Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038329.D
Acq On : 3 Feb 2022 11:22
Operator : SY/AP
Sample : VL0203ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0203ABS01

Quant Time: Feb 04 08:39:37 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	5.65	49	880326	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	2492465	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.06	117	2812364	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1841484	8.63	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 86.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	1816581	9.694	ppbv		100
3) Chlorodifluoromethane	2.98	51	1536420	8.767	ppbv		99
4) Chloromethane	3.13	50	512956	8.508	ppbv		99
5) Vinyl Chloride	3.25	62	534740	8.886	ppbv		98
6) Bromomethane	3.47	94	305576	9.393	ppbv		96
7) Chloroethane	3.55	64	179094	8.811	ppbv		97
8) Dichlorotetrafluoroethane	3.18	85	1269999	8.758	ppbv		96
9) Propene	3.01	41	516773	9.058	ppbv		99
10) Heptane	8.10	43	1321771	9.005	ppbv		100
11) Trichlorofluoromethane	3.94	101	1282813	8.787	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	915886	8.299	ppbv		95
13) Ethanol	3.59	45	28559	4.663	ppbv	#	1
14) Bromoethene	3.73	108	403965	9.368	ppbv		99
15) Acetone	3.84	43	653720	8.424	ppbv		100
16) 1,3-Butadiene	3.32	39	495739	8.902	ppbv		99
17) tert-Butyl alcohol	4.28	59	759924	8.922	ppbv		99
18) 1,1-Dichloroethene	4.28	96	418003	8.710	ppbv		96
19) Isopropyl Alcohol	3.95	45	423750	8.729	ppbv	#	96
20) Methylene Chloride	4.33	84	332599	7.369	ppbv		98
21) Allyl Chloride	4.40	41	635533	9.256	ppbv		100
22) trans-1,2-Dichloroethene	4.87	96	442616	8.926	ppbv		99
23) Vinyl Acetate	5.06	43	1021040	9.049	ppbv		99
24) 1,1-Dichloroethane	5.00	63	869786	8.653	ppbv		100
25) Ethyl Acetate	5.66	43	2096343	9.648	ppbv		100
26) Hexane	5.67	57	954278	9.443	ppbv		99
27) Carbon Disulfide	4.54	76	1024513	8.665	ppbv		98
28) Methyl tert-Butyl Ether	5.02	73	943882	9.003	ppbv		99
29) Chloroform	5.74	83	1552785	9.413	ppbv		100
30) Cyclohexane	7.11	84	821965	9.341	ppbv		99
31) cis-1,2-Dichloroethene	5.53	61	980626	11.124	ppbv		99
32) 1,1,1-Trichloroethane	6.49	97	1541426	9.355	ppbv		99
34) 2-Butanone	5.23	43	713737	8.757	ppbv		99
35) Carbon Tetrachloride	7.00	117	1593892	9.110	ppbv		98
36) Benzene	6.87	78	2053107	9.313	ppbv		99
37) 1,2-Dichloroethane	6.29	62	1165243	9.227	ppbv		99
38) Trichloroethene	7.82	130	757092	9.219	ppbv		98
39) 1,2-Dichloropropane	7.60	63	810700	9.070	ppbv		98
40) 1,4-Dioxane	7.81	88	202301	9.403	ppbv		70
41) Tetrahydrofuran	6.03	42	526518	9.609	ppbv		99
42) Bromodichloromethane	7.77	83	1719532	9.178	ppbv		99
43) Methyl Methacrylate	8.00	69	776048	9.952	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038329.D
Acq On : 3 Feb 2022 11:22
Operator : SY/AP
Sample : VL0203ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Quant Time: Feb 04 08:39:37 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	7.85	57	3382758	8.706	ppbv		100
45) t-1,3-Dichloropropene	9.26	75	692767	10.934	ppbv		97
46) cis-1,3-Dichloropropene	8.68	75	863610	10.216	ppbv		99
47) 1,1,2-Trichloroethane	9.45	97	810478	9.228	ppbv		97
48) Dibromochloromethane	10.28	129	1397681	9.453	ppbv		99
49) Bromoform	13.02	173	1057374	9.919	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	1361325	9.362	ppbv		100
51) 2-Hexanone	10.11	43	614312	9.593	ppbv	#	96
52) Tetrachloroethene	11.20	164	678963	8.936	ppbv		97
53) Toluene	9.79	91	2325577	9.530	ppbv		98
54) 1,2-Dibromoethane	10.59	107	1210737	9.696	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	895079	7.271	ppbv		96
57) Chlorobenzene	12.12	112	1652516	7.343	ppbv		98
58) Ethyl Benzene	12.69	91	3064637	7.415	ppbv		99
59) m/p-Xylene	12.97	91	2683539	7.610	ppbv	#	37
60) o-Xylene	13.67	91	2402121	7.324	ppbv		100
61) Styrene	13.50	104	1282100	8.376	ppbv		99
62) Isopropylbenzene	14.65	105	3224348	7.374	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1731731	7.136	ppbv		100
64) n-propylbenzene	15.54	120	835217	7.941	ppbv		98
65) tert-Butylbenzene	16.73	119	2788839	7.744	ppbv		99
66) Benzyl Chloride	16.97	91	158122	9.666	ppbv		96
67) sec-Butylbenzene	17.27	105	3897226	7.780	ppbv		99
69) p-Isopropyltoluene	17.63	119	3137663	8.184	ppbv		100
70) n-Butylbenzene	18.53	91	3127105	8.328	ppbv		100
71) 2-Chlorotoluene	15.43	91	2521904	7.788	ppbv		100
72) 4-Ethyltoluene	15.82	105	2801359	8.168	ppbv		100
73) 1,3,5-Trimethylbenzene	15.98	105	2469935	8.008	ppbv		100
74) 1,2,4-Trimethylbenzene	16.74	105	2553240	7.857	ppbv		93
75) 1,3-Dichlorobenzene	16.97	146	1430159	8.202	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	1373770	8.137	ppbv		98
77) 1,2-Dichlorobenzene	17.79	146	1303713	8.050	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	708553	6.292	ppbv		99
79) Naphthalene	22.17	128	1300718	8.562	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	251491	15.222	ppbv		97
81) 1,2,4-Trichlorobenzene	21.90	180	700994	7.845	ppbv		99

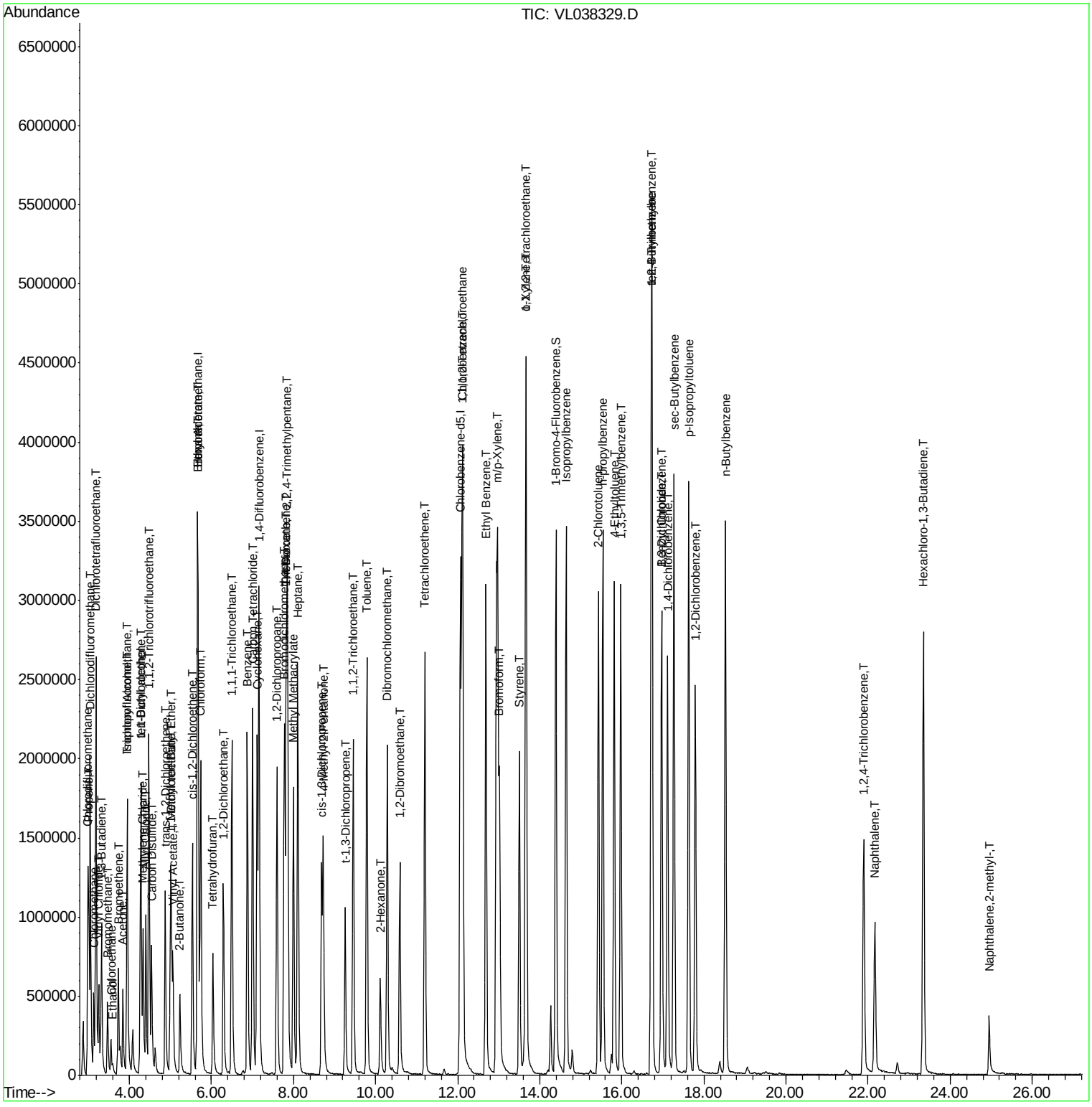
(#) = qualifier out of range (m) = manual integration (+) = signals summed

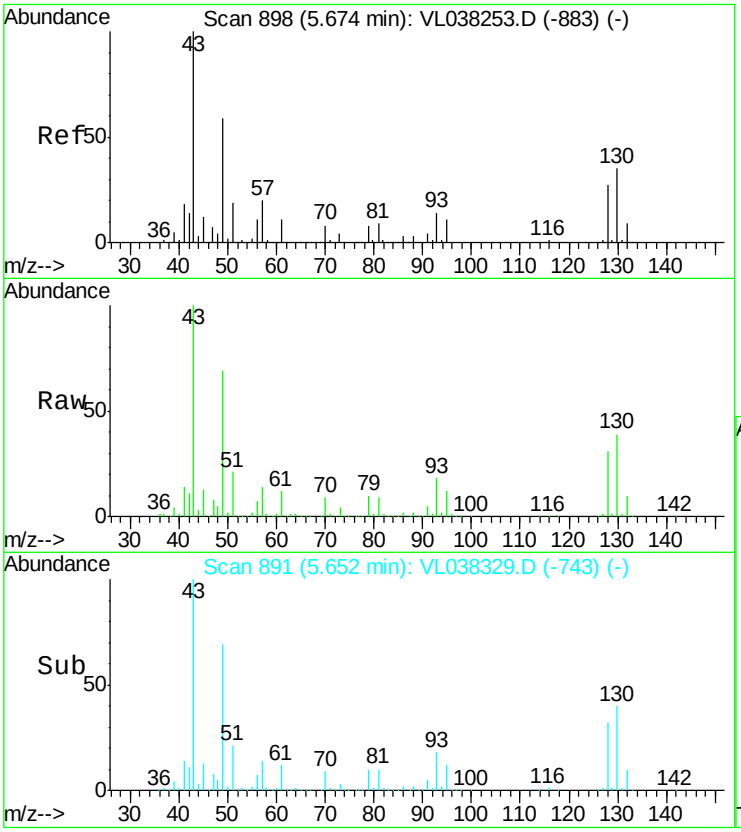
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038329.D
Acq On : 3 Feb 2022 11:22
Operator : SY/AP
Sample : VL0203ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Quant Time: Feb 04 08:39:37 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



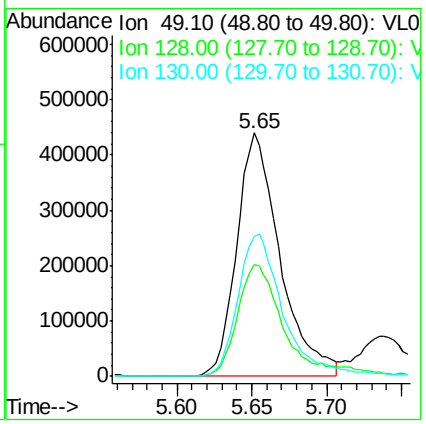


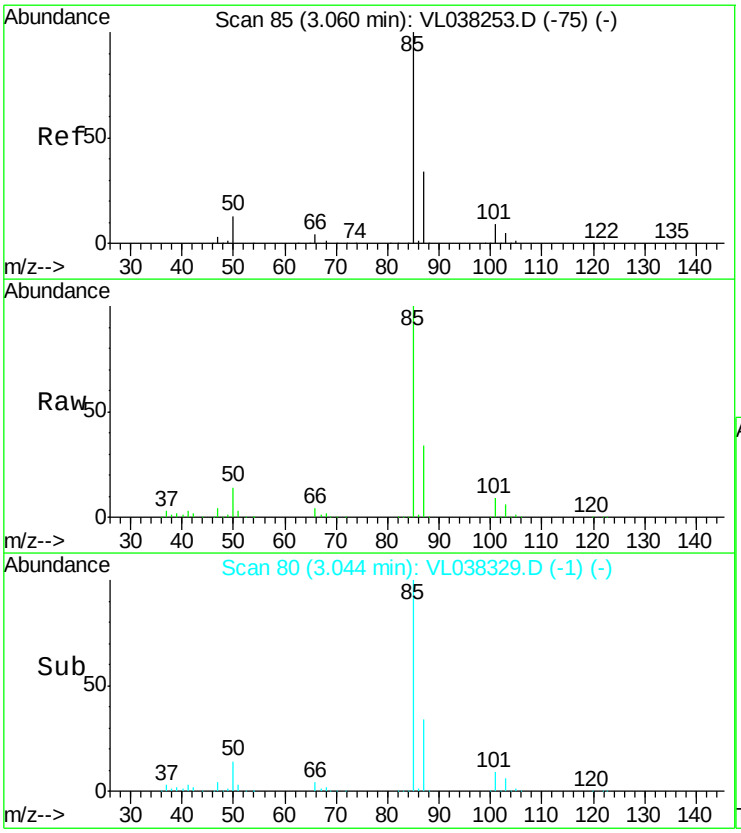
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 49 Resp: 880326

