Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038284.D
Acq On : 26 Jan 2022 10:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Jan 27 02:53:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	604970	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	2120172	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.05	117	2356822	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1455266	8.14	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	1354639	10.519	ppbv		98
3) Chlorodifluoromethane	2.98	51	1437839	11.939	ppbv		100
4) Chloromethane	3.13	50	482728	11.651	ppbv		96
5) Vinyl Chloride	3.25	62	498470	12.054	ppbv		96
6) Bromomethane	3.46	94	264126	11.814	ppbv		99
7) Chloroethane	3.55	64	164942	11.809	ppbv		95
8) Dichlorotetrafluoroethane	3.18	85	1170152	11.742	ppbv		98
9) Propene	3.00	41	482023	12.295	ppbv		100
10) Heptane	8.09	43	1235030	12.244	ppbv		100
11) Trichlorofluoromethane	3.93	101	1238037	12.340	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	907716	11.969	ppbv		97
13) Ethanol	3.59	45	49571	11.778	ppbv		98
14) Bromoethene	3.73	108	373084	12.589	ppbv		99
15) Acetone	3.83	43	590956	11.081	ppbv		98
16) 1,3-Butadiene	3.32	39	468003	12.229	ppbv		100
17) tert-Butyl alcohol	4.27	59	734507	12.549	ppbv		98
18) 1,1-Dichloroethene	4.27	96	398275	12.077	ppbv		99
19) Isopropyl Alcohol	3.94	45	389680	11.680	ppbv	#	98
20) Methylene Chloride	4.33	84	339701	10.952	ppbv		99
21) Allyl Chloride	4.39	41	610227	12.933	ppbv		99
22) trans-1,2-Dichloroethene	4.86	96	430031	12.620	ppbv		97
23) Vinyl Acetate	5.05	43	991218	12.783	ppbv		99
24) 1,1-Dichloroethane	4.99	63	848660	12.286	ppbv		99
25) Ethyl Acetate	5.65	43	1499997	10.046	ppbv		99
26) Hexane	5.66	57	682353	9.825	ppbv		99
27) Carbon Disulfide	4.53	76	1035570	12.745	ppbv		99
28) Methyl tert-Butyl Ether	5.01	73	909356	12.622	ppbv		99
29) Chloroform	5.73	83	1313203	11.584	ppbv		98
30) Cyclohexane	7.10	84	736578	12.181	ppbv		99
31) cis-1,2-Dichloroethene	5.52	61	656197	10.832	ppbv		99
32) 1,1,1-Trichloroethane	6.48	97	1391321	12.288	ppbv		100
34) 2-Butanone	5.22	43	674934	9.735	ppbv		100
35) Carbon Tetrachloride	6.99	117	1447497	9.726	ppbv		99
36) Benzene	6.86	78	1830905	9.763	ppbv		99
37) 1,2-Dichloroethane	6.28	62	1078084	10.036	ppbv		99
38) Trichloroethene	7.81	130	662442	9.482	ppbv		97
39) 1,2-Dichloropropane	7.59	63	732499	9.634	ppbv		97
40) 1,4-Dioxane	7.81	88	176764	9.659	ppbv		82
41) Tetrahydrofuran	6.02	42	459559	9.860	ppbv		99
42) Bromodichloromethane	7.76	83	1559917	9.788	ppbv		99
43) Methyl Methacrylate	7.98	69	688156	10.374	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038284.D
Acq On : 26 Jan 2022 10:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Jan 27 02:53:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3109751	9.409	ppbv		100
45) t-1,3-Dichloropropene	9.25	75	617359	11.455	ppbv		100
46) cis-1,3-Dichloropropene	8.67	75	769239	10.697	ppbv		99
47) 1,1,2-Trichloroethane	9.45	97	729678	9.767	ppbv		99
48) Dibromochloromethane	10.27	129	1227941	9.763	ppbv		98
49) Bromoform	13.01	173	873493	9.633	ppbv		98
50) 4-Methyl-2-Pentanone	8.71	43	1254143	10.140	ppbv		100
51) 2-Hexanone	10.10	43	557945	10.242	ppbv	#	97
52) Tetrachloroethene	11.19	164	592541	9.168	ppbv		98
53) Toluene	9.77	91	2049394	9.873	ppbv		99
54) 1,2-Dibromoethane	10.58	107	1070667	10.080	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.09	131	787348	7.633	ppbv		95
57) Chlorobenzene	12.11	112	1426812	7.565	ppbv		99
58) Ethyl Benzene	12.68	91	2690405	7.767	ppbv		99
59) m/p-Xylene	12.96	91	2602632	8.807	ppbv	#	51
60) o-Xylene	13.66	91	2075809	7.553	ppbv		99
61) Styrene	13.49	104	1080666	8.425	ppbv		99
62) Isopropylbenzene	14.64	105	2774398	7.572	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1435220	7.057	ppbv		99
64) n-propylbenzene	15.53	120	696408	7.901	ppbv		99
65) tert-Butylbenzene	16.71	119	2255063	7.473	ppbv		99
66) Benzyl Chloride	16.96	91	108611	7.923	ppbv		98
67) sec-Butylbenzene	17.26	105	3134505	7.466	ppbv		100
69) p-Isopropyltoluene	17.62	119	2454445	7.640	ppbv		99
70) n-Butylbenzene	18.52	91	2416768	7.680	ppbv		100
71) 2-Chlorotoluene	15.42	91	2085297	7.684	ppbv		100
72) 4-Ethyltoluene	15.81	105	2299898	8.002	ppbv		99
73) 1,3,5-Trimethylbenzene	15.96	105	1989325	7.696	ppbv		100
74) 1,2,4-Trimethylbenzene	16.73	105	2042754	7.502	ppbv		96
75) 1,3-Dichlorobenzene	16.96	146	1096001	7.500	ppbv		100
76) 1,4-Dichlorobenzene	17.10	146	1060938	7.499	ppbv		99
77) 1,2-Dichlorobenzene	17.78	146	992030	7.309	ppbv		99
78) Hexachloro-1,3-Butadiene	23.34	225	655871	6.950	ppbv		99
79) Naphthalene	22.15	128	1252258	9.836	ppbv		99
80) Naphthalene,2-methyl-	24.94	142	210430	15.198	ppbv		94
81) 1,2,4-Trichlorobenzene	21.89	180	393136	5.250	ppbv	#	40

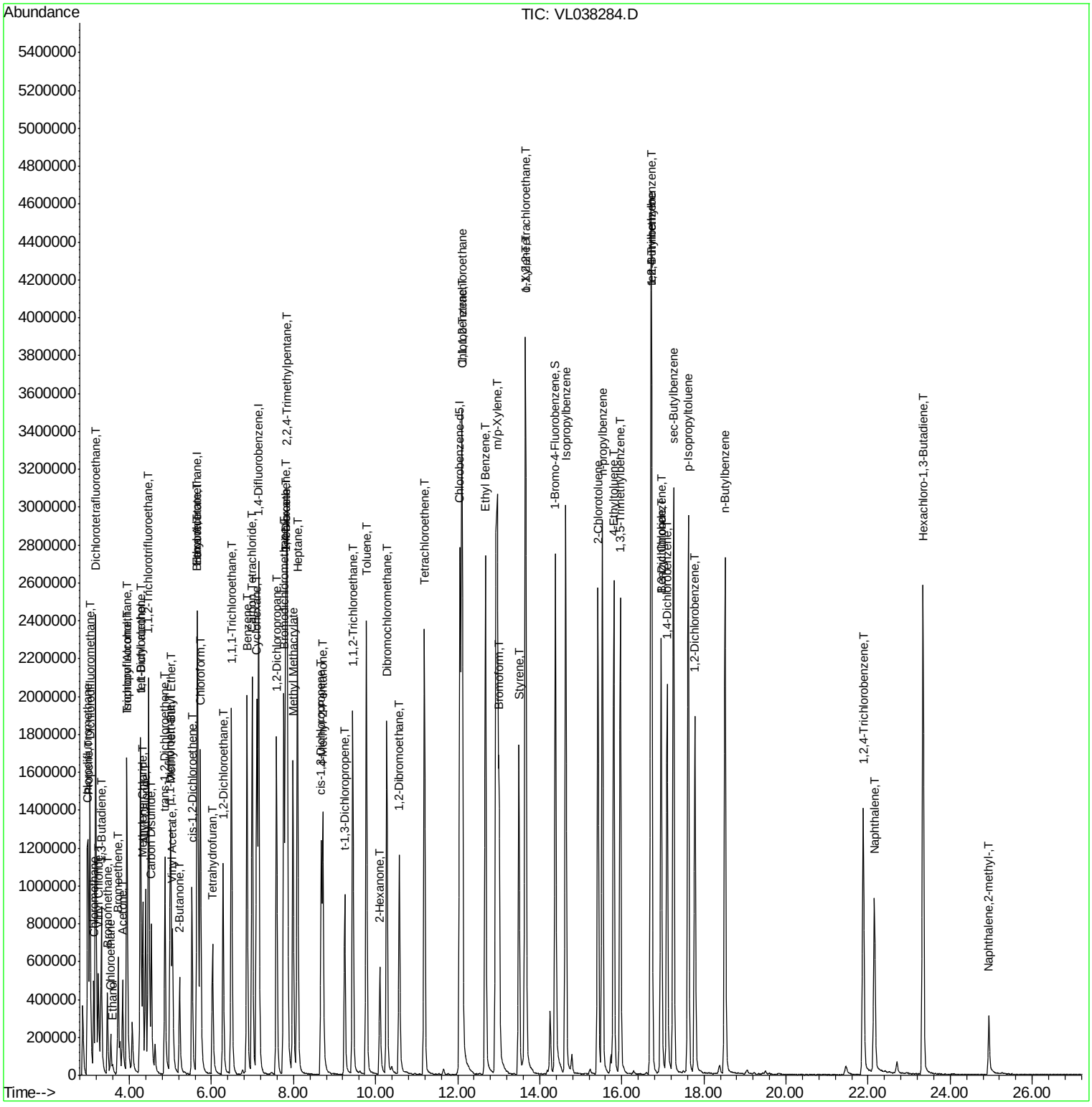
(#) = qualifier out of range (m) = manual integration (+) = signals summed

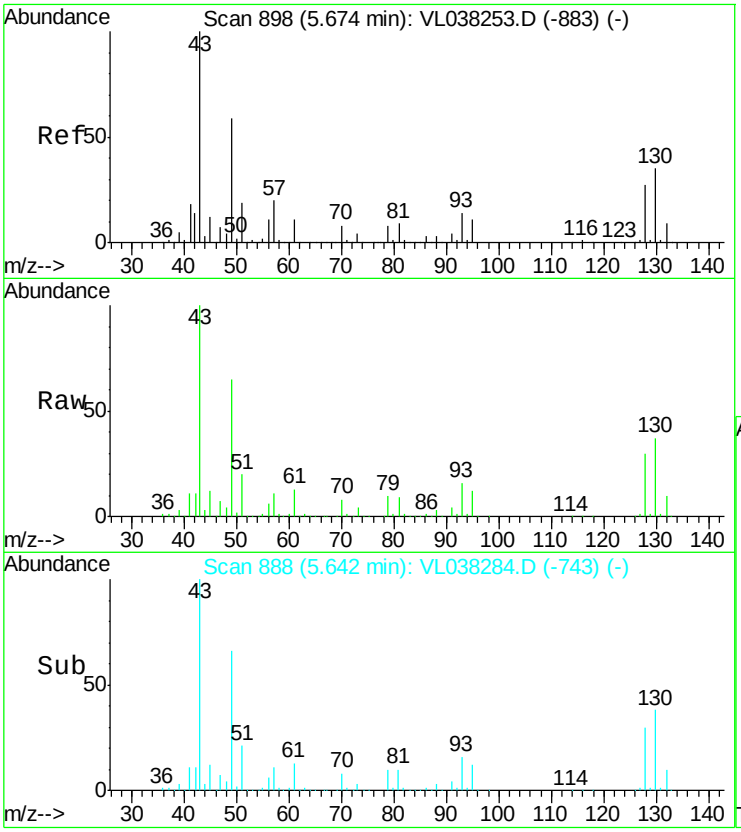
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038284.D
Acq On : 26 Jan 2022 10:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Jan 27 02:53:21 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



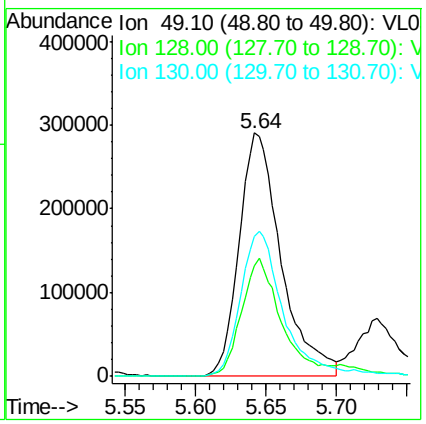


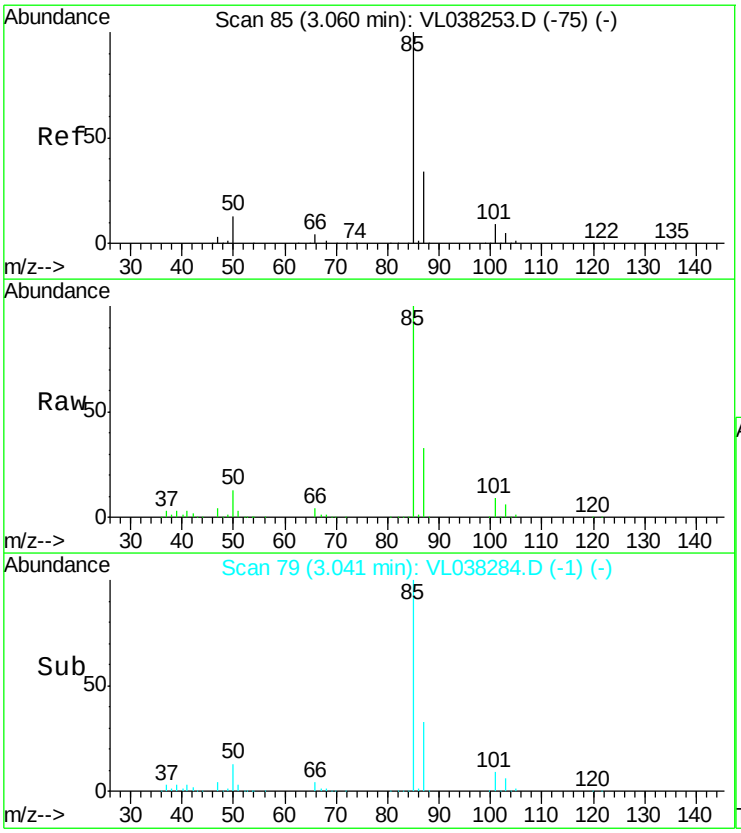
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 604970

Ion	Ratio	Lower	Upper
49	100		
128	51.3	24.5	73.5
130	63.3	30.1	90.5

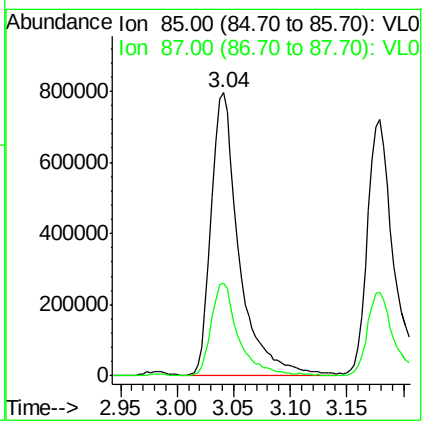


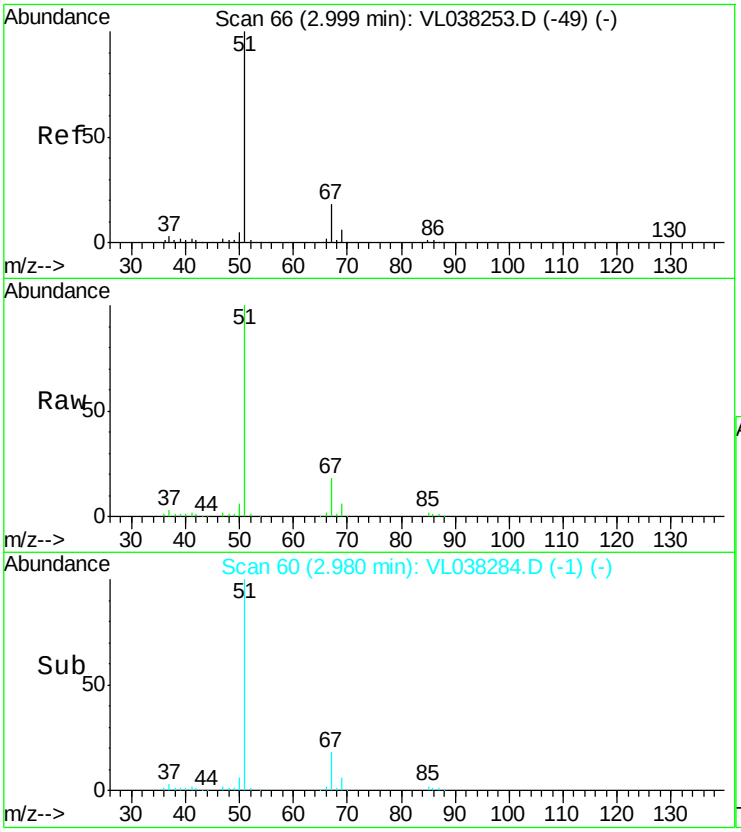


#2
Dichlorodifluoromethane
Concen: 10.519 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 85 Resp: 1354639

Ion	Ratio	Lower	Upper
85	100		
87	32.9	27.0	40.6



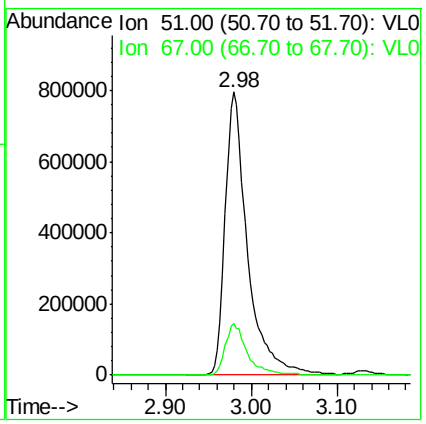


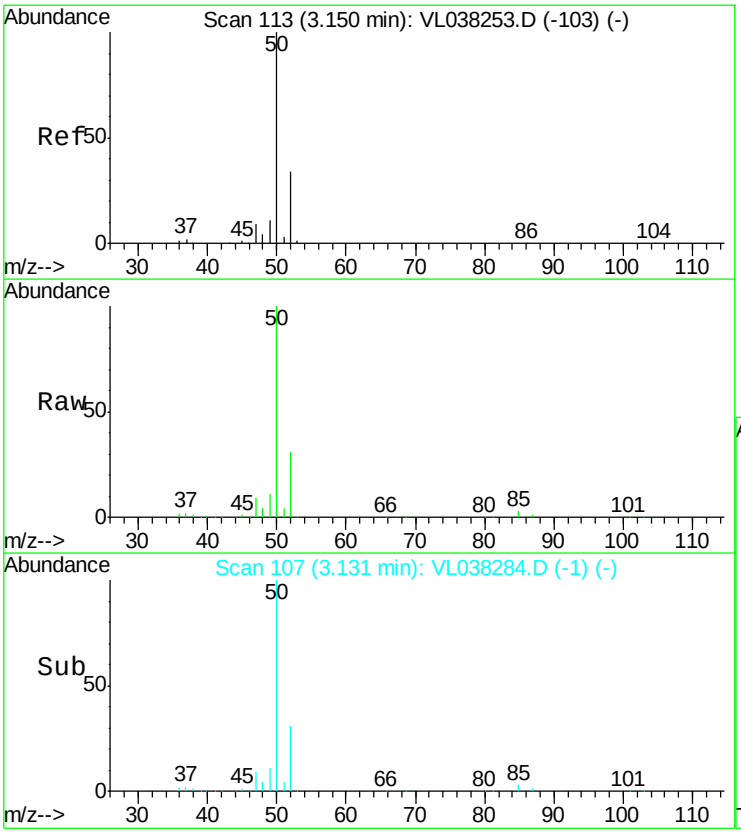
#3
Chlorodifluoromethane
Concen: 11.939 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1437839

Ion	Ratio	Lower	Upper
51	100		
67	18.2	14.4	21.6

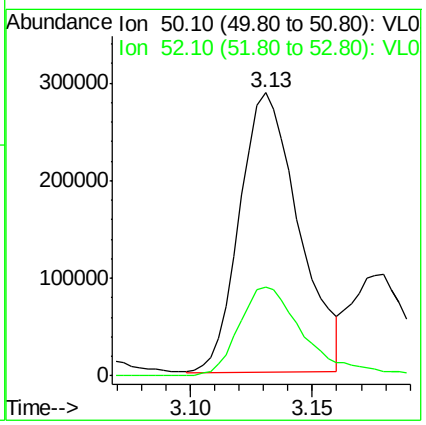


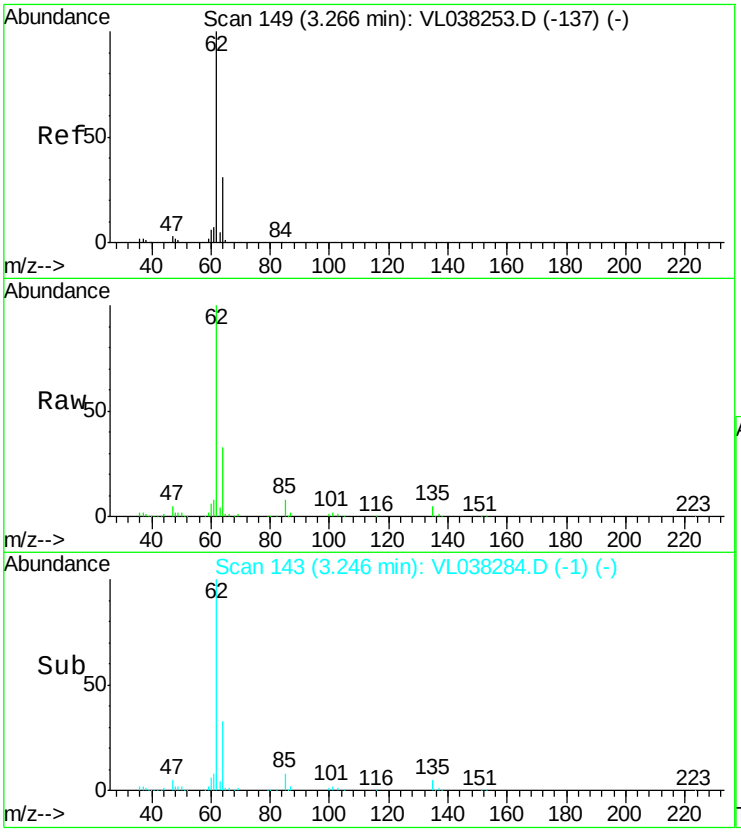


#4
Chloromethane
Concen: 11.651 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 50 Resp: 482728

Ion	Ratio	Lower	Upper
50	100		
52	31.6	27.1	40.7



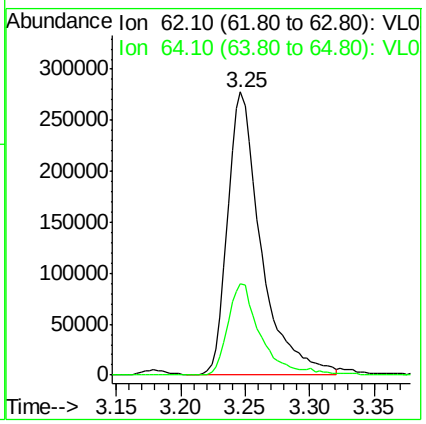


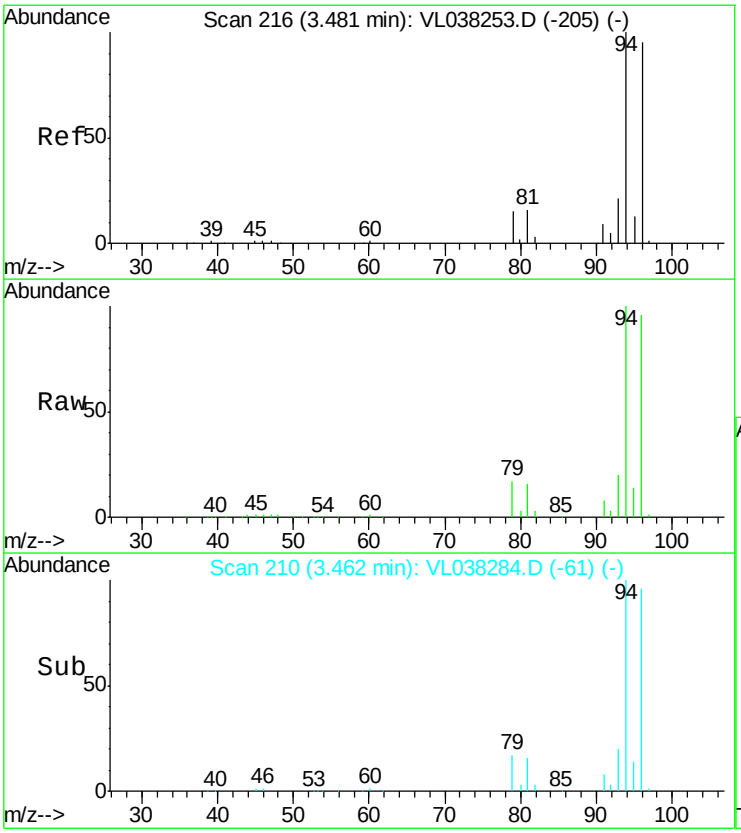
#5
Vinyl Chloride
Concen: 12.054 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 498470

Ion	Ratio	Lower	Upper
62	100		
64	32.6	24.4	36.6

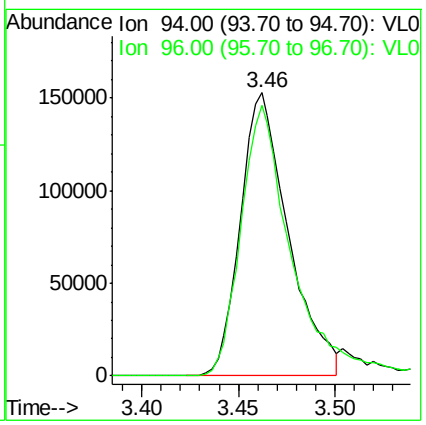


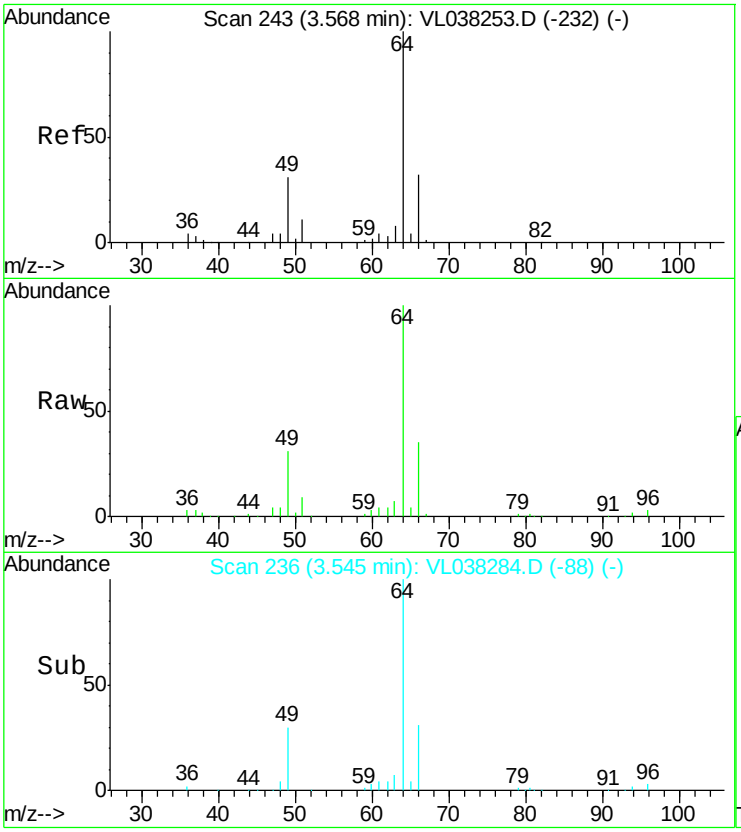


#6
Bromomethane
Concen: 11.814 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 94 Resp: 264126

