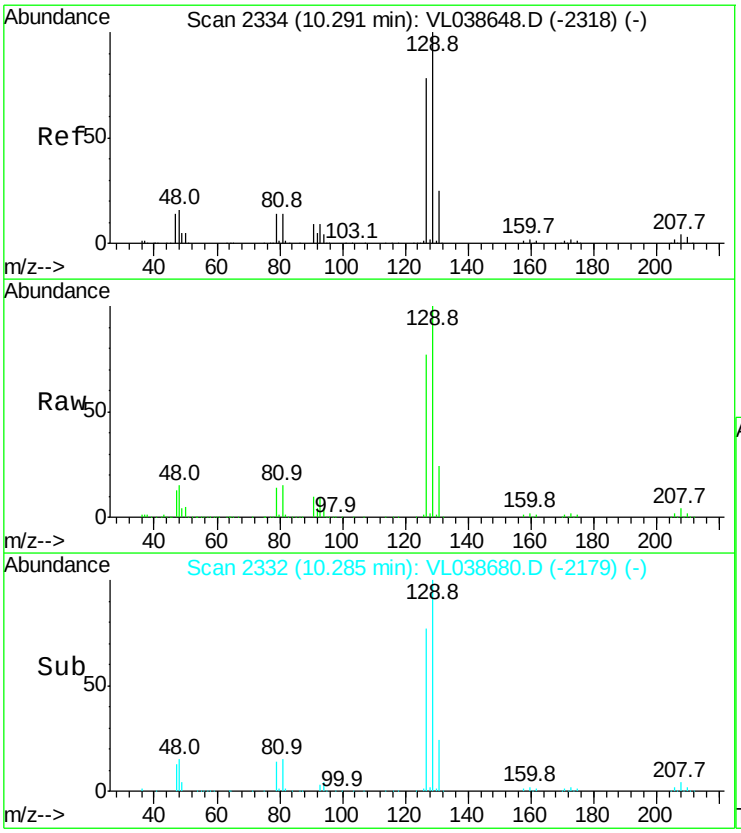
#47
1,1,2-Trichloroethane
Concen: 9.43 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 726587

Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.2	106.8
85	57.8	45.3	67.9
99	61.0	50.6	76.0

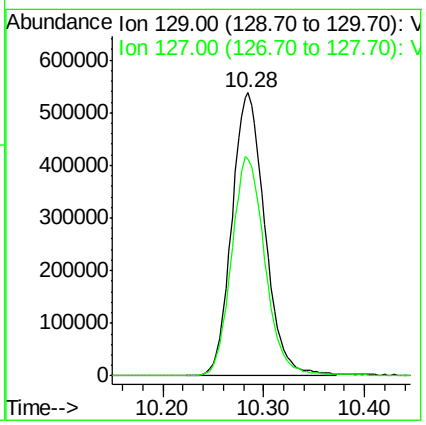


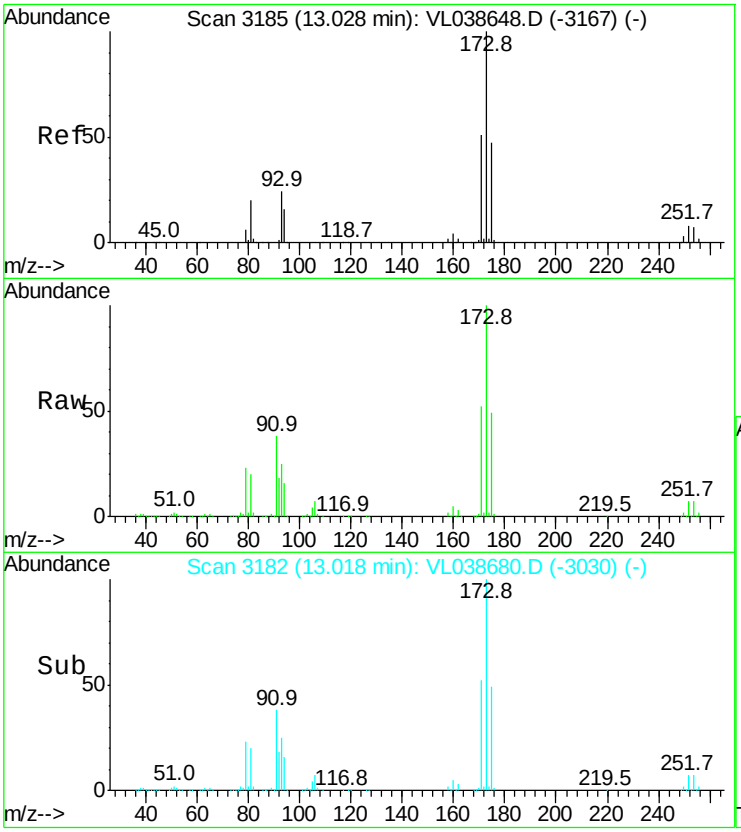


#48
Dibromochloromethane
Concen: 10.12 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:129 Resp: 1221014

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.5	118.5



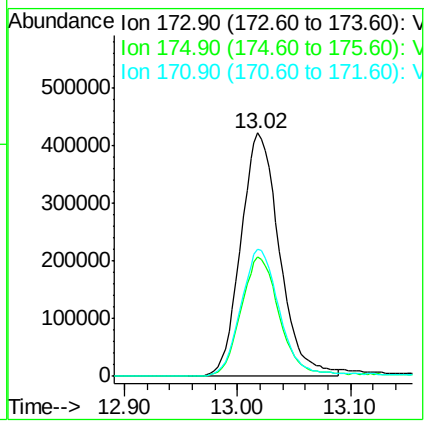


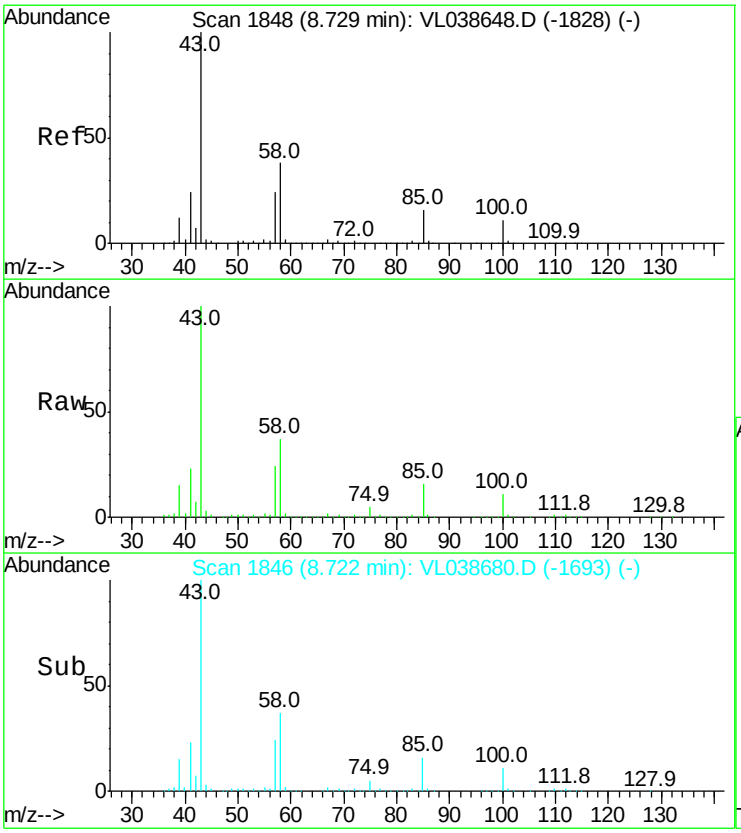
#49
Bromoform
Concen: 10.20 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 1003046

Ion	Ratio	Lower	Upper
173	100		
175	50.9	41.0	61.6
171	54.3	43.1	64.7

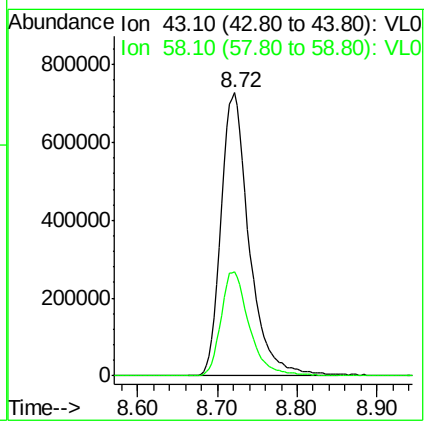


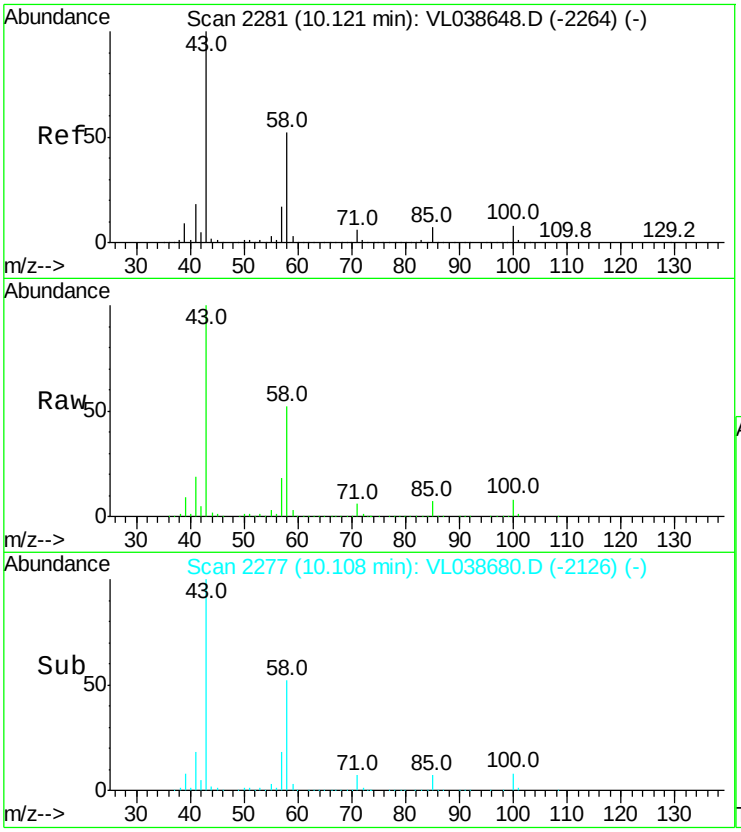


#50
4-Methyl-2-Pentanone
Concen: 10.05 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 43 Resp: 1768481

Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.9	44.9



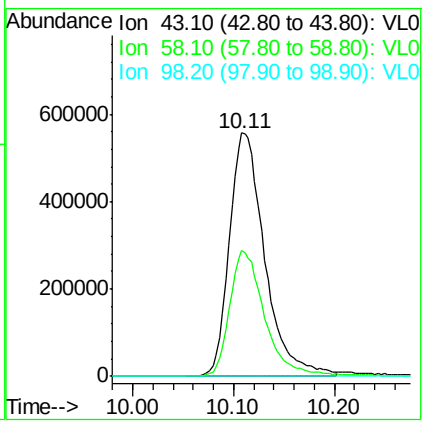


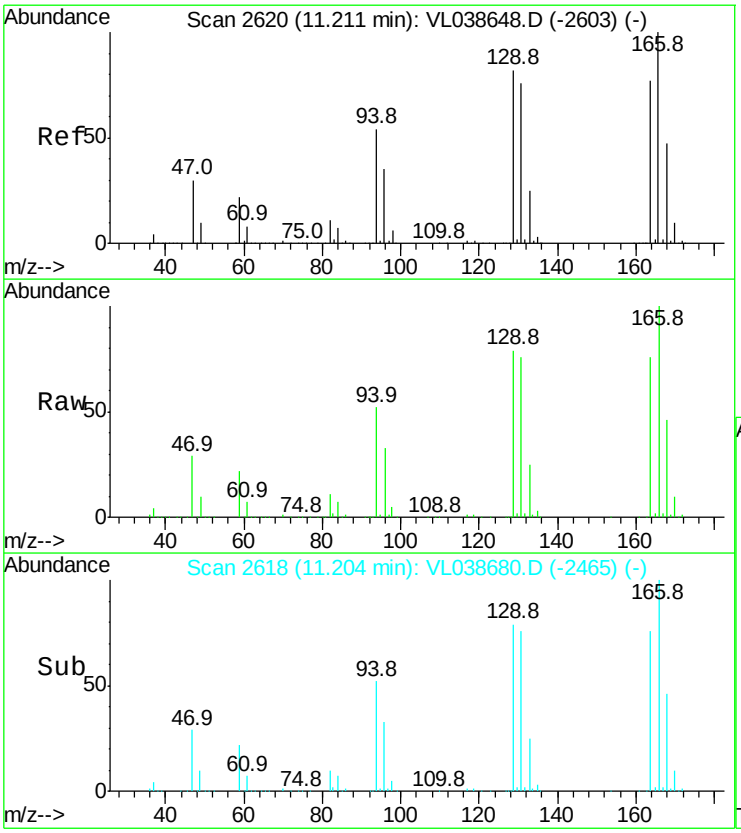
#51
2-Hexanone
Concen: 10.75 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1359080