Ion	Ratio	Lower	Upper
49	100		
128	51.4	24.5	73.5
130	62.8	30.1	90.5

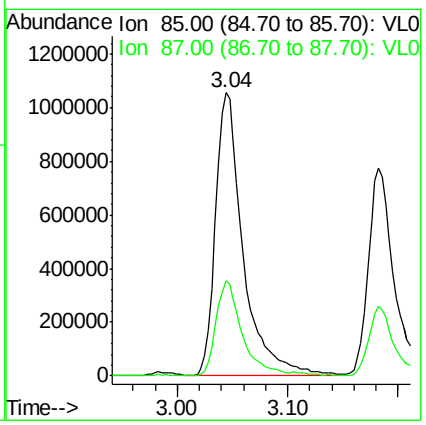


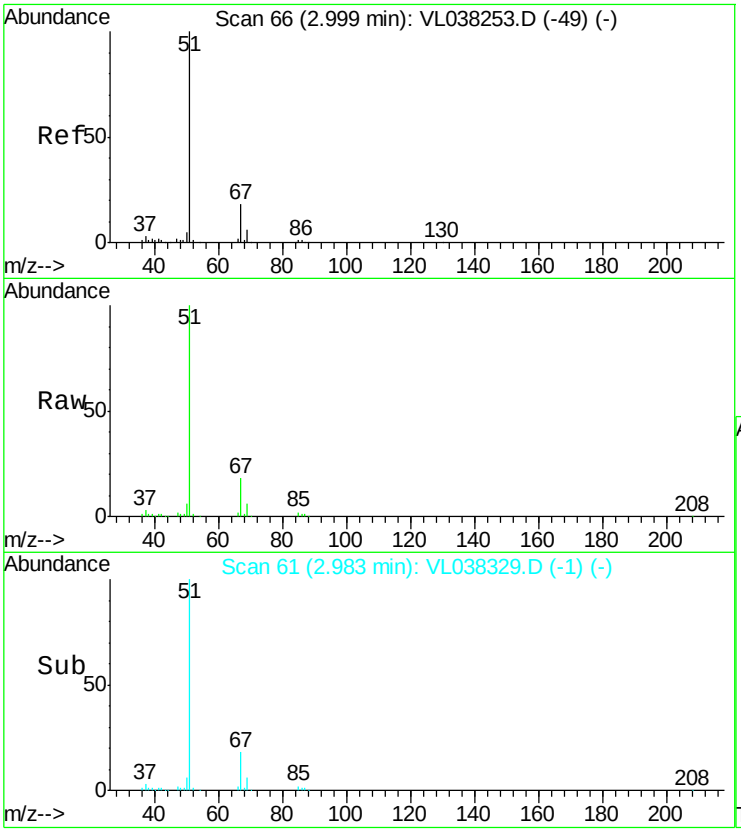


#2
Dichlorodifluoromethane
Concen: 9.694 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 85 Resp: 1816581

Ion	Ratio	Lower	Upper
85	100		
87	33.6	27.0	40.6



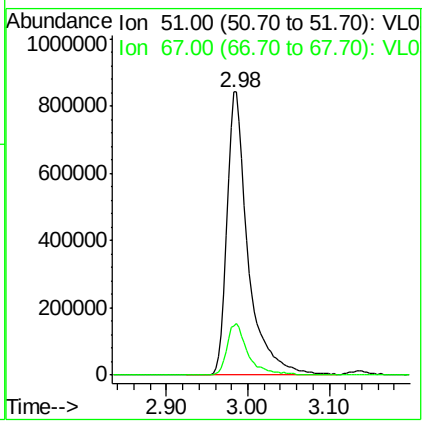


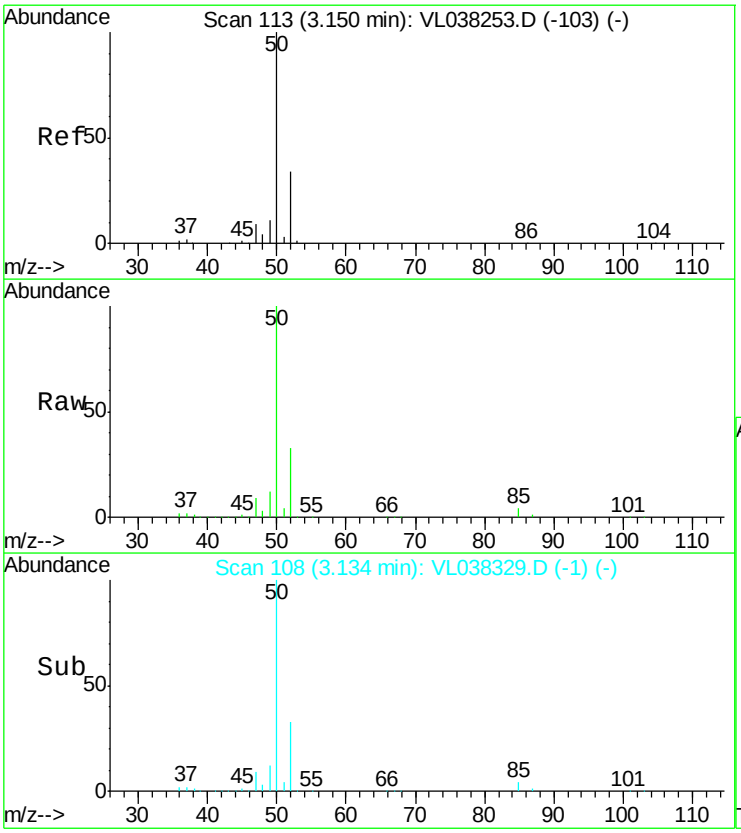
#3
Chlorodifluoromethane
Concen: 8.767 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 51 Resp: 1536420

Ion	Ratio	Lower	Upper
51	100		
67	18.4	14.4	21.6

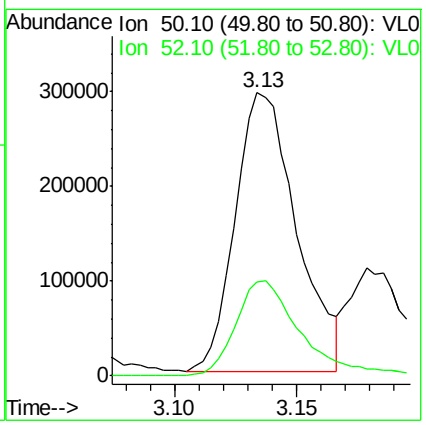


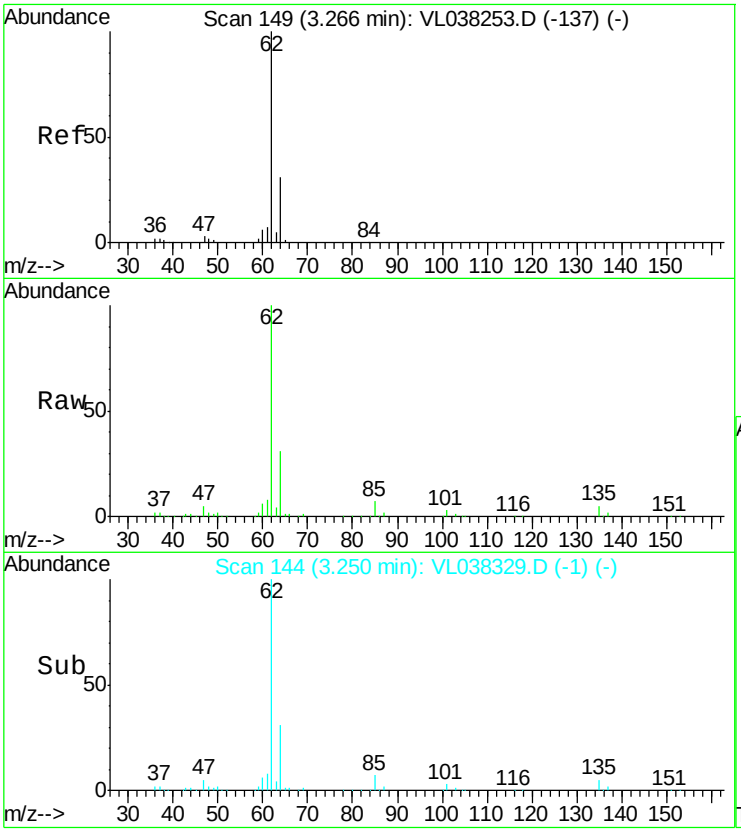


#4
Chloromethane
Concen: 8.508 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 50 Resp: 512956

Ion	Ratio	Lower	Upper
50	100		
52	33.5	27.1	40.7



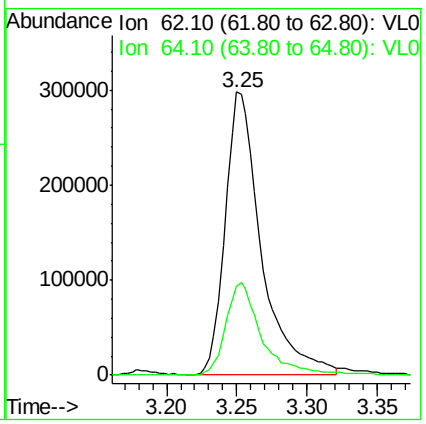


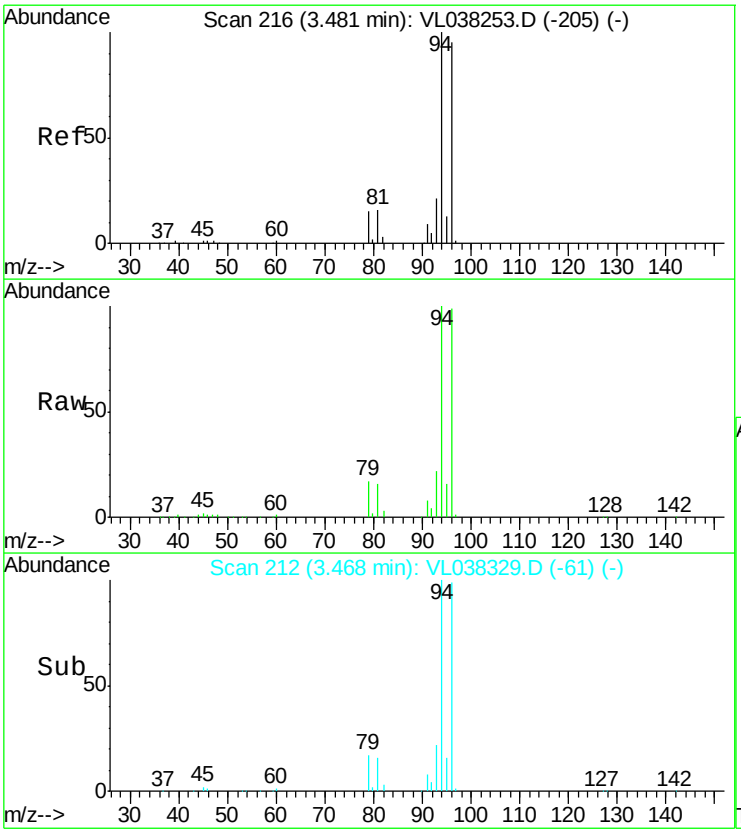
#5
Vinyl Chloride
Concen: 8.886 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 62 Resp: 534740

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.4	36.6

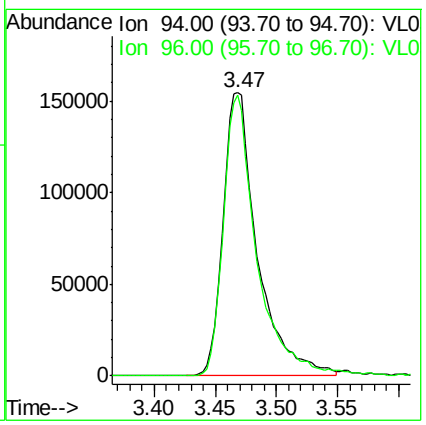


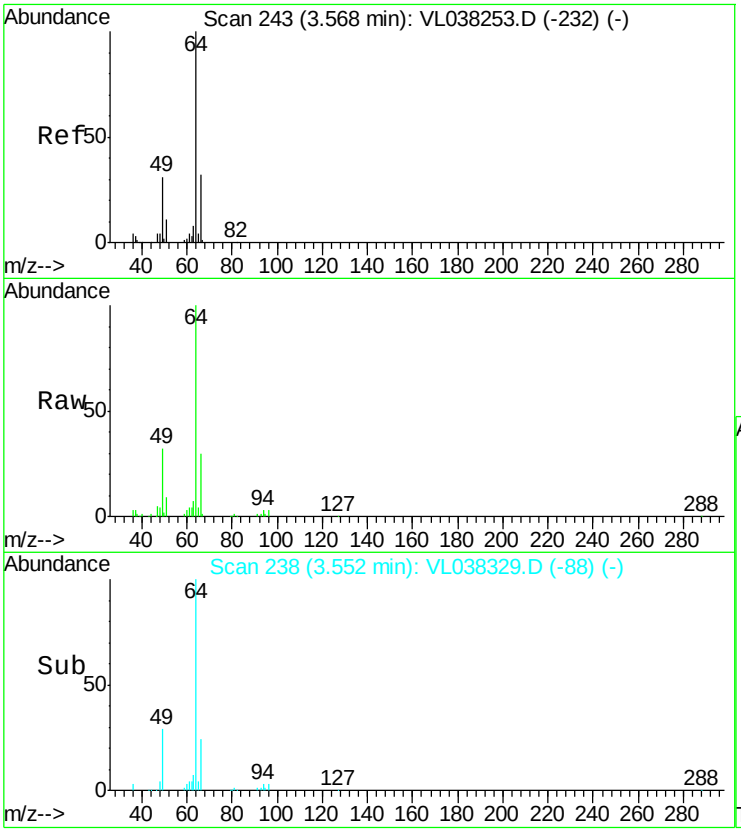


#6
Bromomethane
Concen: 9.393 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.01 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 94 Resp: 305576