Ion	Ratio	Lower	Upper
94	100		
96	95.6	76.0	114.0



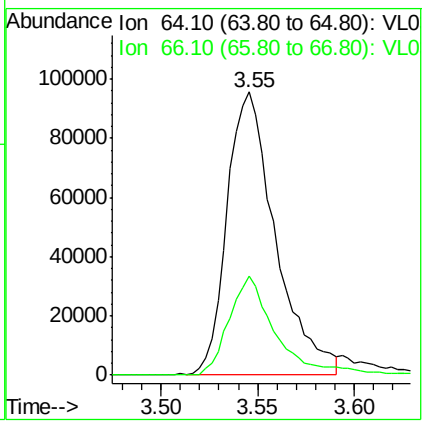


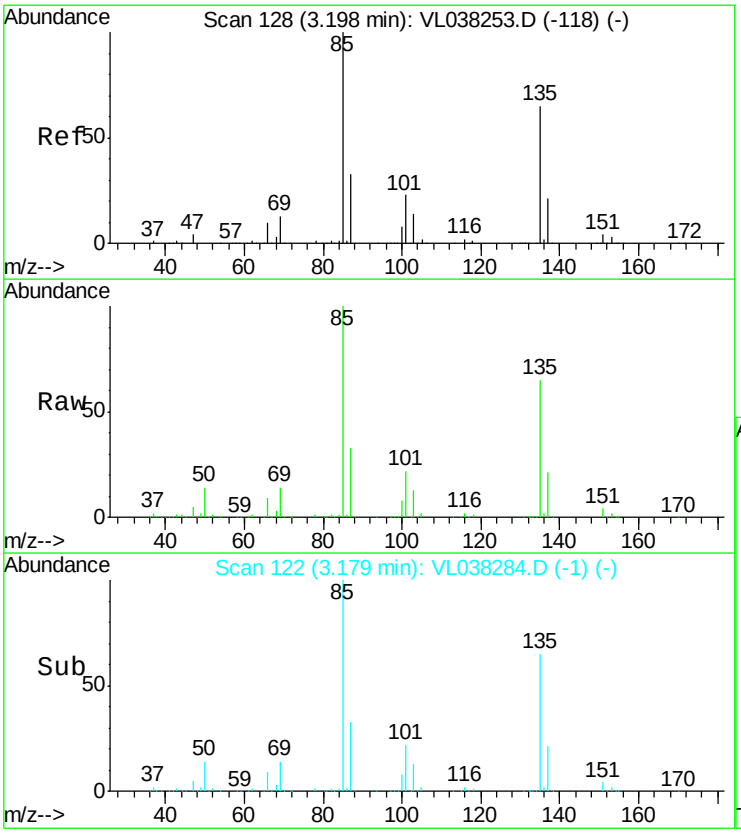
#7
Chloroethane
Concen: 11.809 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 164942

Ion	Ratio	Lower	Upper
64	100		
66	34.8	25.8	38.6

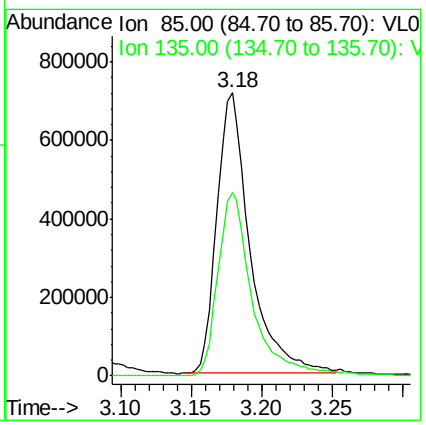


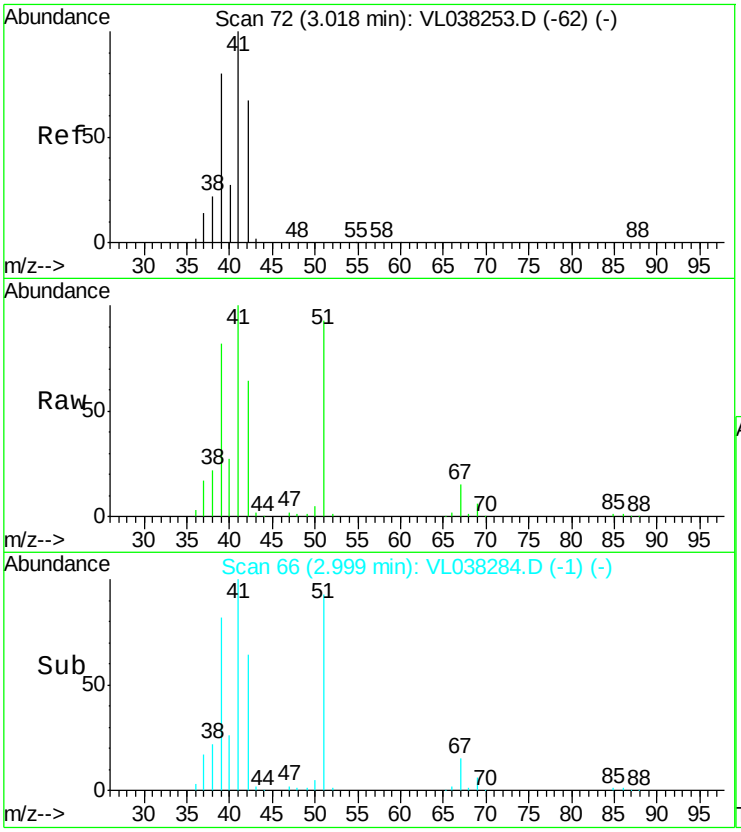


#8
Dichlorotetrafluoroethane
Concen: 11.742 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 85 Resp: 1170152

Ion	Ratio	Lower	Upper
85	100		
135	68.8	53.7	80.5



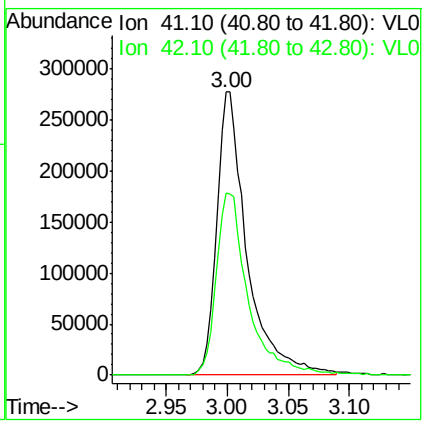


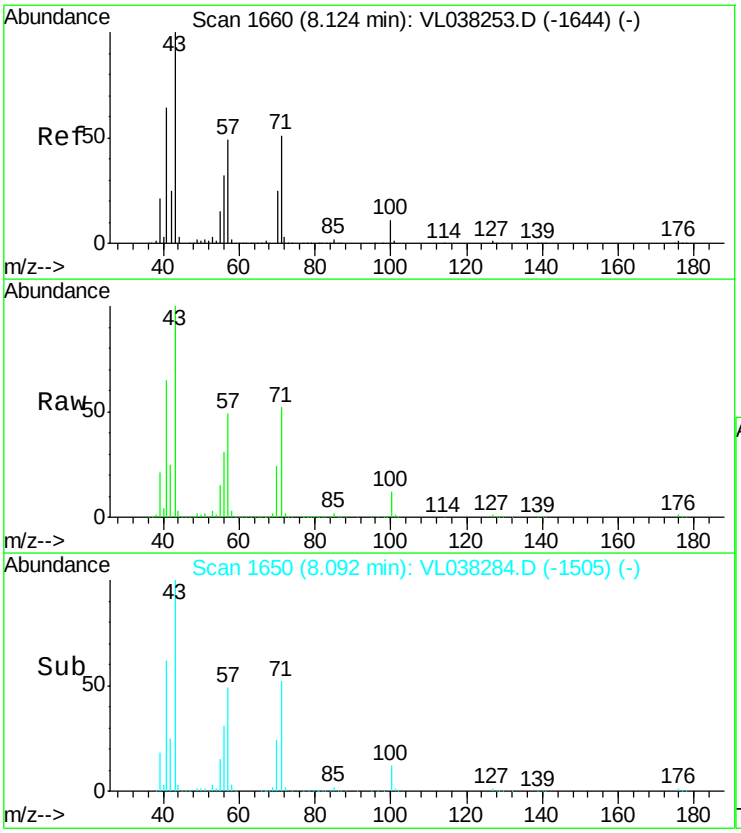
#9
Propene
Concen: 12.295 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 482023

Ion	Ratio	Lower	Upper
41	100		
42	68.5	54.9	82.3

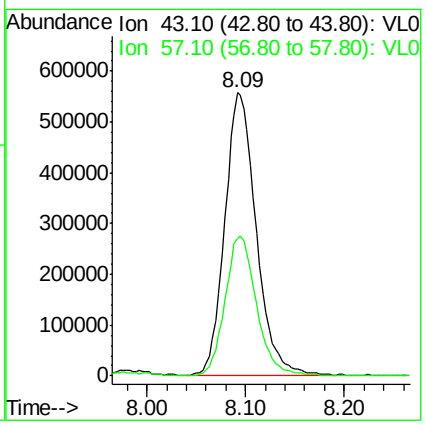


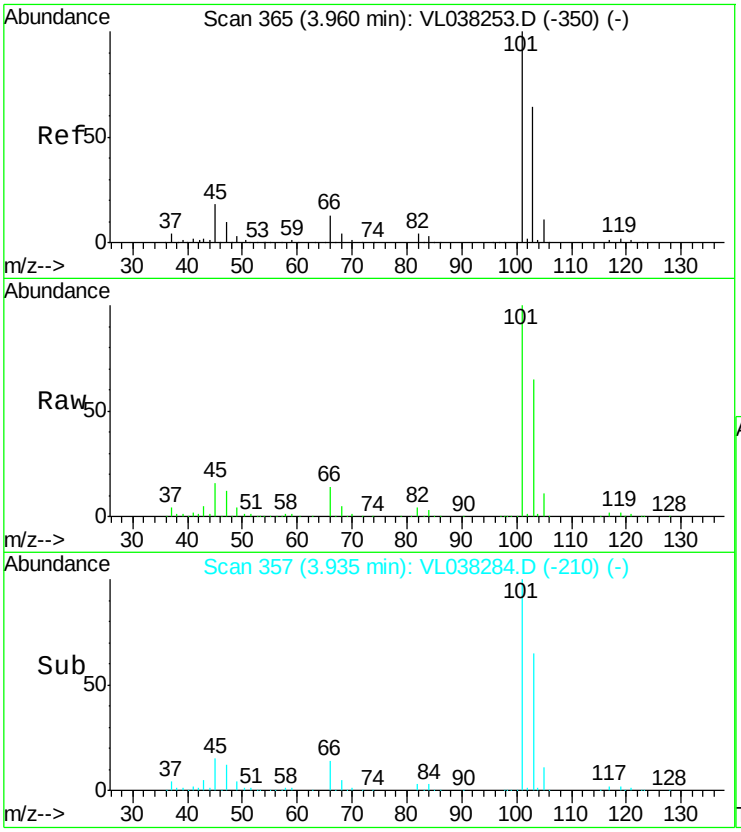


#10
Heptane
Concen: 12.244 ppbv
RT: 8.09 min Scan# 1650
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 43 Resp: 1235030

Ion	Ratio	Lower	Upper
43	100		
57	49.3	39.5	59.3



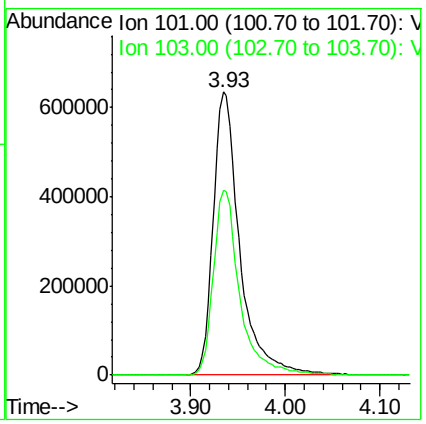


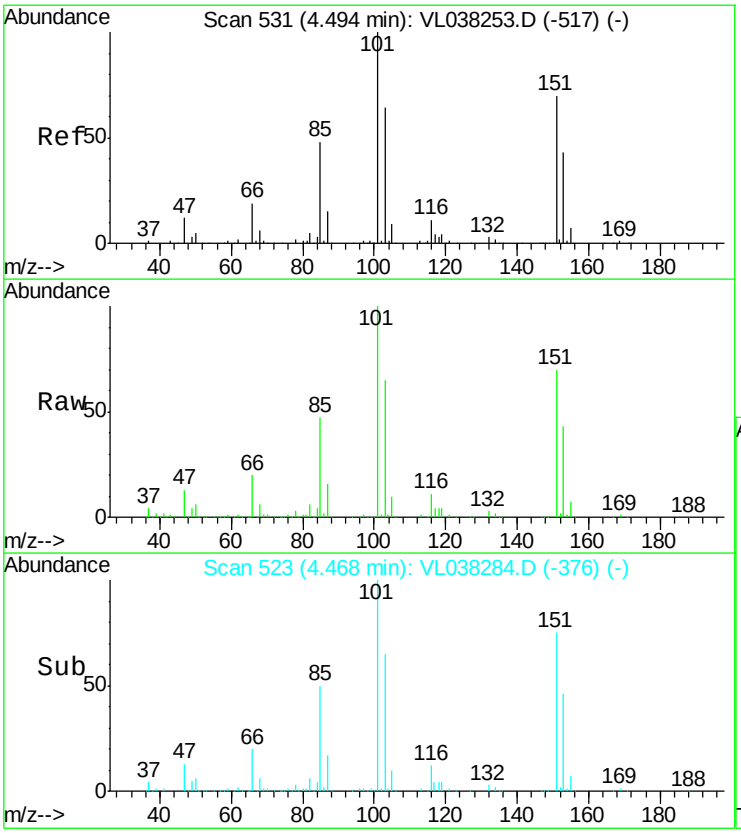
#11
Trichlorofluoromethane
Concen: 12.340 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1238037

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.2	76.8

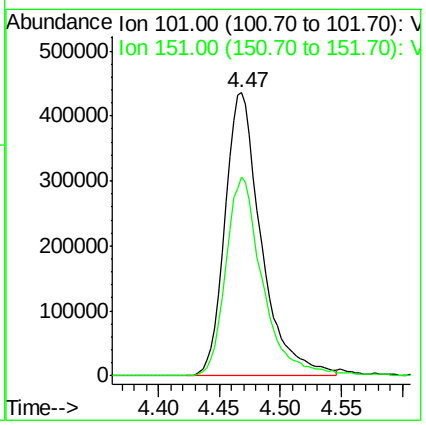


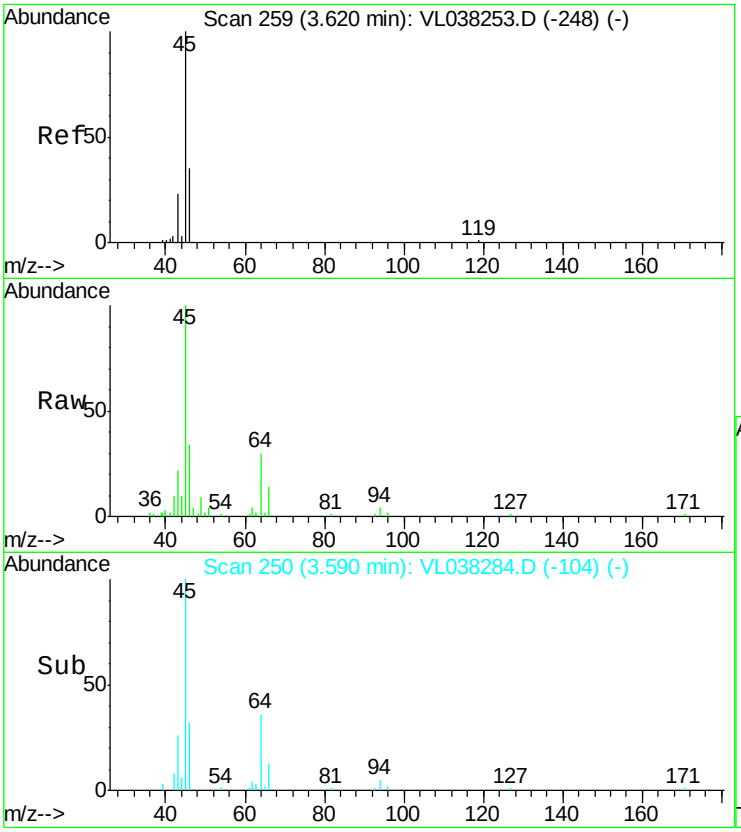


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.969 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:101 Resp: 907716

Ion	Ratio	Lower	Upper
101	100		
151	71.4	55.3	82.9



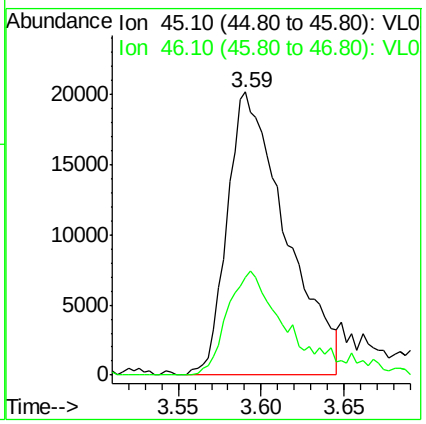


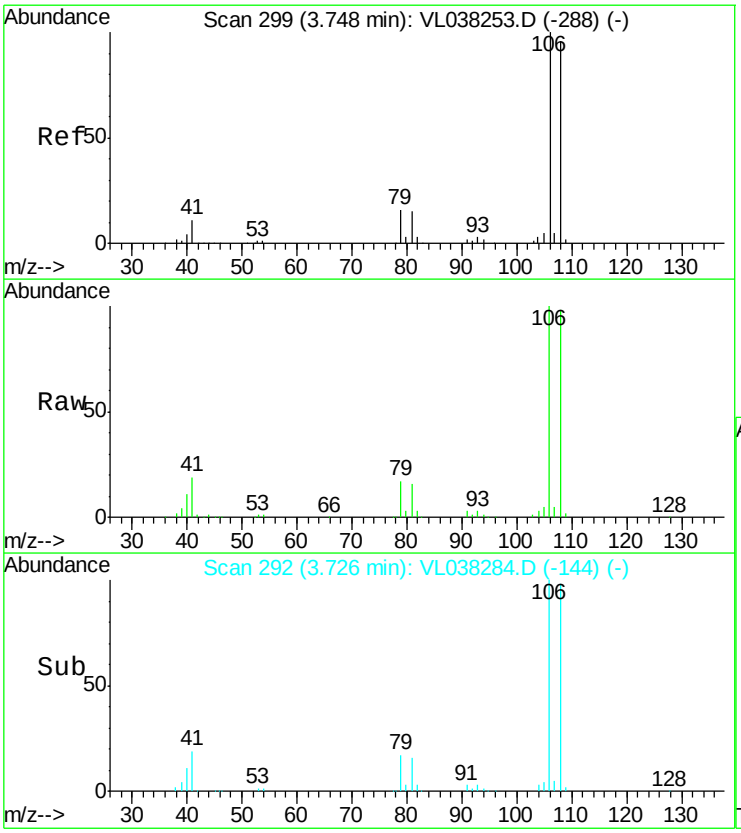
#13
Ethanol
Concen: 11.778 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 49571

Ion	Ratio	Lower	Upper
45	100		
46	39.4	15.4	61.6

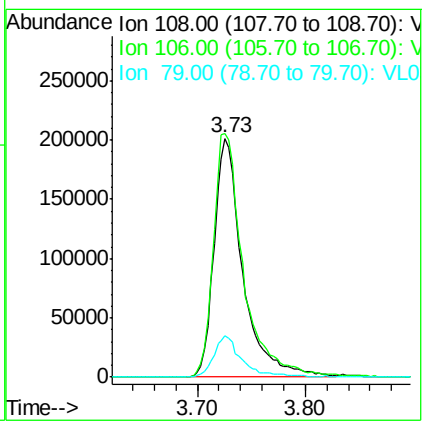


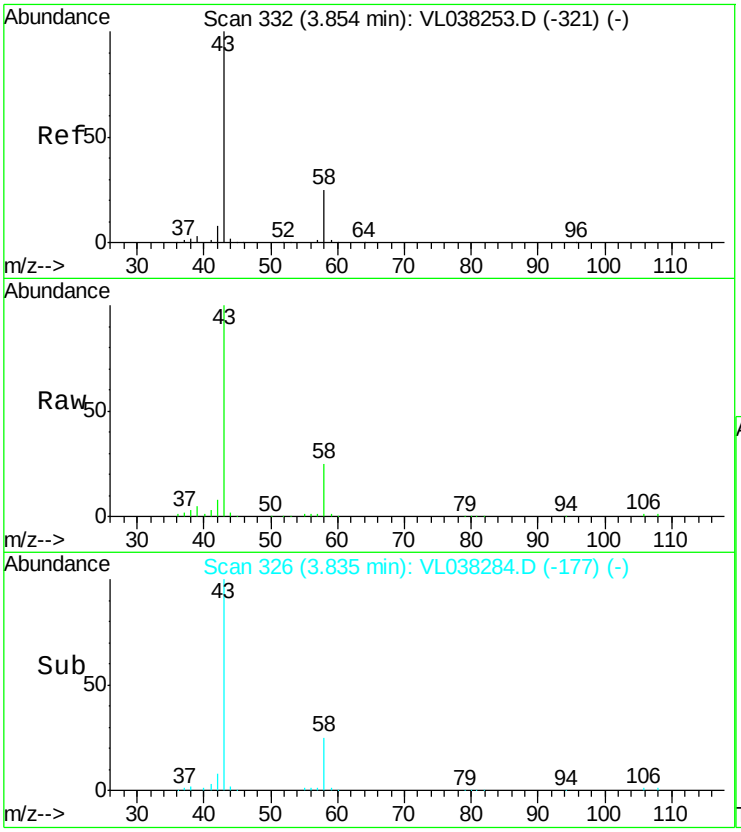


#14
Bromoethene
Concen: 12.589 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:108 Resp: 373084

Ion	Ratio	Lower	Upper
108	100		
106	107.2	86.4	129.6
79	17.3	14.1	21.1



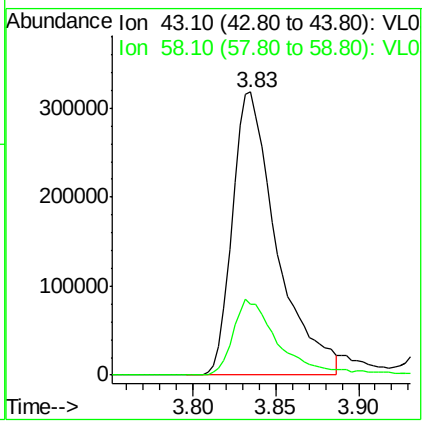


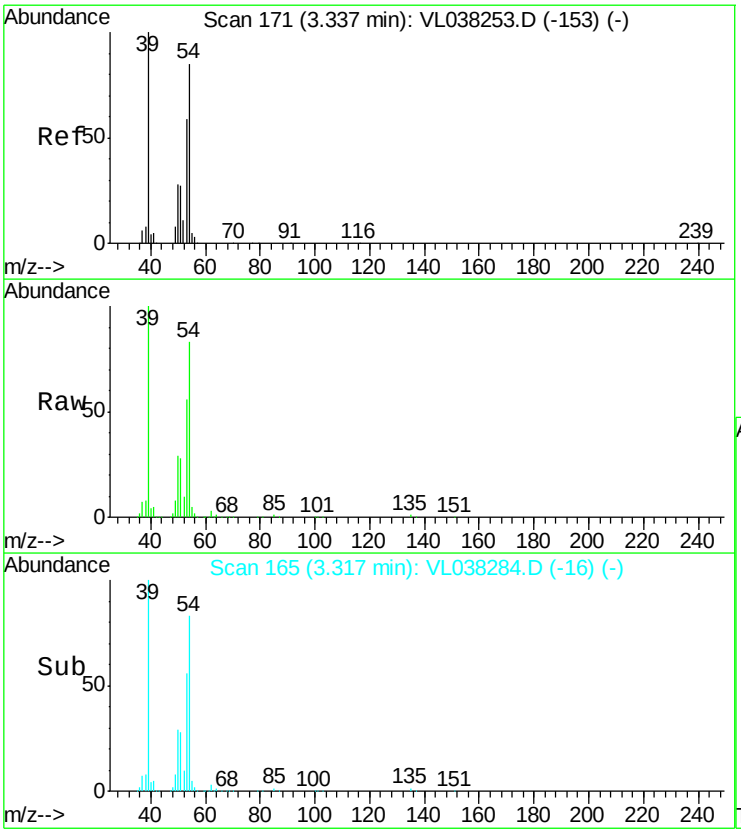
#15
Acetone
Concen: 11.081 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 590956

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.5	32.3

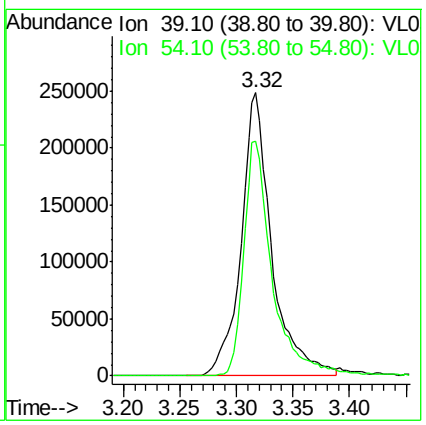


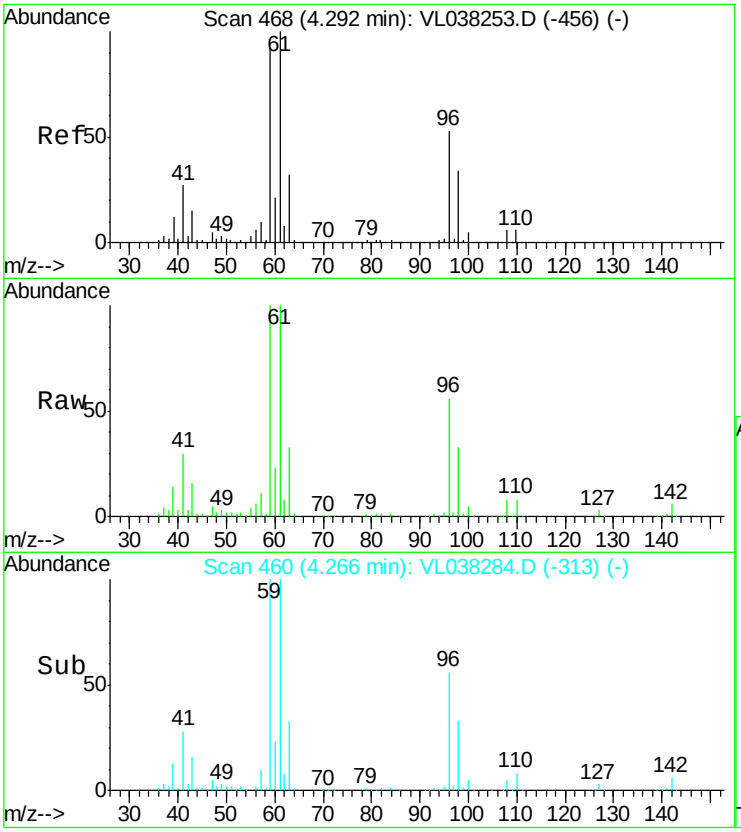


#16
1,3-Butadiene
Concen: 12.229 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 39 Resp: 468003

Ion	Ratio	Lower	Upper
39	100		
54	78.1	62.6	94.0



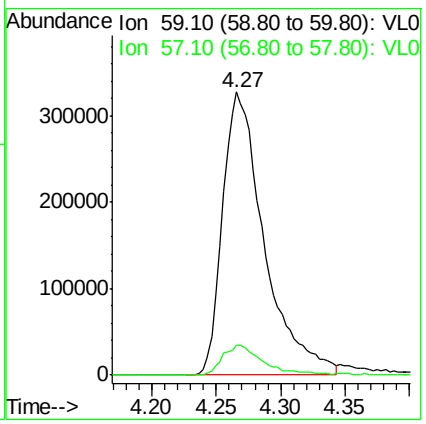


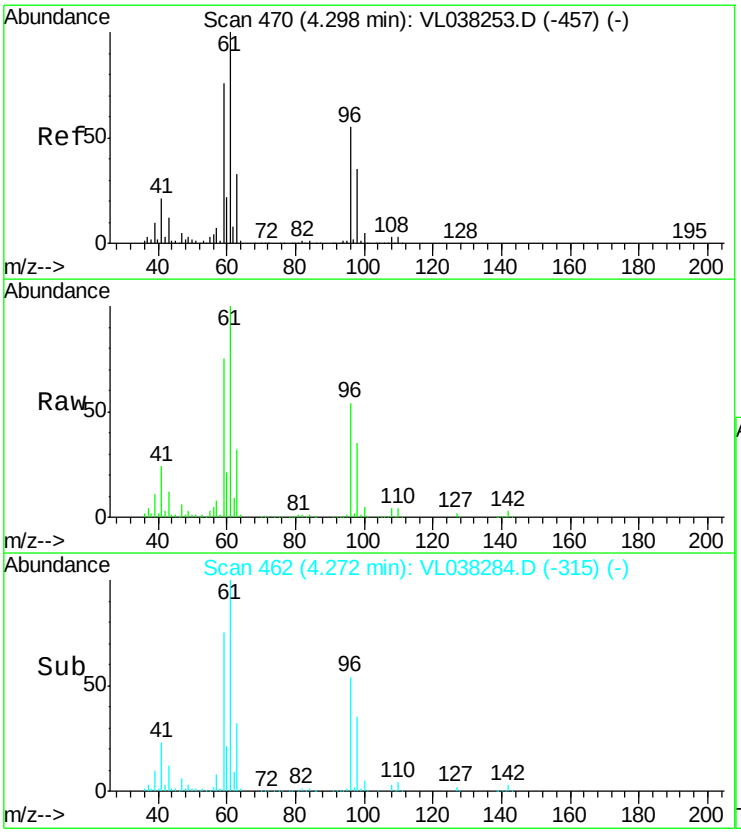
#17
tert-Butyl alcohol
Concen: 12.549 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 734507

Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.2	13.8

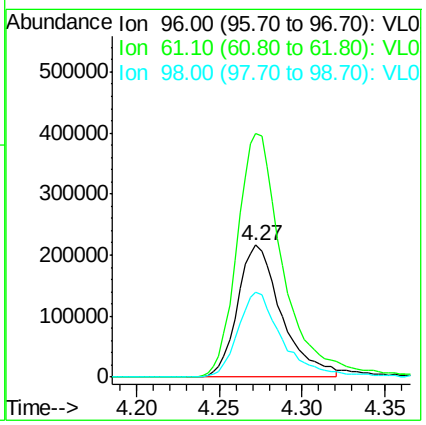


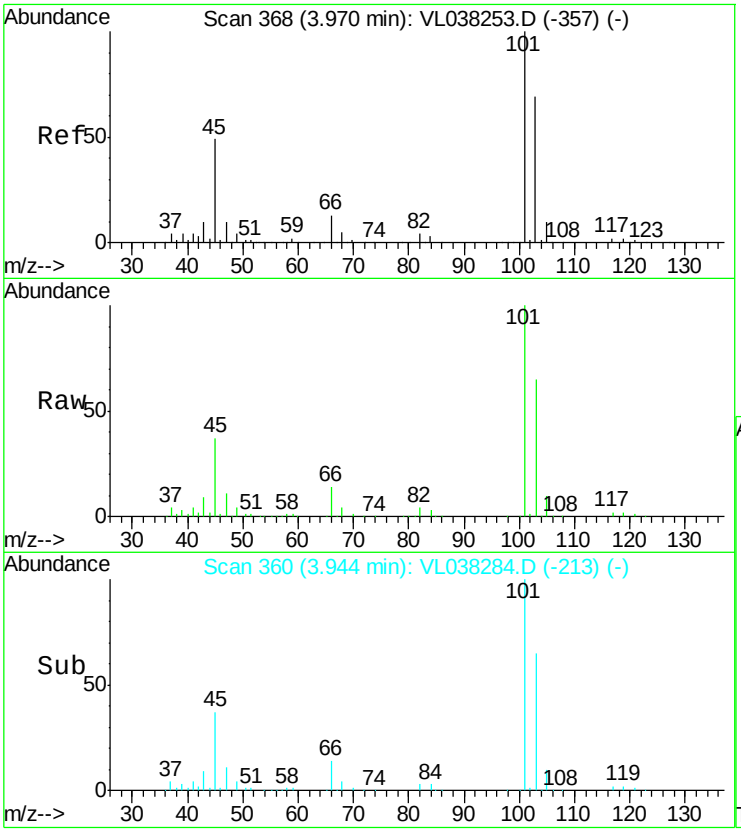


#18
1,1-Dichloroethene
Concen: 12.077 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 96 Resp: 398275

Ion	Ratio	Lower	Upper
96	100		
61	184.3	146.5	219.7
98	63.8	51.9	77.9



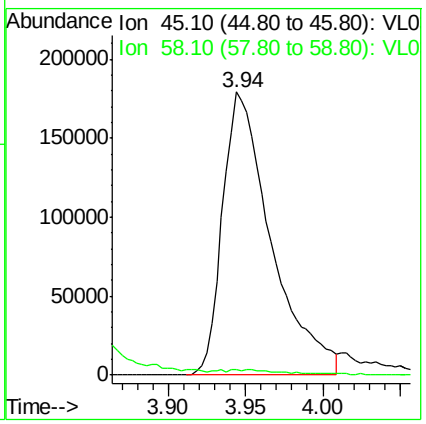


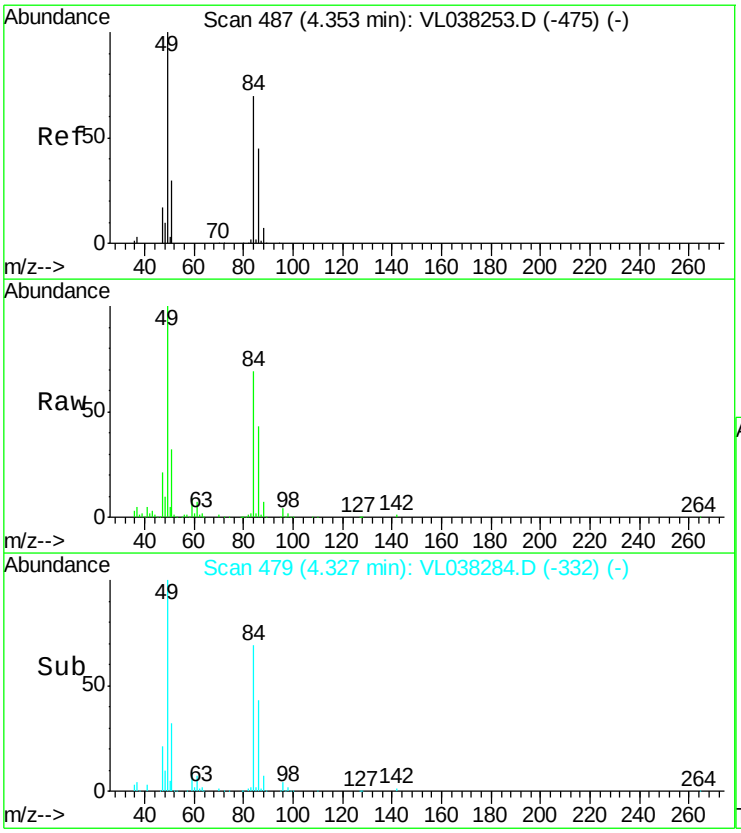
#19
Isopropyl Alcohol
Concen: 11.680 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 389680

Ion	Ratio	Lower	Upper
45	100		
58	2.2	2.3	3.5#

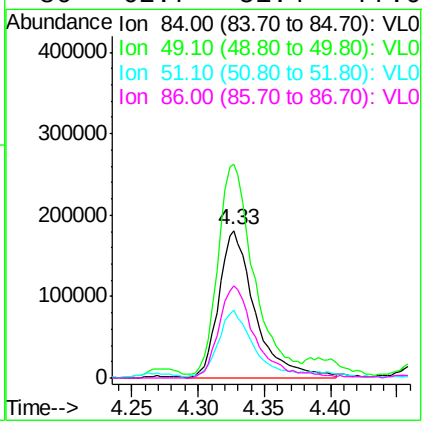


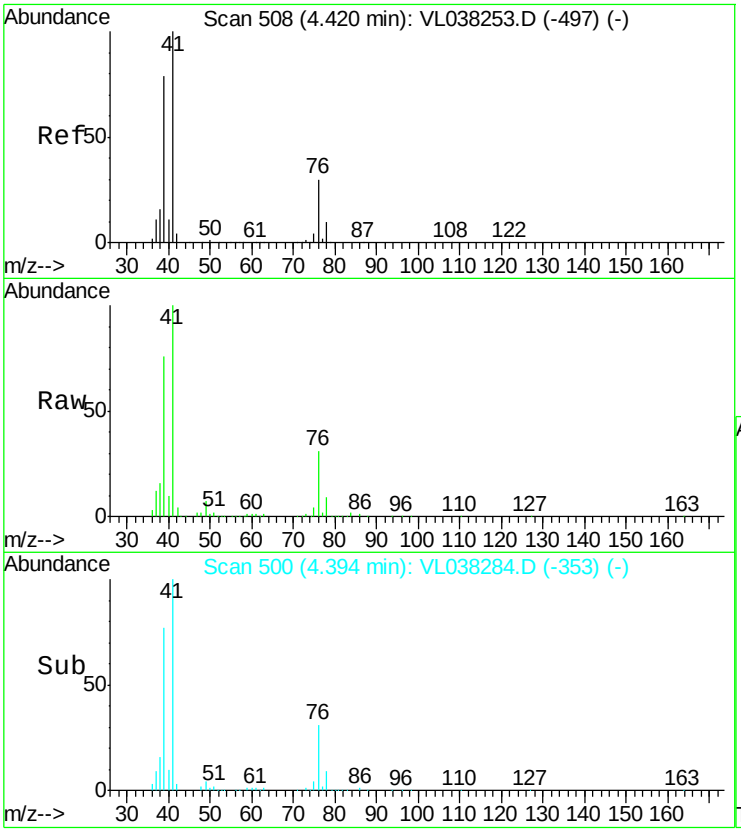


#20
Methylene Chloride
Concen: 10.952 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 84 Resp: 339701

Ion	Ratio	Lower	Upper
84	100		
49	142.5	115.0	172.6
51	45.0	35.0	52.6
86	62.7	51.4	77.0



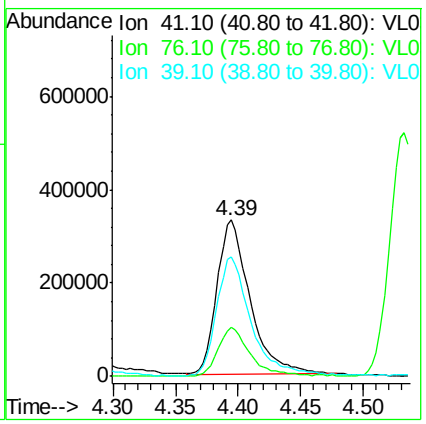


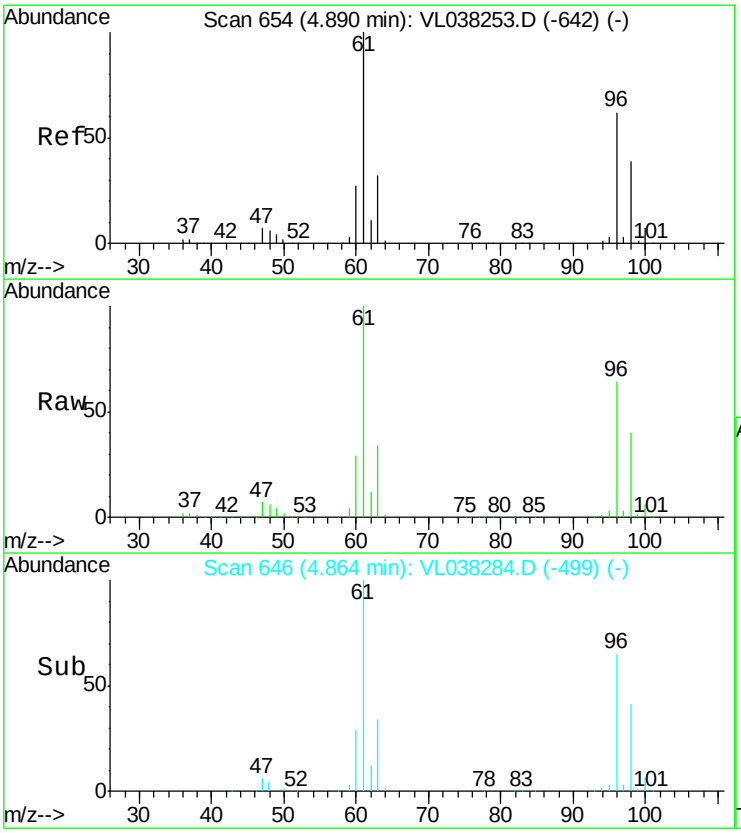
#21
Allyl Chloride
Concen: 12.933 ppbv
RT: 4.39
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 610227

Ion	Ratio	Lower	Upper
41	100		
76	31.0	25.0	37.6
39	79.6	63.0	94.6

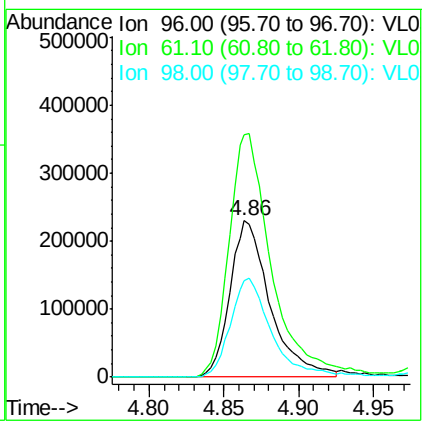


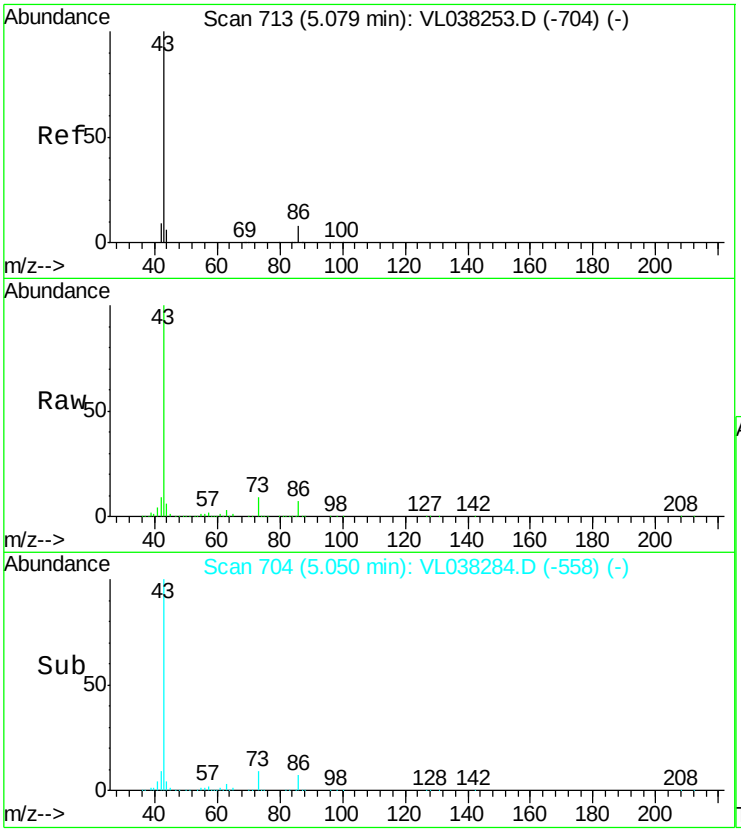


#22
trans-1,2-Dichloroethene
Concen: 12.620 ppbv
RT: 4.86 min Scan# 646
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 96 Resp: 430031

Ion	Ratio	Lower	Upper
96	100		
61	155.2	128.8	193.2
98	62.1	49.8	74.8



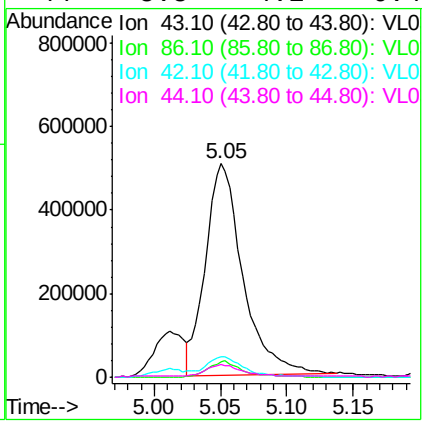


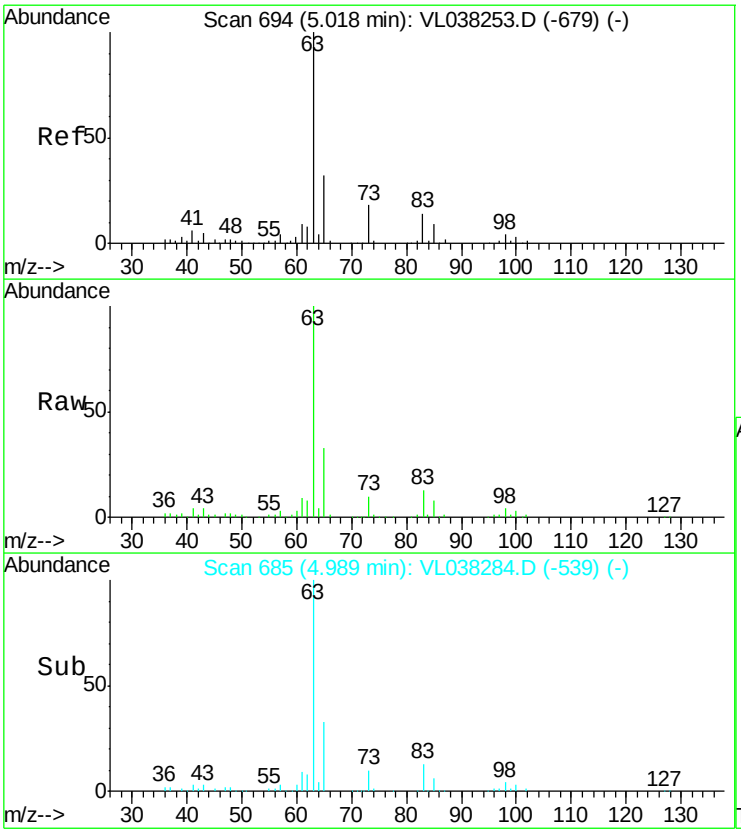
#23
Vinyl Acetate
Concen: 12.783 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 991218

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.7	8.5
42	9.2	7.7	11.5
44	5.5	4.2	6.4

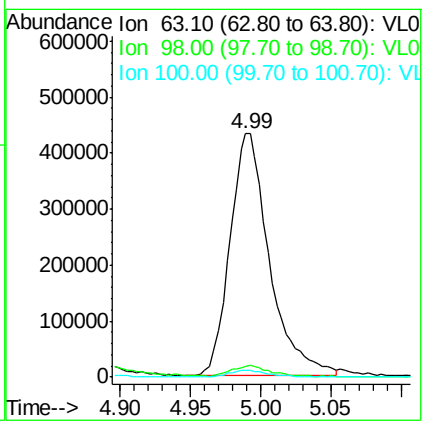


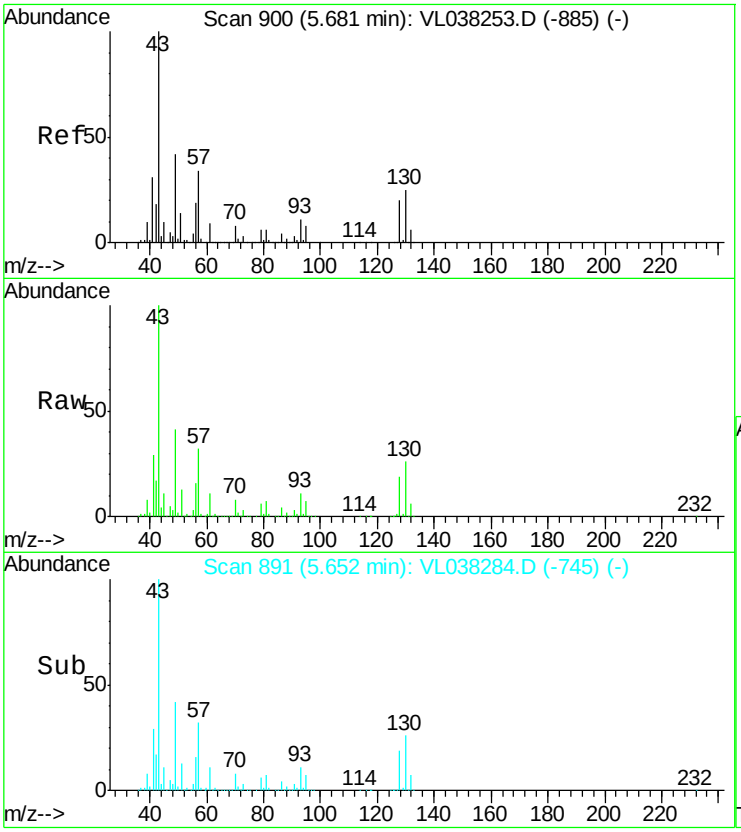


#24
1,1-Dichloroethane
Concen: 12.286 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 63 Resp: 848660

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.3	6.8
100	2.6	1.3	3.9



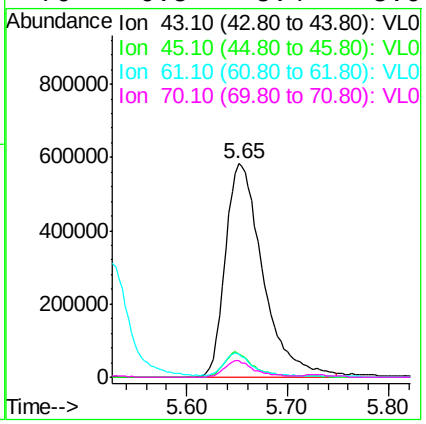


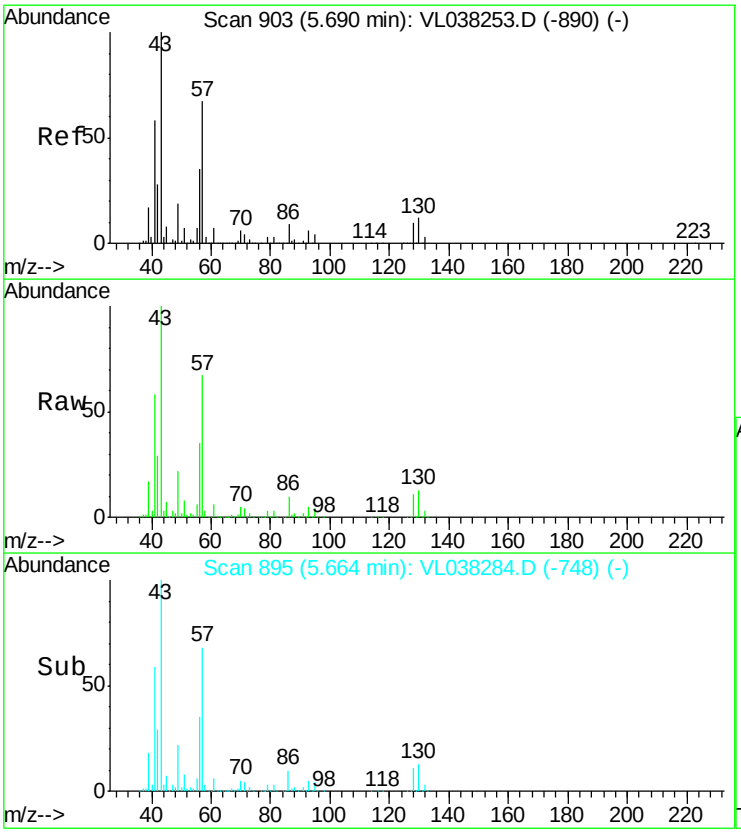
#25
Ethyl Acetate
Concen: 10.046 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1499997

Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.9	11.9
61	9.5	7.8	11.8
70	6.5	5.4	8.0

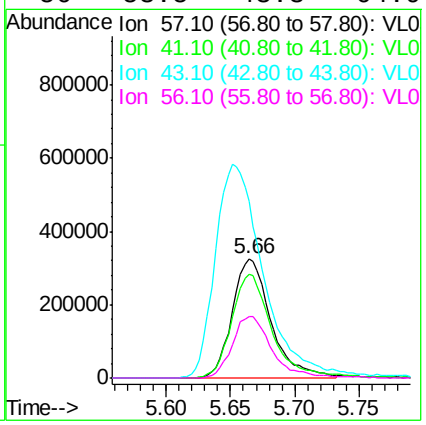


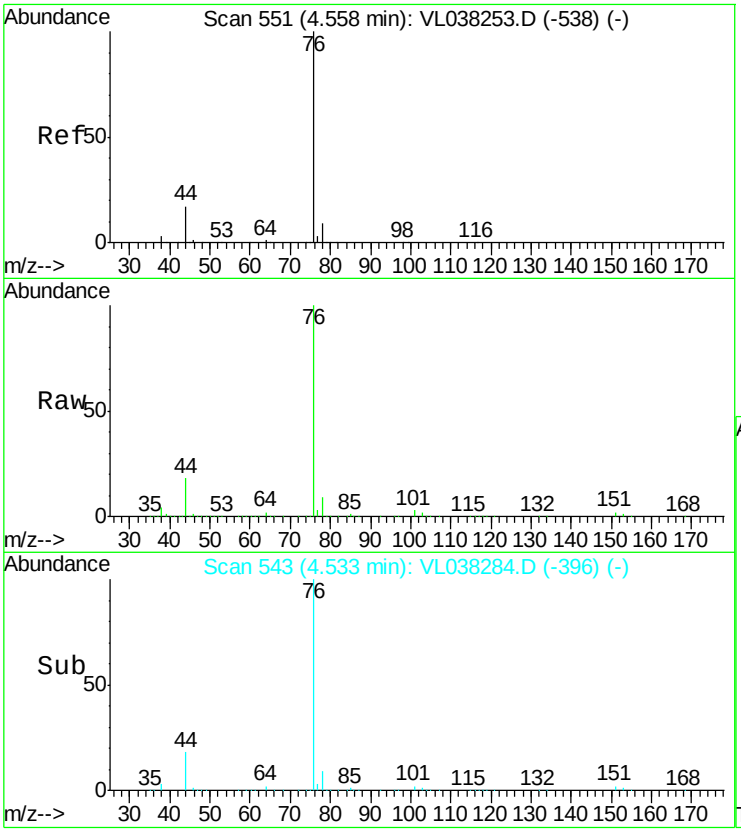


#26
Hexane
Concen: 9.825 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 57 Resp: 682353

Ion	Ratio	Lower	Upper
57	100		
41	91.5	72.8	109.2
43	223.7	177.0	265.6
56	53.5	43.3	64.9



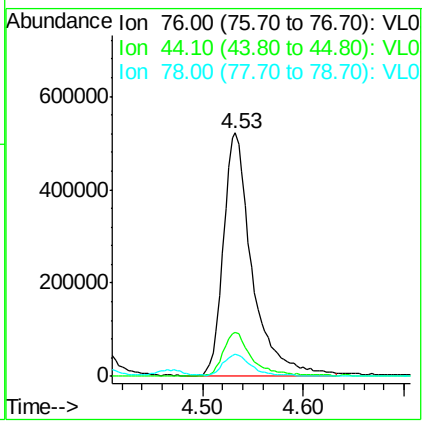


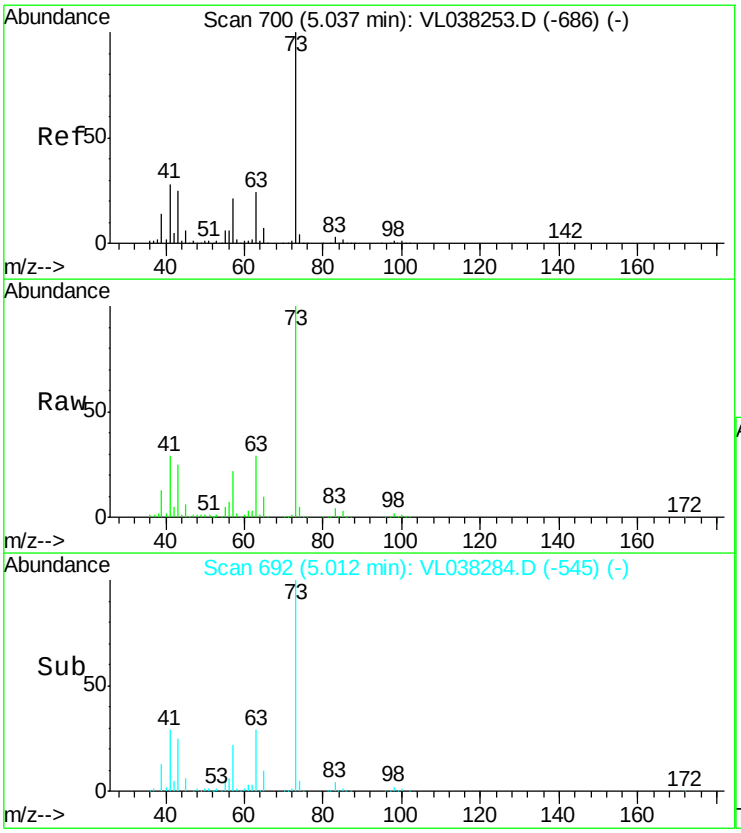
#27
Carbon Disulfide
Concen: 12.745 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1035570