Ion	Ratio	Lower	Upper
43	100		
58	51.9	41.2	61.8
98	0.4	0.2	0.4#

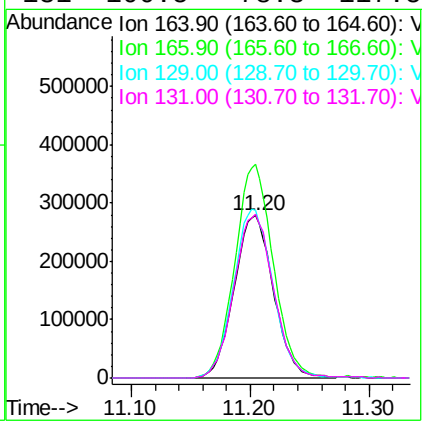


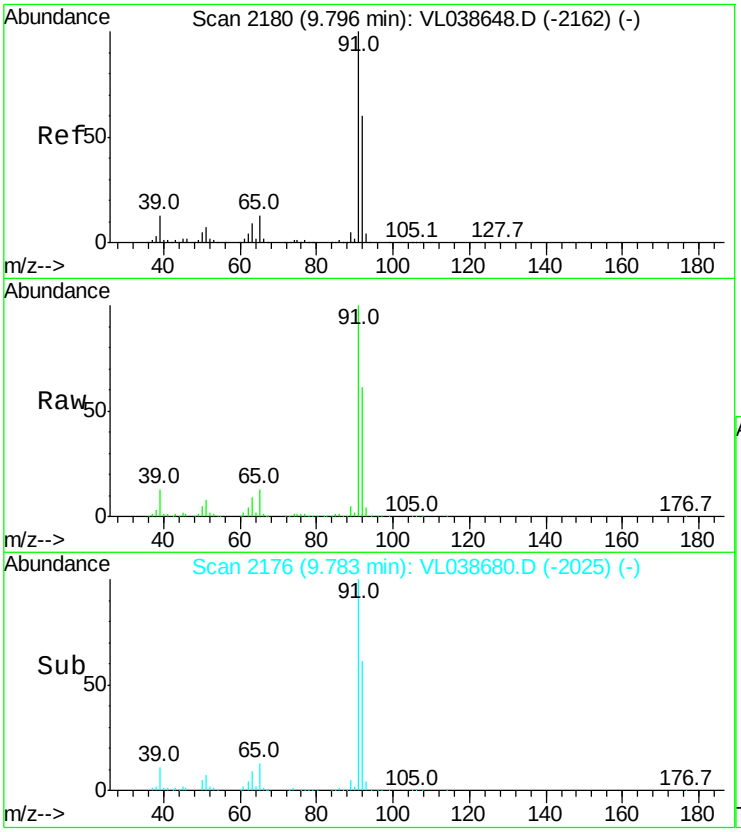


#52
Tetrachloroethene
Concen: 9.43 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:164 Resp: 636788

Ion	Ratio	Lower	Upper
164	100		
166	131.5	103.3	154.9
129	103.4	85.2	127.8
131	100.5	78.3	117.5



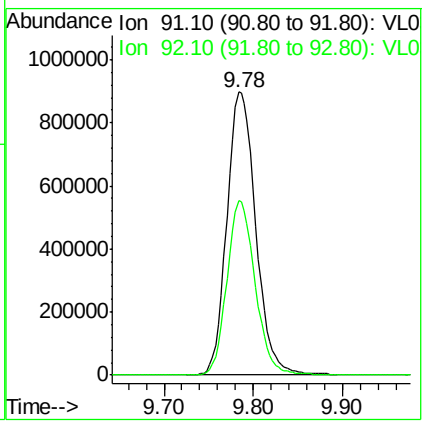


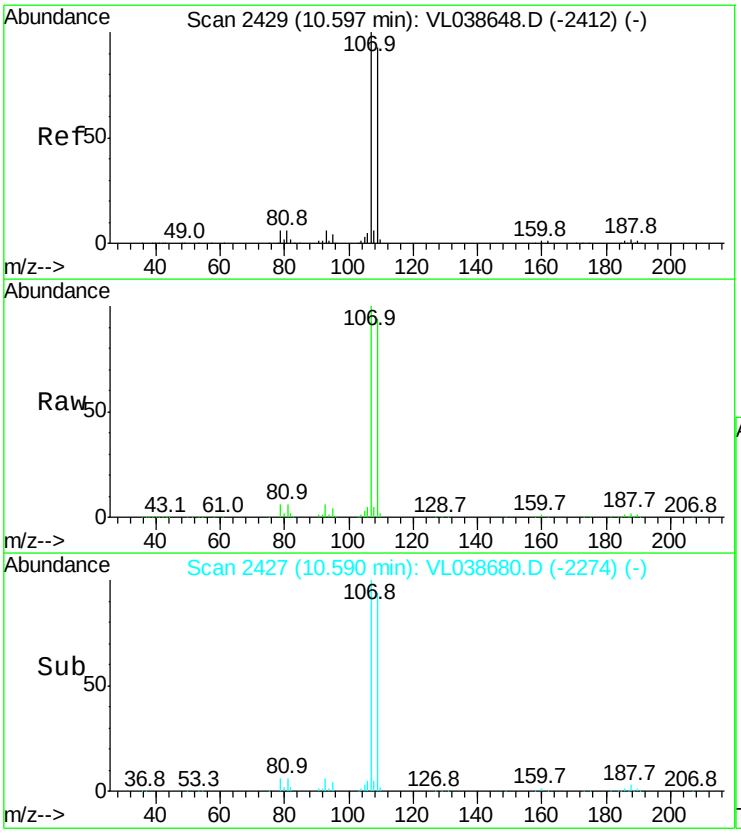
#53
Toluene
Concen: 10.16 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2016256

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.7	73.1

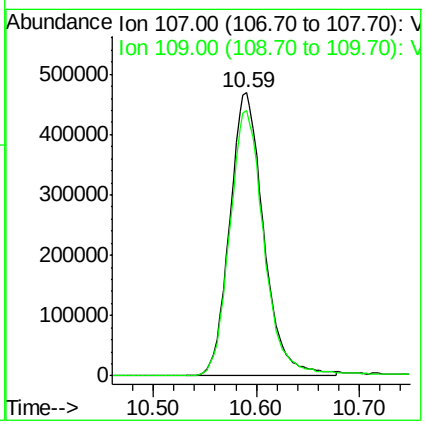


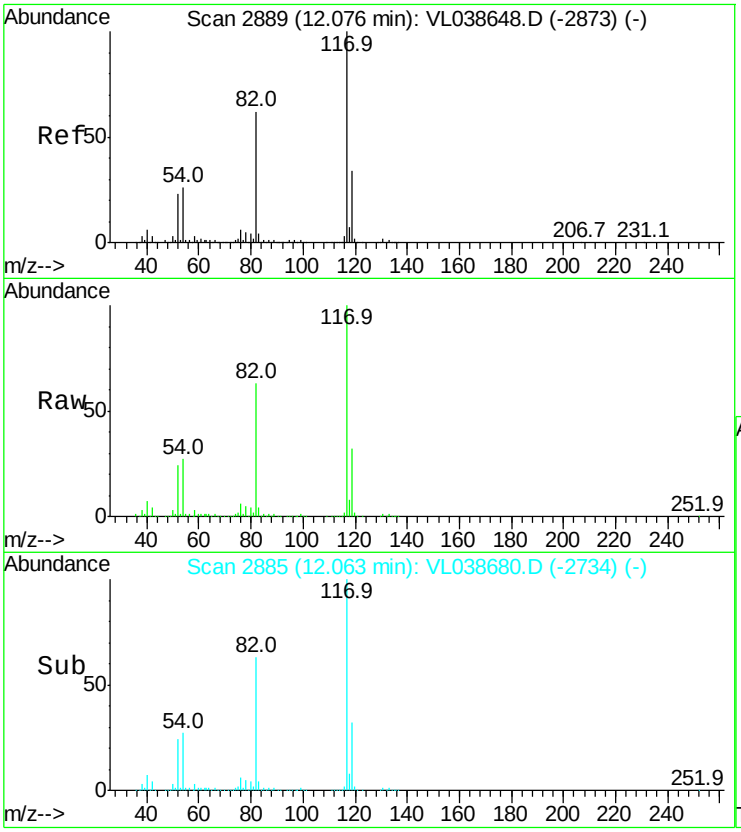


#54
1,2-Dibromoethane
Concen: 10.26 ppbv
RT: 10.59 min Scan# 2427
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:107 Resp: 1078994

Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.1	111.1



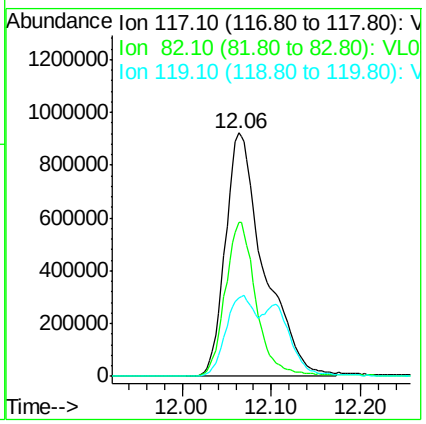


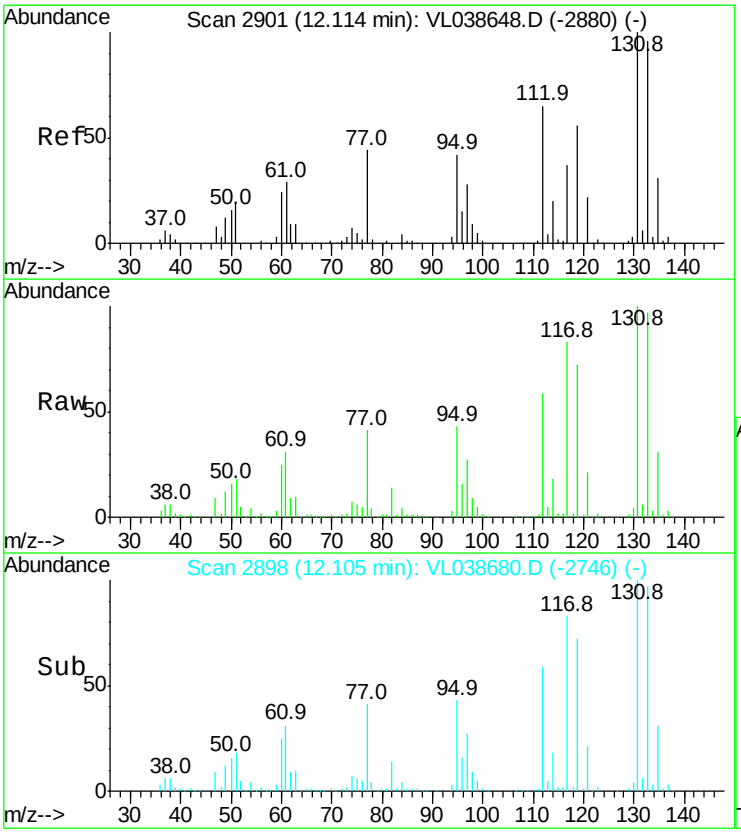
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2763469