Ion	Ratio	Lower	Upper
94	100		
96	99.1	76.0	114.0



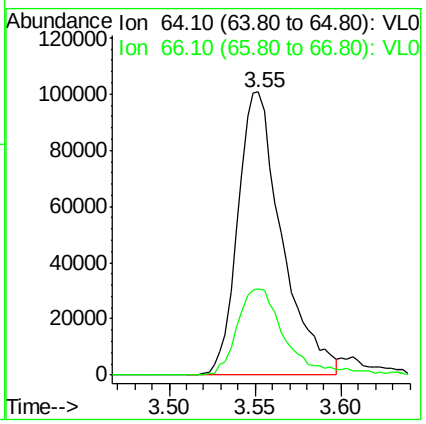


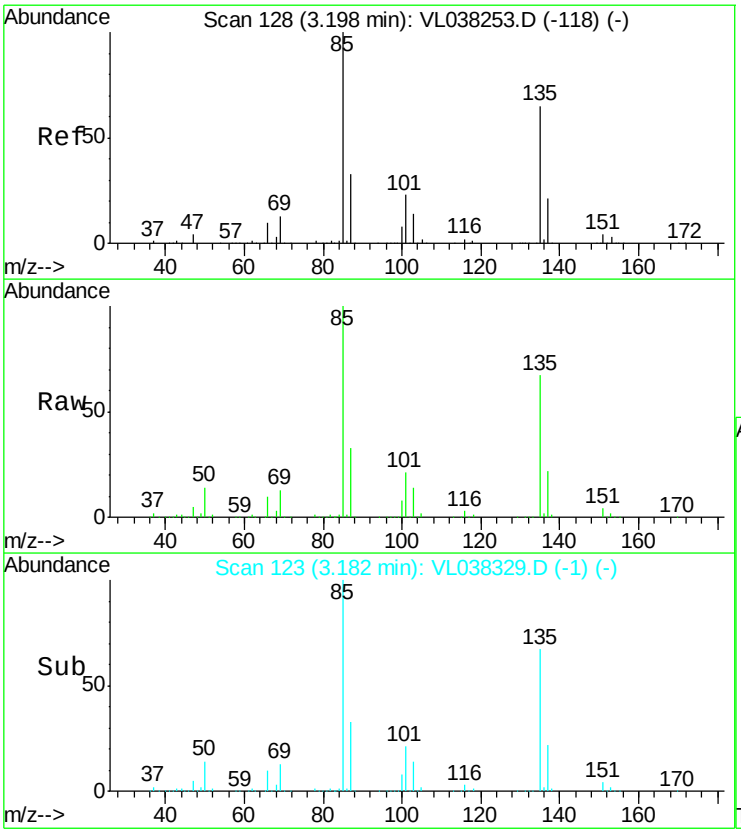
#7
Chloroethane
Concen: 8.811 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 64 Resp: 179094

Ion	Ratio	Lower	Upper
64	100		
66	30.3	25.8	38.6

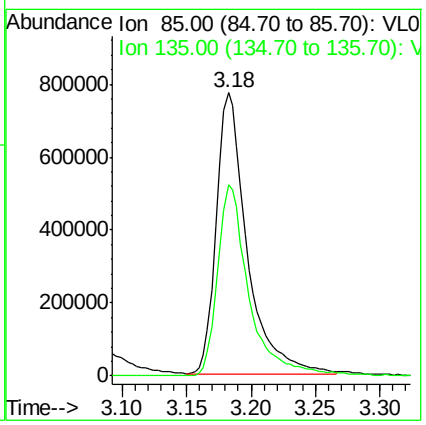


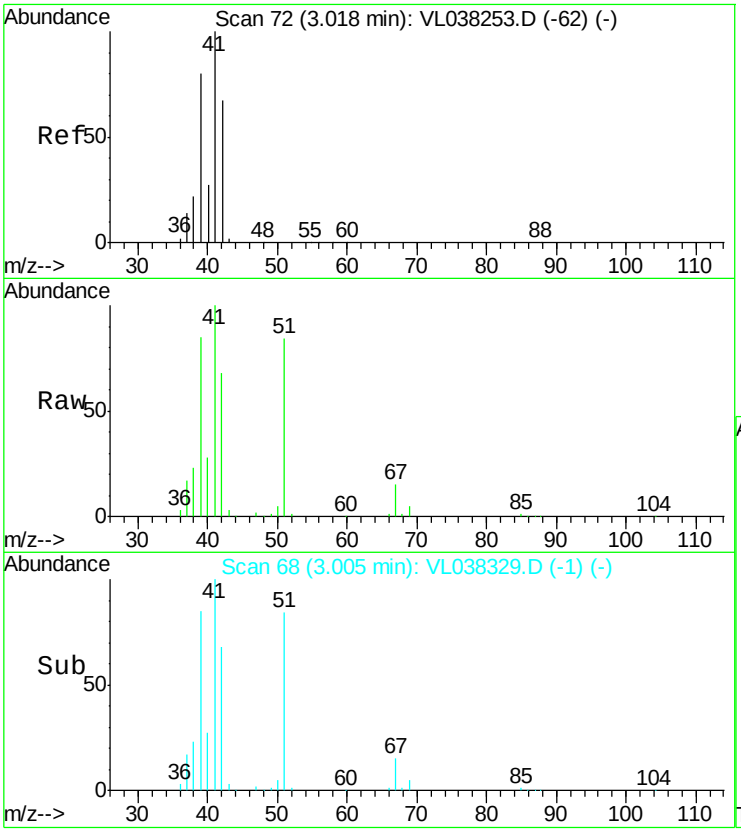


#8
Dichlorotetrafluoroethane
Concen: 8.758 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 85 Resp: 1269999

Ion	Ratio	Lower	Upper
85	100		
135	70.5	53.7	80.5



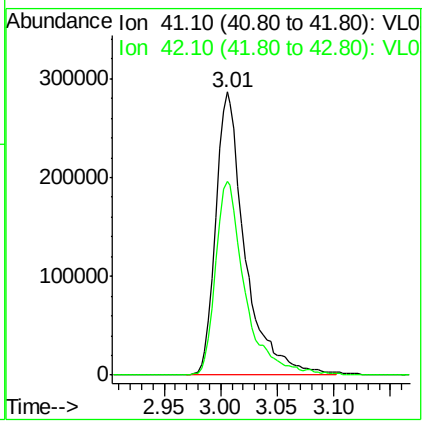


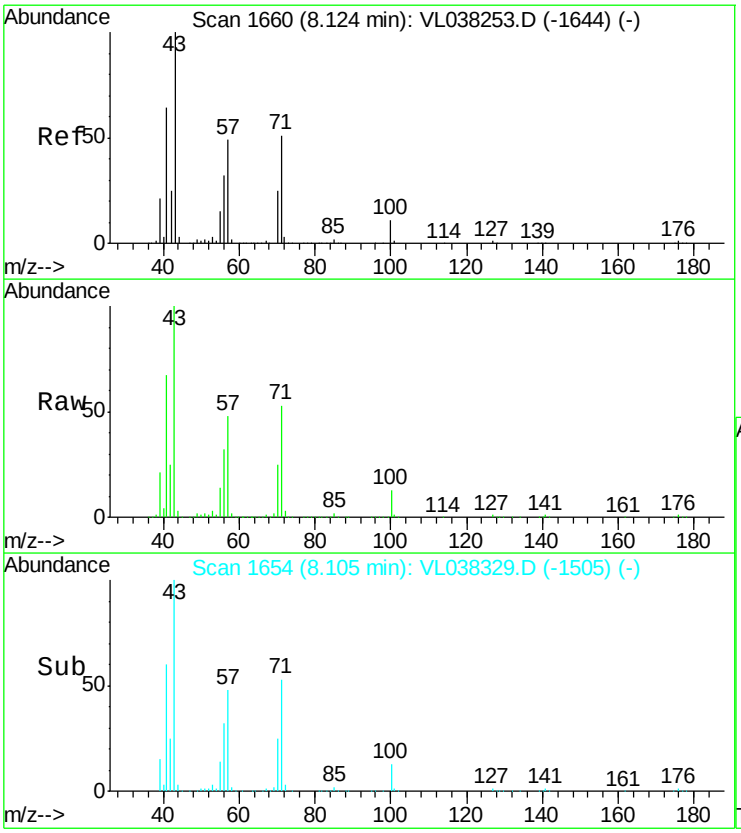
#9
Propene
Concen: 9.058 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 41 Resp: 516773

Ion	Ratio	Lower	Upper
41	100		
42	69.4	54.9	82.3

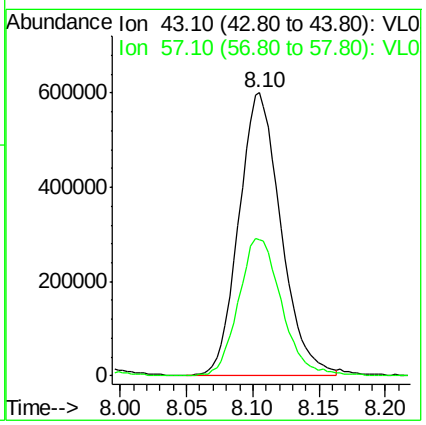


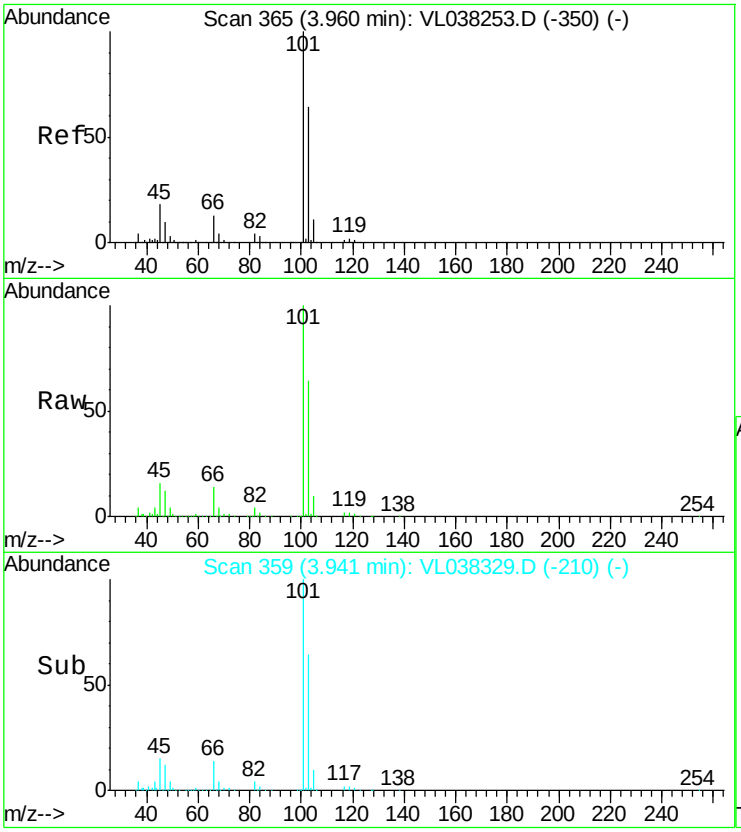


#10
Heptane
Concen: 9.005 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 43 Resp: 1321771

Ion	Ratio	Lower	Upper
43	100		
57	49.7	39.5	59.3



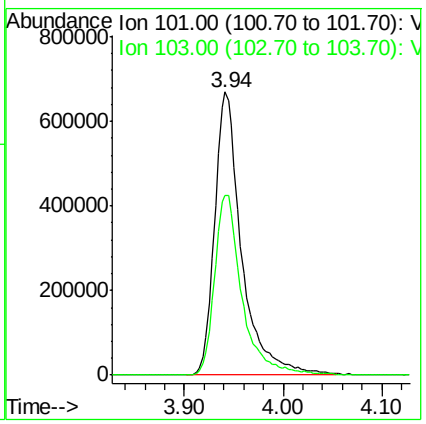


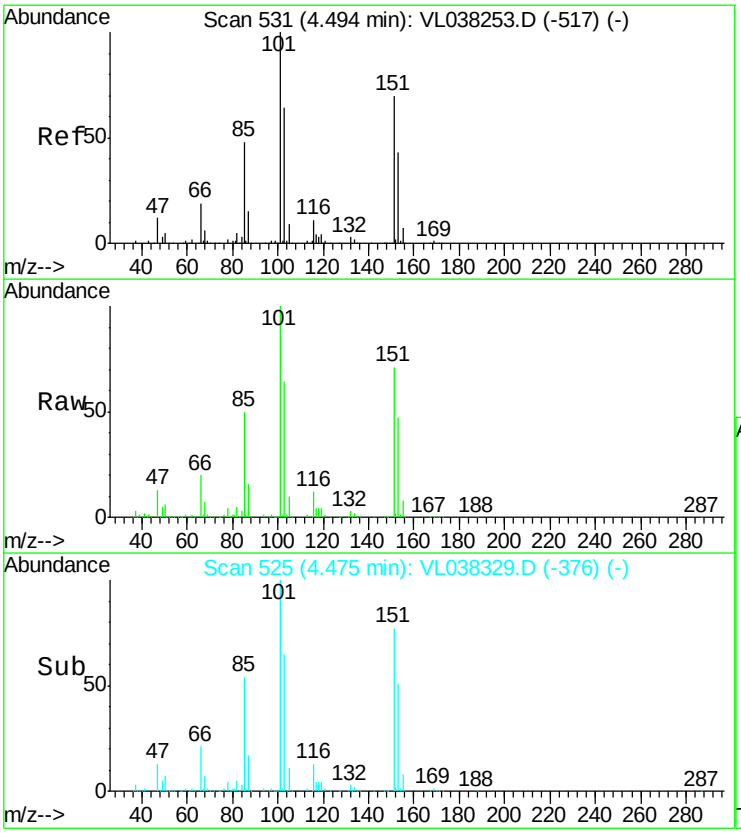
#11
Trichlorofluoromethane
Concen: 8.787 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:101 Resp: 1282813