Ion	Ratio	Lower	Upper
76	100		
44	18.1	14.8	22.2
78	9.7	7.9	11.9

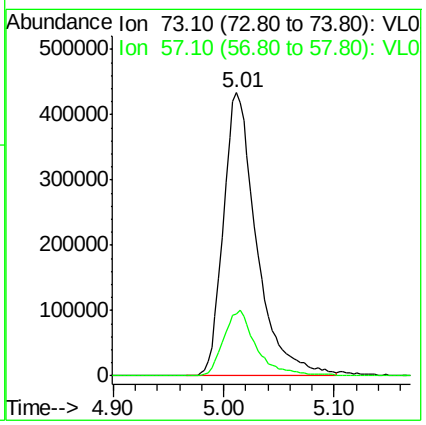


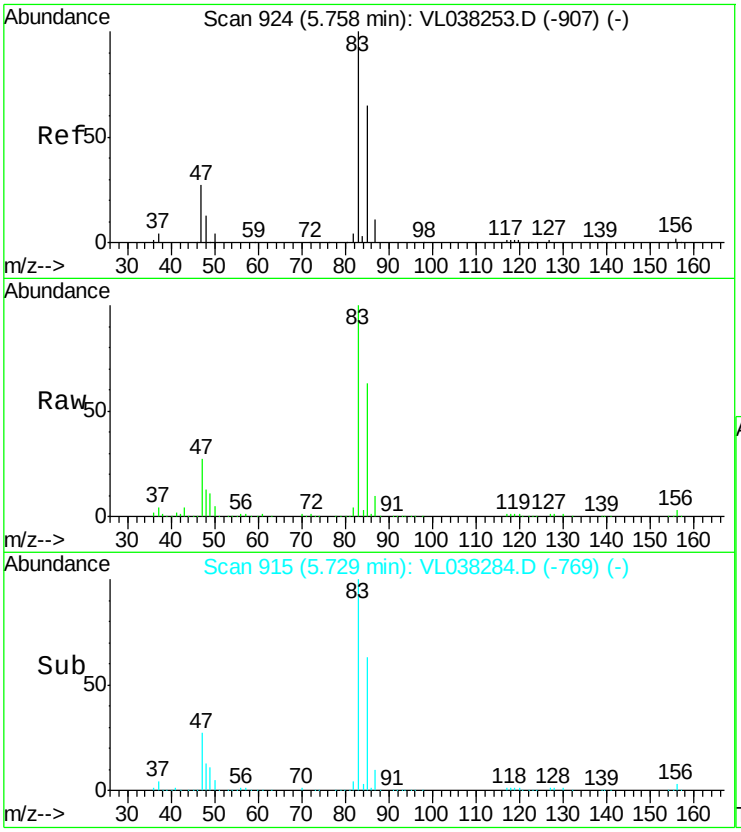


#28
Methyl tert-Butyl Ether
Concen: 12.622 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 73 Resp: 909356

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.4



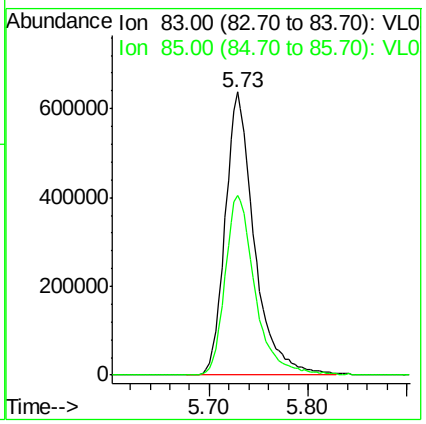


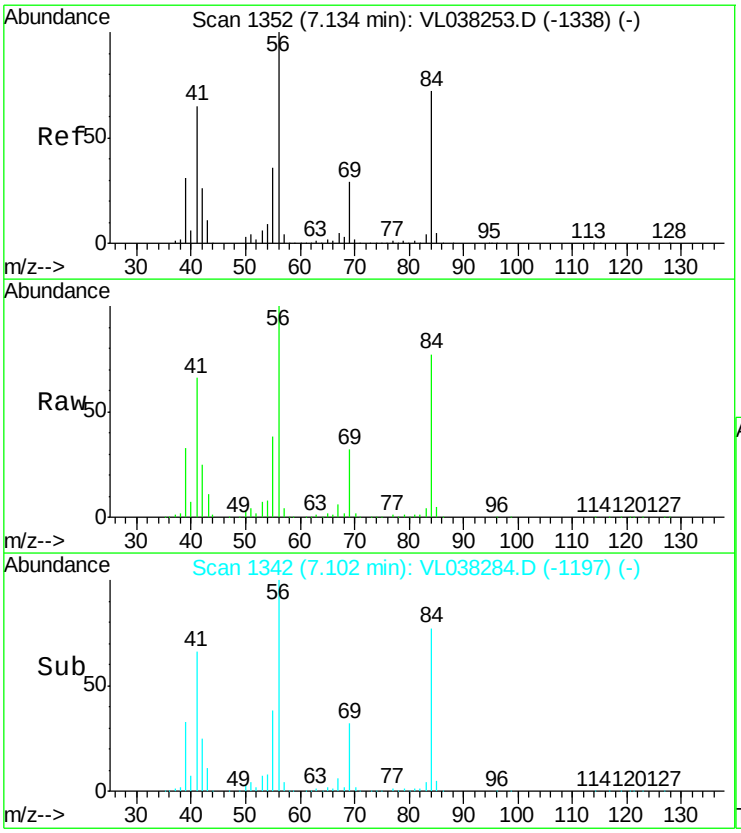
#29
Chloroform
Concen: 11.584 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1313203

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9

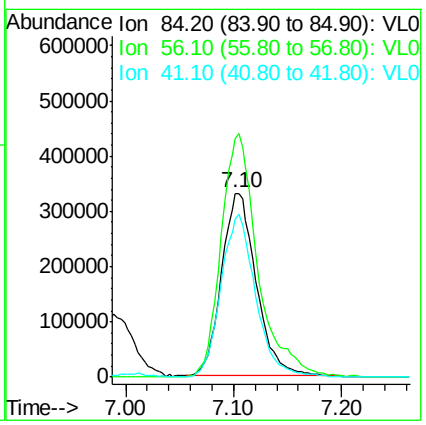


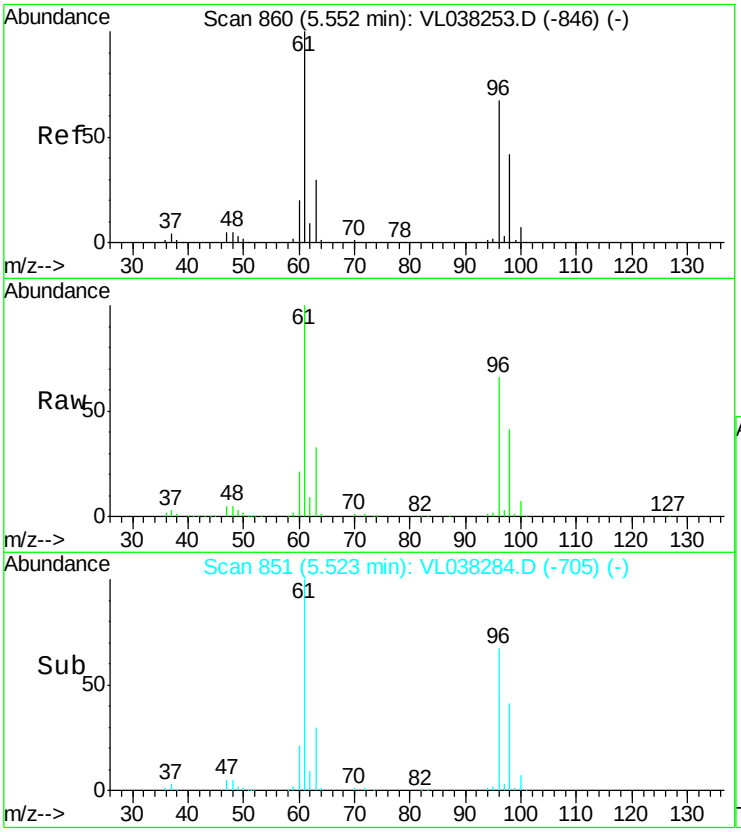


#30
Cyclohexane
Concen: 12.181 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 84 Resp: 736578

Ion	Ratio	Lower	Upper
84	100		
56	142.2	112.7	169.1
41	90.1	71.1	106.7



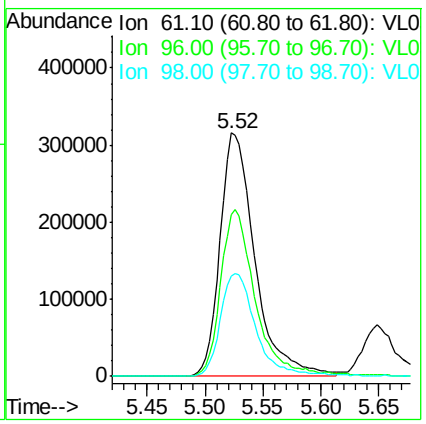


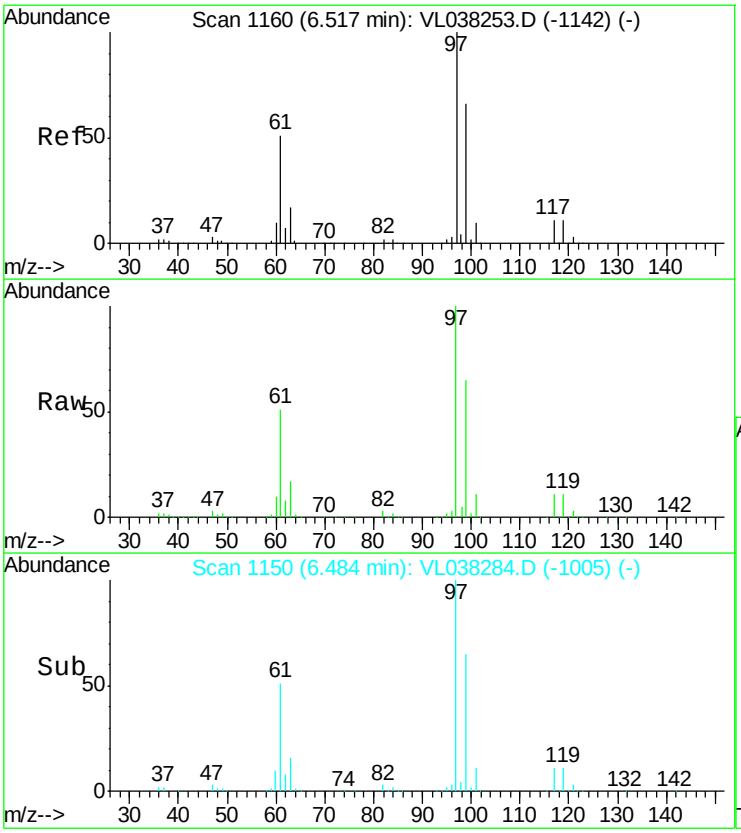
#31
cis-1,2-Dichloroethene
Concen: 10.832 ppbv
RT: 5.52
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 656197

Ion	Ratio	Lower	Upper
61	100		
96	66.3	53.3	79.9
98	41.0	33.7	50.5

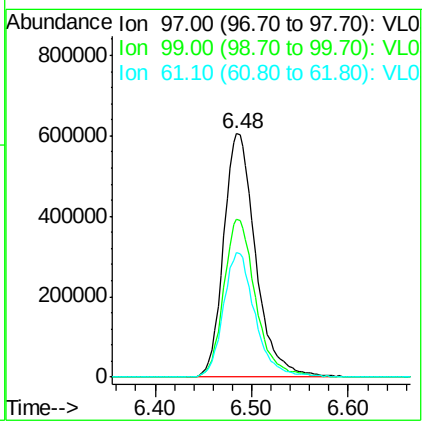


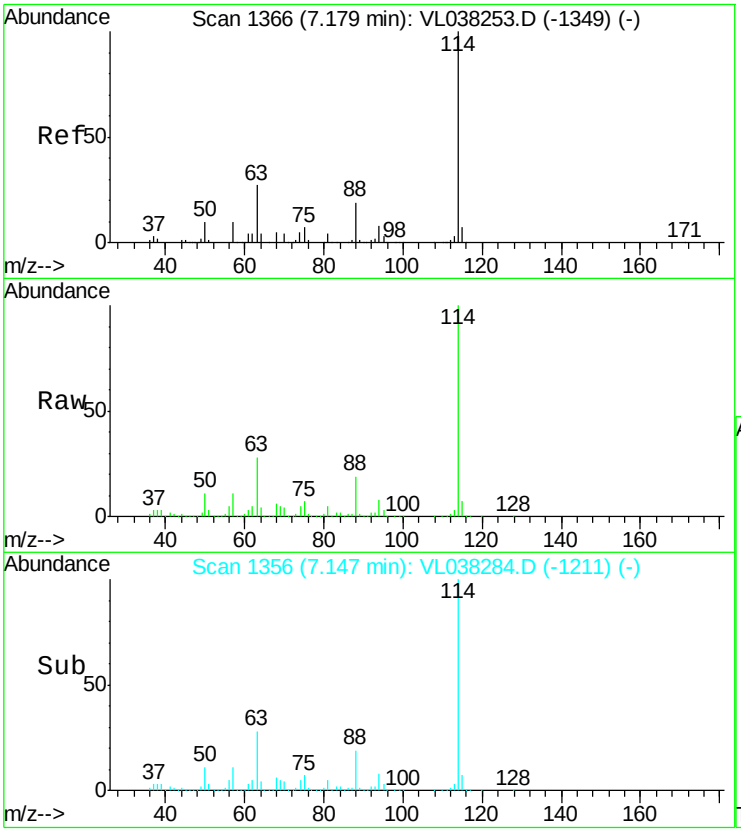


#32
1,1,1-Trichloroethane
Concen: 12.288 ppbv
RT: 6.48 min Scan# 1150
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 97 Resp: 1391321

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	51.0	40.5	60.7



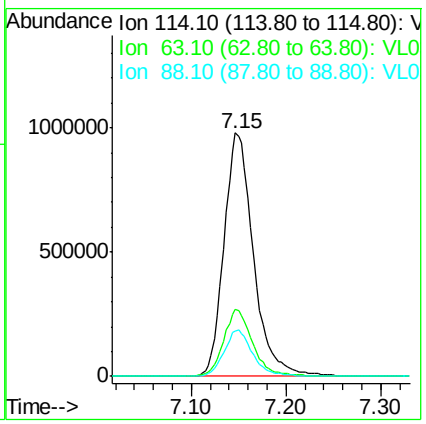


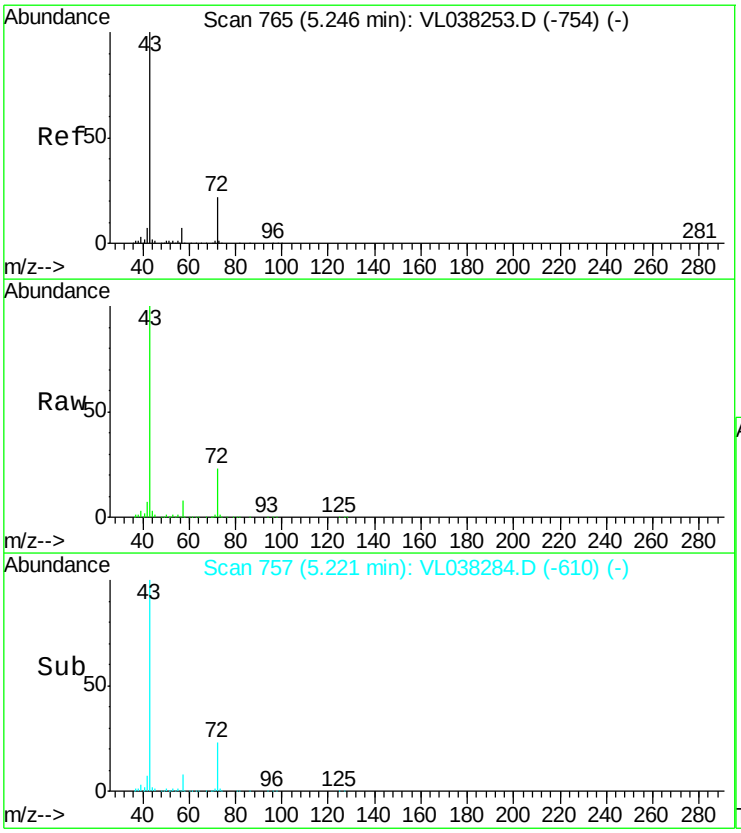
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2120172

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.0	33.0
88	18.7	15.0	22.6

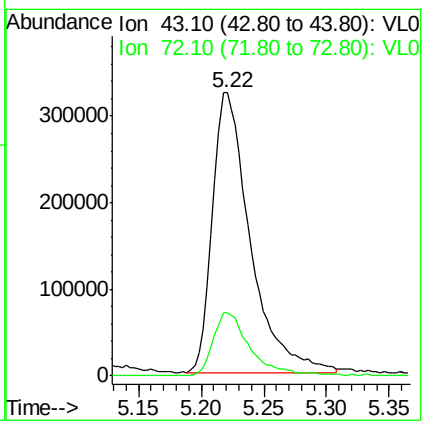


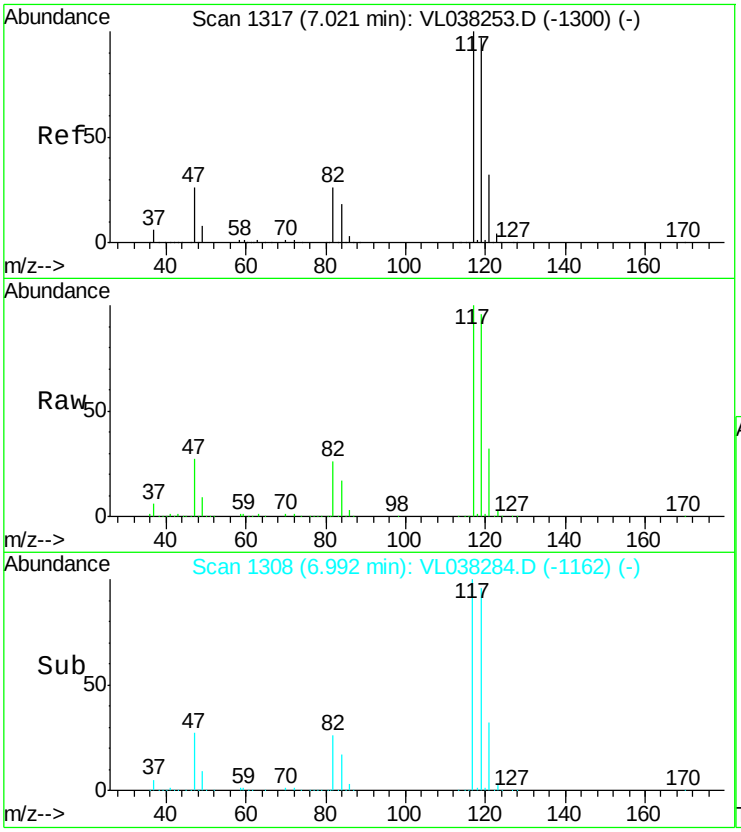


#34
2-Butanone
Concen: 9.735 ppbv
RT: 5.22 min Scan# 757
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 43 Resp: 674934

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.1	27.1



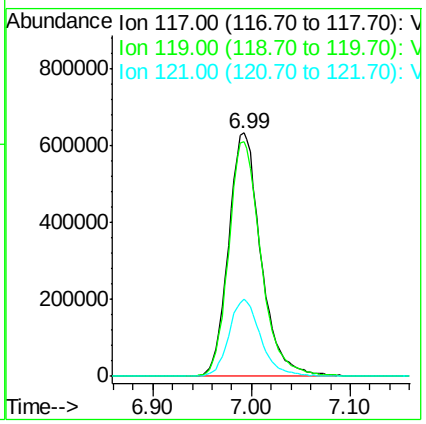


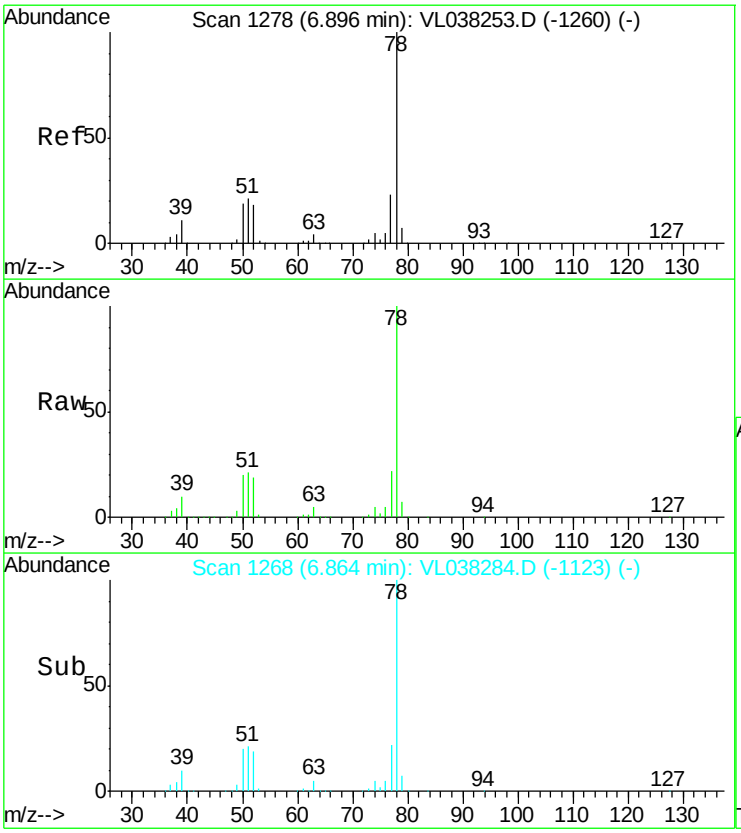
#35
Carbon Tetrachloride
Concen: 9.726 ppbv
RT: 6.99
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1447497

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.9	116.9
121	31.9	25.4	38.2

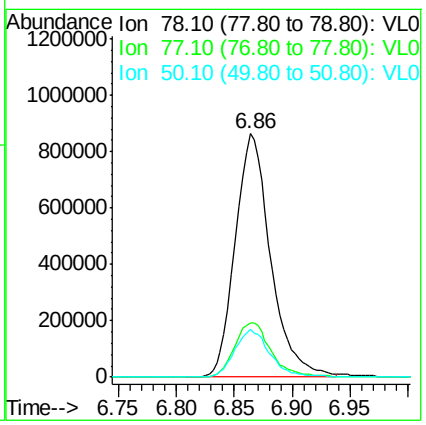


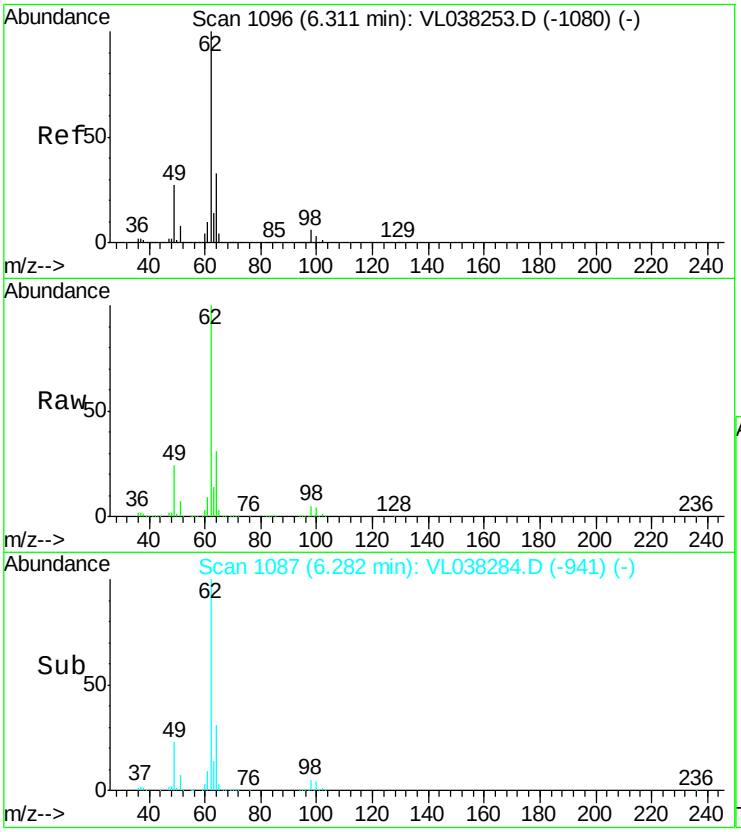


#36
Benzene
Concen: 9.763 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 78 Resp: 1830905

Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.2
50	19.5	15.1	22.7



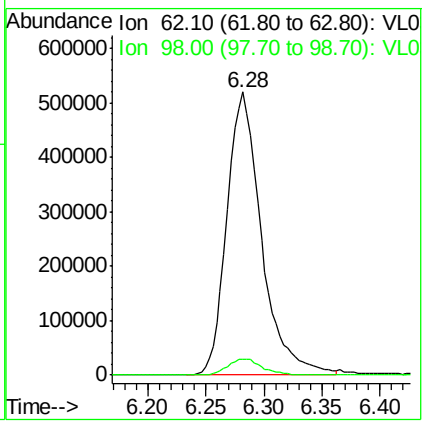


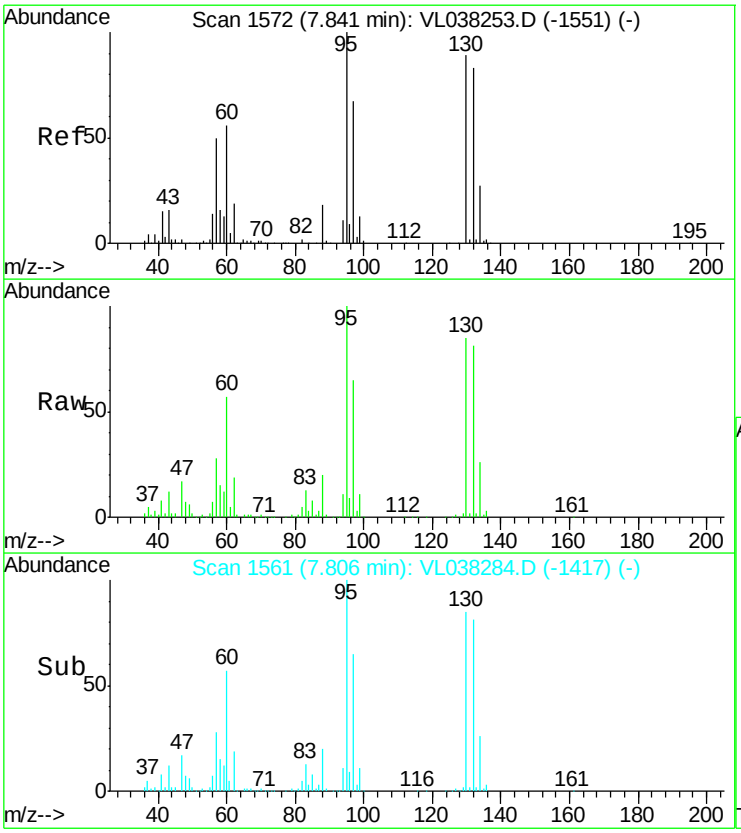
#37
1,2-Dichloroethane
Concen: 10.036 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1078084

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.5	6.7

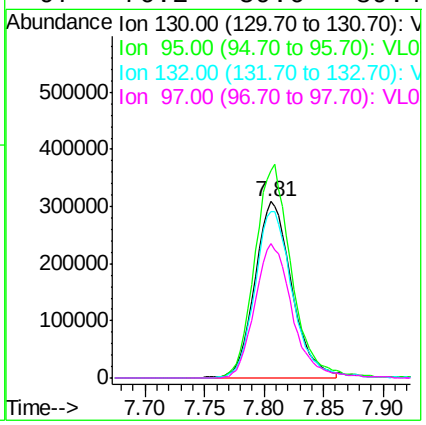


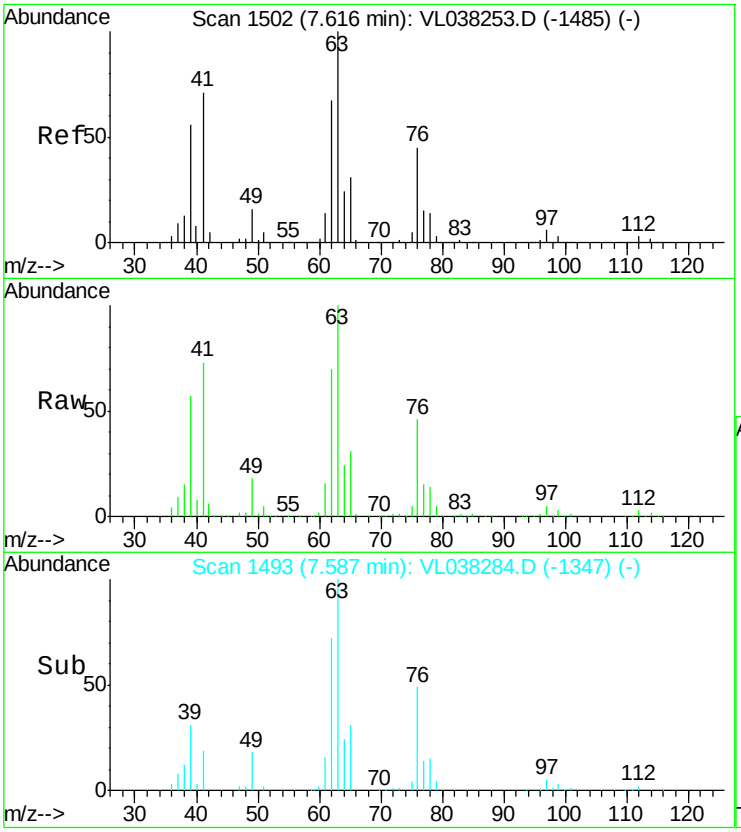


#38
Trichloroethene
Concen: 9.482 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.04 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:130 Resp: 662442

Ion	Ratio	Lower	Upper
130	100		
95	117.7	89.4	134.2
132	94.8	74.6	111.8
97	76.2	59.6	89.4