Ion	Ratio	Lower	Upper
117	100		
82	51.3	51.6	77.4#
119	25.1	26.9	40.3#

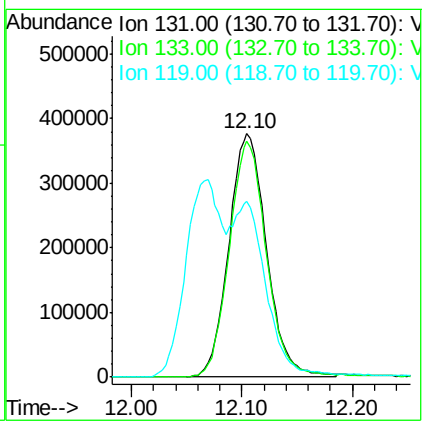


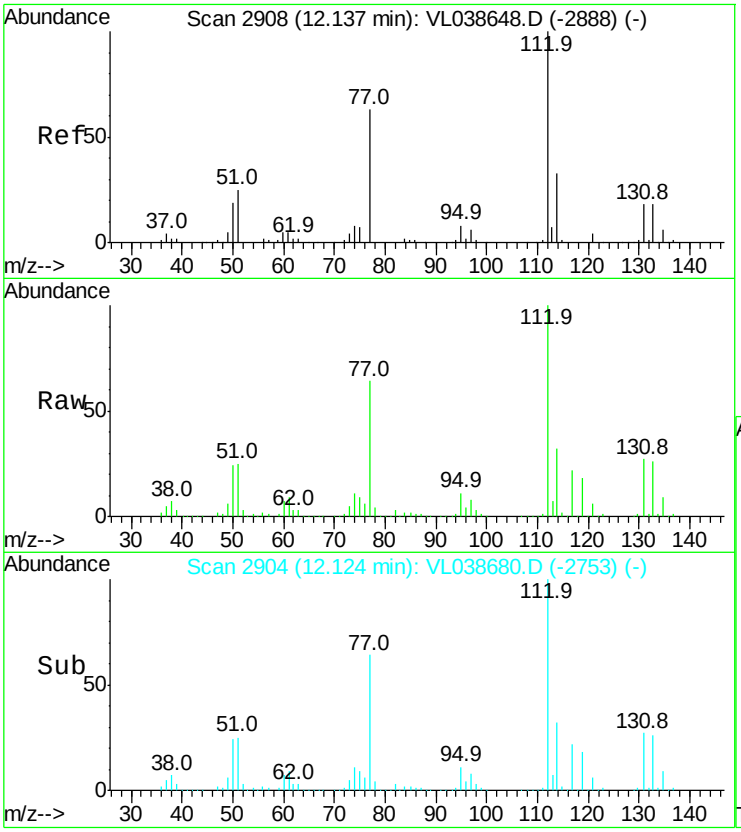


#56
1,1,1,2-Tetrachloroethane
Concen: 7.79 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:131 Resp: 892585

Ion	Ratio	Lower	Upper
131	100		
133	97.0	77.3	115.9
119	68.9	53.0	79.6



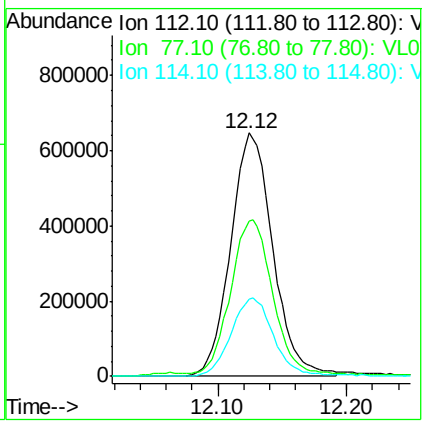


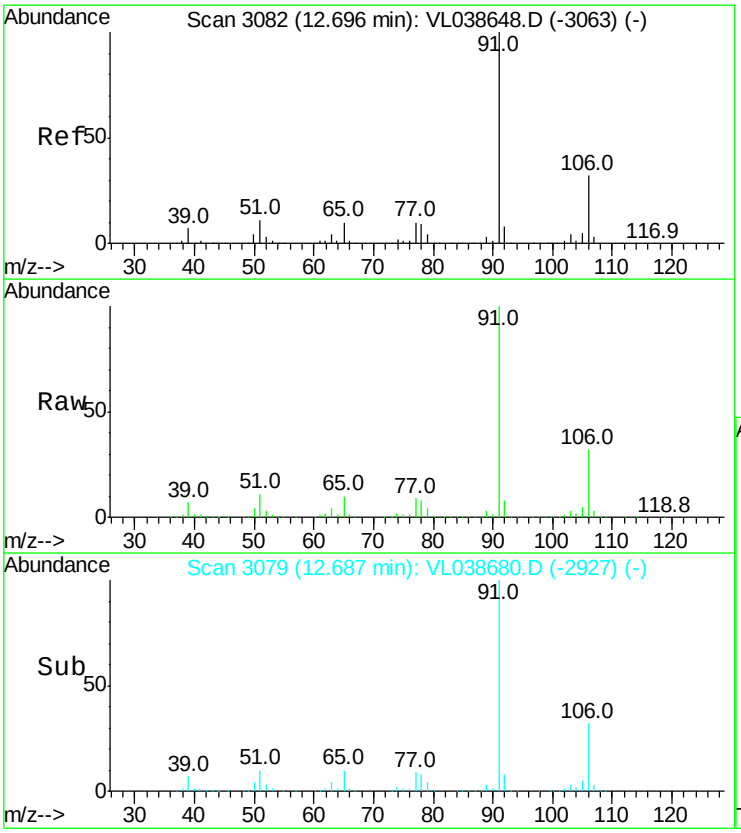
#57
Chlorobenzene
Concen: 7.37 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1469344

Ion	Ratio	Lower	Upper
112	100		
77	62.8	51.0	76.6
114	31.5	29.8	36.4

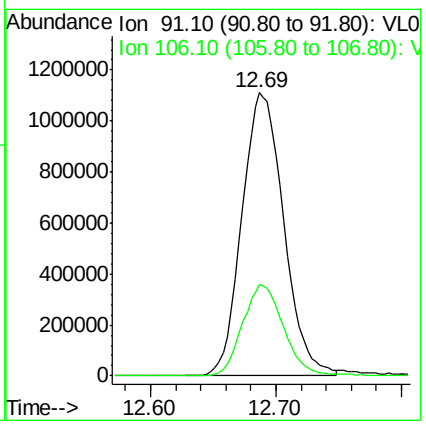


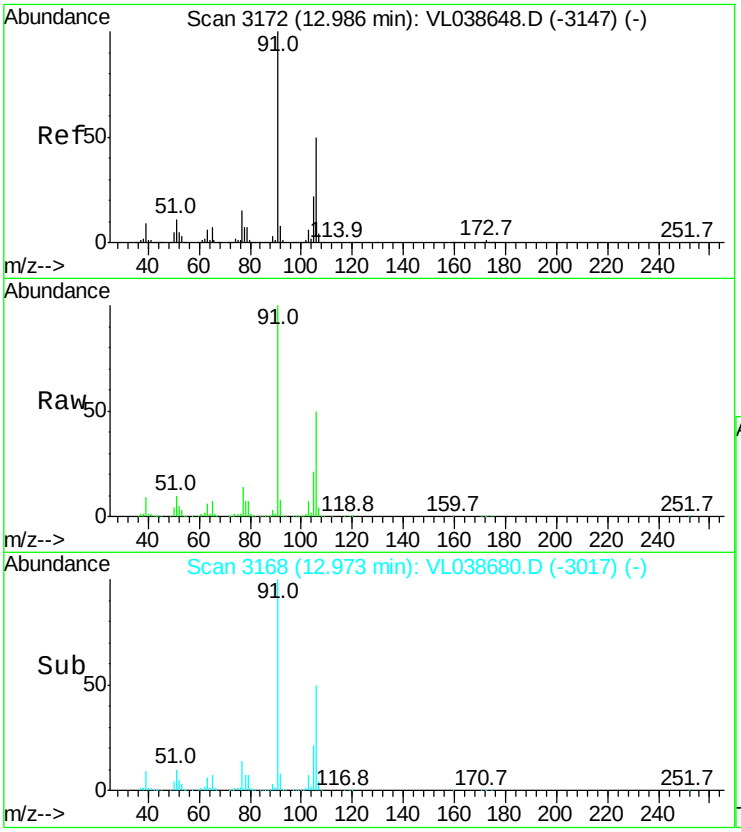


#58
Ethyl Benzene
Concen: 7.97 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 91 Resp: 2574350

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.4	38.0



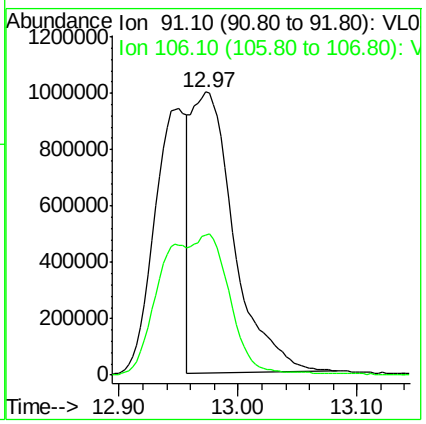


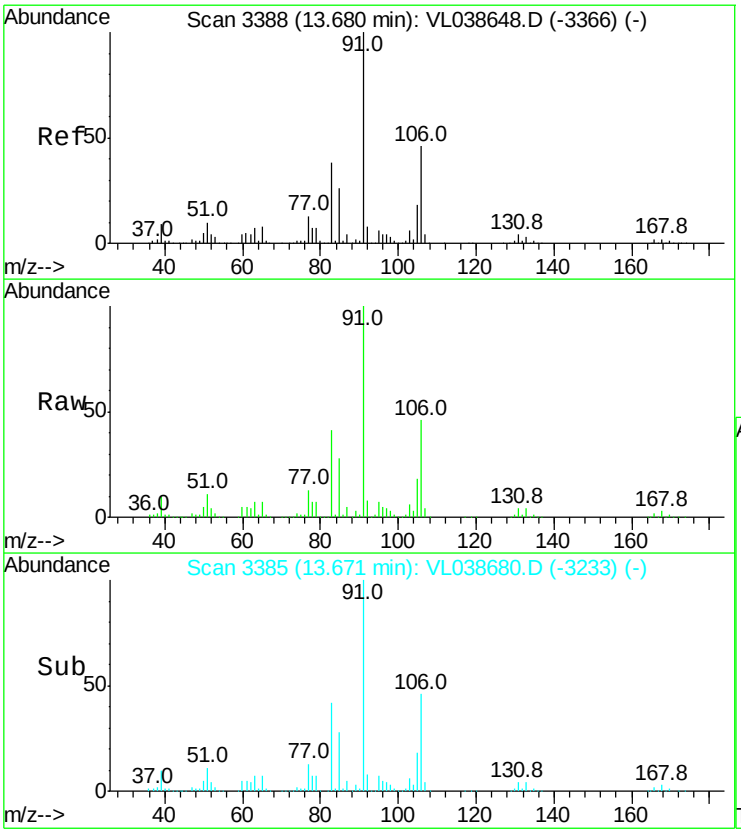
#59
m/p-Xylene
Concen: 8.82 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2491236