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.2	76.8

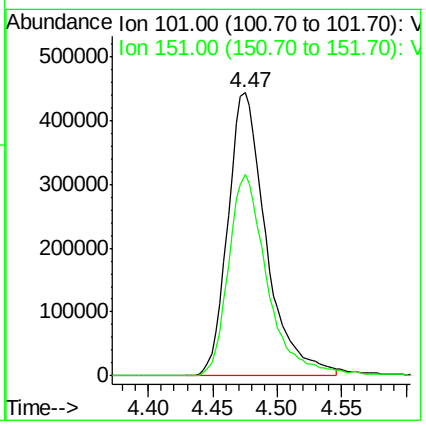


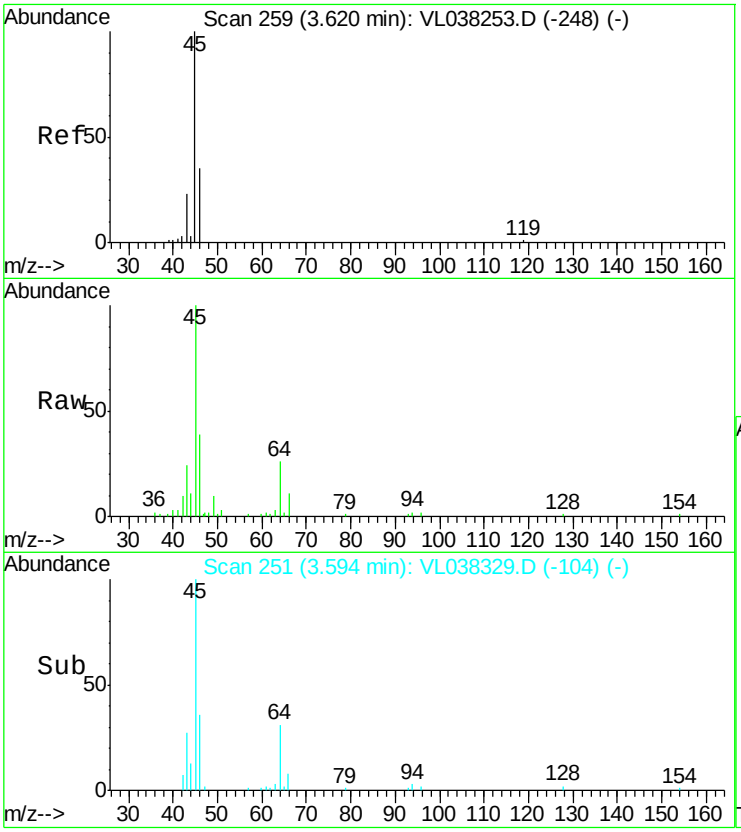


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.299 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:101 Resp: 915886

Ion	Ratio	Lower	Upper
101	100		
151	72.8	55.3	82.9



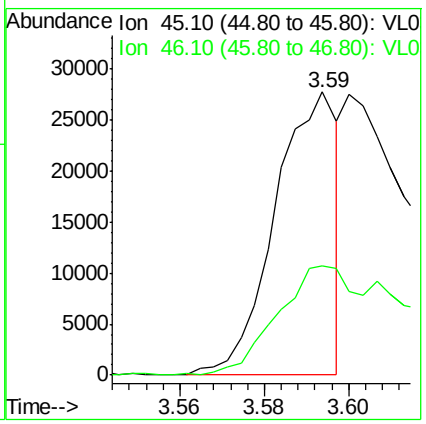


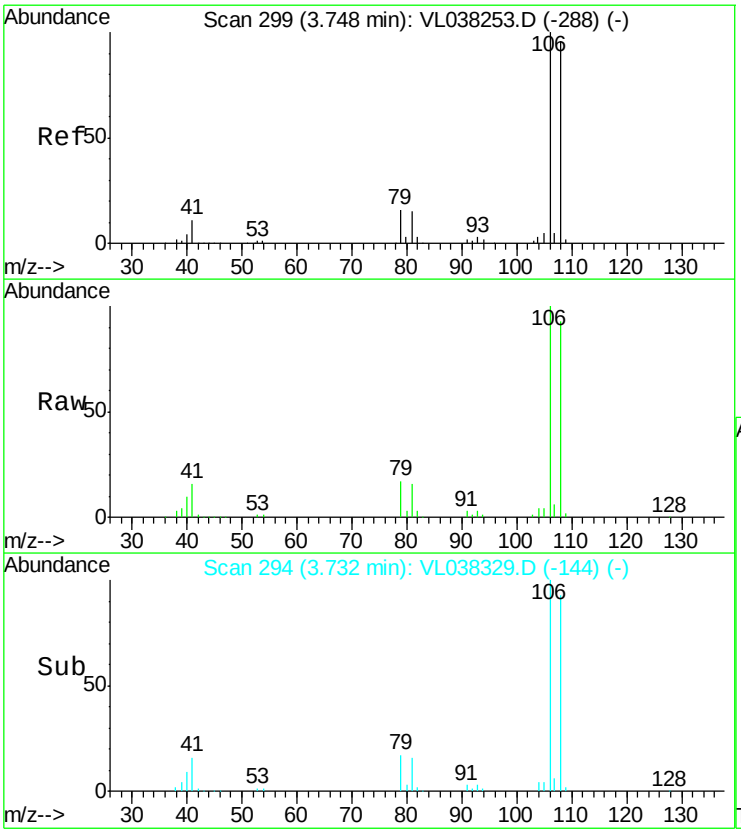
#13
Ethanol
Concen: 4.663 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 45 Resp: 28559

Ion	Ratio	Lower	Upper
45	100		
46	100.4	15.4	61.6#

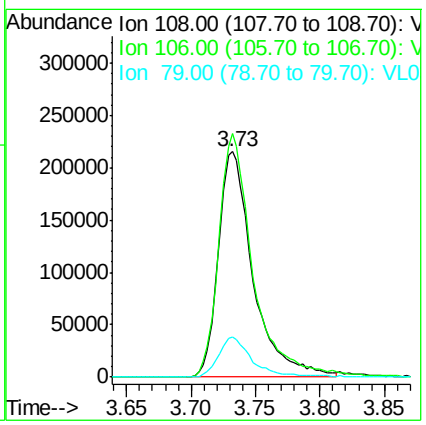


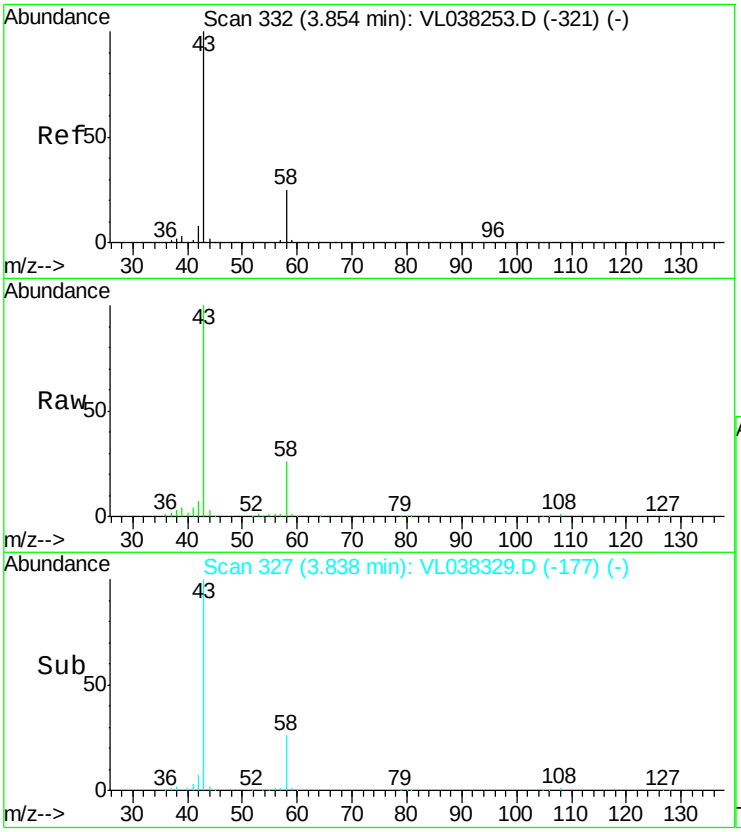


#14
Bromoethene
Concen: 9.368 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:108 Resp: 403965

Ion	Ratio	Lower	Upper
108	100		
106	107.4	86.4	129.6
79	17.8	14.1	21.1



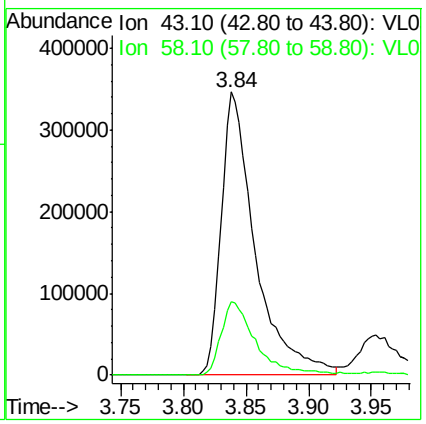


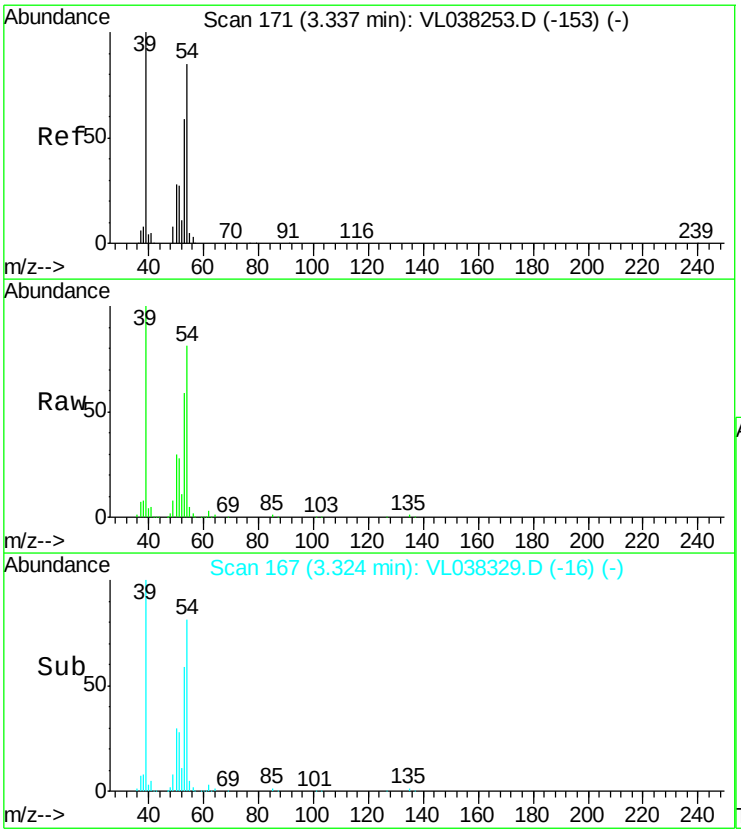
#15
Acetone
Concen: 8.424 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 43 Resp: 653720

Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.5	32.3

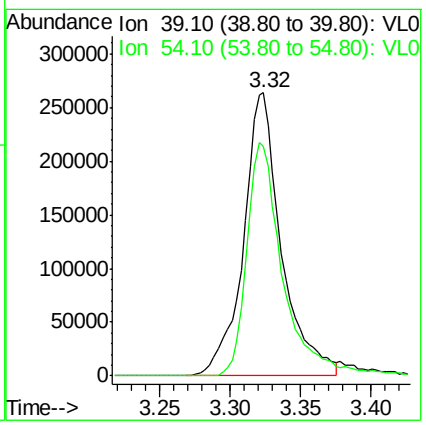


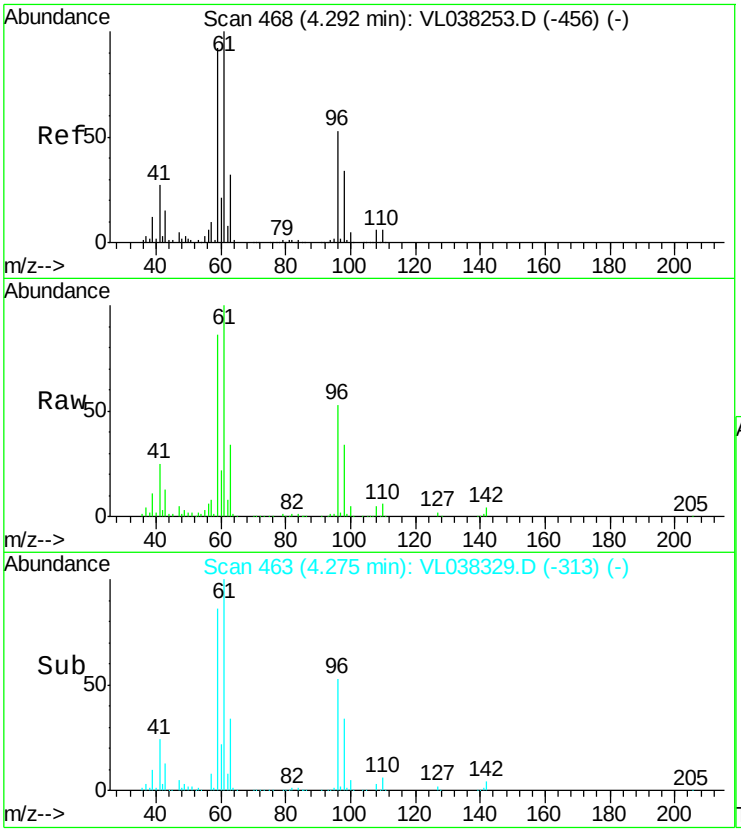


#16
1,3-Butadiene
Concen: 8.902 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.01 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 39 Resp: 495739