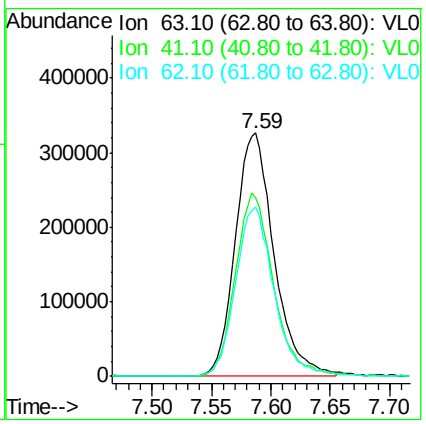


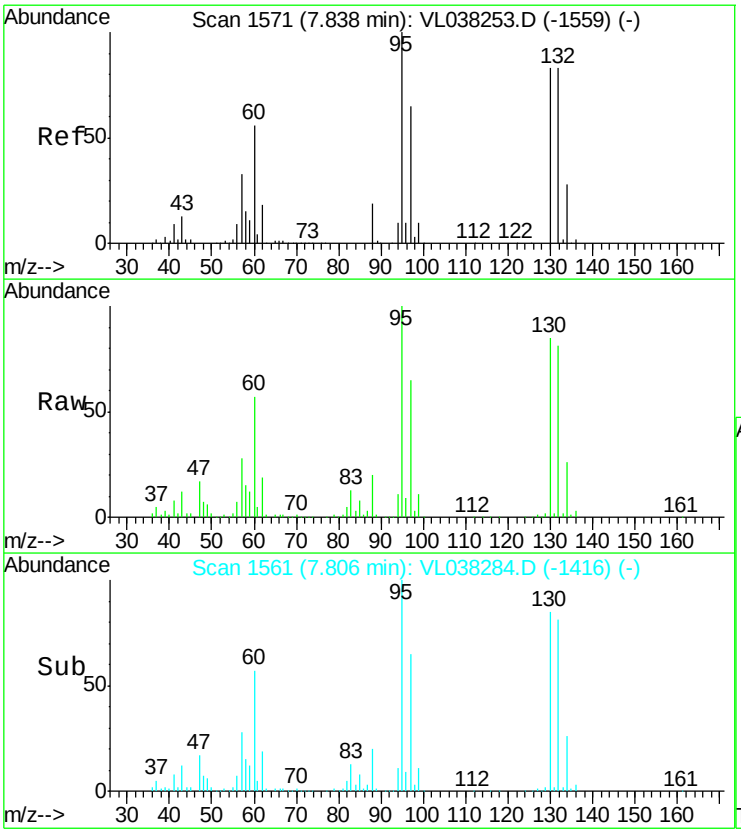
#39
1,2-Dichloropropane
Concen: 9.634 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 732499

Ion	Ratio	Lower	Upper
63	100		
41	73.2	56.6	85.0
62	69.5	53.9	80.9

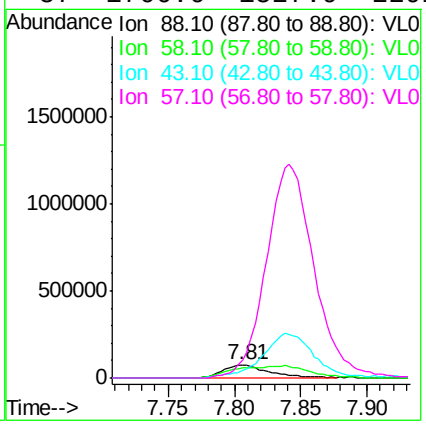


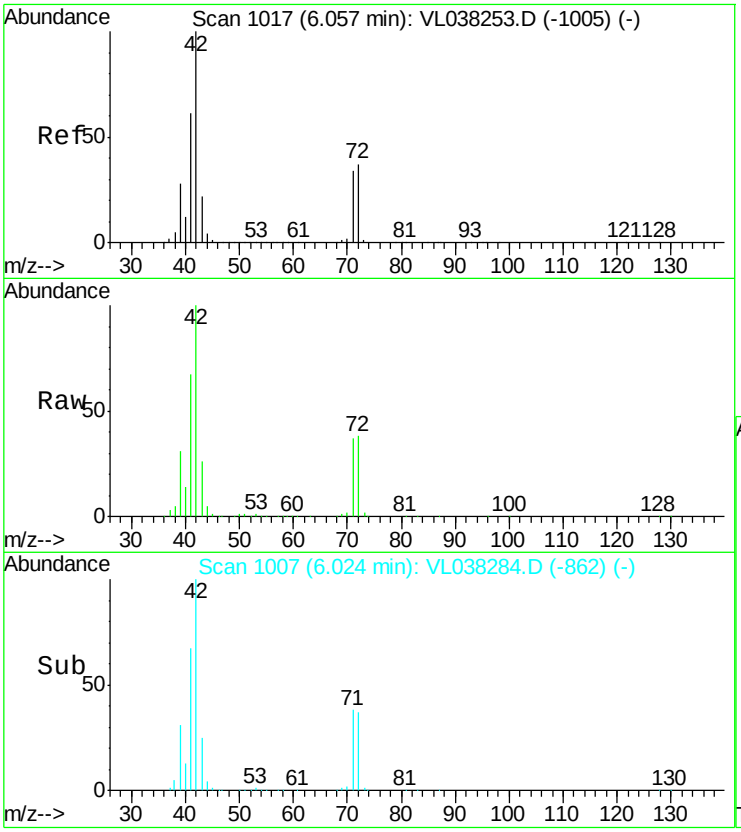


#40
1,4-Dioxane
Concen: 9.659 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 88 Resp: 176764

Ion	Ratio	Lower	Upper
88	100		
58	160.4	138.6	208.0
43	404.9	346.9	520.3
57	1766.6	1527.9	2291.9



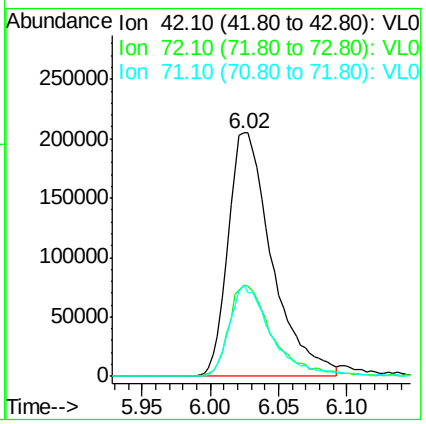


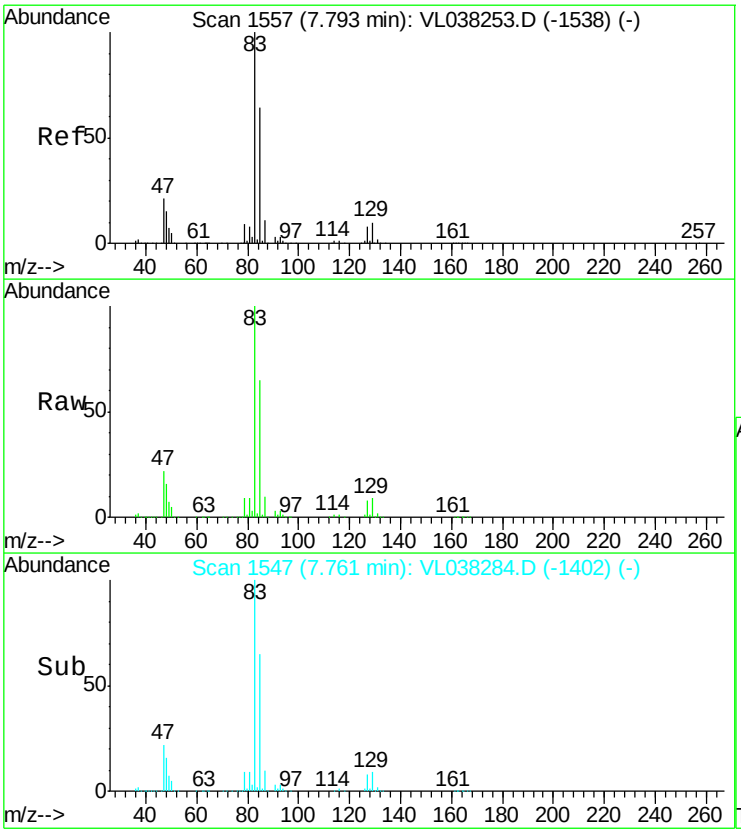
#41
Tetrahydrofuran
Concen: 9.860 ppbv
RT: 6.02
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 459559

Ion	Ratio	Lower	Upper
42	100		
72	37.8	29.7	44.5
71	35.8	29.4	44.2

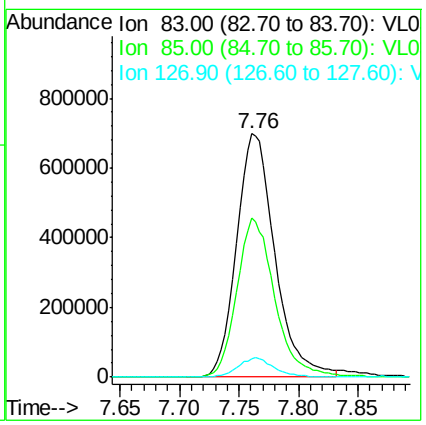


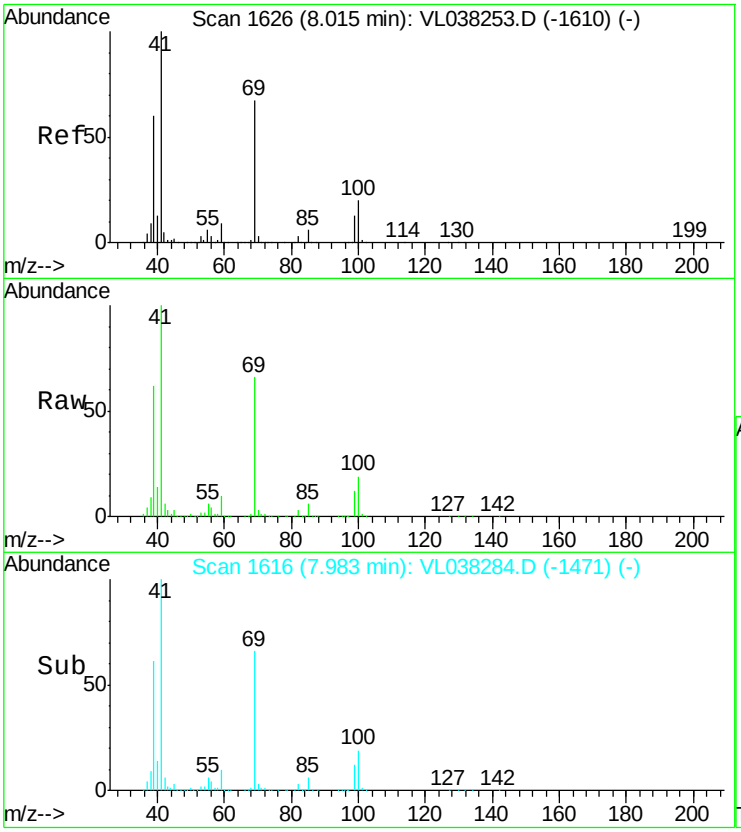


#42
Bromodichloromethane
Concen: 9.788 ppbv
RT: 7.76 min Scan# 1547
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 83 Resp: 1559917

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3
127	7.6	6.2	9.4



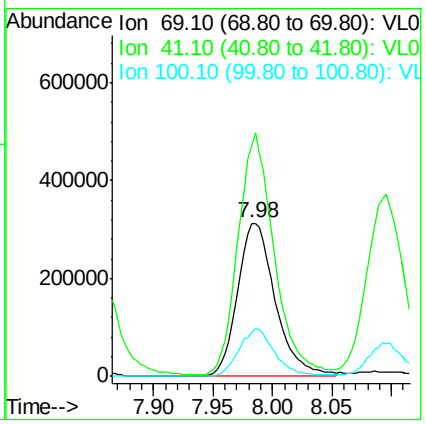


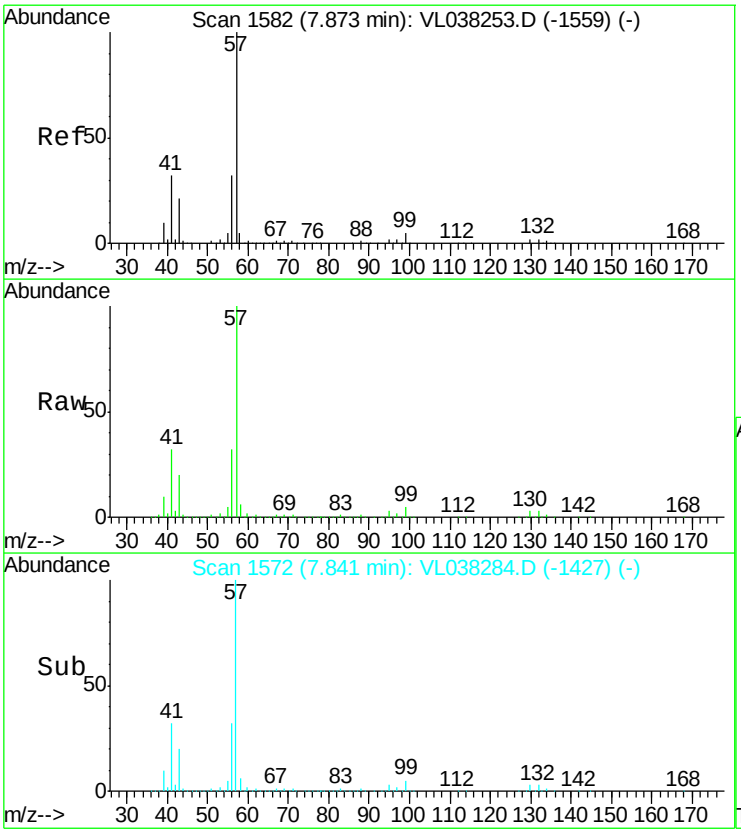
#43
Methyl Methacrylate
Concen: 10.374 ppbv
RT: 7.98
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 688156

Ion	Ratio	Lower	Upper
69	100		
41	152.8	120.9	181.3
100	29.7	23.4	35.0

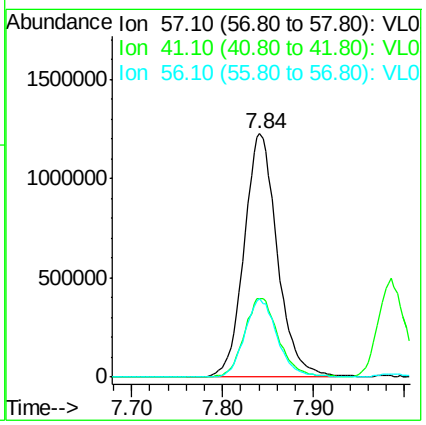


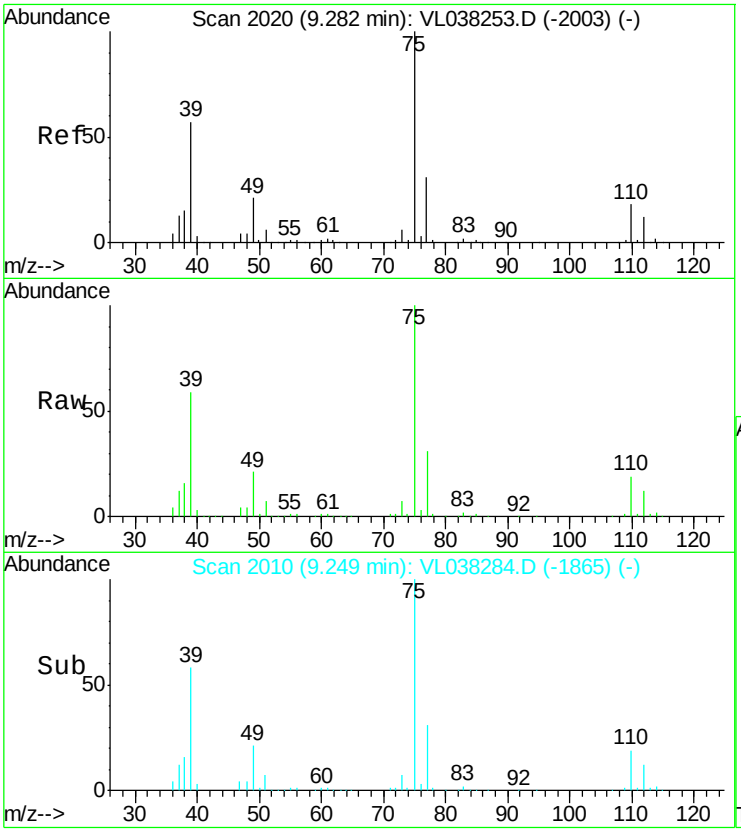


#44
2,2,4-Trimethylpentane
Concen: 9.409 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 57 Resp: 3109751

Ion	Ratio	Lower	Upper
57	100		
41	33.3	26.3	39.5
56	31.4	25.2	37.8



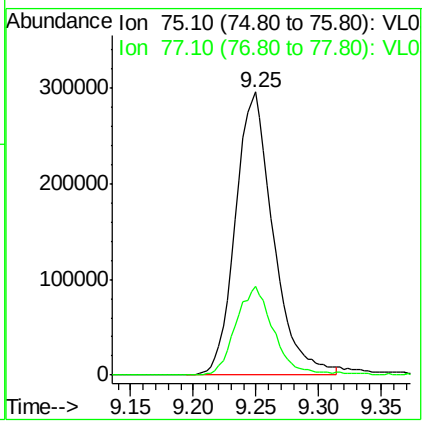


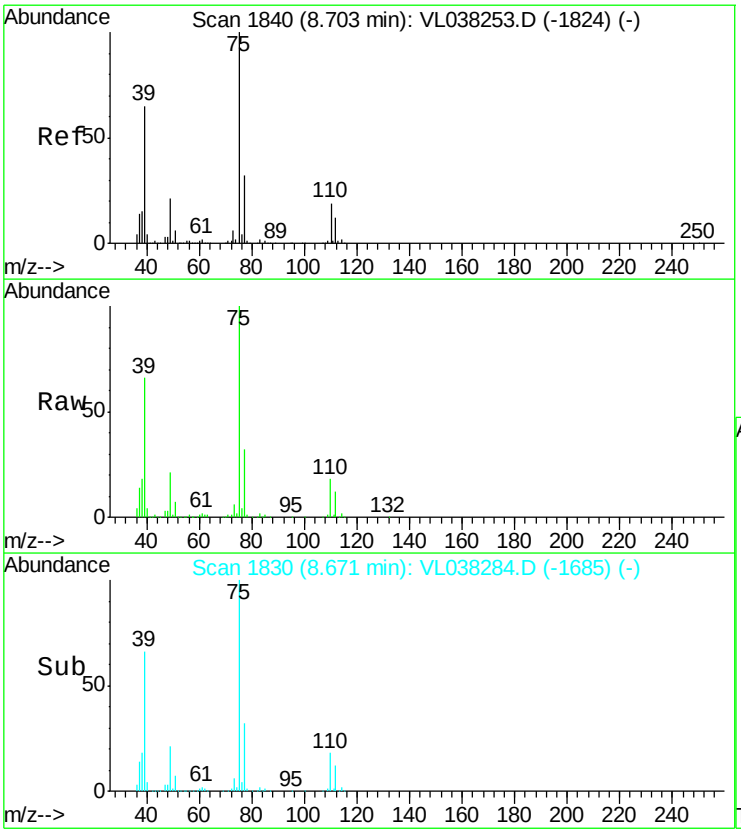
#45
t-1,3-Dichloropropene
Concen: 11.455 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 617359

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3

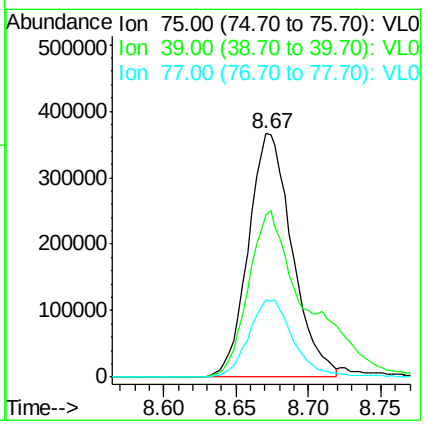


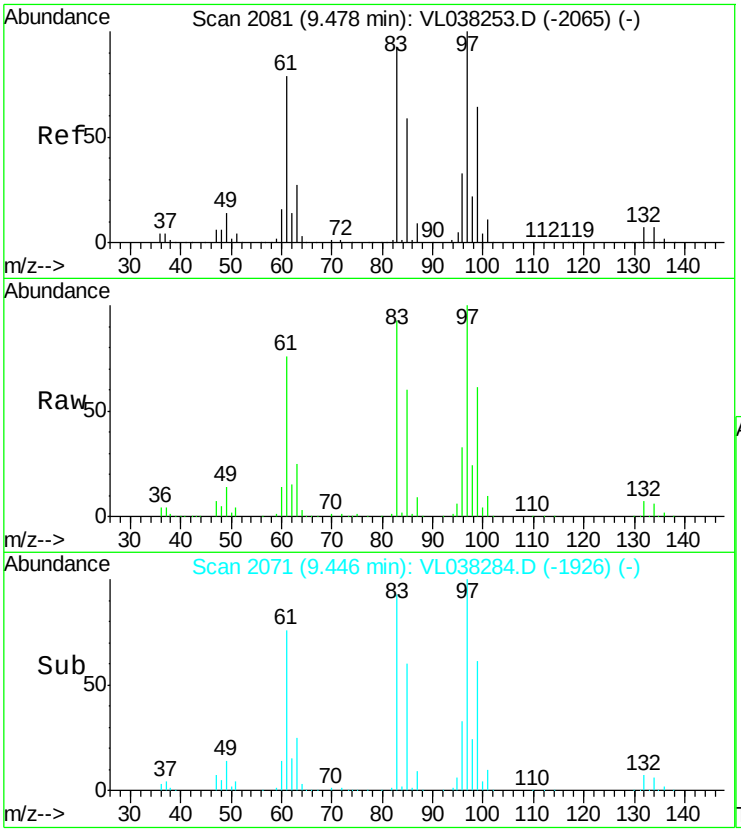


#46
cis-1,3-Dichloropropene
Concen: 10.697 ppbv
RT: 8.67 min Scan# 1830
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 75 Resp: 769239

Ion	Ratio	Lower	Upper
75	100		
39	66.2	52.3	78.5
77	31.7	25.4	38.0



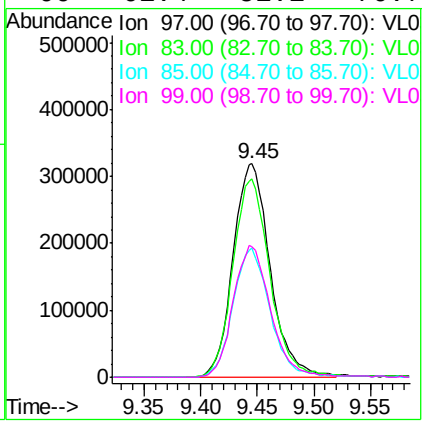


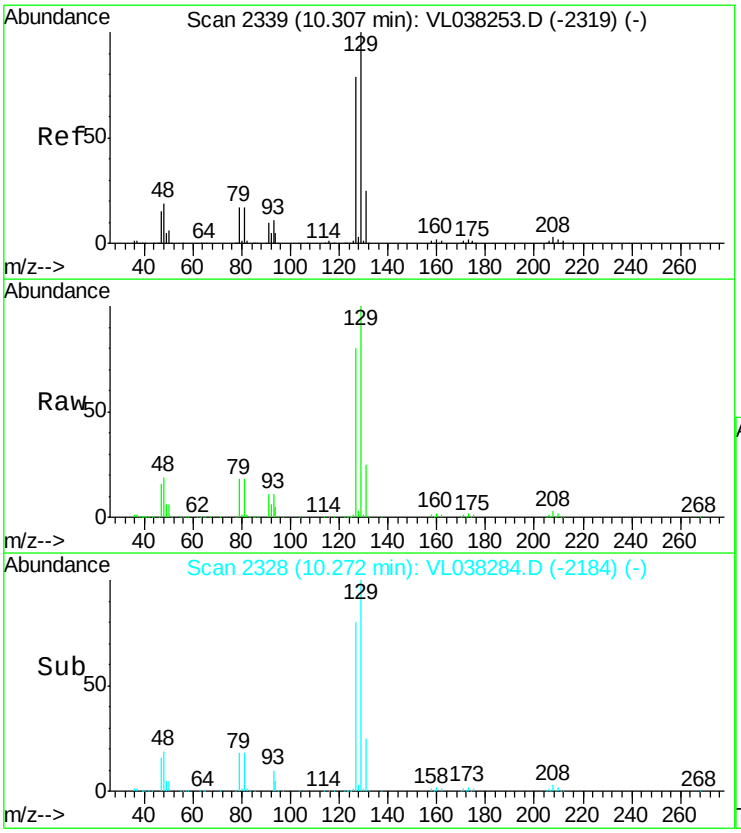
#47
1,1,2-Trichloroethane
Concen: 9.767 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 729678

Ion	Ratio	Lower	Upper
97	100		
83	92.8	74.3	111.5
85	60.4	47.5	71.3
99	61.4	51.1	76.7

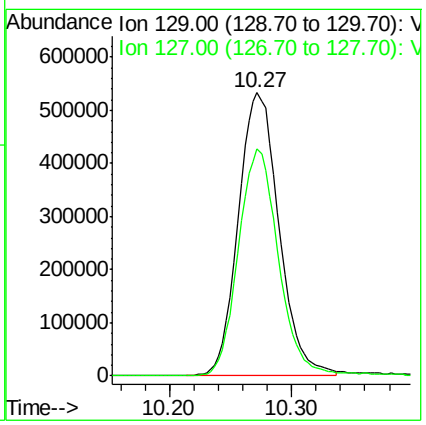


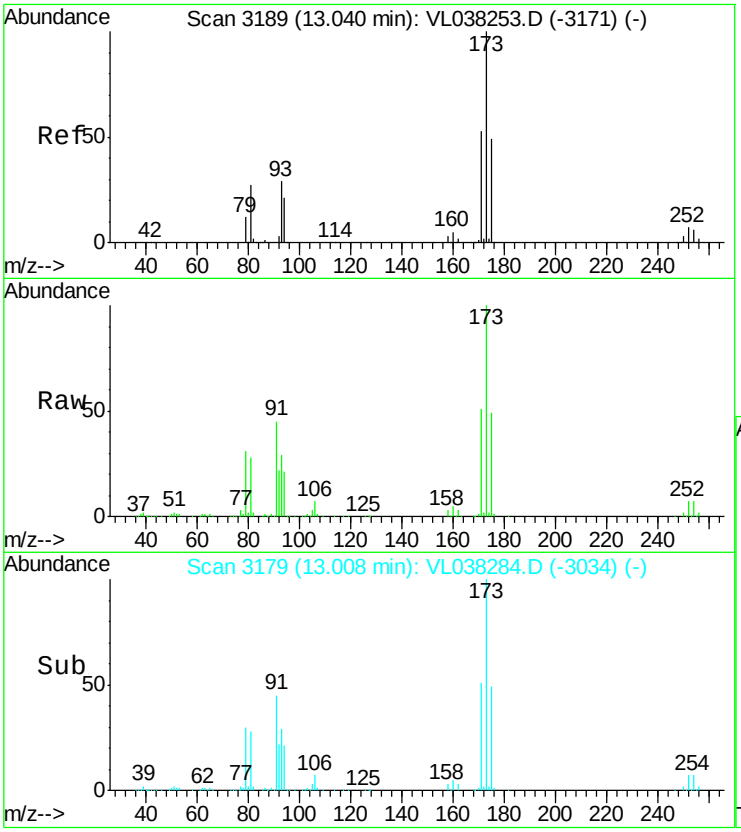


#48
Dibromochloromethane
Concen: 9.763 ppbv
RT: 10.27 min Scan# 2328
Delta R.T. -0.04 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:129 Resp: 1227941

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.1	117.3



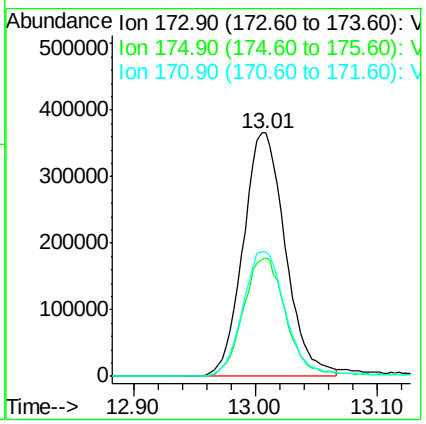


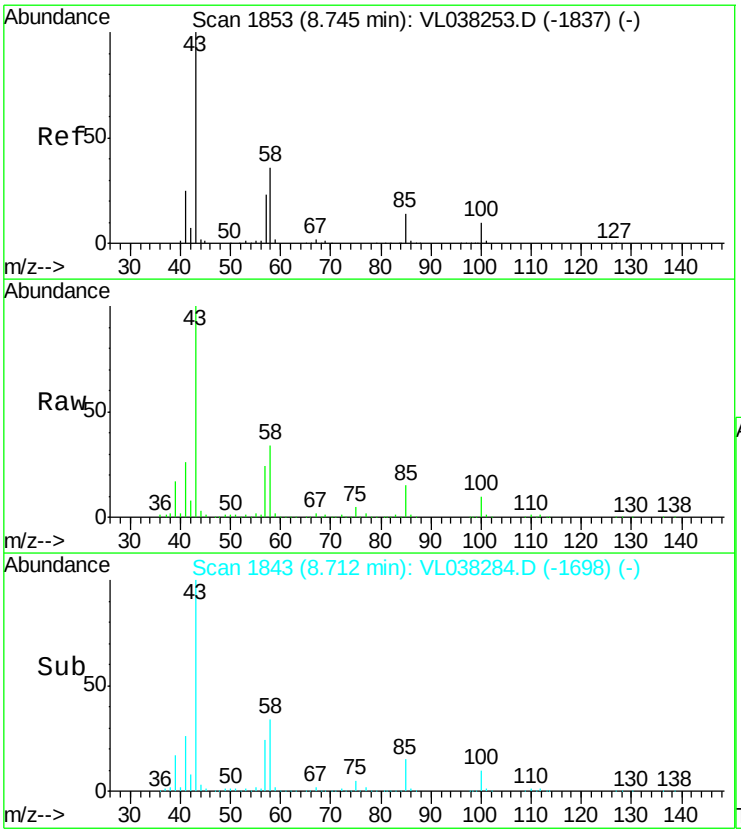
#49
Bromoform
Concen: 9.633 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 873493