Ion	Ratio	Lower	Upper
91	100		
106	81.3	37.2	55.8#

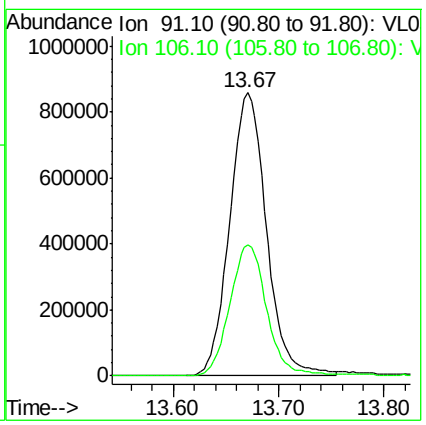


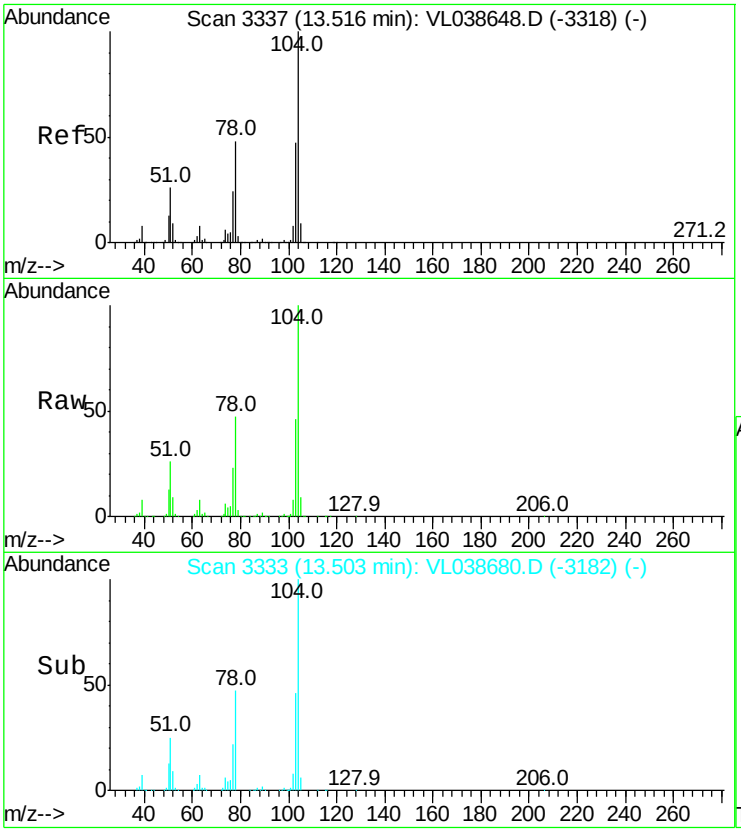


#60
o-Xylene
Concen: 7.73 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 91 Resp: 2072973

Ion	Ratio	Lower	Upper
91	100		
106	47.5	23.5	70.5



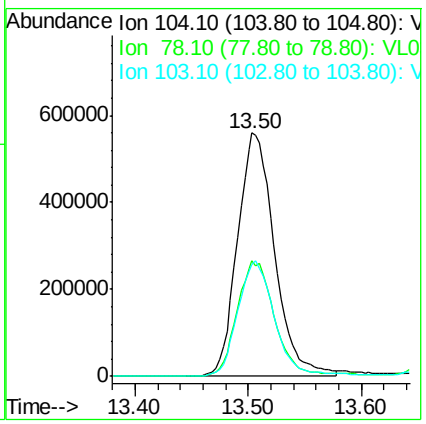


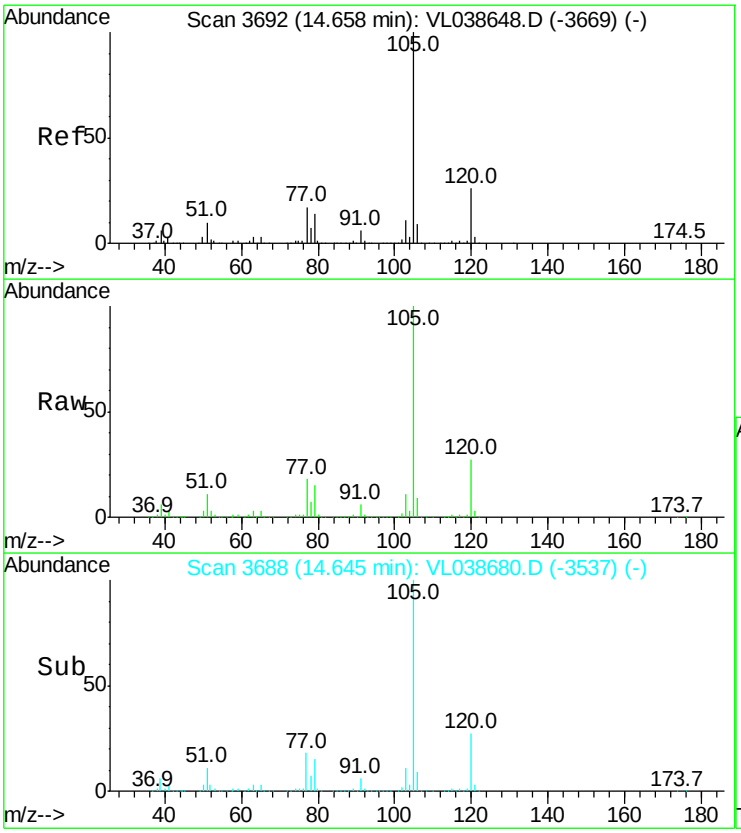
#61
Styrene
Concen: 8.78 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1277714

Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.0	58.4
103	47.8	37.8	56.8

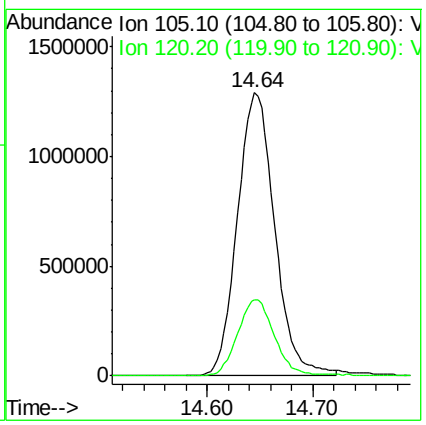


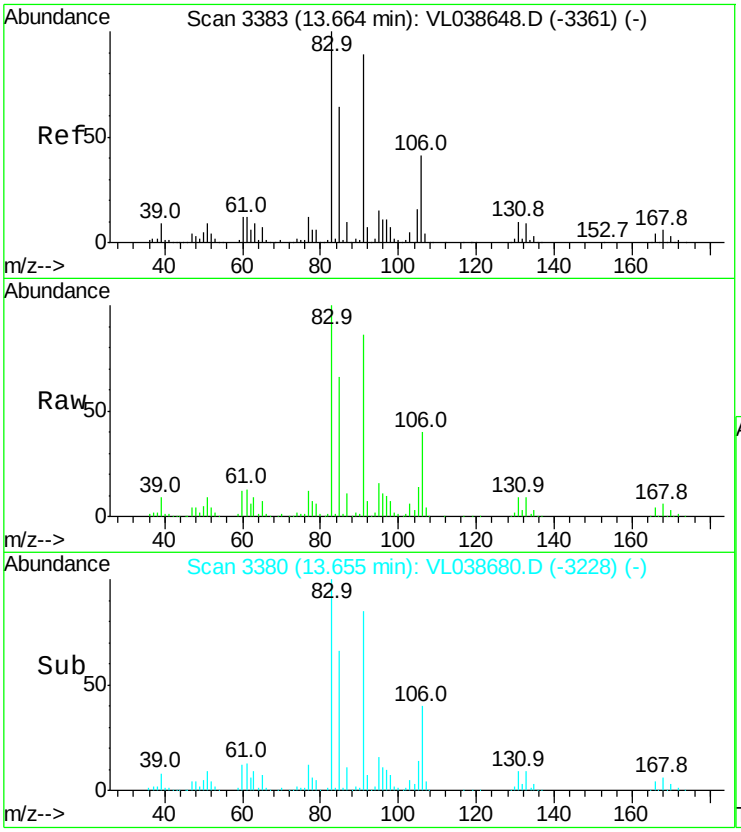


#62
Isopropylbenzene
Concen: 7.89 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:105 Resp: 3182832

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.2	31.8



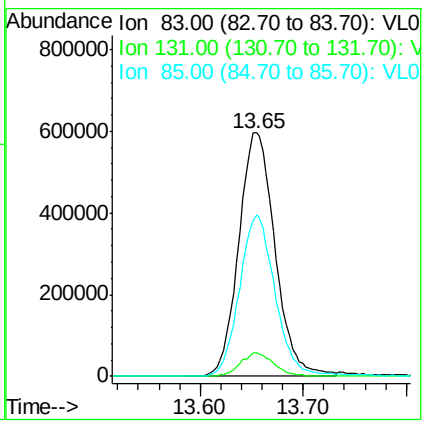


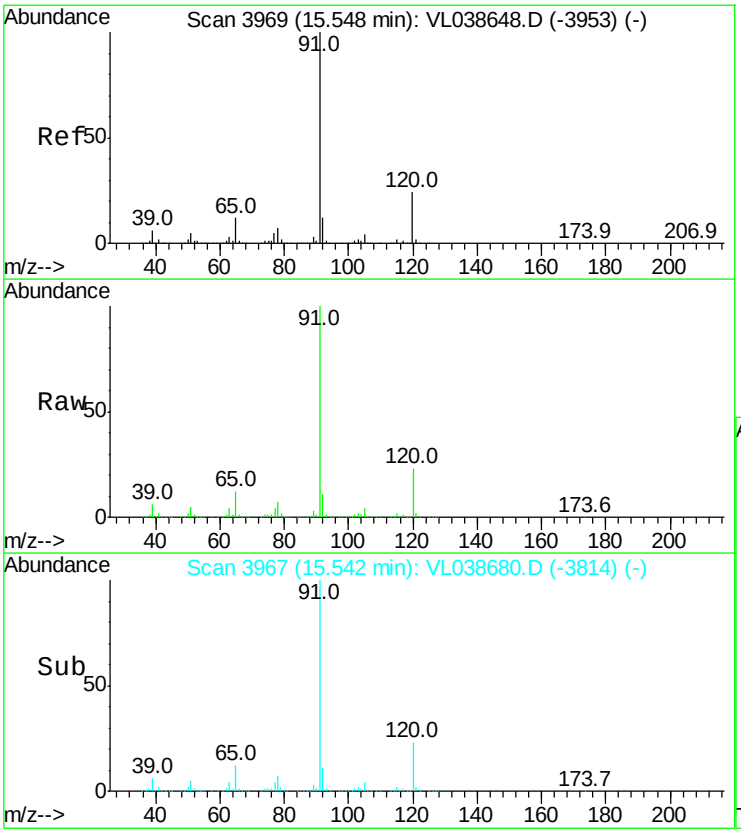
#63
1,1,2,2-Tetrachloroethane
Concen: 7.02 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1458497