Ion	Ratio	Lower	Upper
39	100		
54	79.6	62.6	94.0



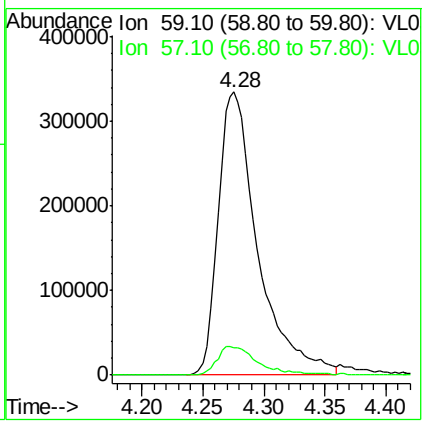


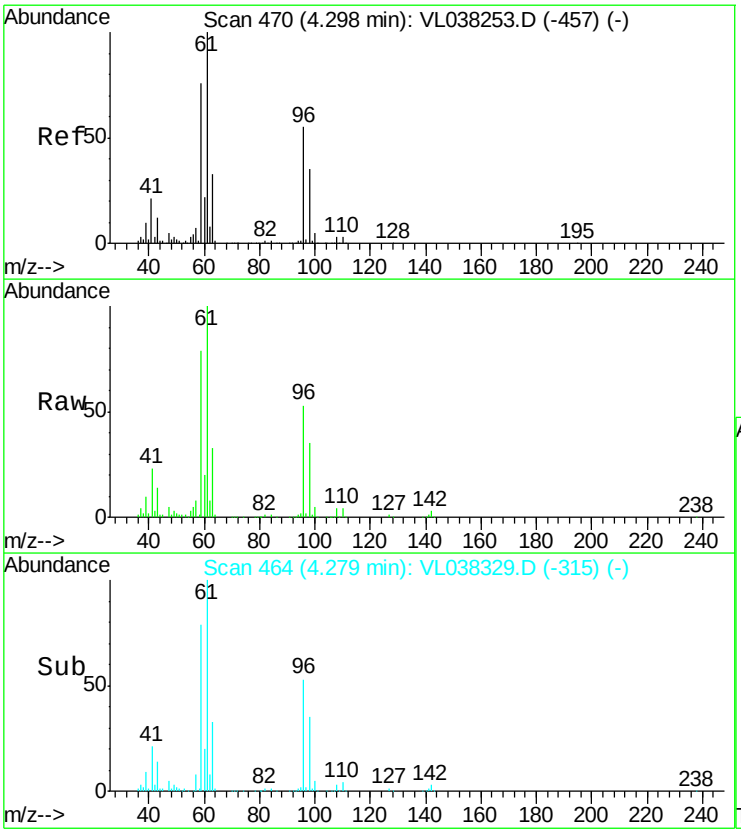
#17
tert-Butyl alcohol
Concen: 8.922 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 59 Resp: 759924

Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.2	13.8

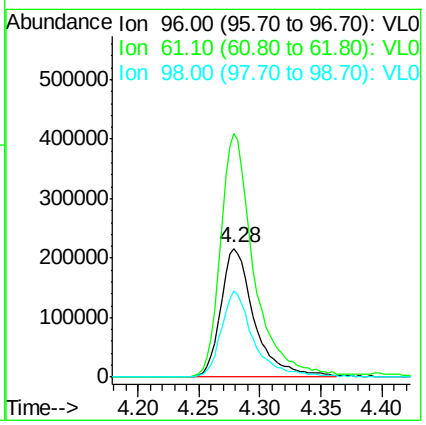


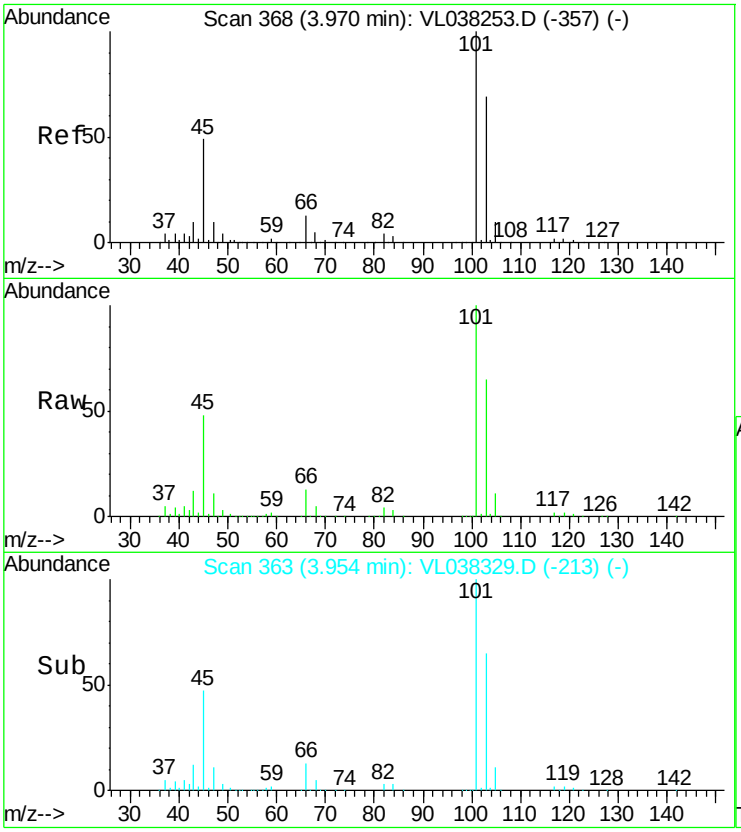


#18
1,1-Dichloroethene
Concen: 8.710 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 96 Resp: 418003

Ion	Ratio	Lower	Upper
96	100		
61	189.1	146.5	219.7
98	66.9	51.9	77.9



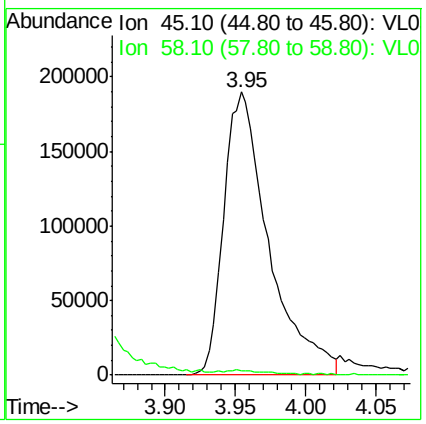


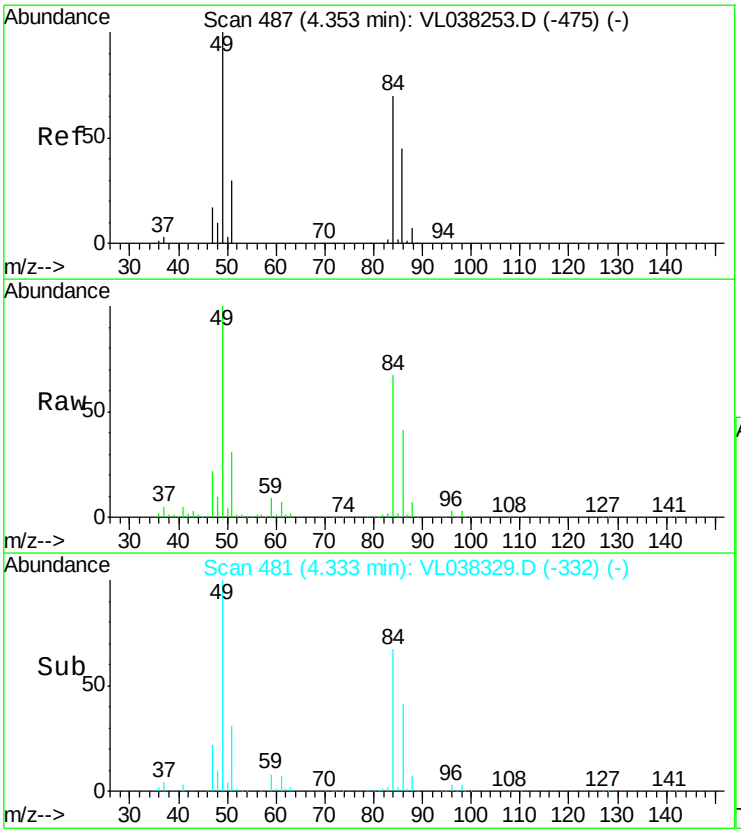
#19
Isopropyl Alcohol
Concen: 8.729 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 45 Resp: 423750

Ion	Ratio	Lower	Upper
45	100		
58	1.7	2.3	3.5#

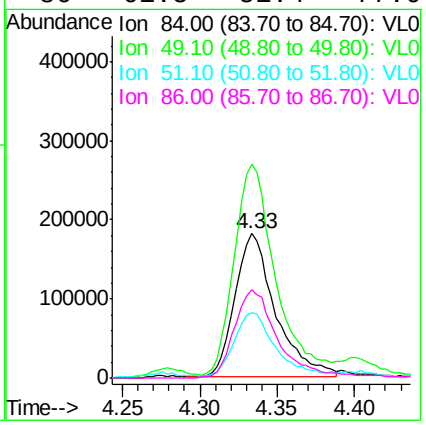


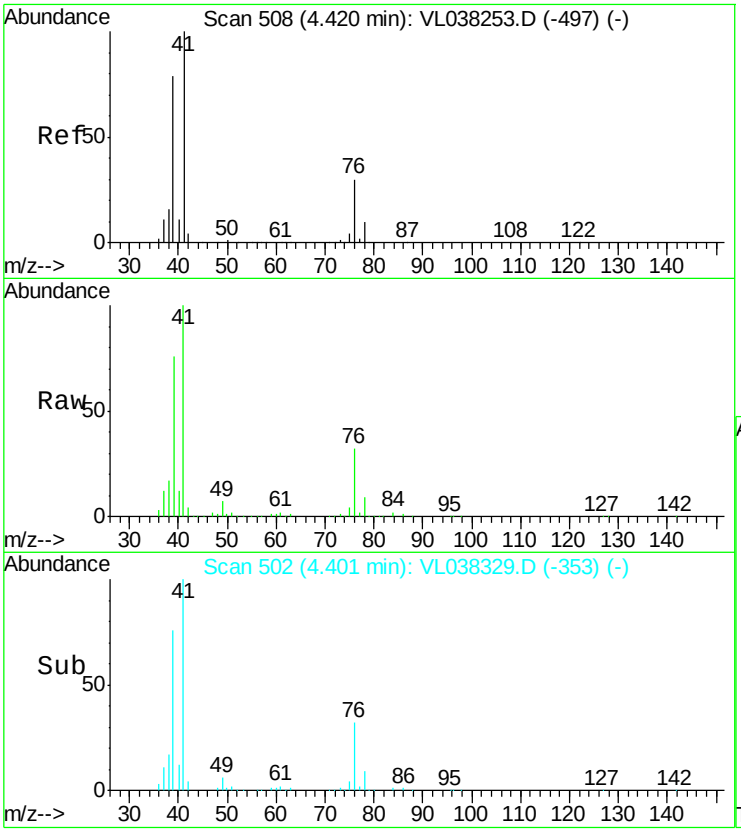


#20
Methylene Chloride
Concen: 7.369 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 84 Resp: 332599

Ion	Ratio	Lower	Upper
84	100		
49	145.4	115.0	172.6
51	43.9	35.0	52.6
86	61.5	51.4	77.0



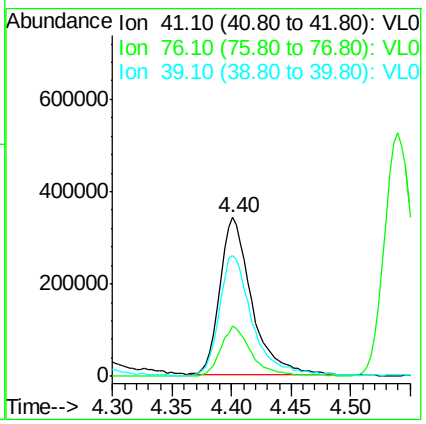


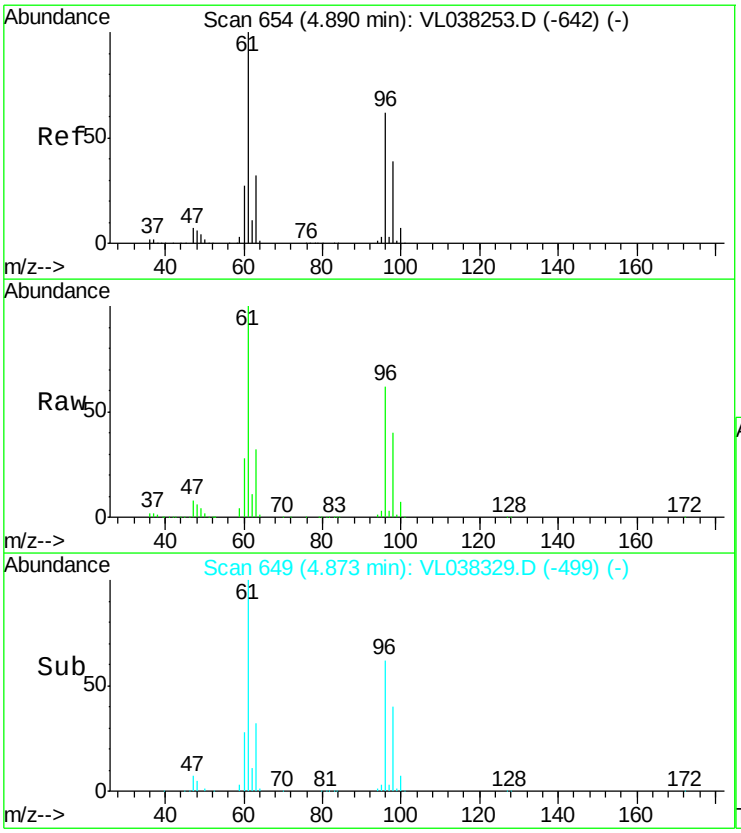
#21
Allyl Chloride
Concen: 9.256 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 41 Resp: 635533