Ion	Ratio	Lower	Upper
173	100		
175	51.0	39.7	59.5
171	53.7	42.1	63.1

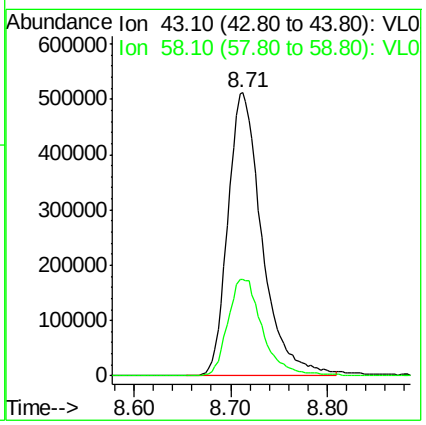


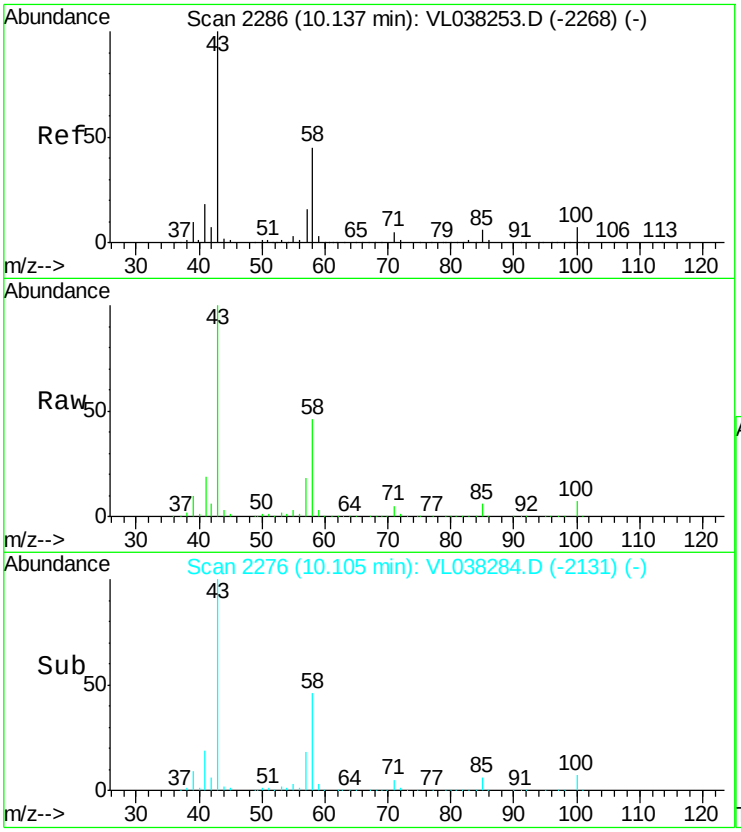


#50
4-Methyl-2-Pentanone
Concen: 10.140 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 43 Resp: 1254143

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.2	42.4



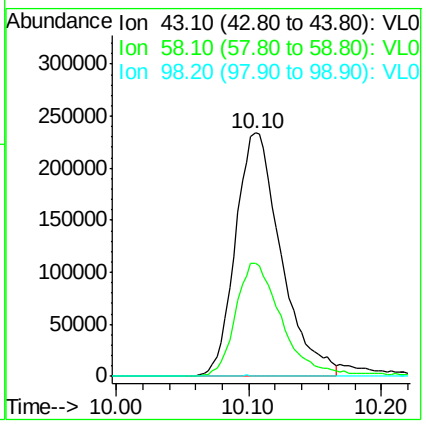


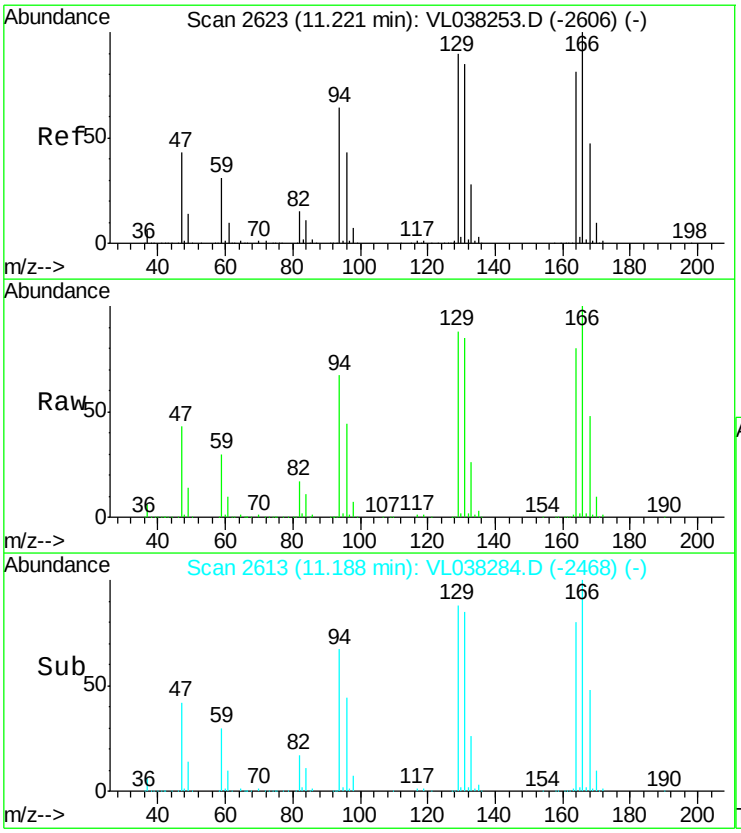
#51
2-Hexanone
Concen: 10.242 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 557945

Ion	Ratio	Lower	Upper
43	100		
58	48.4	37.0	55.4
98	0.5	0.2	0.2#

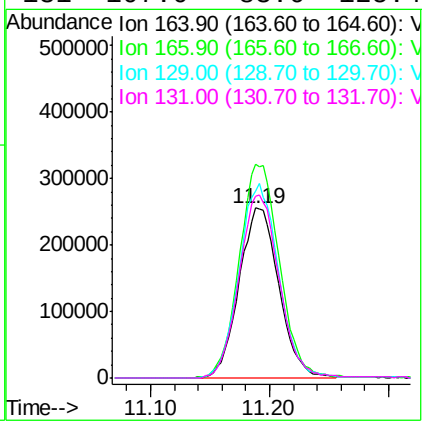


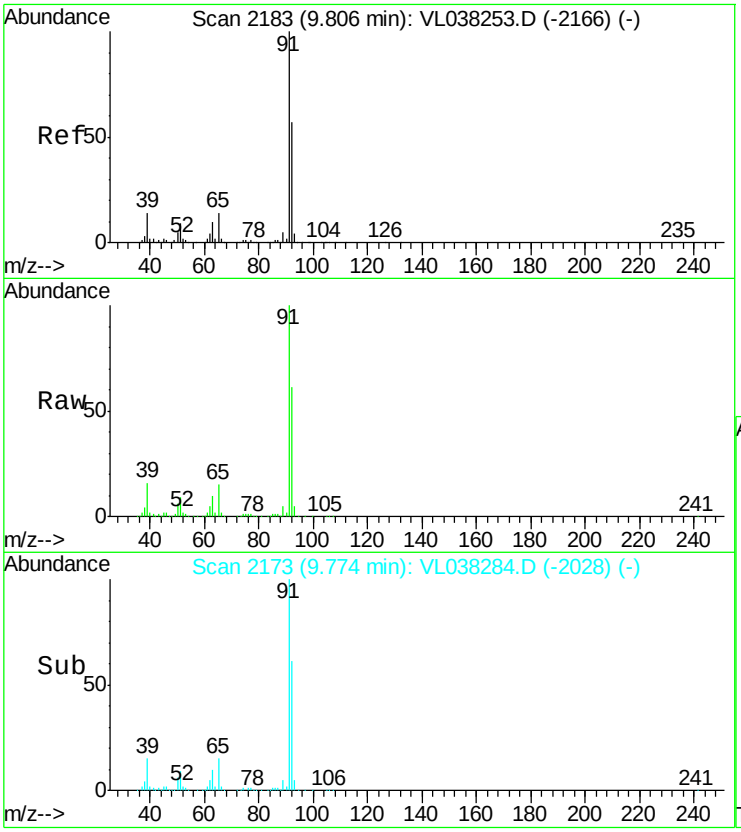


#52
Tetrachloroethene
Concen: 9.168 ppbv
RT: 11.19 min Scan# 2613
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:164 Resp: 592541

Ion	Ratio	Lower	Upper
164	100		
166	125.7	98.8	148.2
129	110.2	89.2	133.8
131	107.0	83.6	125.4



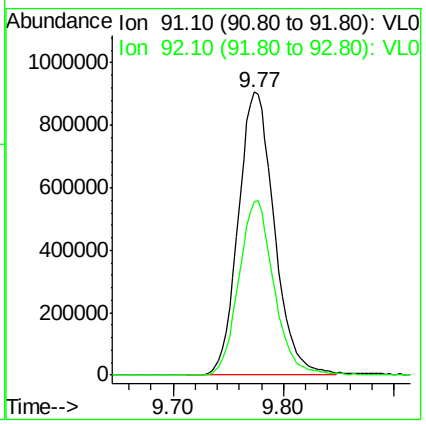


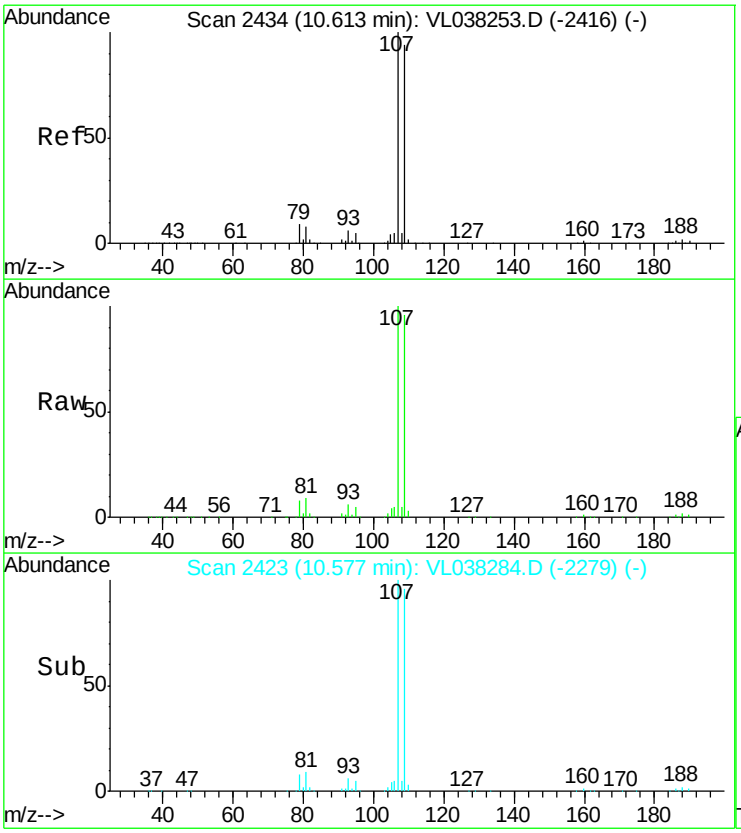
#53
Toluene
Concen: 9.873 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2049394

Ion	Ratio	Lower	Upper
91	100		
92	60.2	47.4	71.0

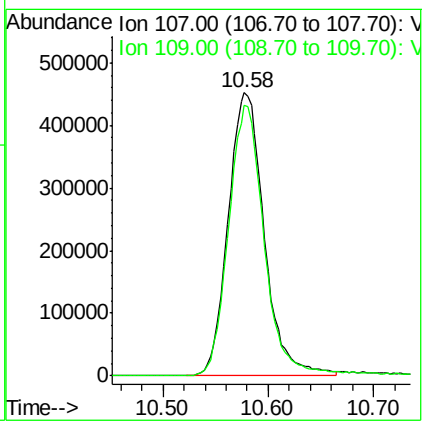


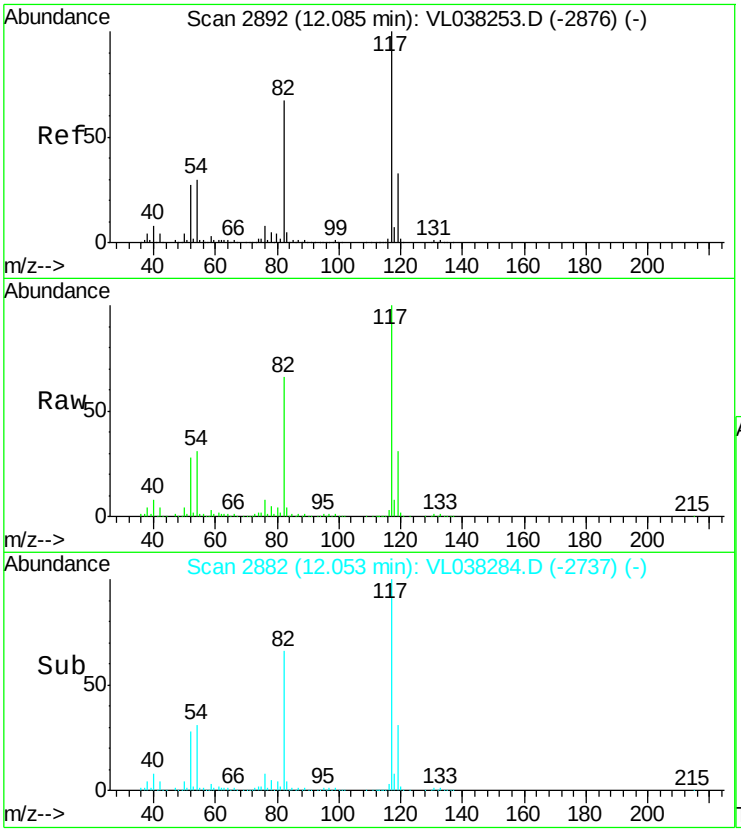


#54
1,2-Dibromoethane
Concen: 10.080 ppbv
RT: 10.58 min Scan# 2423
Delta R.T. -0.04 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:107 Resp: 1070667

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.4	113.0



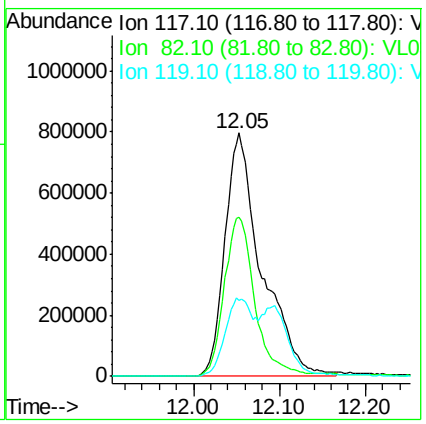


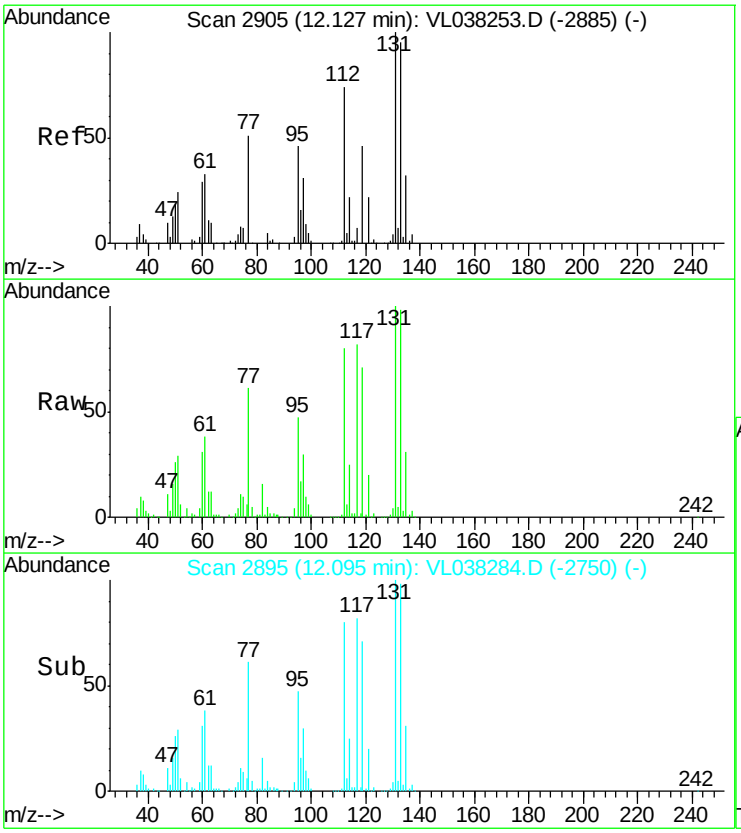
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2356822

Ion	Ratio	Lower	Upper
117	100		
82	55.5	54.4	81.6
119	24.0	45.9	68.9#

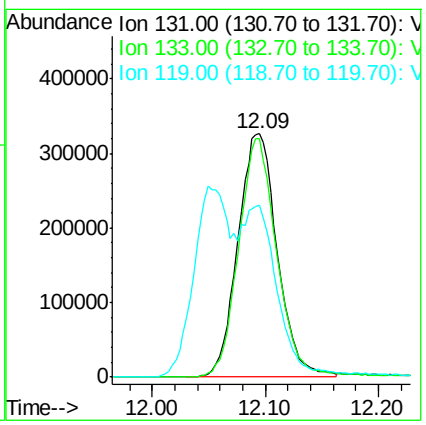


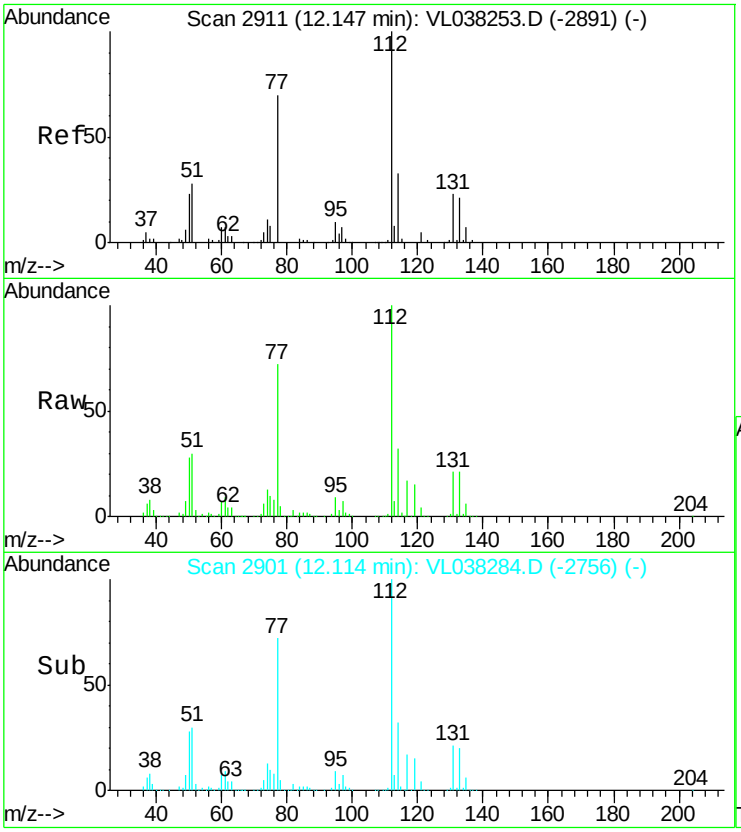


#56
1,1,1,2-Tetrachloroethane
Concen: 7.633 ppbv
RT: 12.09 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:131 Resp: 787348

Ion	Ratio	Lower	Upper
131	100		
133	96.0	76.0	114.0
119	74.5	53.0	79.4



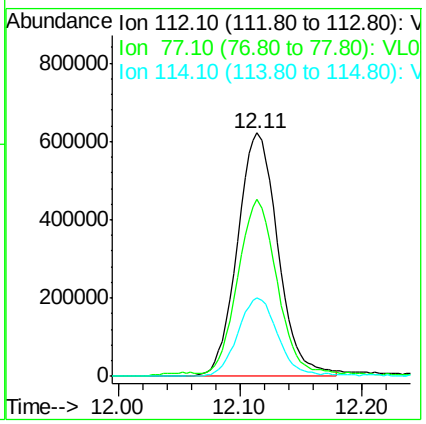


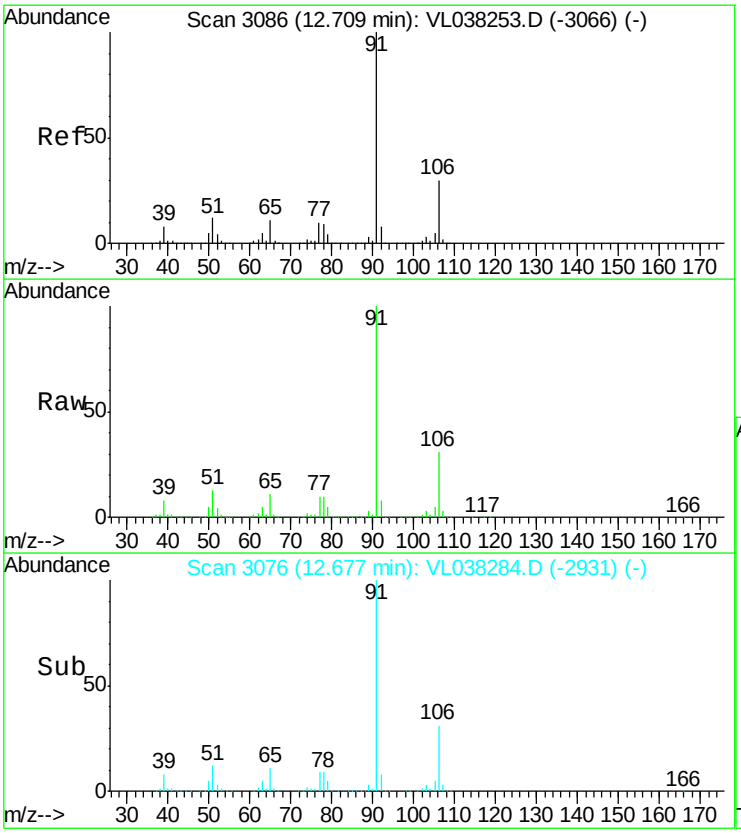
#57
Chlorobenzene
Concen: 7.565 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1426812

Ion	Ratio	Lower	Upper
112	100		
77	71.1	55.9	83.9
114	32.3	29.3	35.9

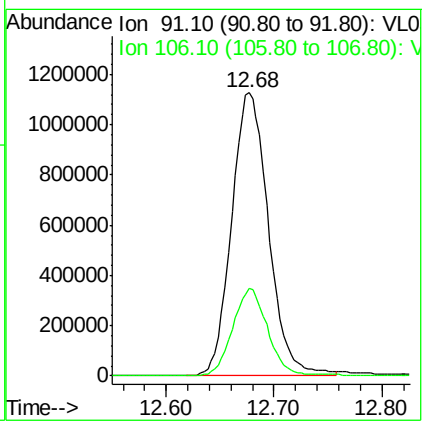


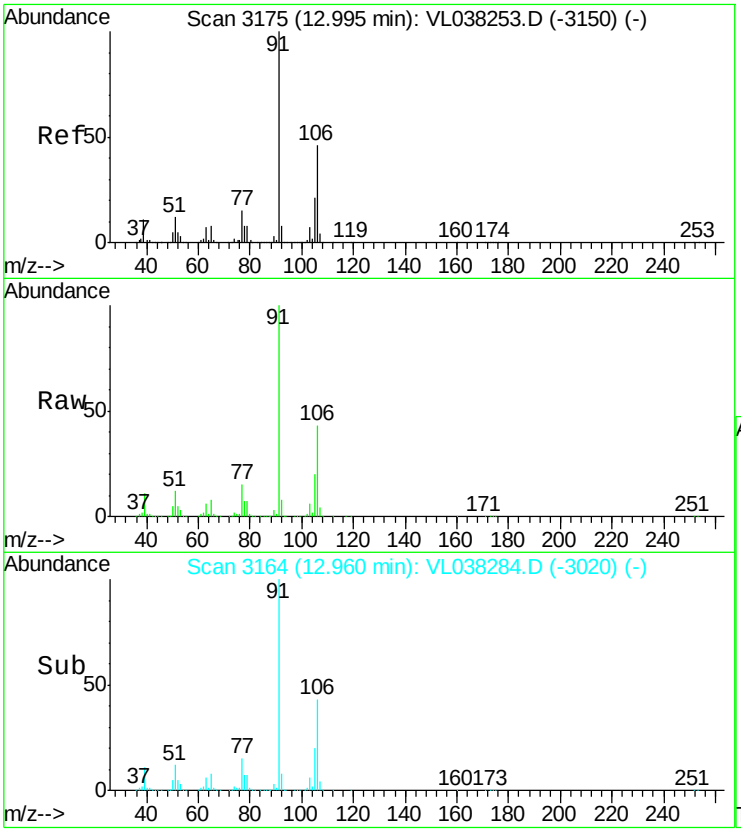


#58
Ethyl Benzene
Concen: 7.767 ppbv
RT: 12.68 min Scan# 3076
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 2690405

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.1	36.1



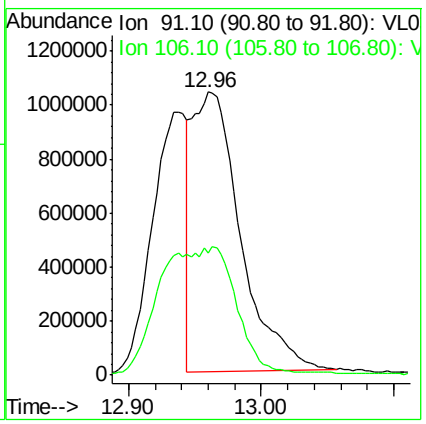


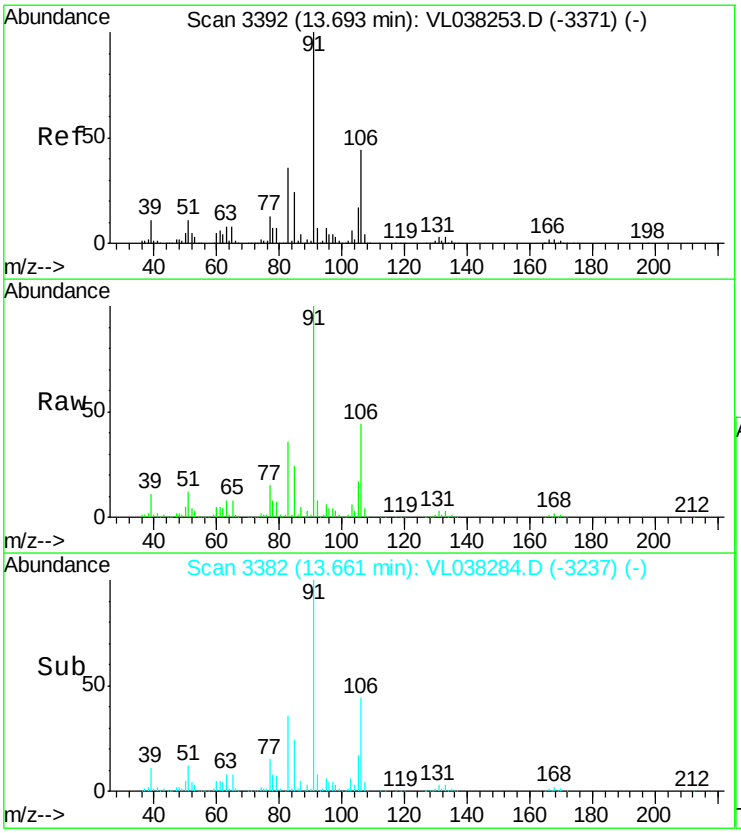
#59
m/p-Xylene
Concen: 8.807 ppbv
RT: 12.96
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2602632