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.8	14.3
85	65.7	32.6	97.8

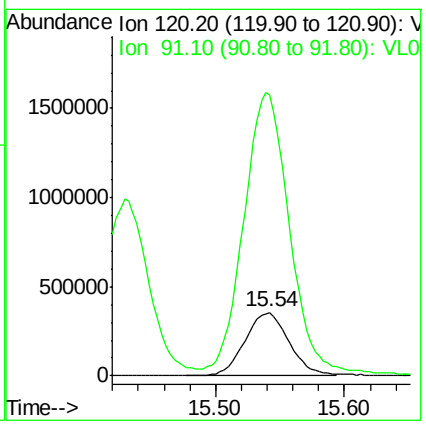


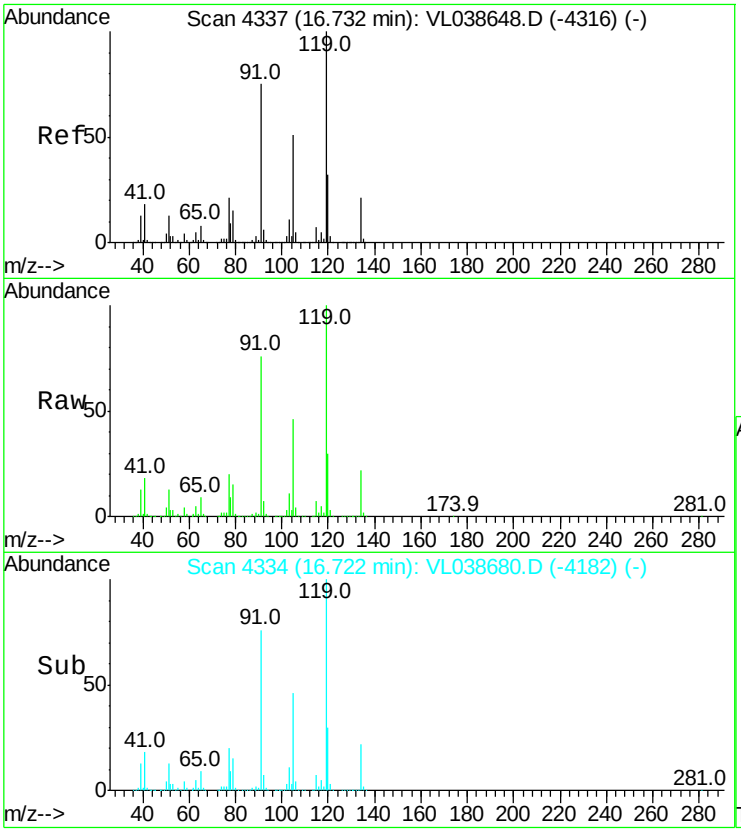


#64
n-propylbenzene
Concen: 8.02 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:120 Resp: 848405

Ion	Ratio	Lower	Upper
120	100		
91	470.0	368.0	552.0



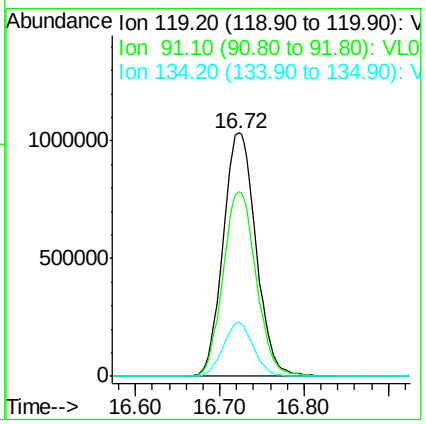


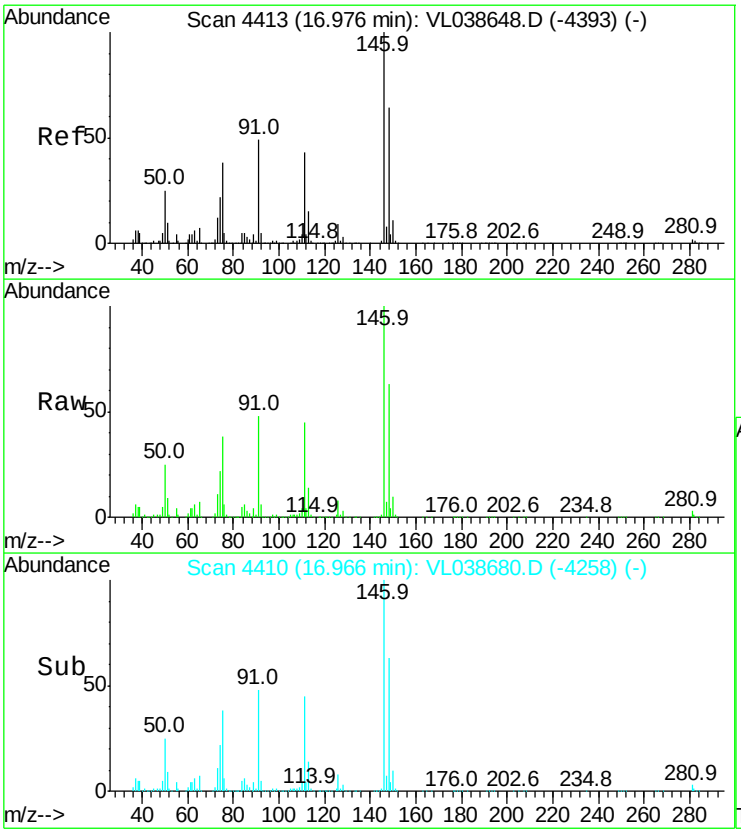
#65
tert-Butylbenzene
Concen: 7.70 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 2789780

Ion	Ratio	Lower	Upper
119	100		
91	76.6	61.2	91.8
134	20.5	16.3	24.5

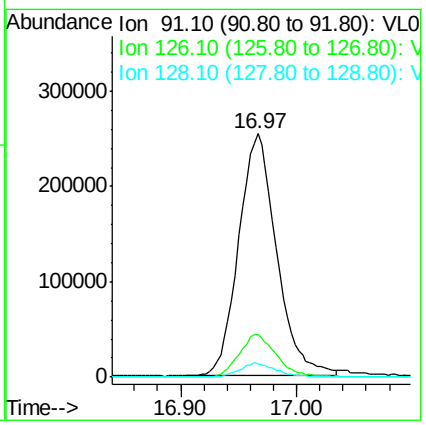


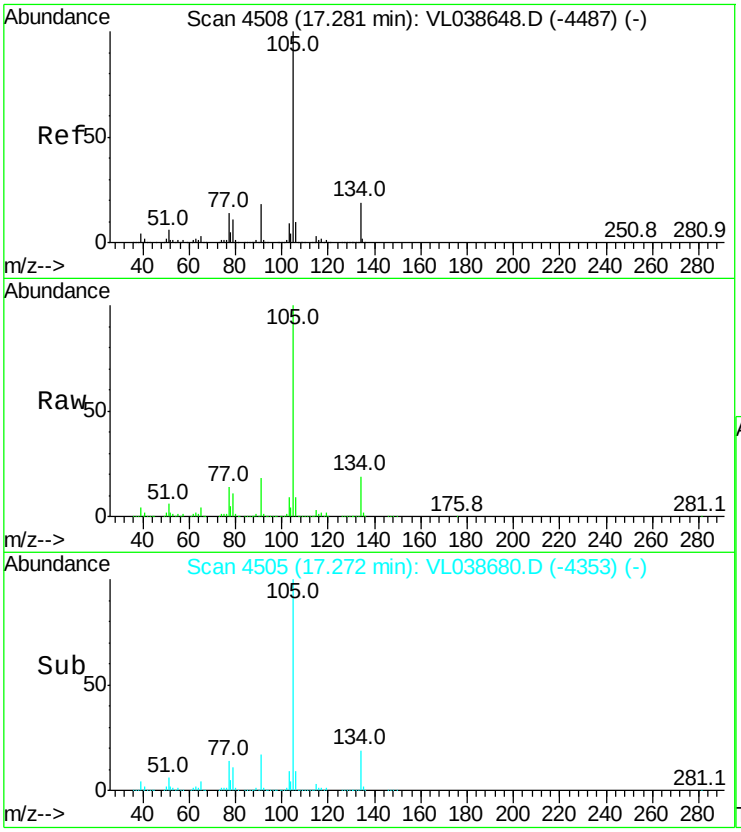


#66
Benzyl Chloride
Concen: 8.46 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 91 Resp: 580409

Ion	Ratio	Lower	Upper
91	100		
126	17.6	14.3	21.5
128	5.5	4.6	6.8



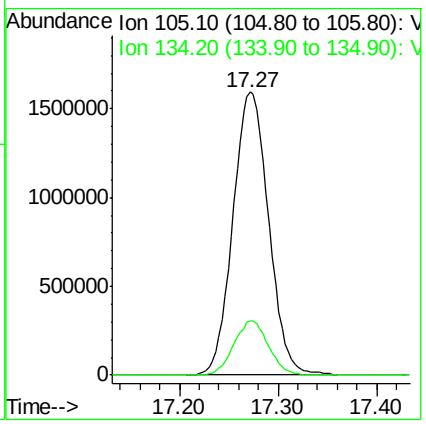


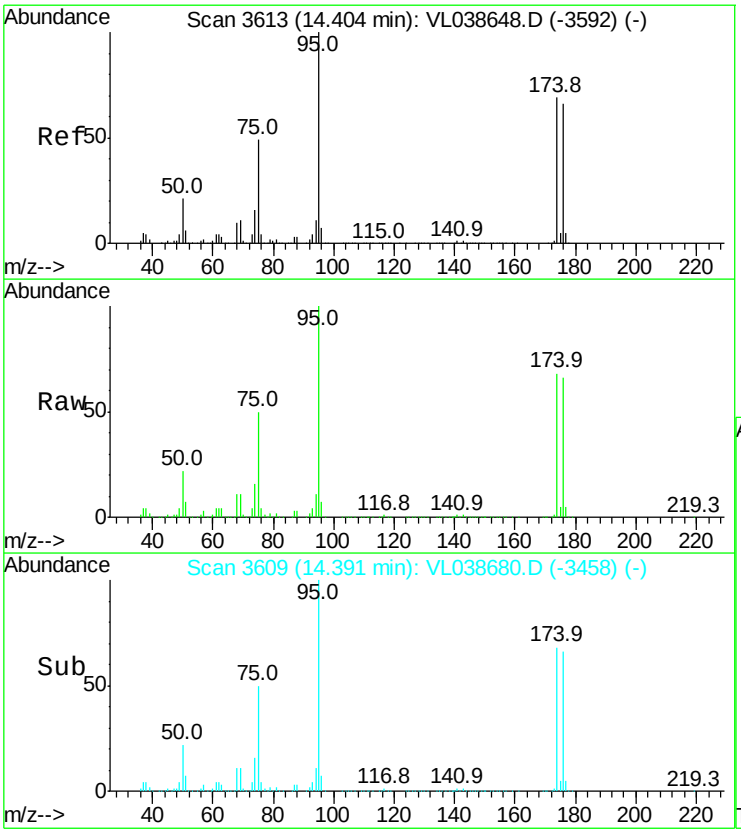
#67
sec-Butylbenzene
Concen: 7.71 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 3996088

Ion	Ratio	Lower	Upper
105	100		
134	18.7	15.1	22.7

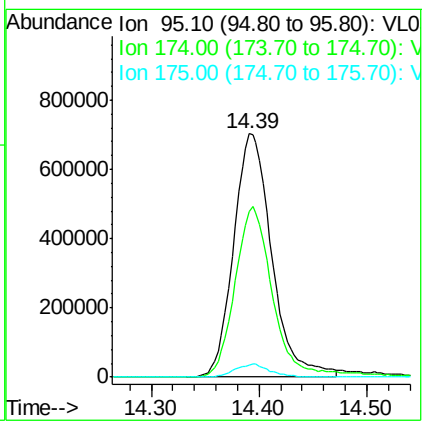


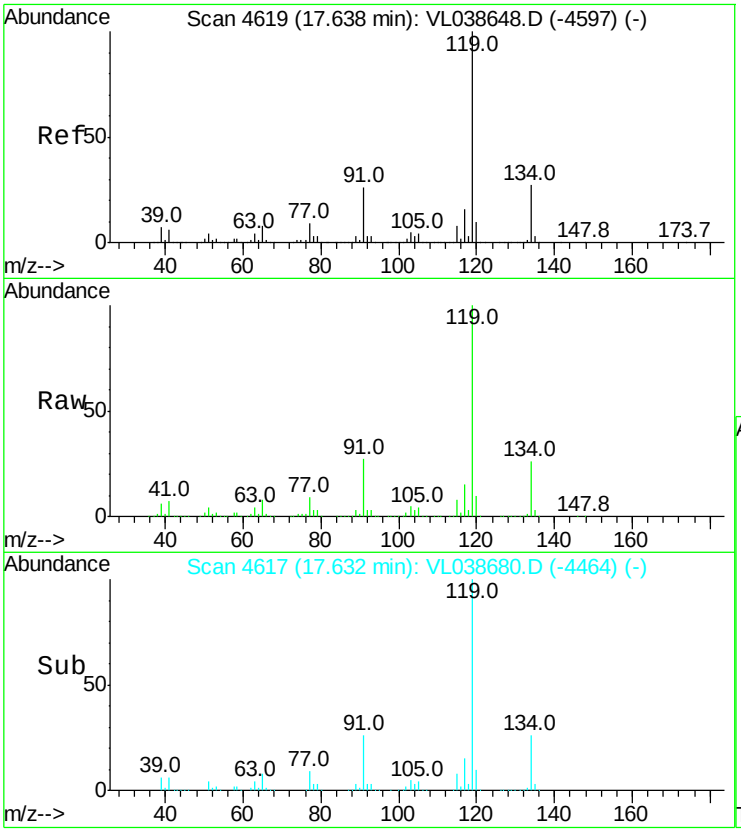


#68
1-Bromo-4-Fluorobenzene
Concen: 8.17 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 95 Resp: 1730822