Ion	Ratio	Lower	Upper
41	100		
76	31.3	25.0	37.6
39	78.4	63.0	94.6

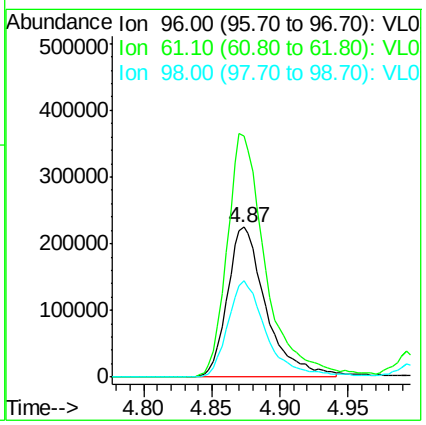


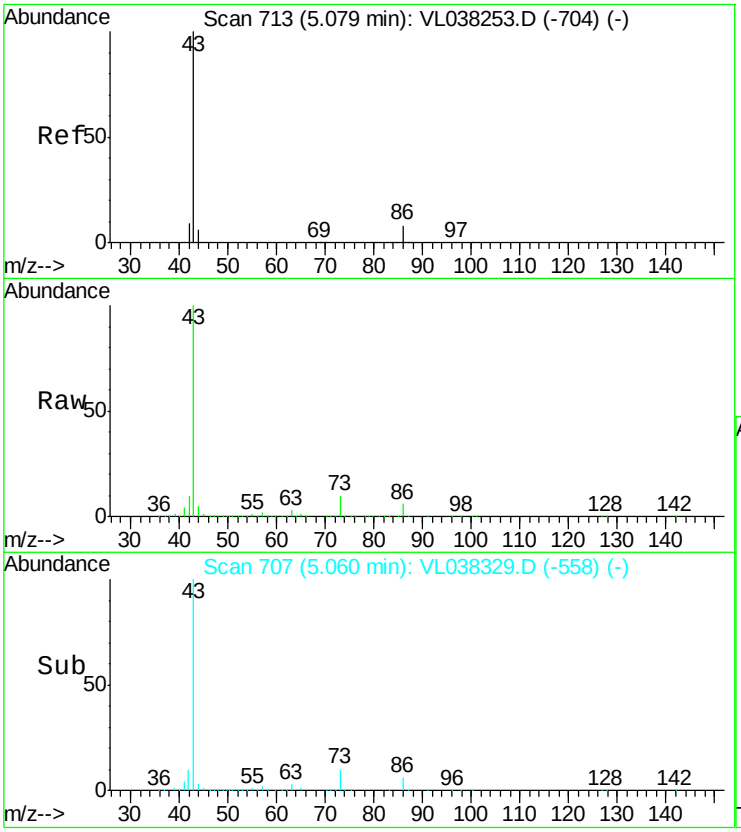


#22
trans-1,2-Dichloroethene
Concen: 8.926 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 96 Resp: 442616

Ion	Ratio	Lower	Upper
96	100		
61	161.1	128.8	193.2
98	64.6	49.8	74.8



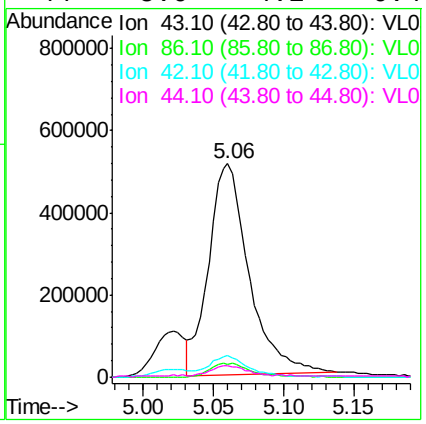


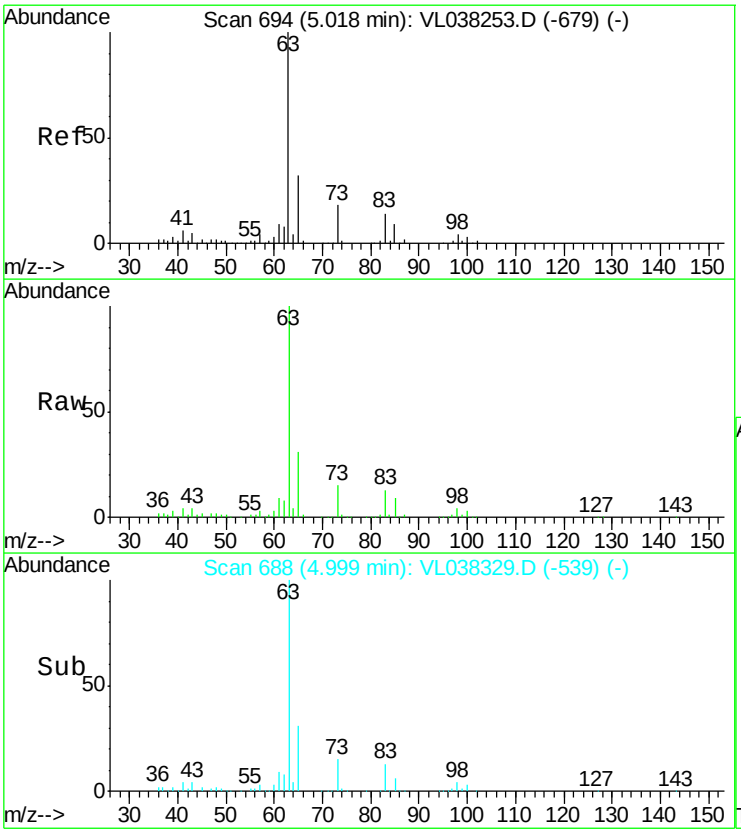
#23
Vinyl Acetate
Concen: 9.049 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 43 Resp: 1021040

Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.7	8.5
42	10.0	7.7	11.5
44	5.0	4.2	6.4

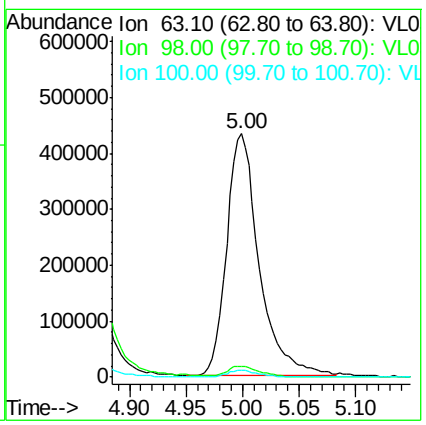


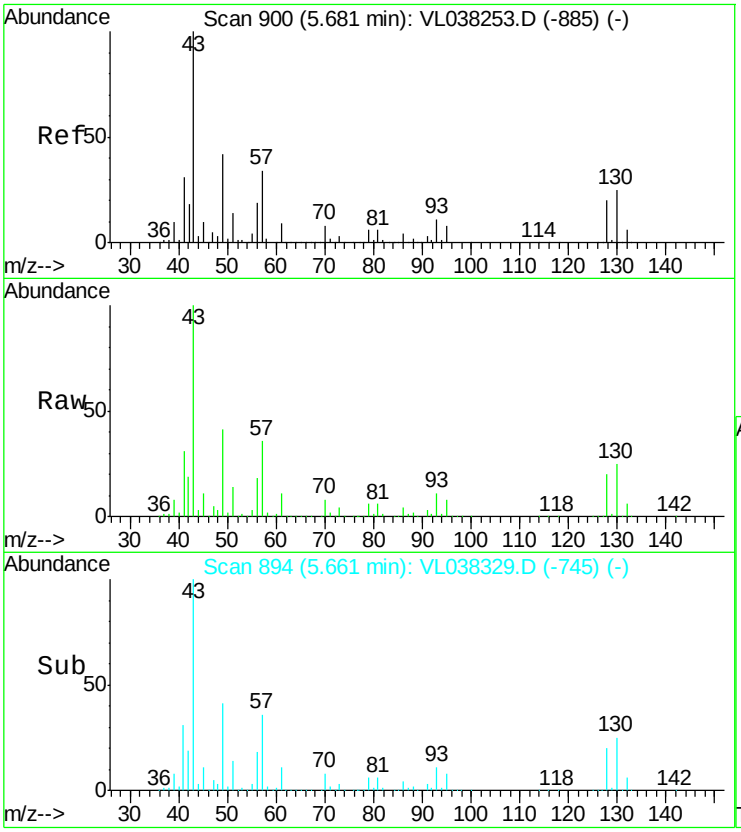


#24
1,1-Dichloroethane
Concen: 8.653 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 63 Resp: 869786

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	2.8	1.3	3.9



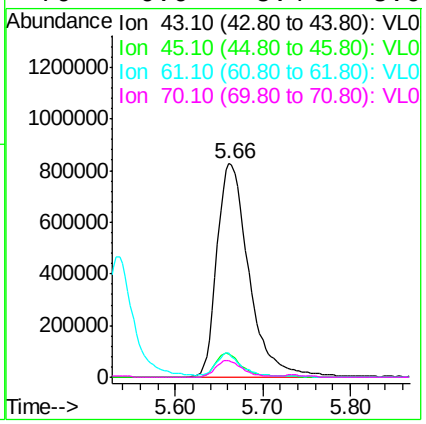


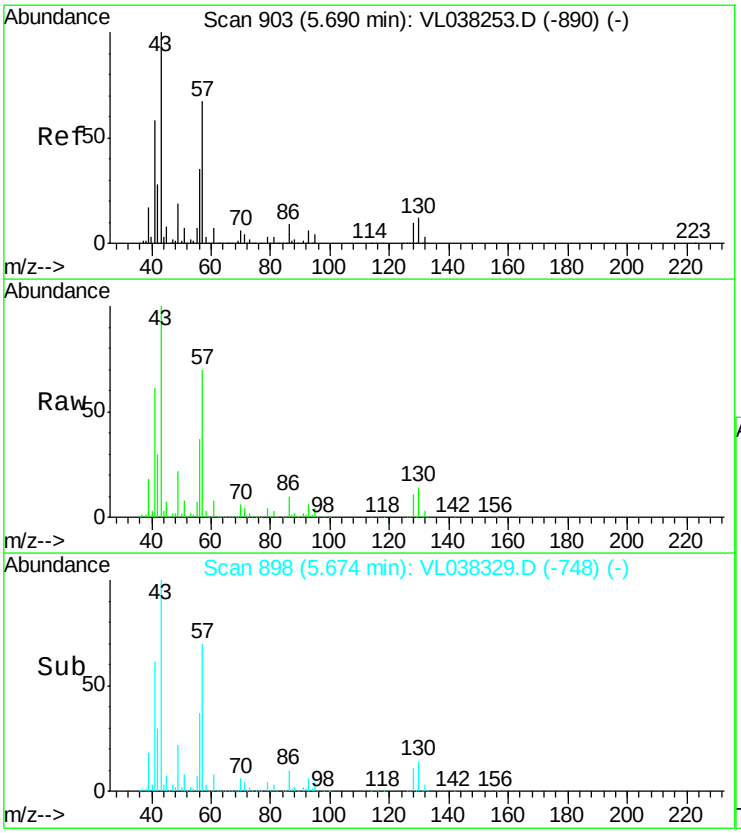
#25
Ethyl Acetate
Concen: 9.648 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 43 Resp: 2096343

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.8	7.8	11.8
70	6.6	5.4	8.0

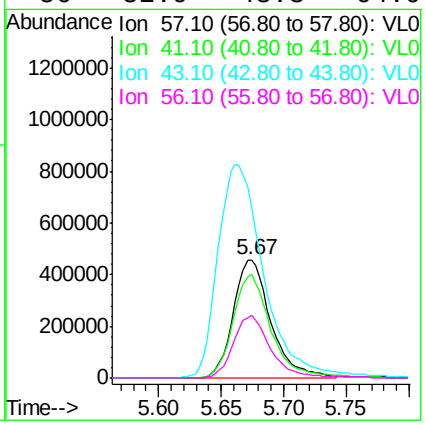


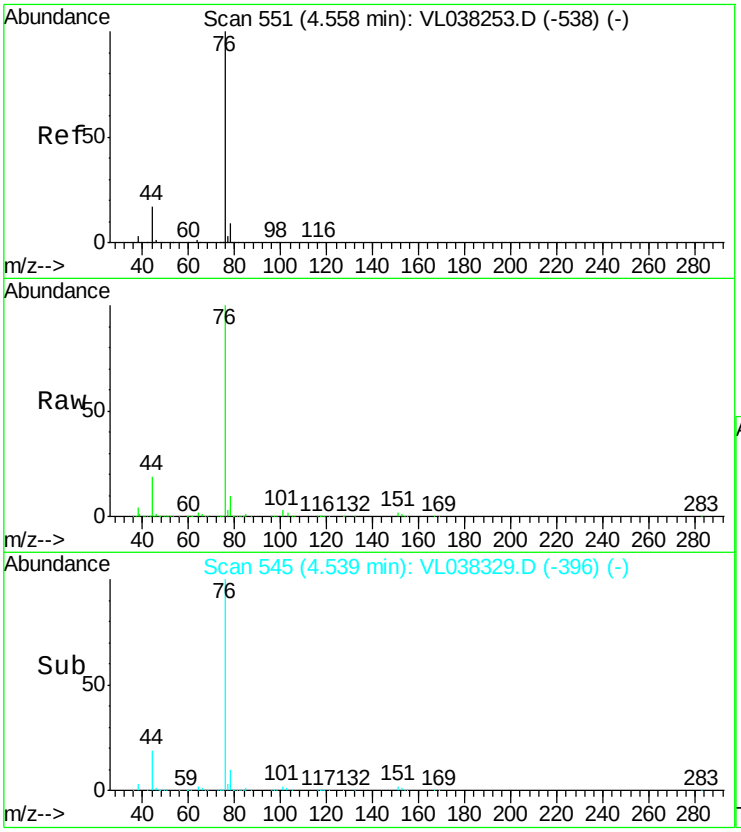


#26
Hexane
Concen: 9.443 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 57 Resp: 954278