Ion	Ratio	Lower	Upper
91	100		
106	75.2	34.8	52.2#

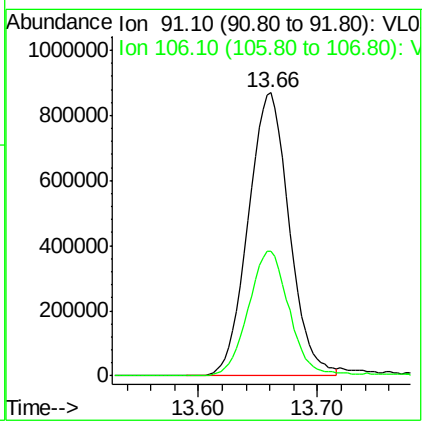


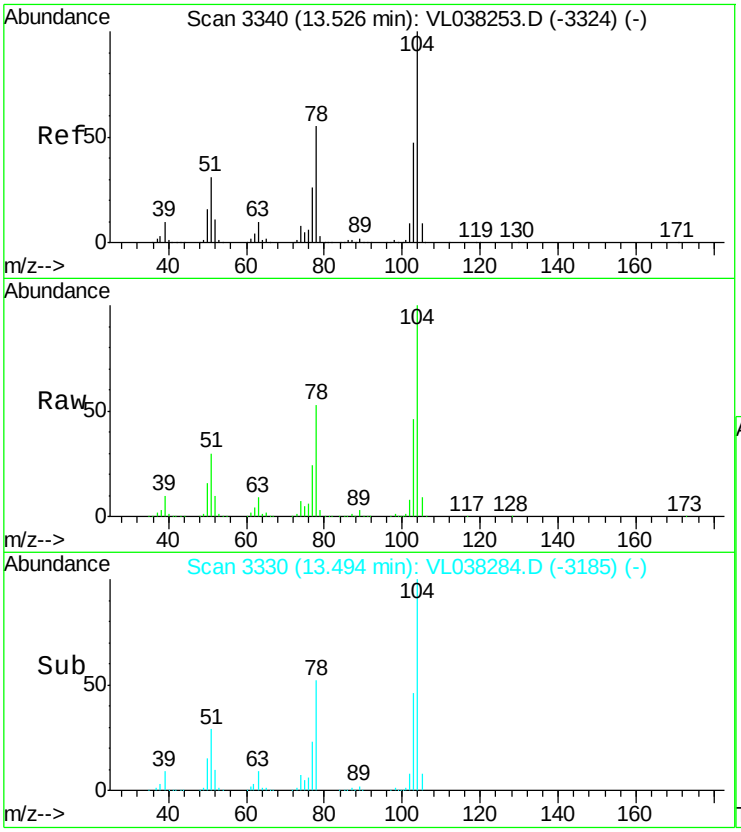


#60
o-Xylene
Concen: 7.553 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 2075809

Ion	Ratio	Lower	Upper
91	100		
106	45.0	22.2	66.6



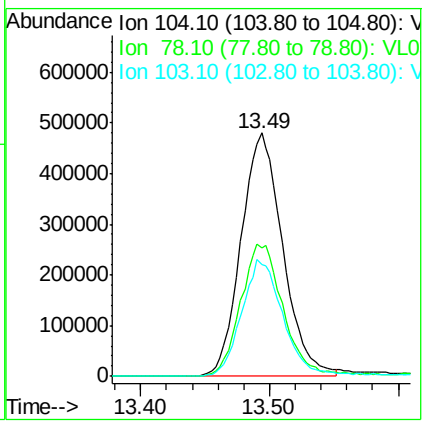


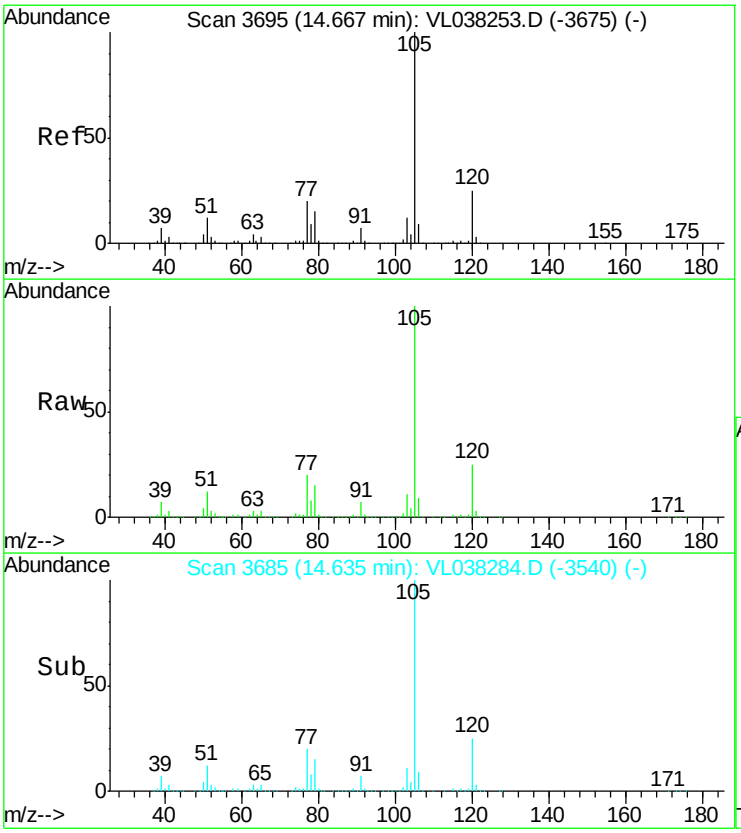
#61
Styrene
Concen: 8.425 ppbv
RT: 13.49
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1080666

Ion	Ratio	Lower	Upper
104	100		
78	56.3	44.2	66.4
103	48.3	38.2	57.4

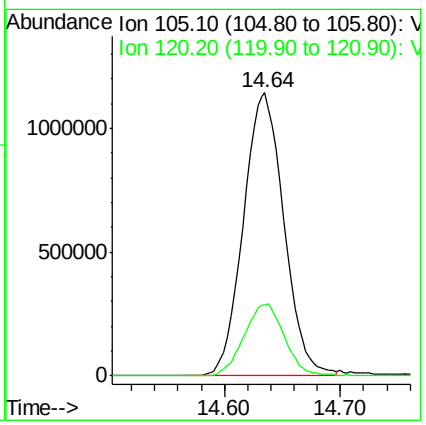


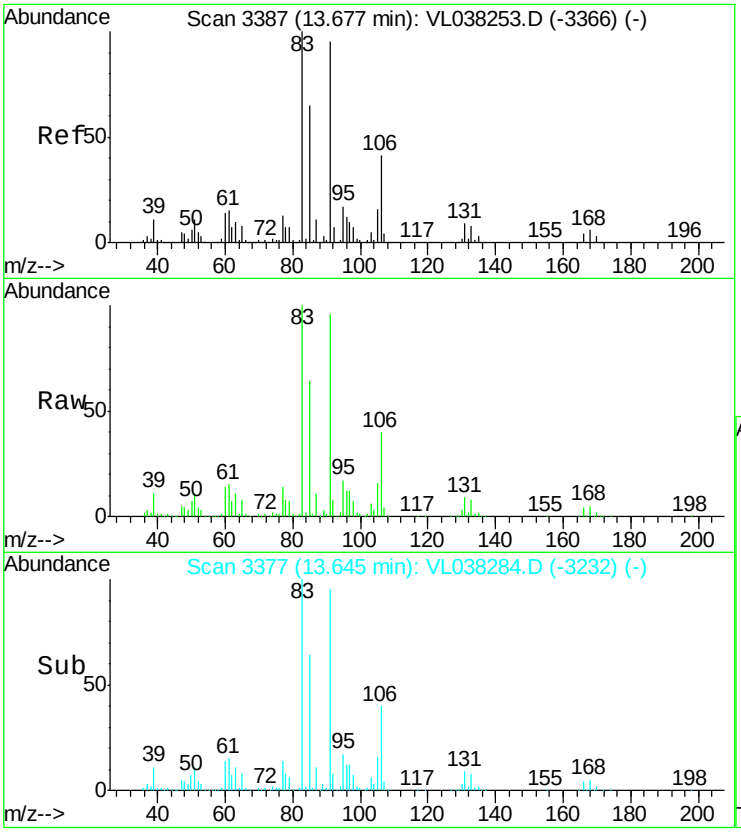


#62
Isopropylbenzene
Concen: 7.572 ppbv
RT: 14.64 min Scan# 3685
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:105 Resp: 2774398

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7



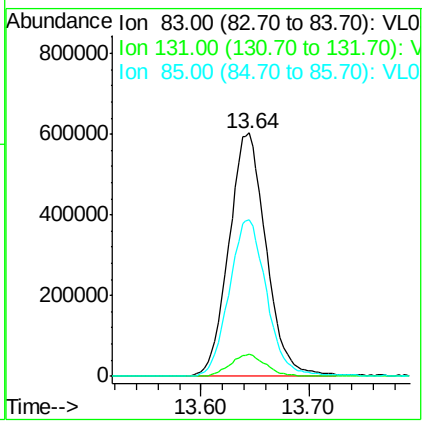


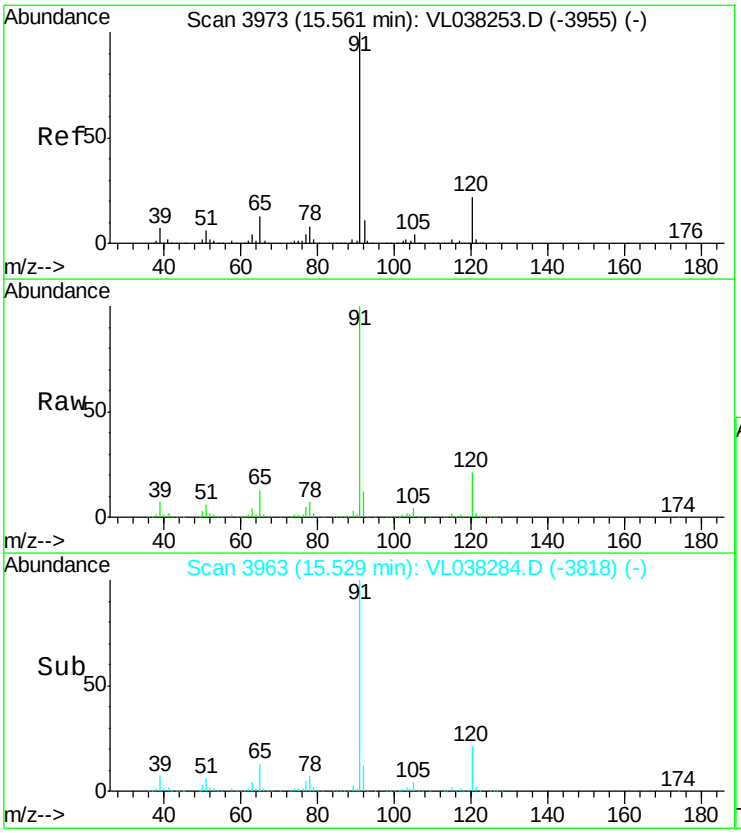
#63
1,1,2,2-Tetrachloroethane
Concen: 7.057 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1435220

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.5
85	66.1	32.8	98.4

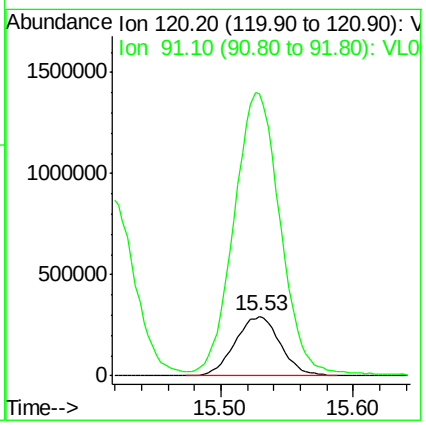


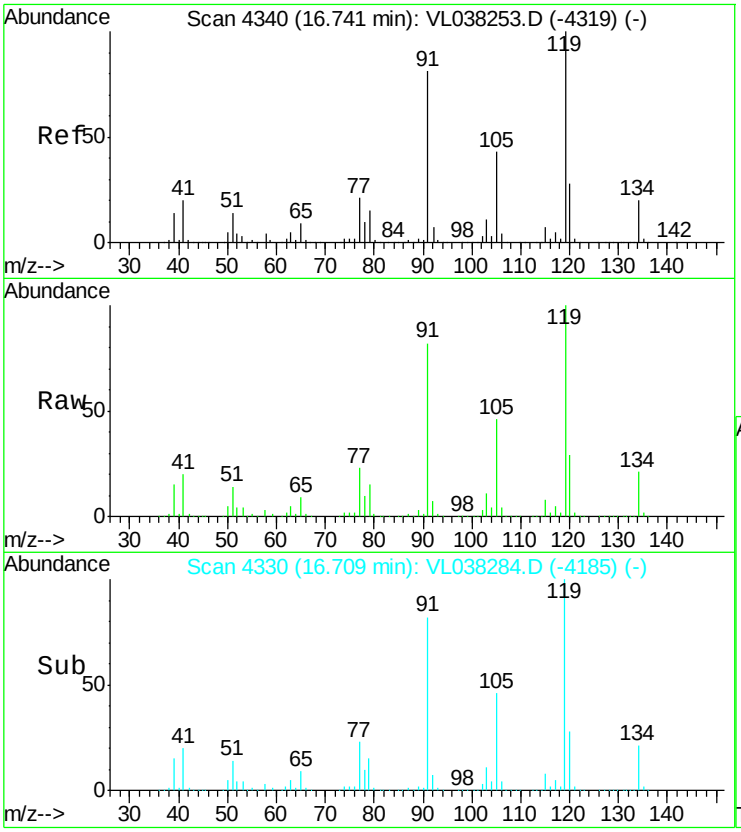


#64
n-propylbenzene
Concen: 7.901 ppbv
RT: 15.53 min Scan# 3963
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:120 Resp: 696408

Ion	Ratio	Lower	Upper
120	100		
91	490.6	390.8	586.2



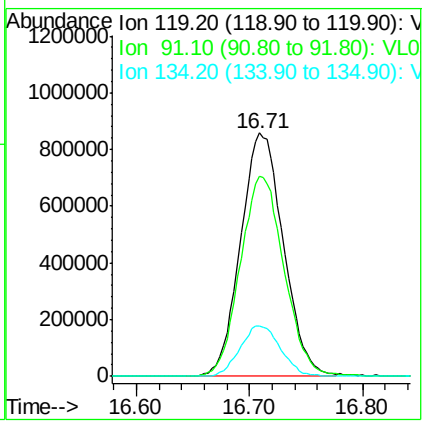


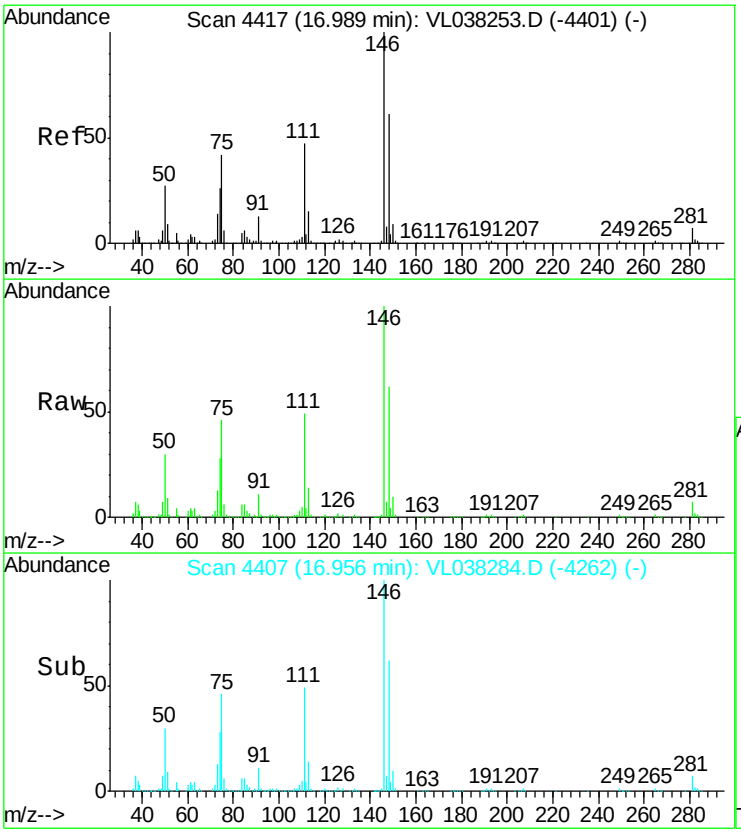
#65
tert-Butylbenzene
Concen: 7.473 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2255063

Ion	Ratio	Lower	Upper
119	100		
91	84.2	66.6	100.0
134	19.8	15.8	23.6

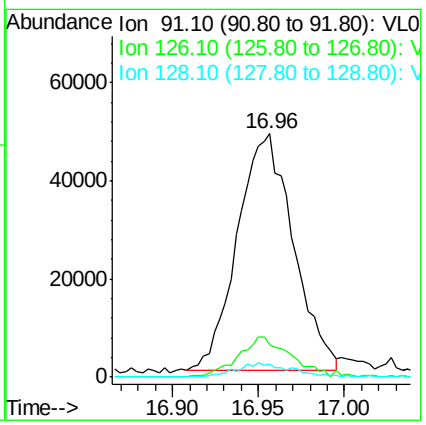


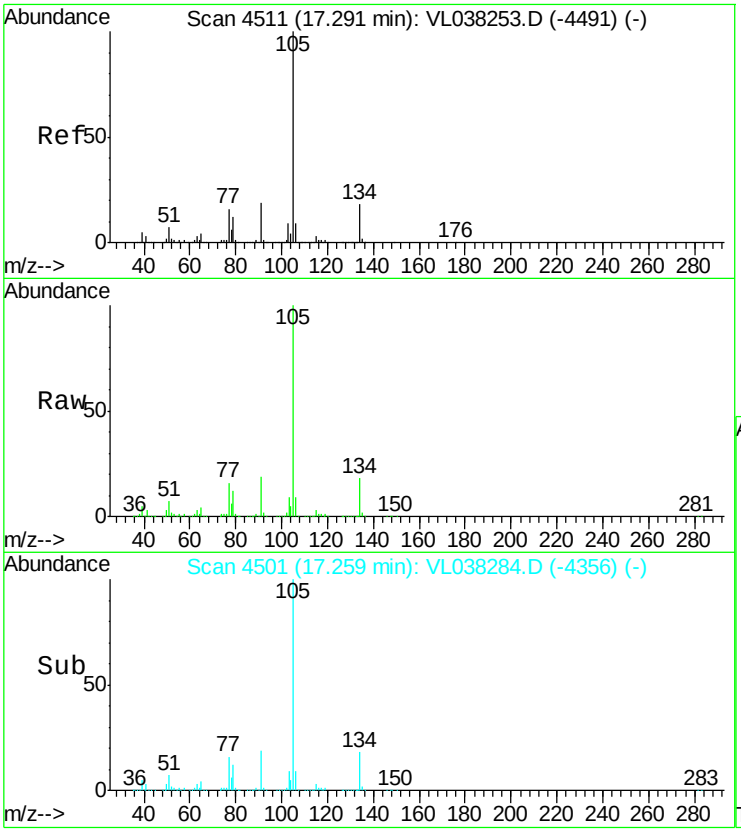


#66
Benzyl Chloride
Concen: 7.923 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 108611

Ion	Ratio	Lower	Upper
91	100		
126	16.5	12.6	18.8
128	5.8	4.3	6.5



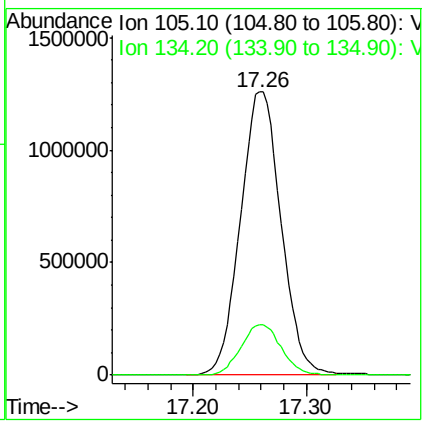


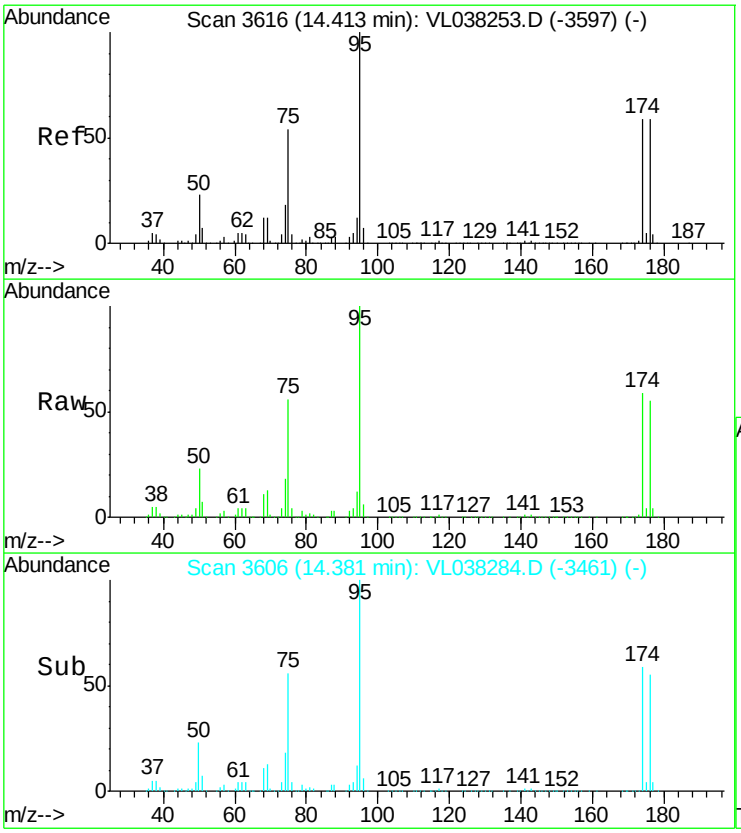
#67
sec-Butylbenzene
Concen: 7.466 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3134505

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.3	21.5

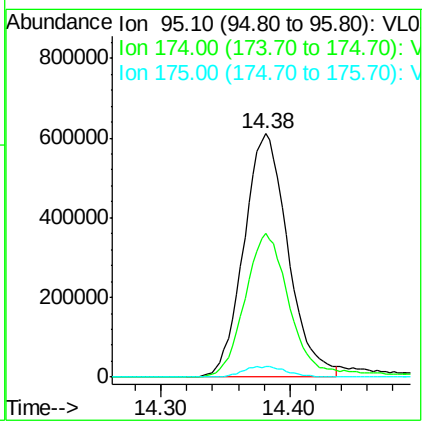


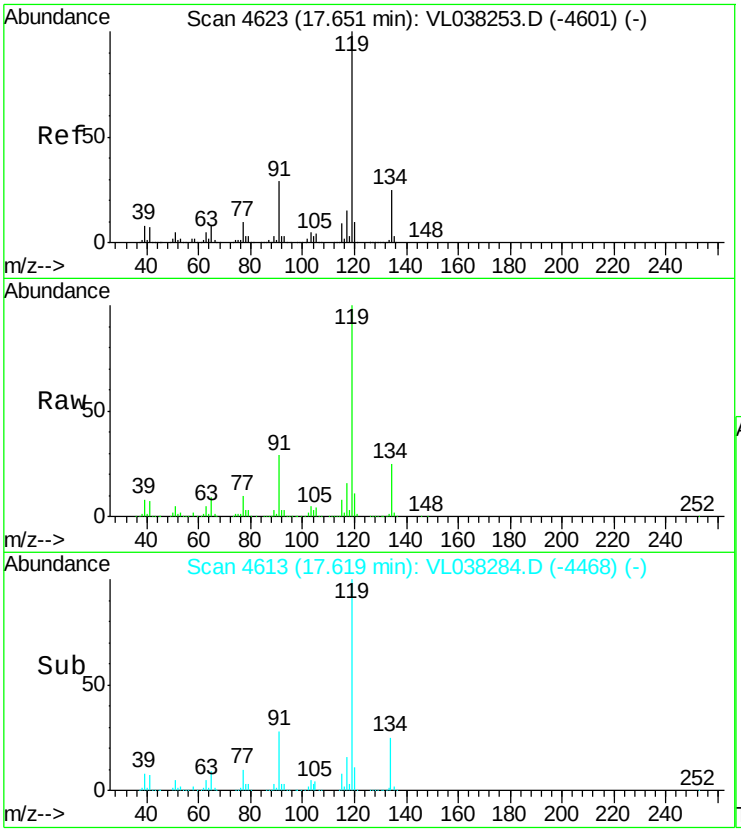


#68
1-Bromo-4-Fluorobenzene
Concen: 8.135 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 95 Resp: 1455266

Ion	Ratio	Lower	Upper
95	100		
174	61.7	48.3	72.5
175	4.7	3.5	5.3



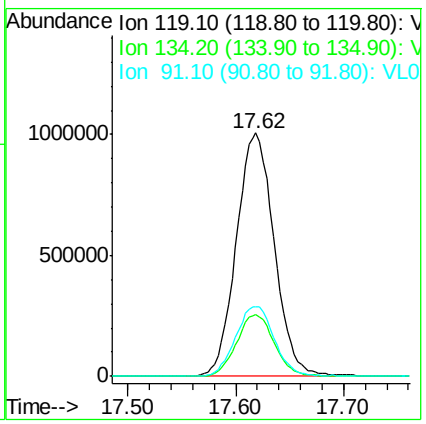


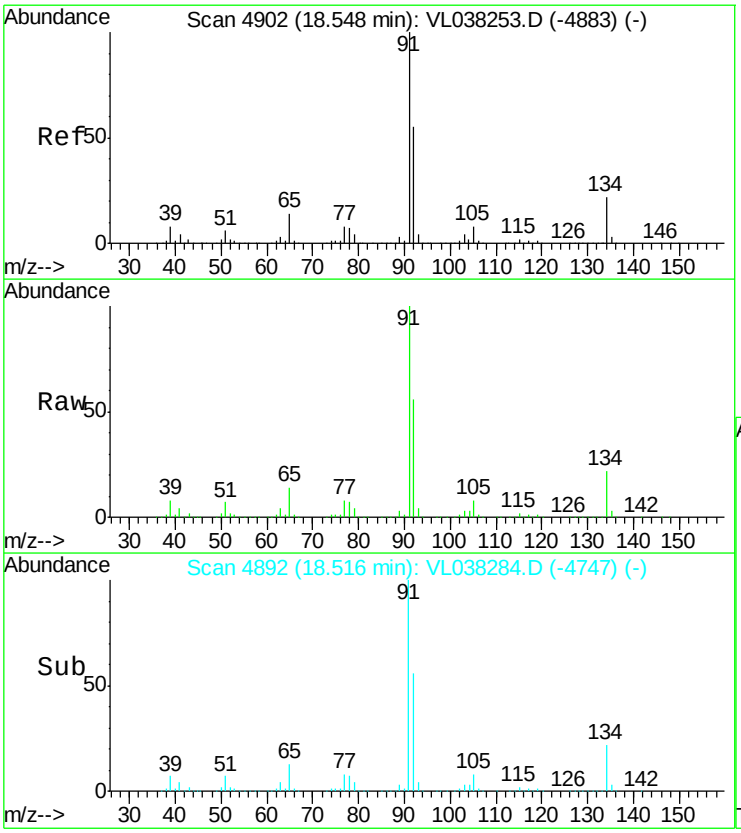
#69
p-Isopropyltoluene
Concen: 7.640 ppbv
RT: 17.62
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2454445

Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.2	30.2
91	29.5	23.2	34.8

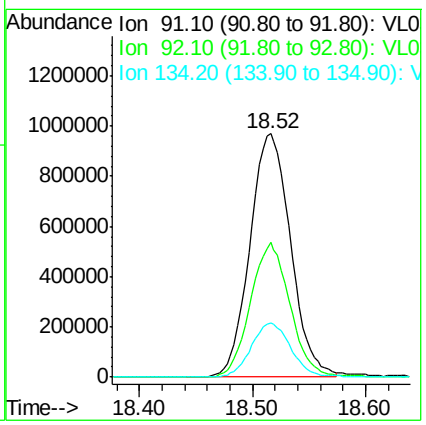


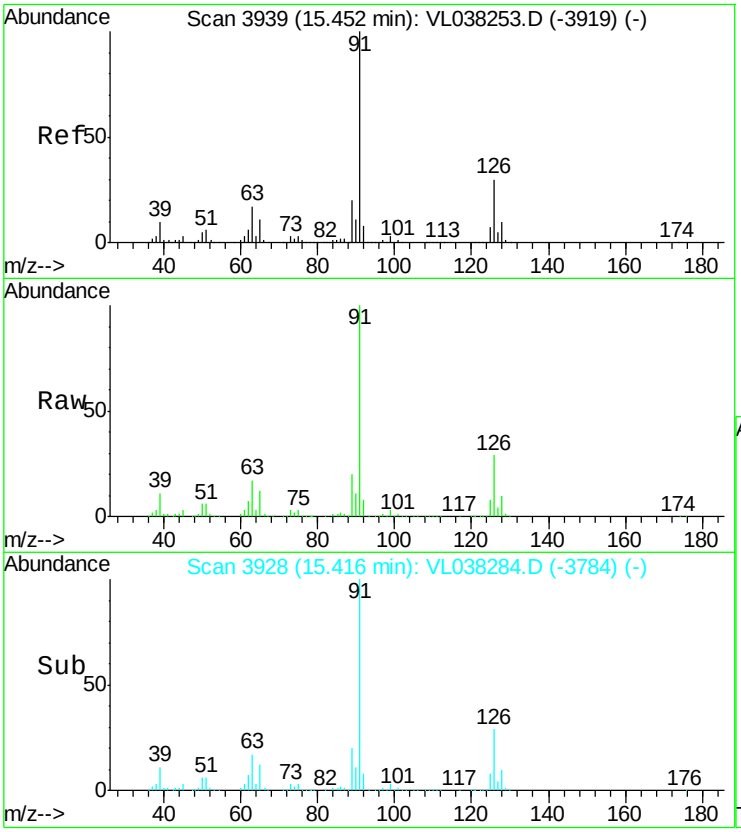


#70
n-Butylbenzene
Concen: 7.680 ppbv
RT: 18.52 min Scan# 4892
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 2416768