Ion	Ratio	Lower	Upper
95	100		
174	70.7	56.1	84.1
175	5.3	4.2	6.2



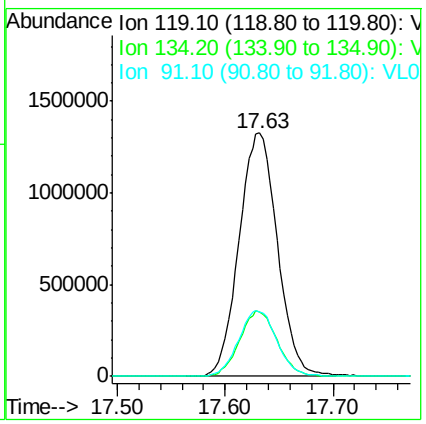


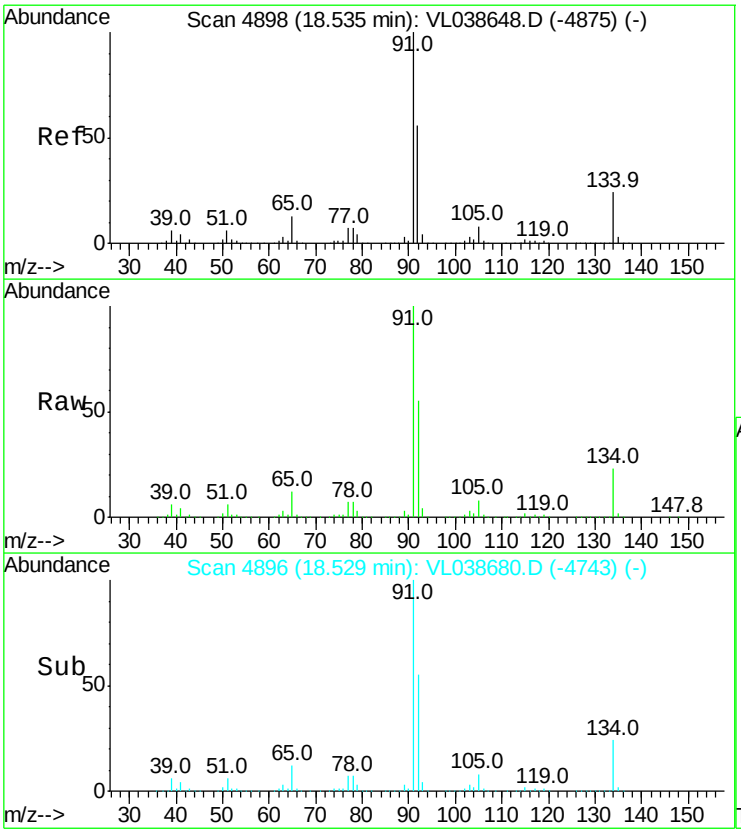
#69
p-Isopropyltoluene
Concen: 7.75 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3278262

Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.2	31.8
91	26.9	21.4	32.2

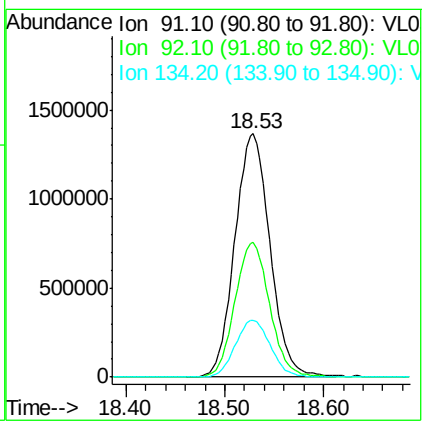


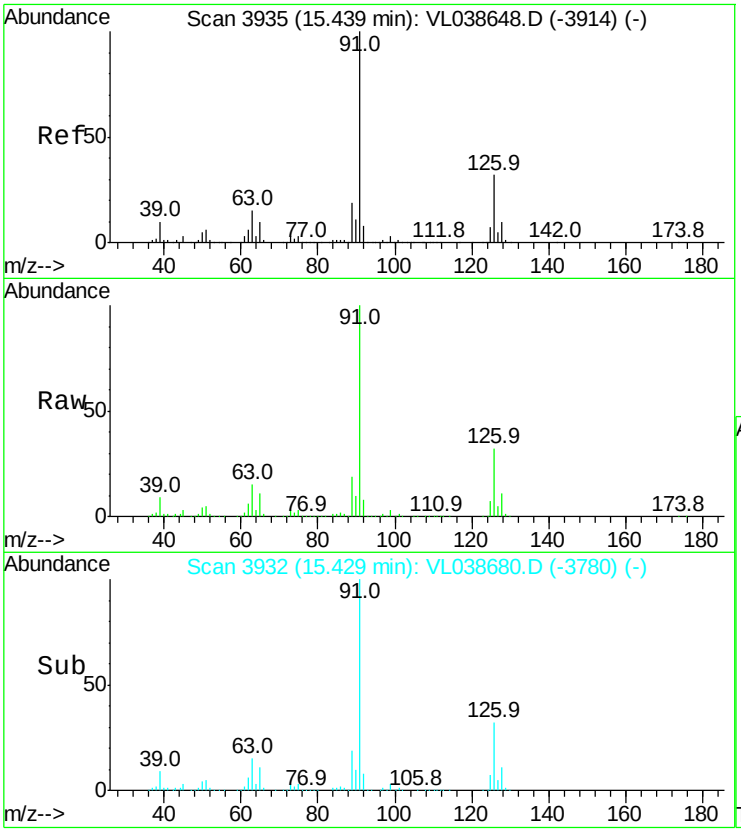


#70
n-Butylbenzene
Concen: 7.73 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion: 91 Resp: 3374149

Ion	Ratio	Lower	Upper
91	100		
92	54.8	43.9	65.9
134	23.6	18.7	28.1



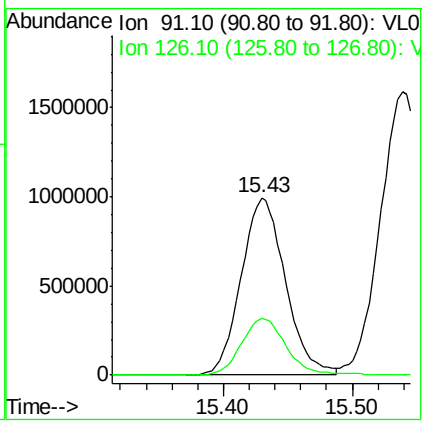


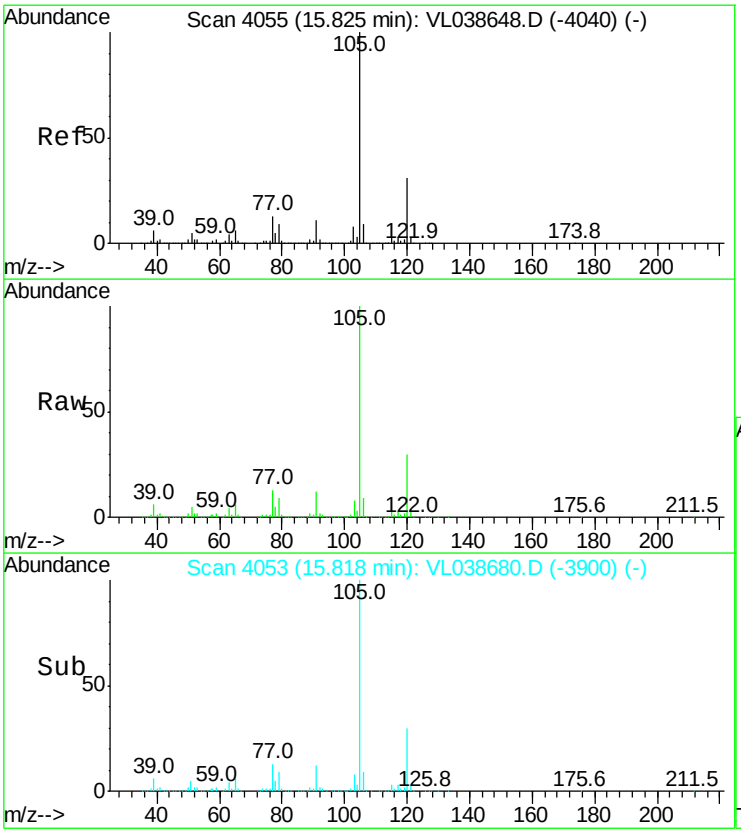
#71
2-Chlorotoluene
Concen: 7.93 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2373271

Ion	Ratio	Lower	Upper
91	100		
126	33.0	13.1	52.3

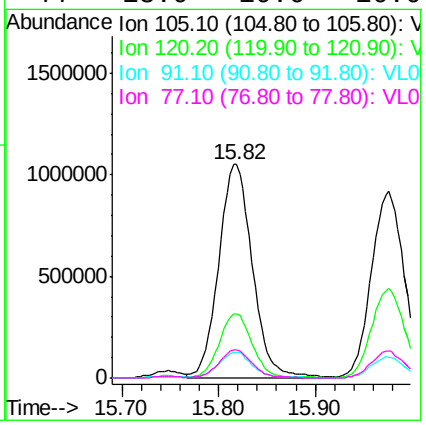


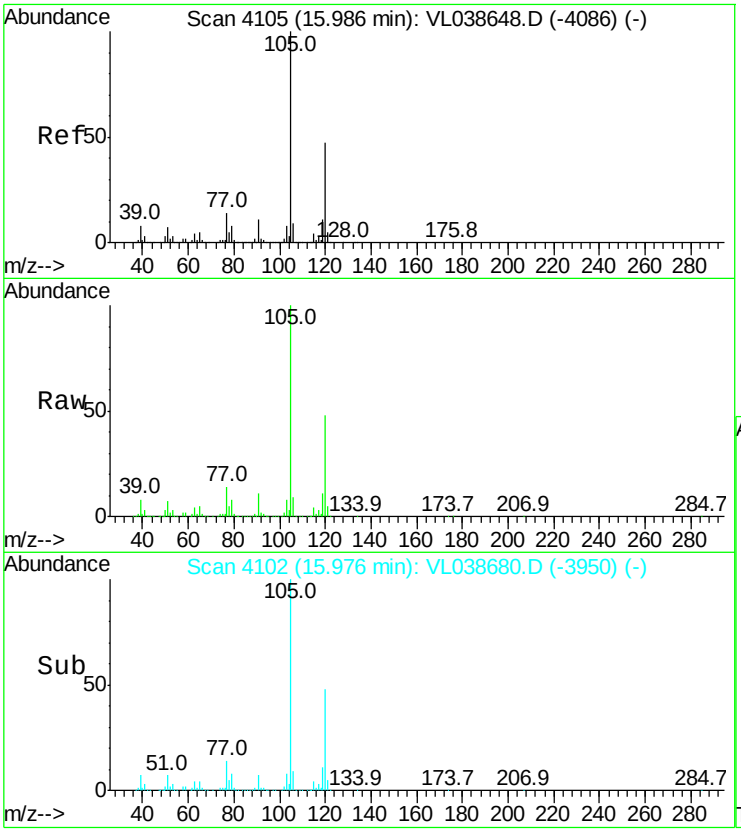


#72
4-Ethyltoluene
Concen: 8.02 ppbv
RT: 15.82 min Scan# 4053
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:105 Resp: 2541005