Ion	Ratio	Lower	Upper
57	100		
41	89.6	72.8	109.2
43	220.0	177.0	265.6
56	52.9	43.3	64.9



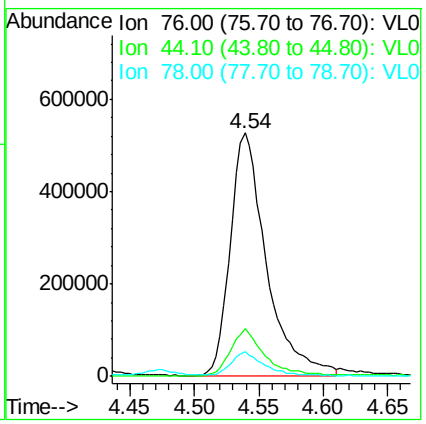


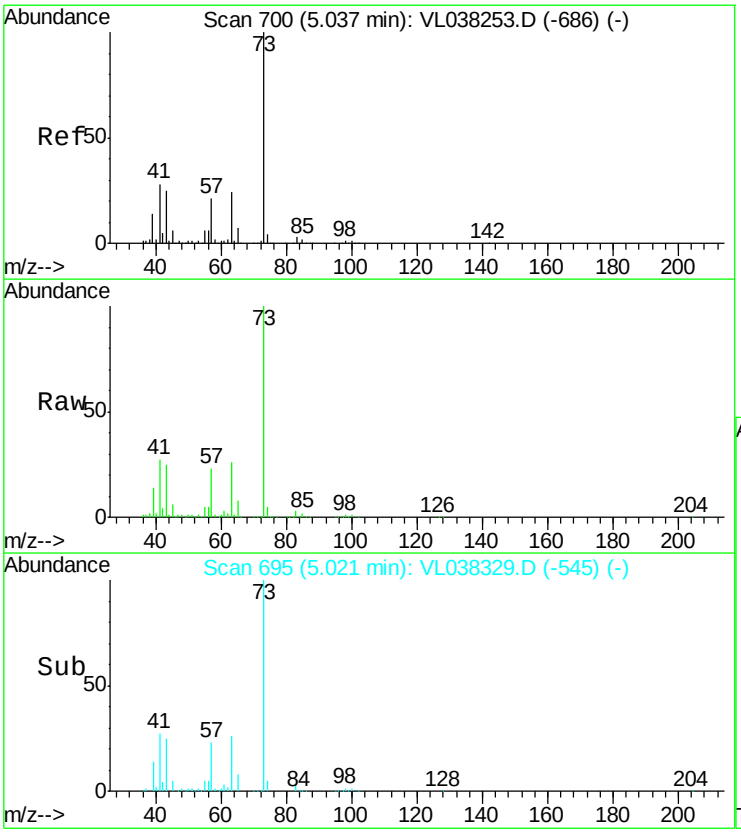
#27
Carbon Disulfide
Concen: 8.665 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 76 Resp: 1024513

Ion	Ratio	Lower	Upper
76	100		
44	19.4	14.8	22.2
78	10.2	7.9	11.9

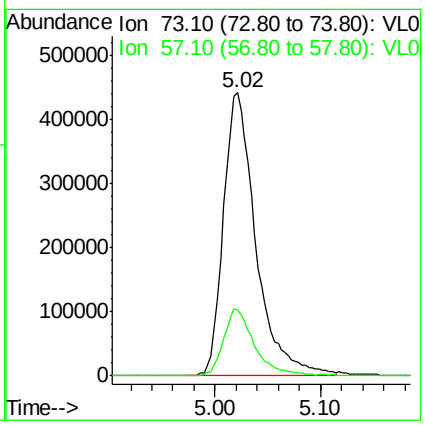


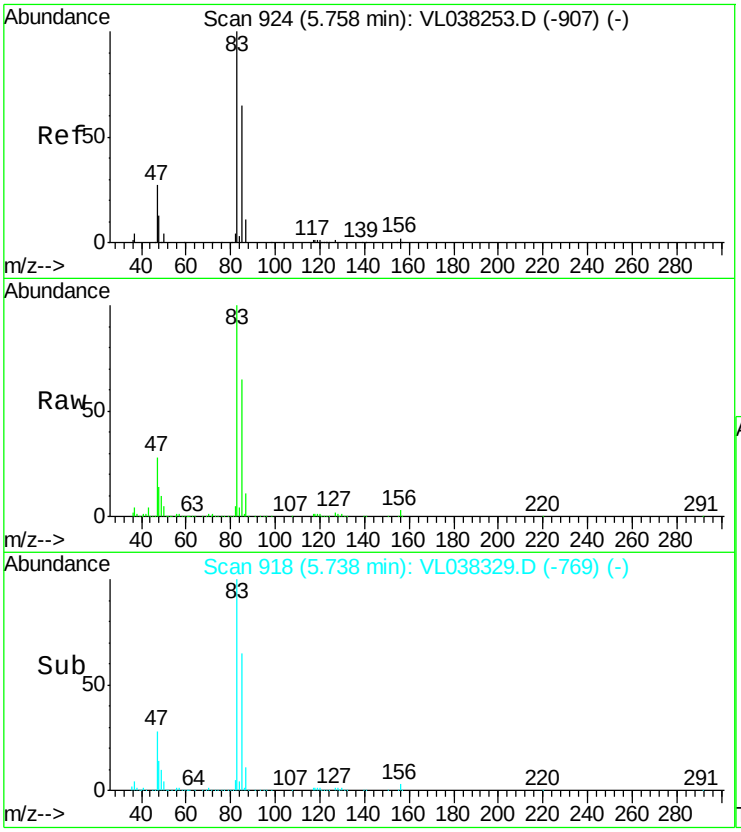


#28
Methyl tert-Butyl Ether
Concen: 9.003 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 73 Resp: 943882

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.4



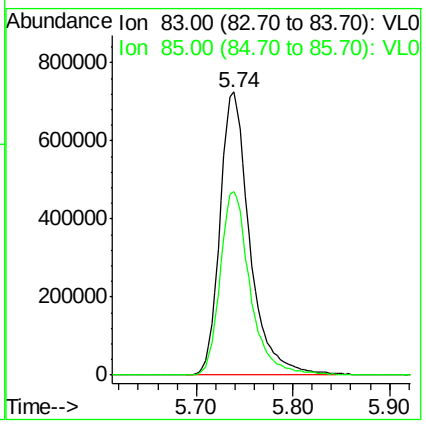


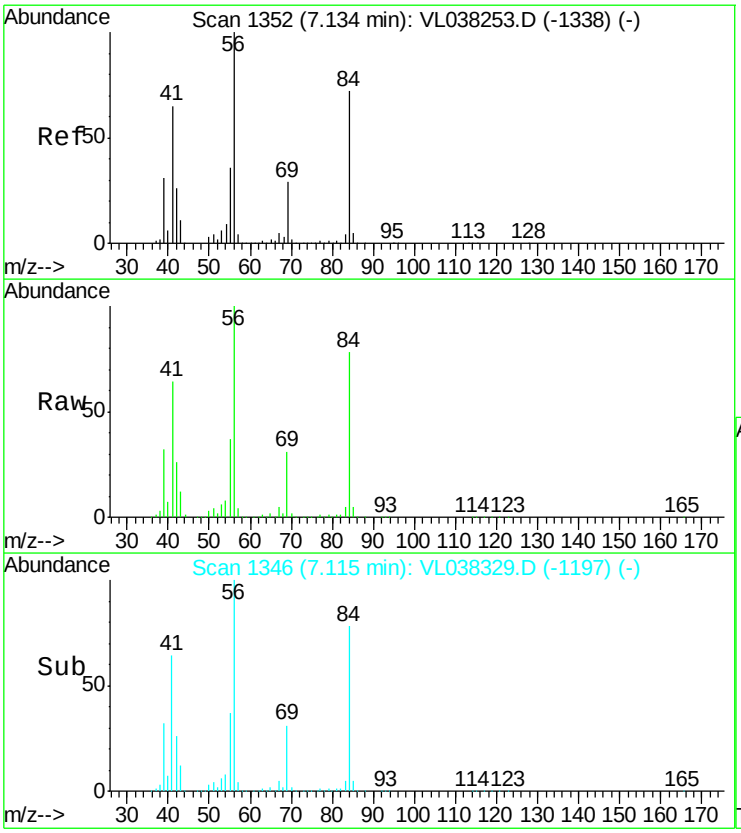
#29
Chloroform
Concen: 9.413 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 83 Resp: 1552785

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9

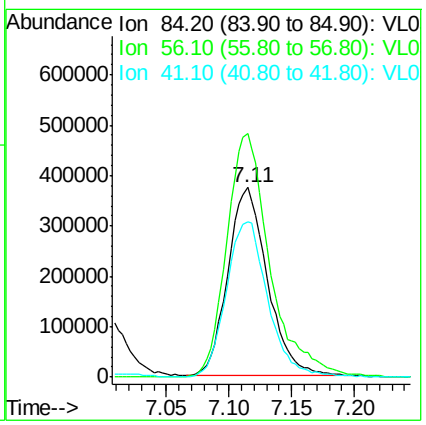


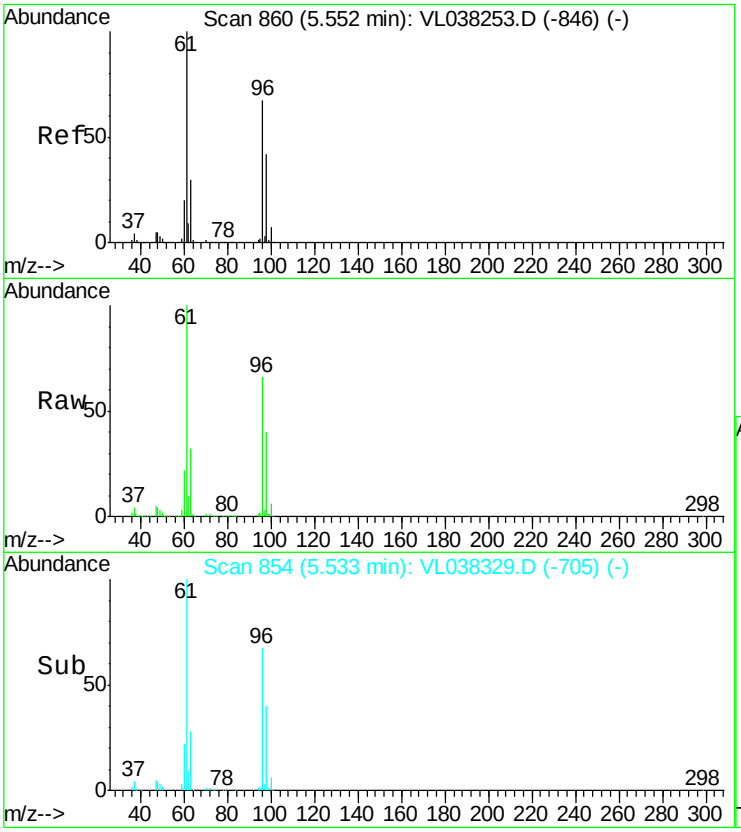


#30
Cyclohexane
Concen: 9.341 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 84 Resp: 821965

Ion	Ratio	Lower	Upper
84	100		
56	141.5	112.7	169.1
41	87.0	71.1	106.7



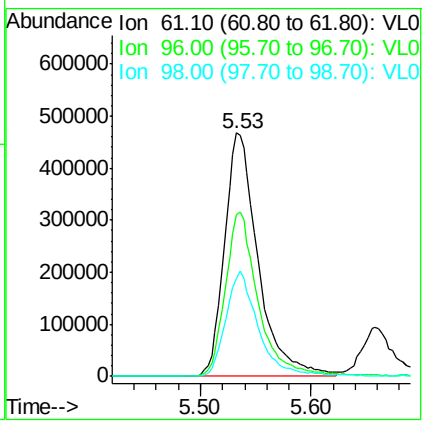


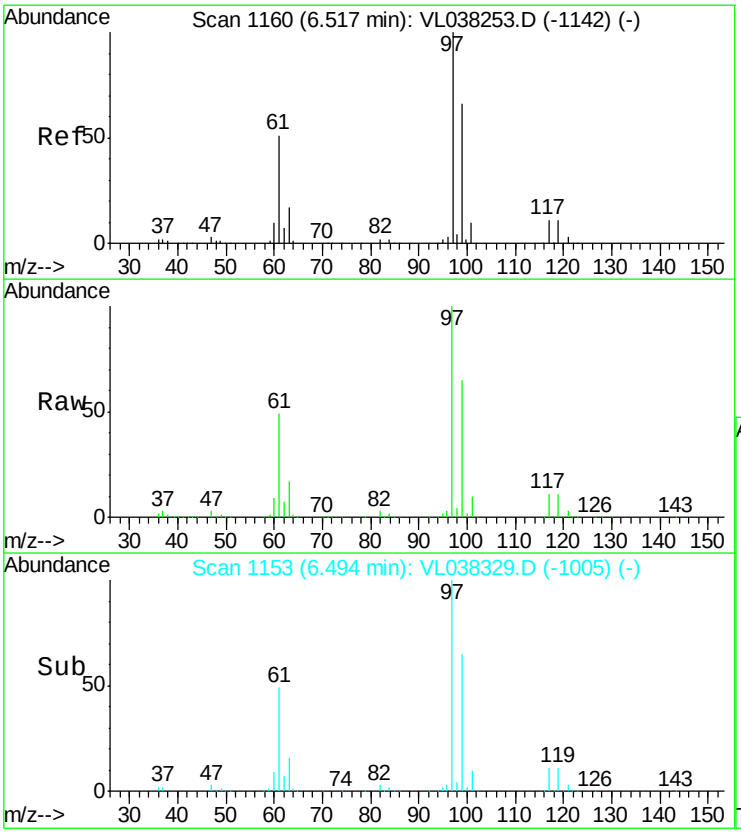
#31
cis-1,2-Dichloroethene
Concen: 11.124 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 61 Resp: 980626