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.4	65.0
134	21.9	17.3	25.9



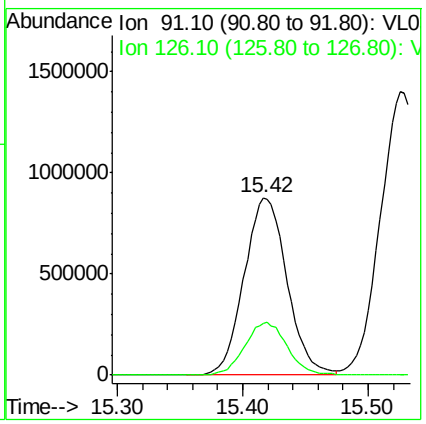


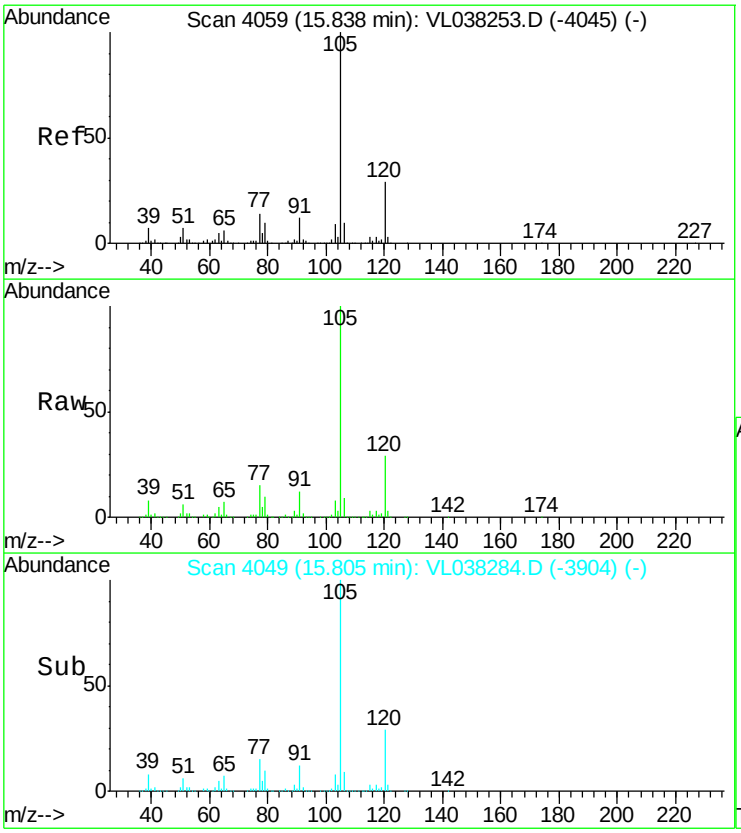
#71
2-Chlorotoluene
Concen: 7.684 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2085297

Ion	Ratio	Lower	Upper
91	100		
126	30.1	12.1	48.5

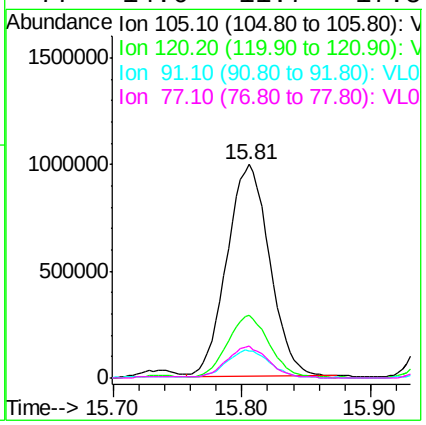


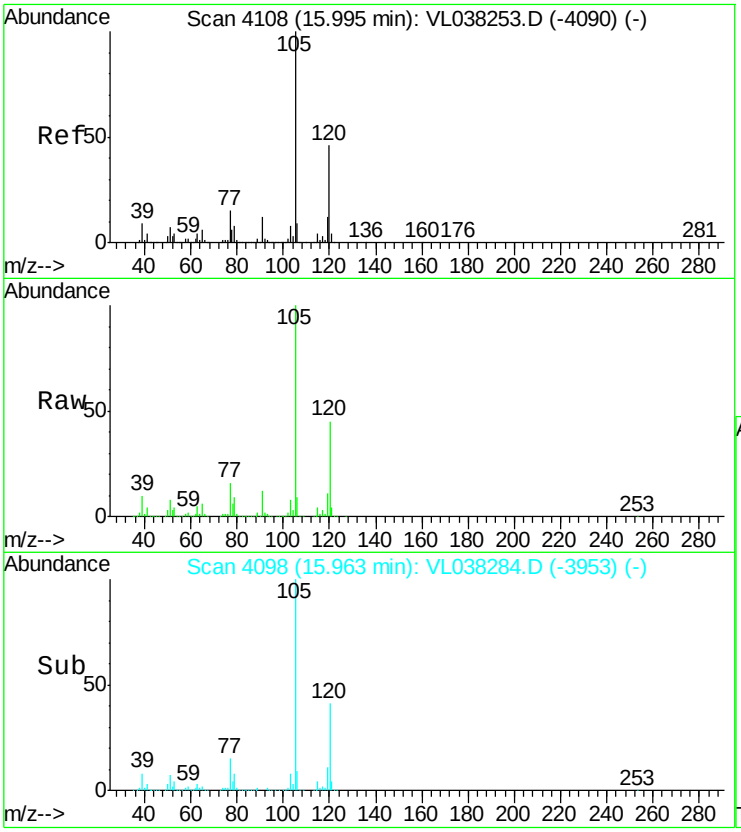


#72
4-Ethyltoluene
Concen: 8.002 ppbv
RT: 15.81 min Scan# 4049
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:105 Resp: 2299898

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.8	35.8
91	12.9	10.2	15.4
77	14.6	11.7	17.5



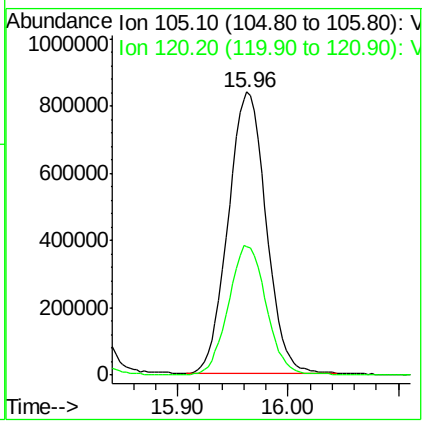


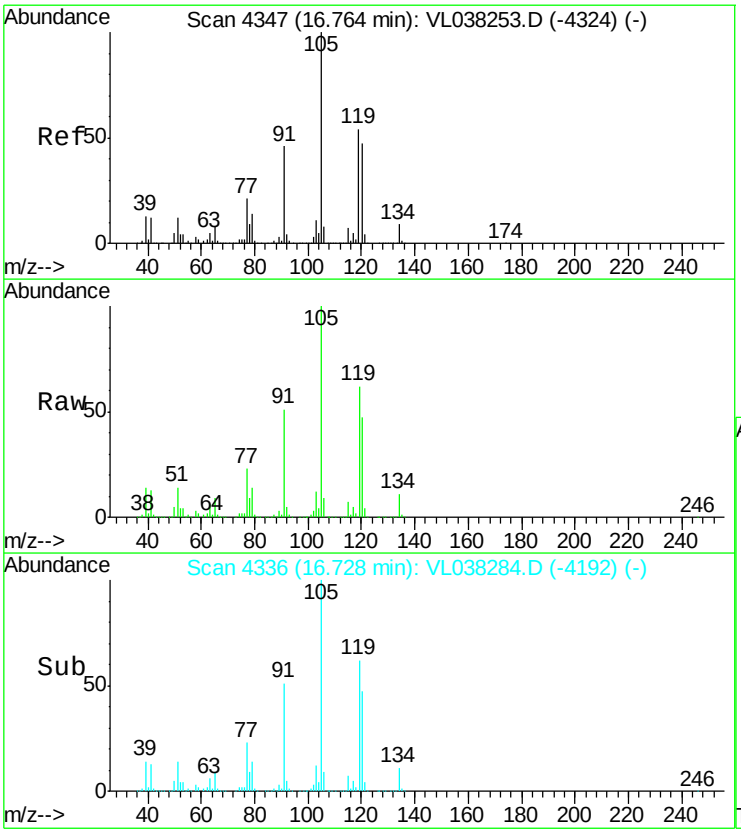
#73
1,3,5-Trimethylbenzene
Concen: 7.696 ppbv
RT: 15.96
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 1989325

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.6	55.0

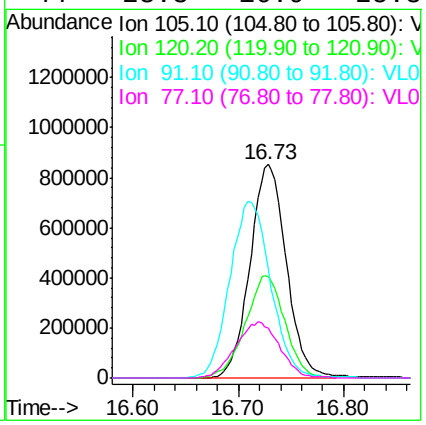


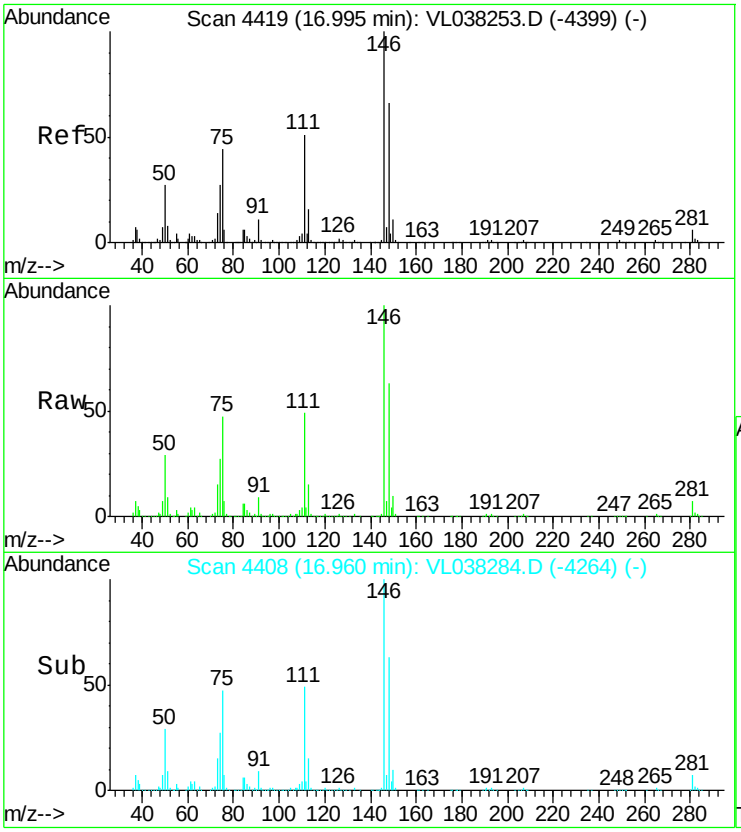


#74
1,2,4-Trimethylbenzene
Concen: 7.502 ppbv
RT: 16.73 min Scan# 4336
Delta R.T. -0.04 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:105 Resp: 2042754

Ion	Ratio	Lower	Upper
105	100		
120	47.1	37.2	55.8
91	50.8	36.6	55.0
77	23.3	16.9	25.3



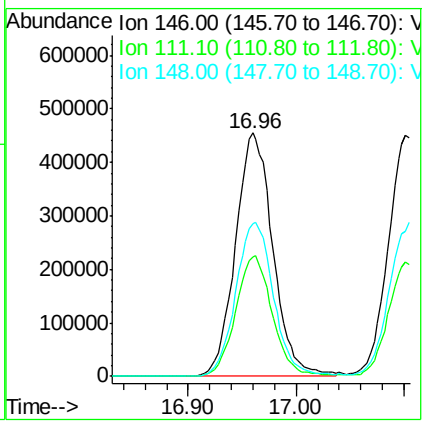


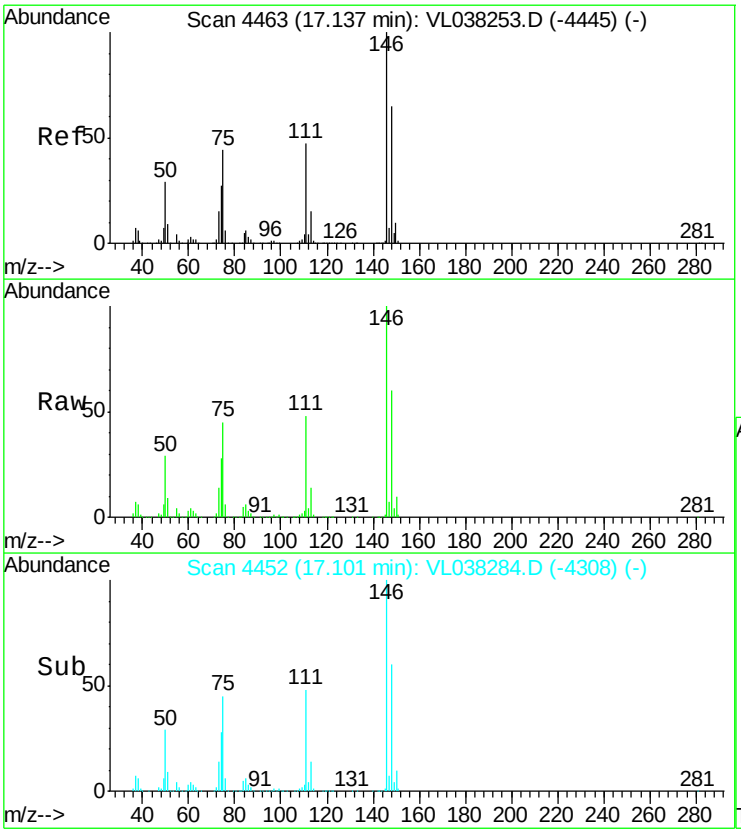
#75
1,3-Dichlorobenzene
Concen: 7.500 ppbv
RT: 16.96
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1096001

Ion	Ratio	Lower	Upper
146	100		
111	48.7	24.1	72.4
148	64.1	32.1	96.5

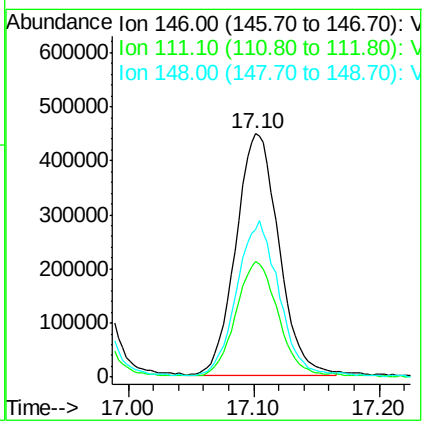


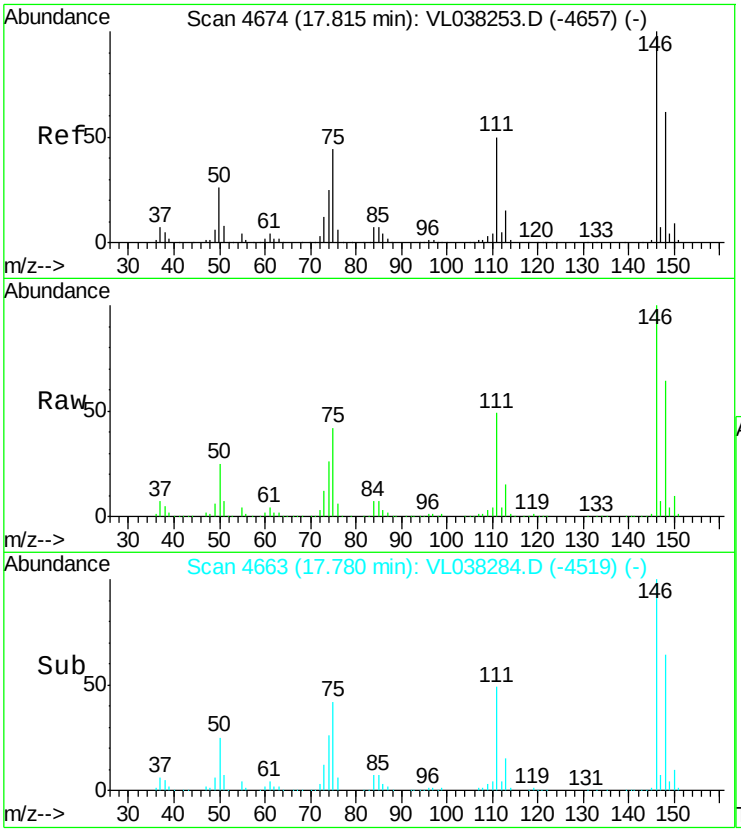


#76
1,4-Dichlorobenzene
Concen: 7.499 ppbv
RT: 17.10 min Scan# 4452
Delta R.T. -0.04 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:146 Resp: 1060938

Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.2	69.6
148	65.4	32.4	97.0



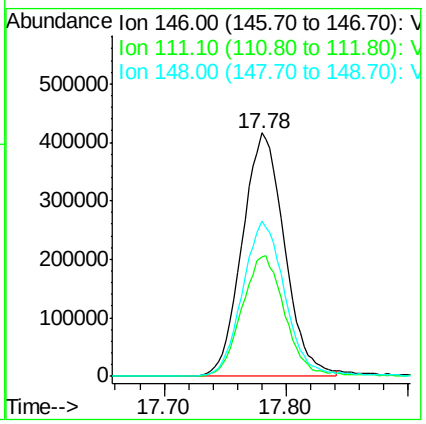


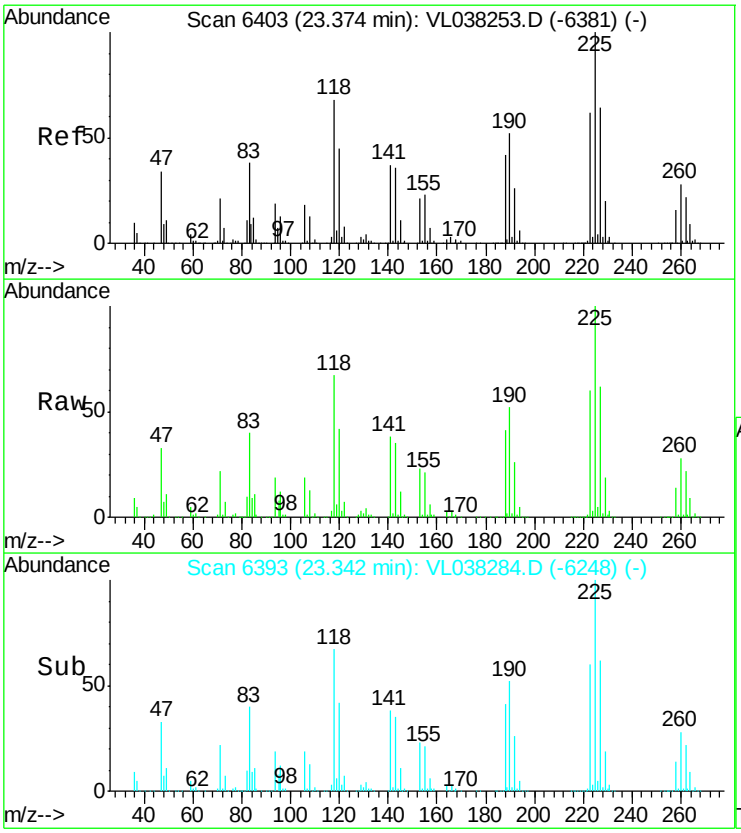
#77
1,2-Dichlorobenzene
Concen: 7.309 ppbv
RT: 17.78
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 992030

Ion	Ratio	Lower	Upper
146	100		
111	50.6	25.2	75.6
148	64.4	32.6	97.8

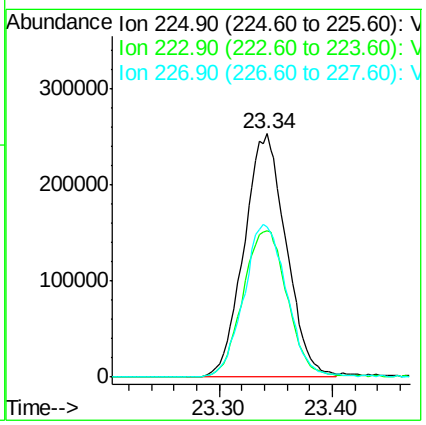


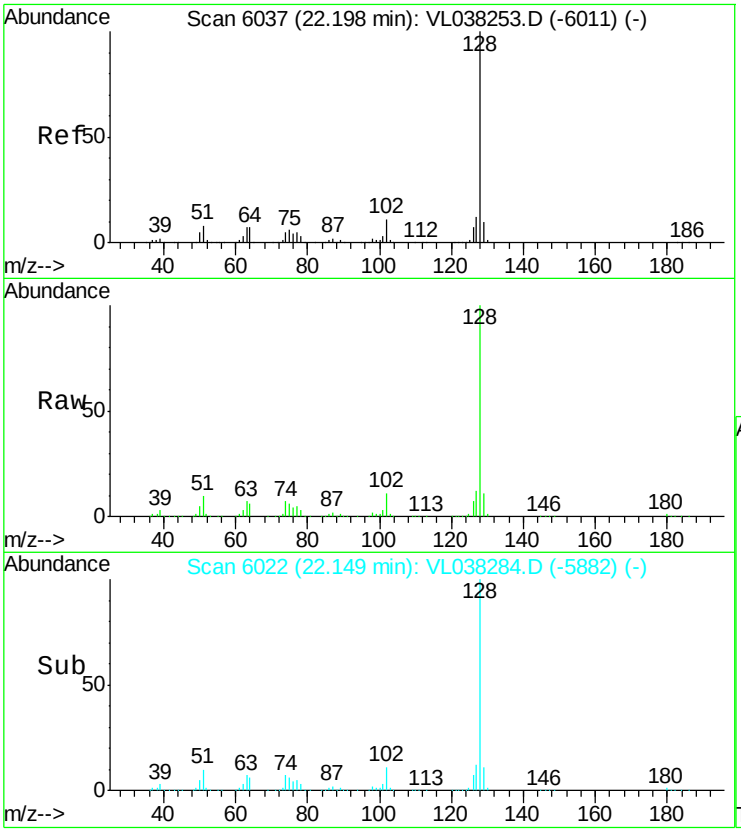


#78
Hexachloro-1,3-Butadiene
Concen: 6.950 ppbv
RT: 23.34 min Scan# 6393
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:225 Resp: 655871

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.7	77.5
227	64.7	51.4	77.0



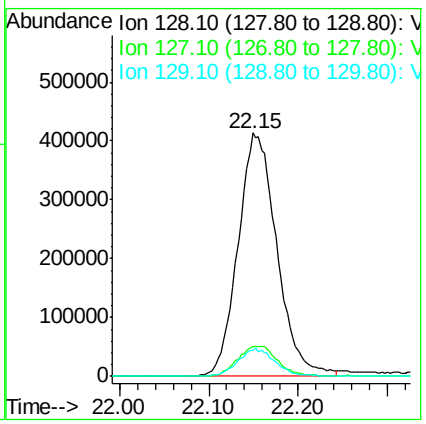


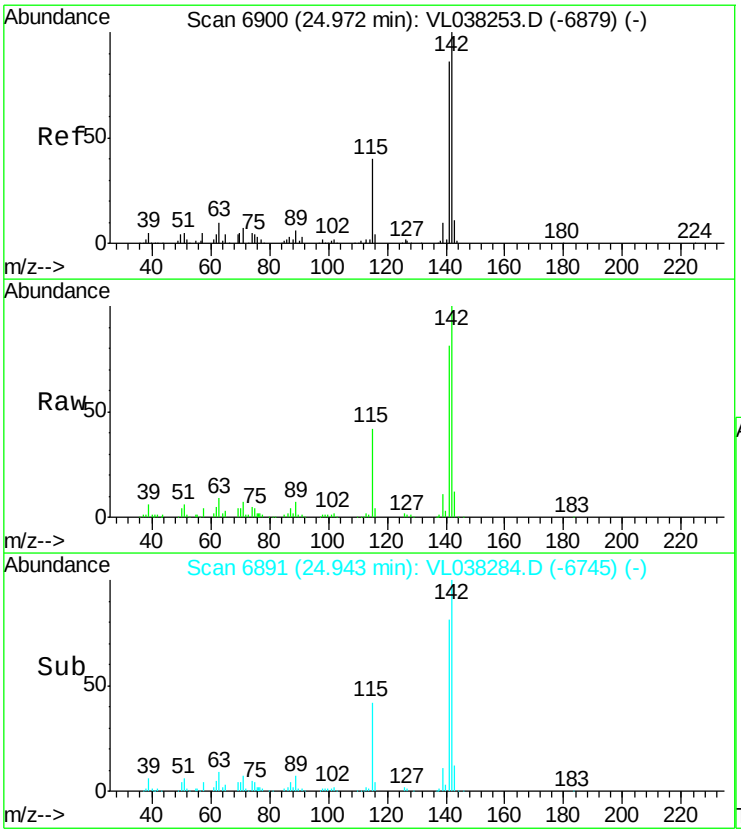
#79
Naphthalene
Concen: 9.836 ppbv
RT: 22.15
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 1252258

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.7	14.5
129	10.5	8.1	12.1

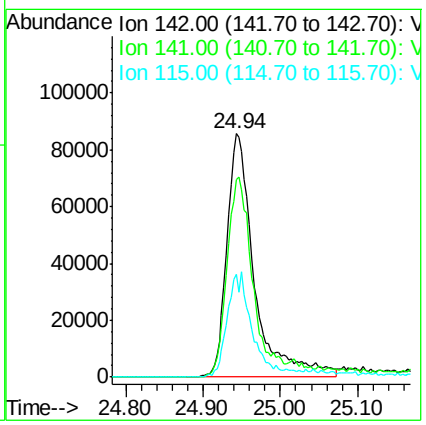


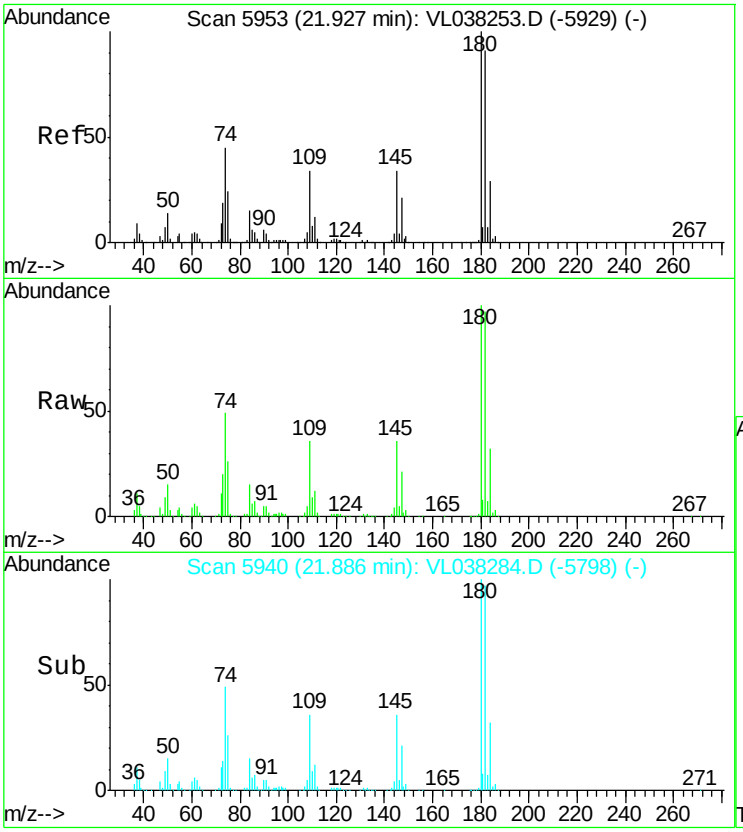


#80
Naphthalene,2-methyl-
Concen: 15.198 ppbv
RT: 24.94 min Scan# 6891
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:142 Resp: 210430

Ion	Ratio	Lower	Upper
142	100		
141	80.6	70.2	105.4
115	38.7	31.8	47.6





#81
1,2,4-Trichlorobenzene
Concen: 5.250 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 26 Jan 2022 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 393136

Ion	Ratio	Lower	Upper
180	100		
182	162.8	77.7	116.5#
184	52.4	24.4	36.6#