Ion	Ratio	Lower	Upper
105	100		
120	29.9	24.9	37.3
91	11.6	9.8	14.6
77	13.0	10.6	16.0



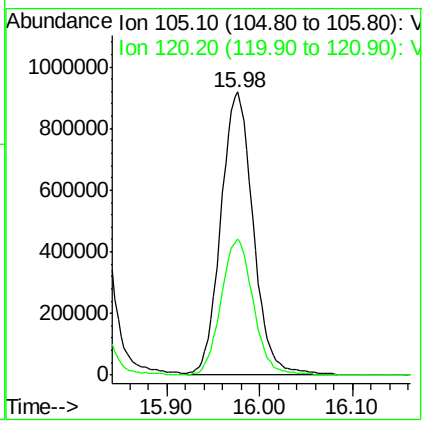


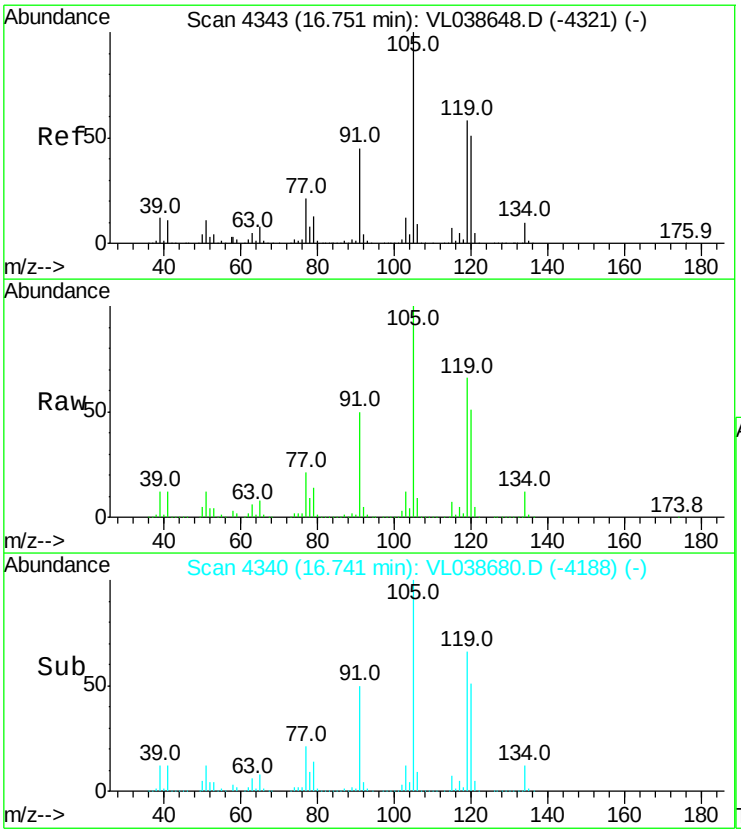
#73
1,3,5-Trimethylbenzene
Concen: 7.64 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2205036

Ion	Ratio	Lower	Upper
105	100		
120	48.0	37.6	56.4

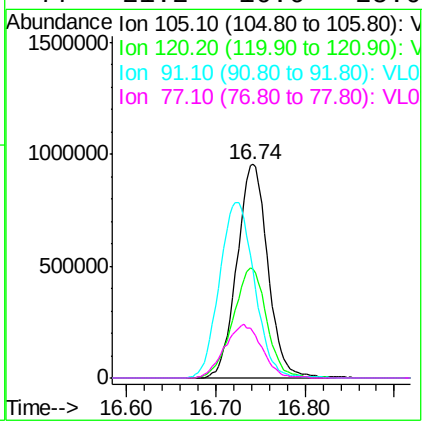


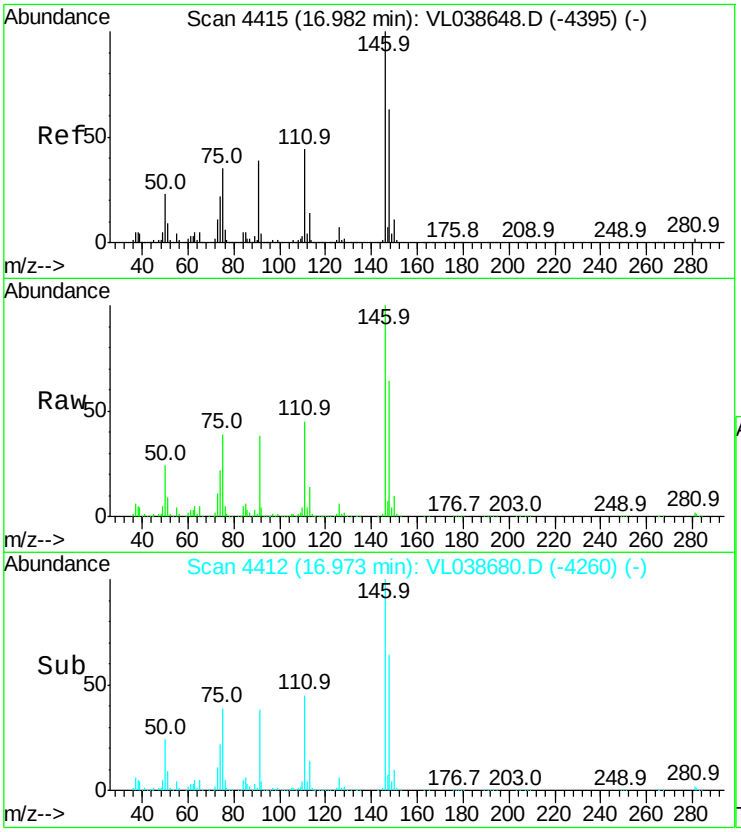


#74
1,2,4-Trimethylbenzene
Concen: 7.33 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:105 Resp: 2303169

Ion	Ratio	Lower	Upper
105	100		
120	50.9	40.5	60.7
91	50.1	35.9	53.9
77	21.2	16.6	25.0



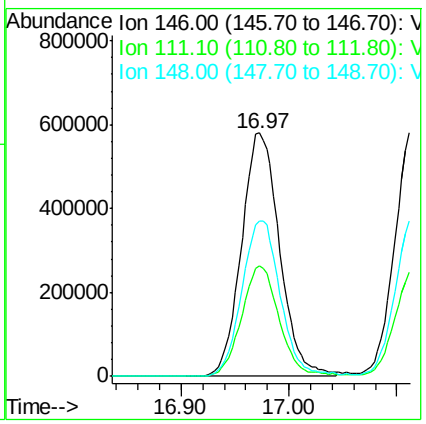


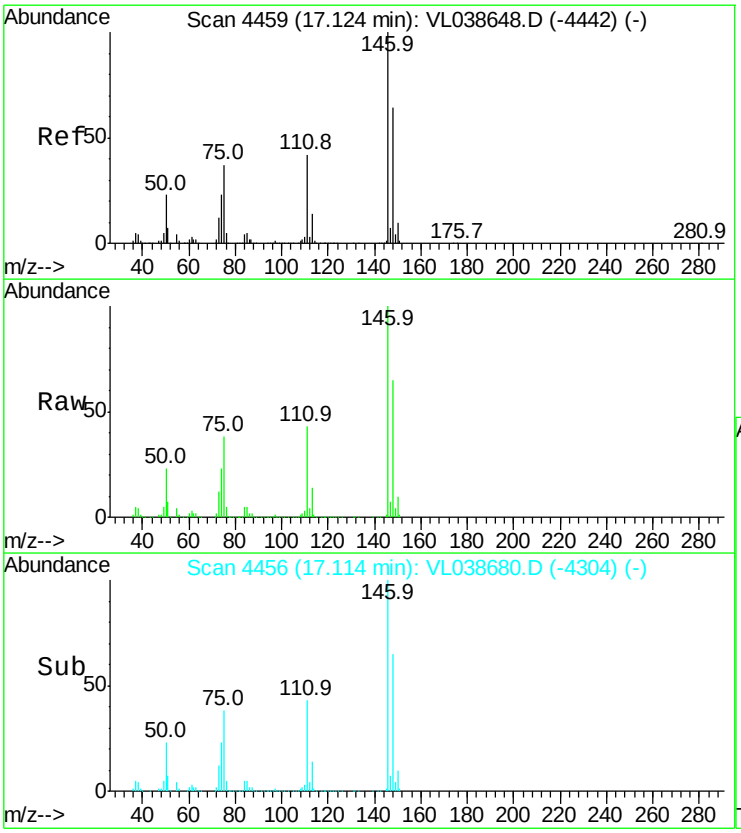
#75
1,3-Dichlorobenzene
Concen: 7.11 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1423450

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.7	32.5	97.5

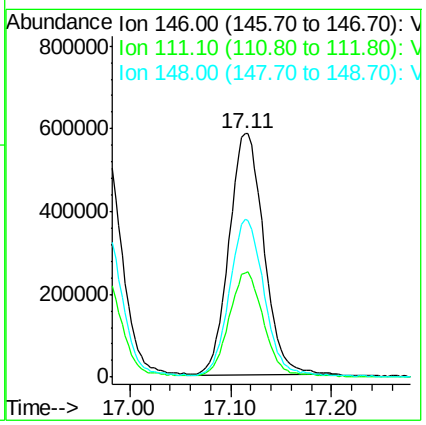


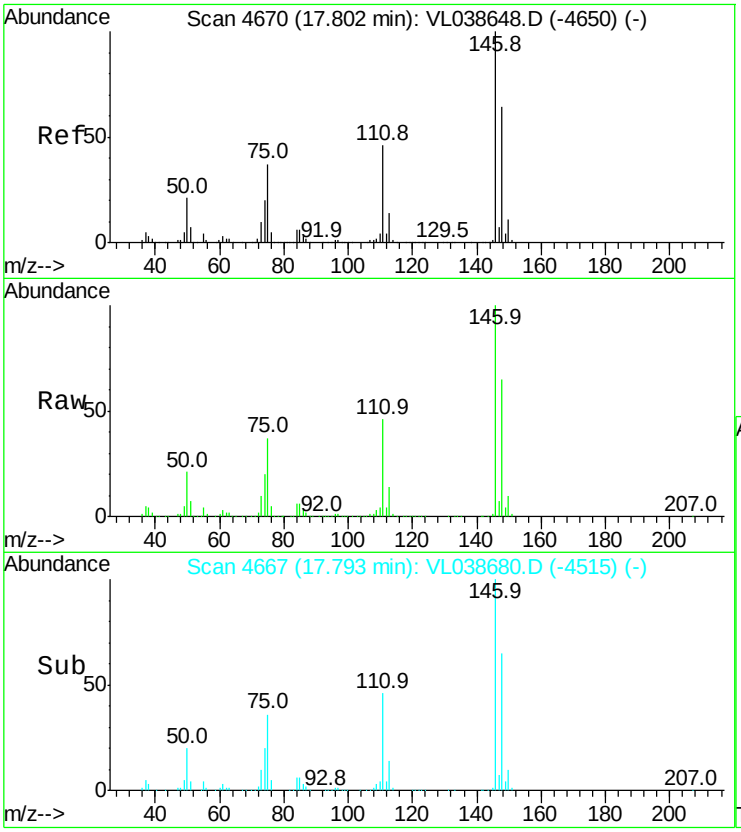


#76
1,4-Dichlorobenzene
Concen: 7.05 ppbv
RT: 17.11 min Scan# 4456
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:146 Resp: 1403455

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.4	64.2
148	65.7	32.1	96.3



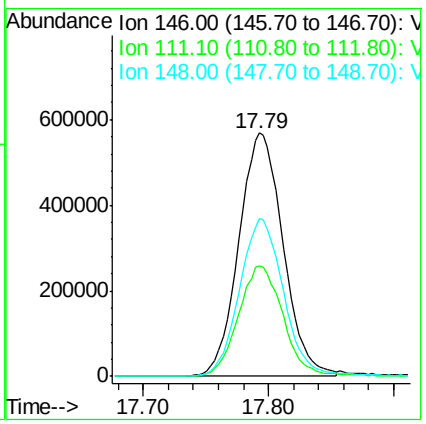


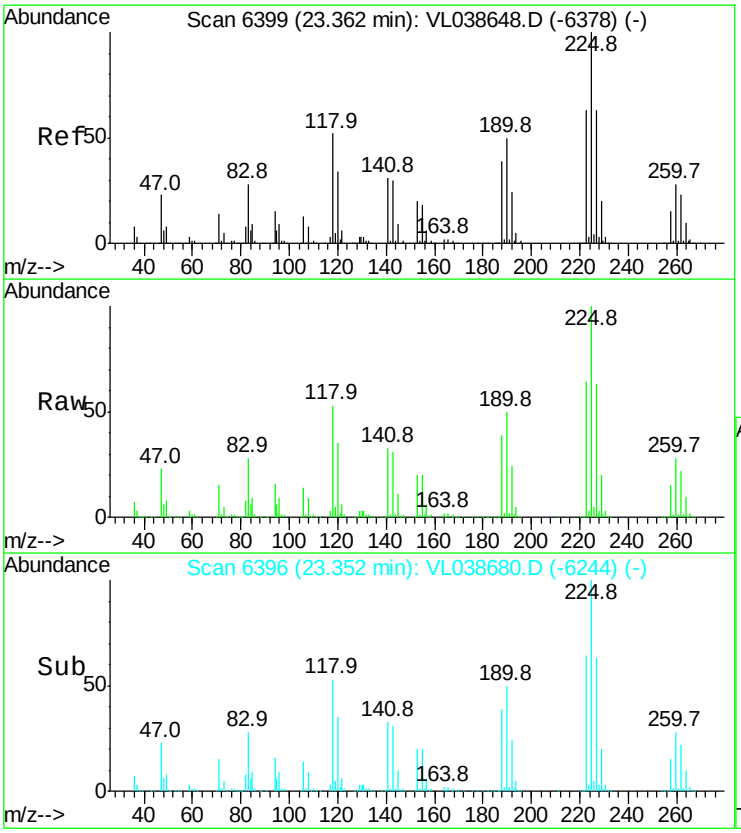
#77
1,2-Dichlorobenzene
Concen: 6.98 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1384078

Ion	Ratio	Lower	Upper
146	100		
111	46.5	22.8	68.4
148	65.0	32.5	97.4

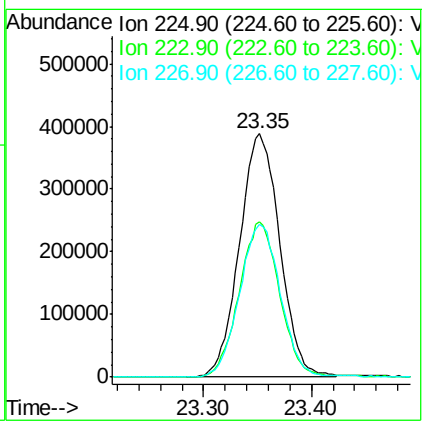


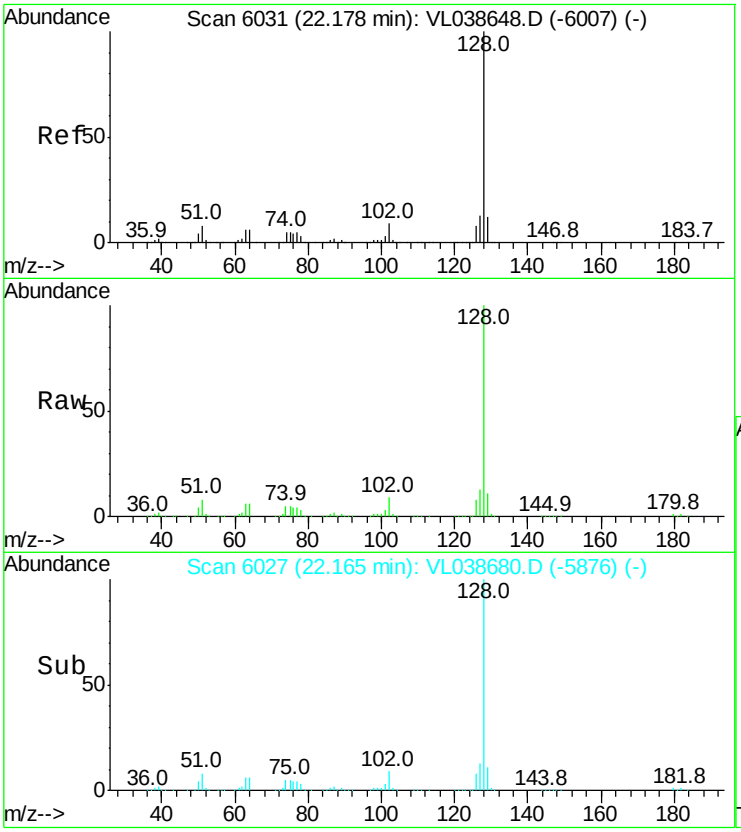


#78
Hexachloro-1,3-Butadiene
Concen: 5.51 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:225 Resp: 1009807

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	64.4	51.5	77.3



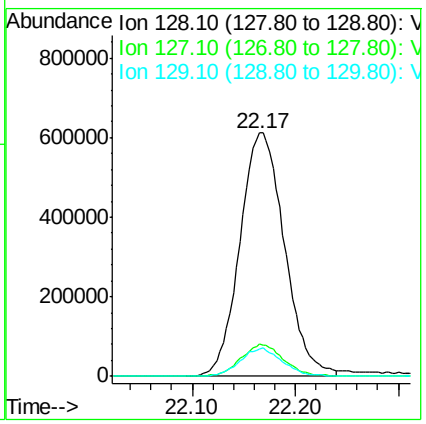


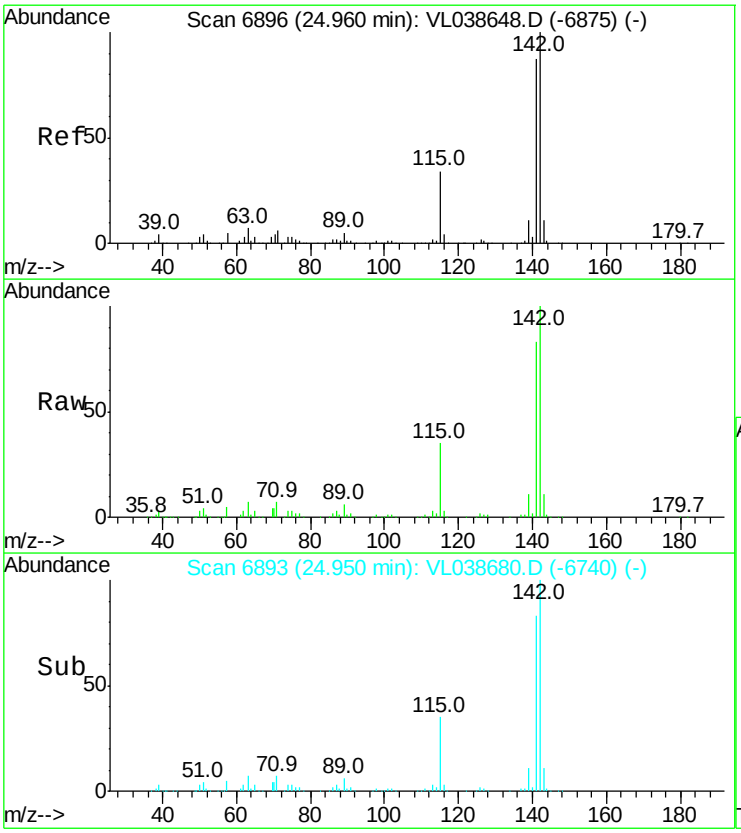
#79
Naphthalene
Concen: 7.64 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 1835930

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	9.2	13.8

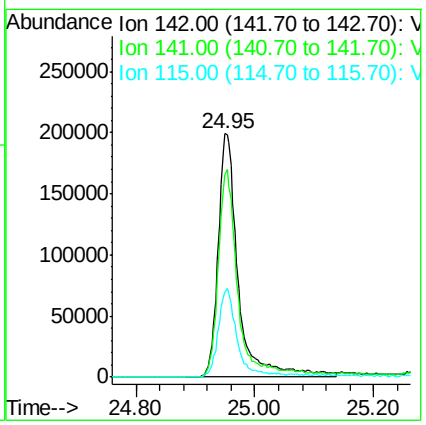


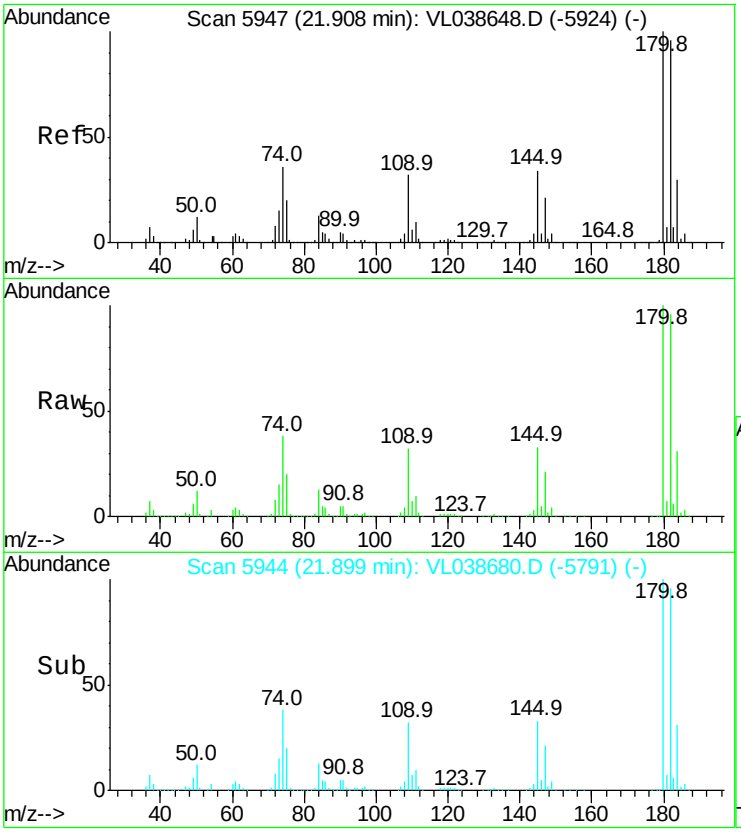


#80
Naphthalene,2-methyl-
Concen: 7.28 ppbv
RT: 24.95 min Scan# 6893
Delta R.T. -0.01 min
Lab File: VL038680.D
Acq: 22 Mar 2022 10:57

Tgt Ion:142 Resp: 468926

Ion	Ratio	Lower	Upper
142	100		
141	83.7	66.4	99.6
115	35.6	27.8	41.6





#81
1,2,4-Trichlorobenzene
Concen: 6.37 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 22 Mar 2022 10:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 1048027

Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.2	118.8
184	30.6	24.8	37.2