Ion	Ratio	Lower	Upper
61	100		
96	66.3	53.3	79.9
98	40.2	33.7	50.5

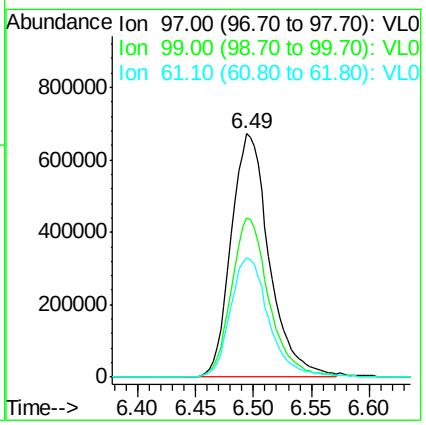


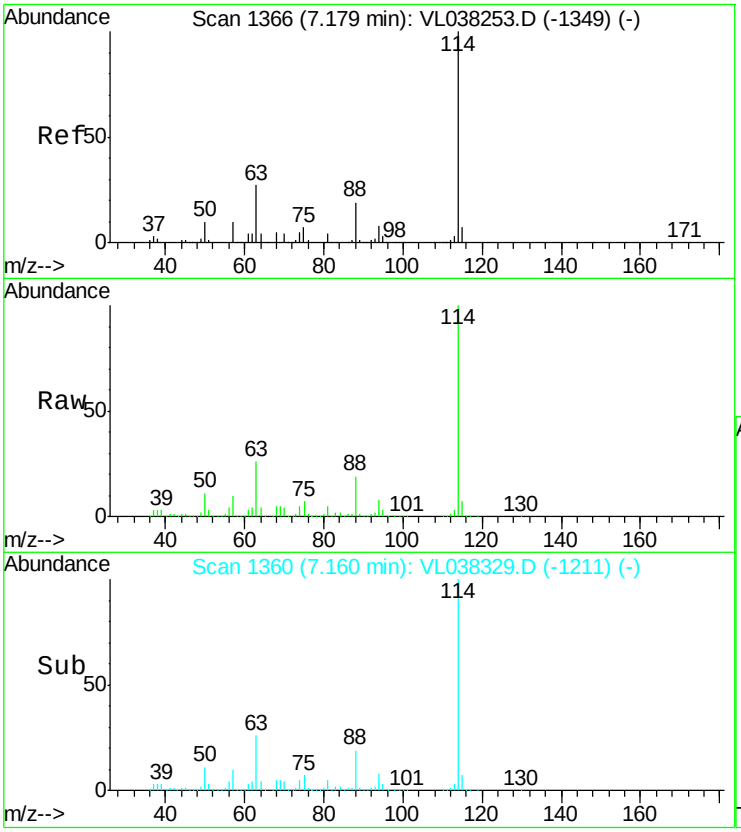


#32
1,1,1-Trichloroethane
Concen: 9.355 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 97 Resp: 1541426

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	49.4	40.5	60.7



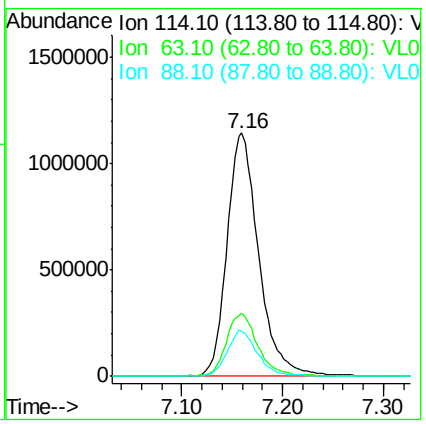


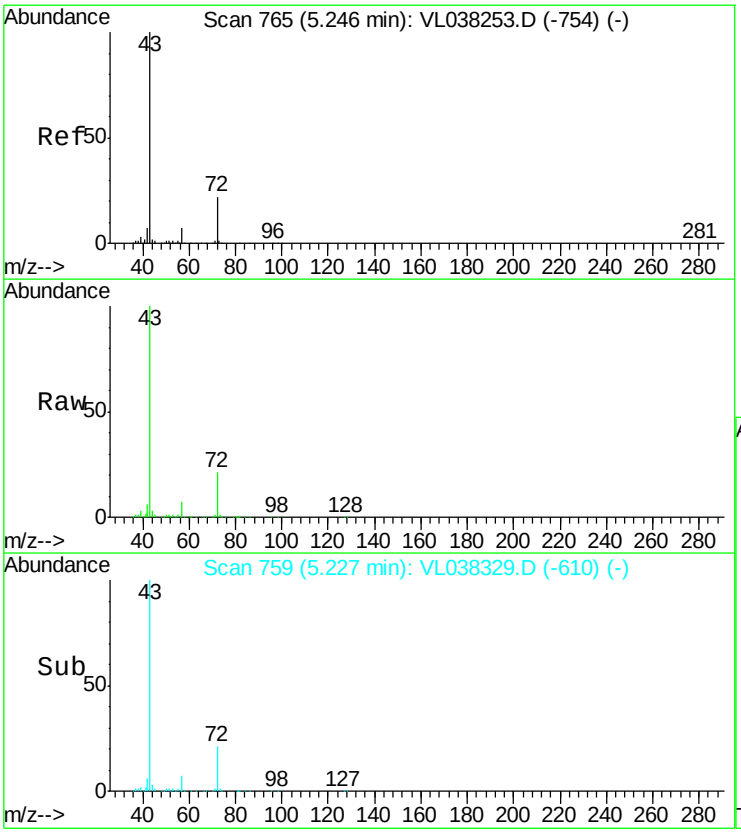
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:114 Resp: 2492465

Ion	Ratio	Lower	Upper
114	100		
63	26.4	22.0	33.0
88	18.4	15.0	22.6

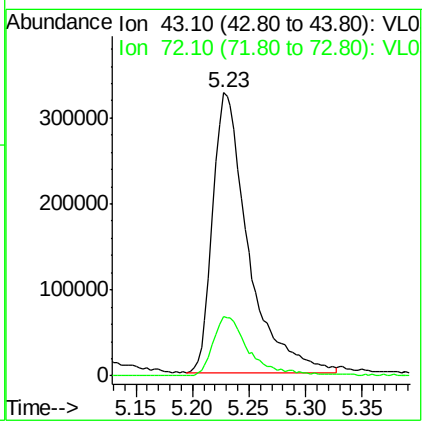


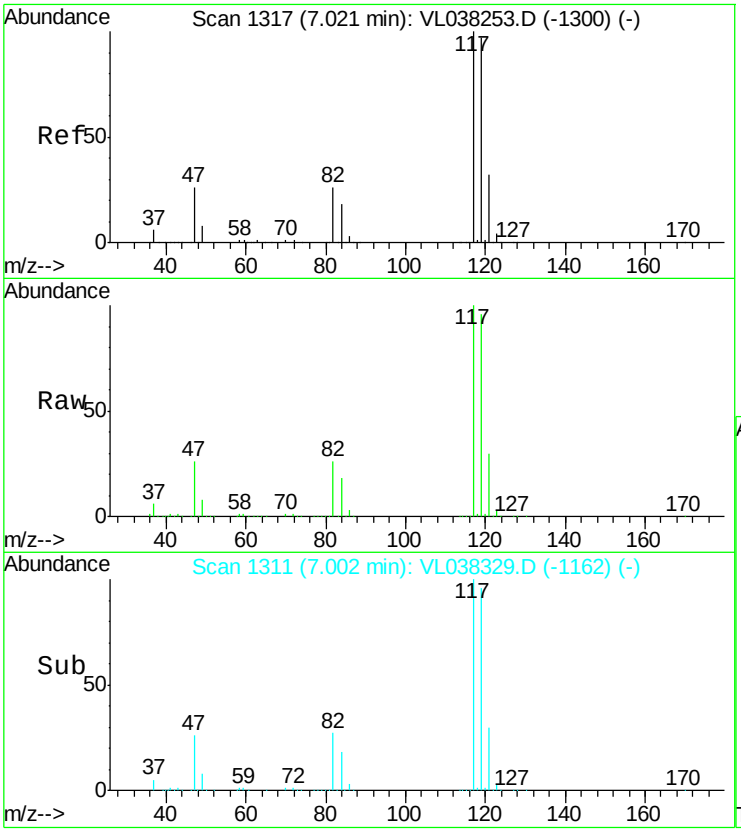


#34
2-Butanone
Concen: 8.757 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 43 Resp: 713737

Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.1	27.1



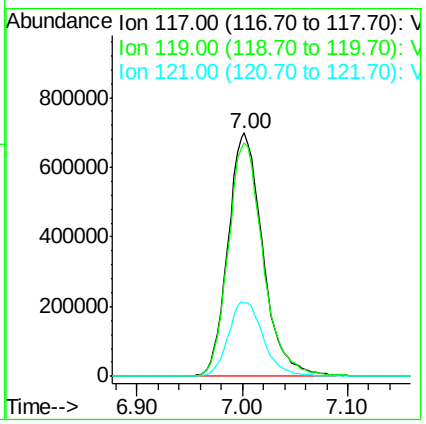


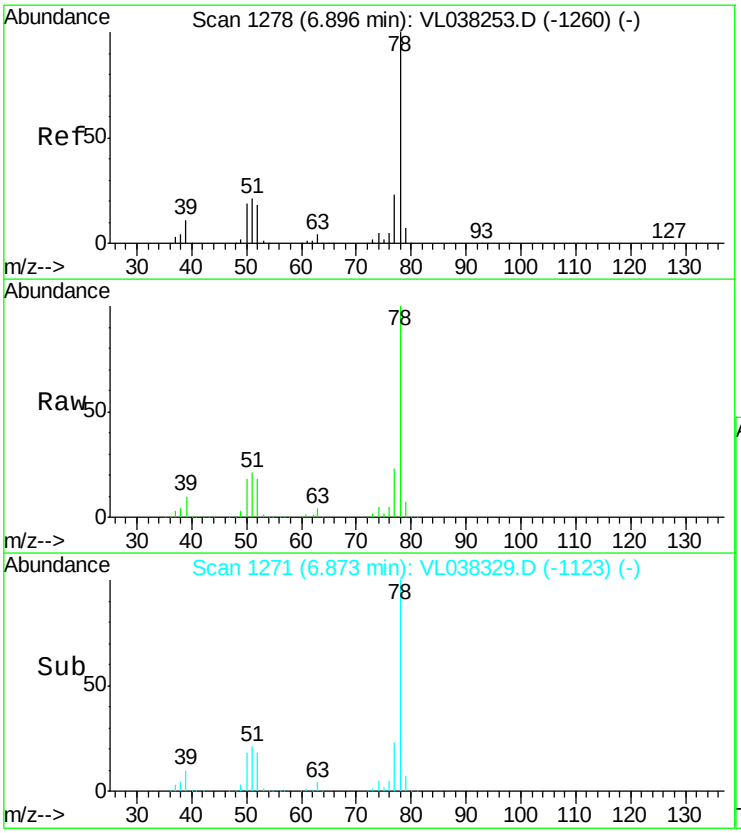
#35
Carbon Tetrachloride
Concen: 9.110 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:117 Resp: 1593892

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.9	116.9
121	30.3	25.4	38.2

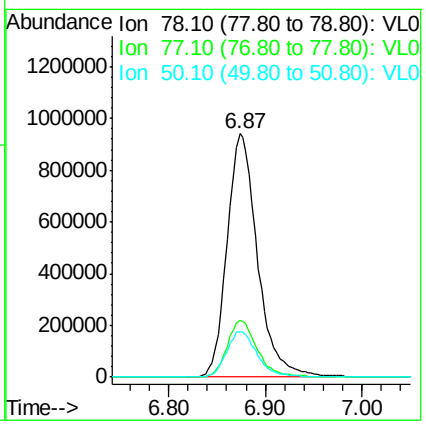


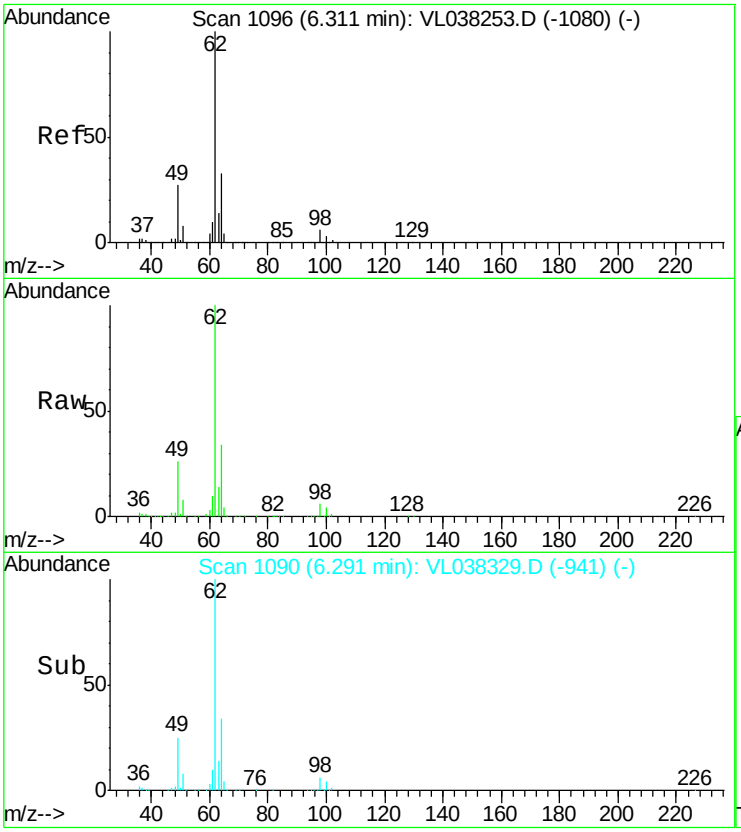


#36
Benzene
Concen: 9.313 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 78 Resp: 2053107

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2
50	18.5	15.1	22.7



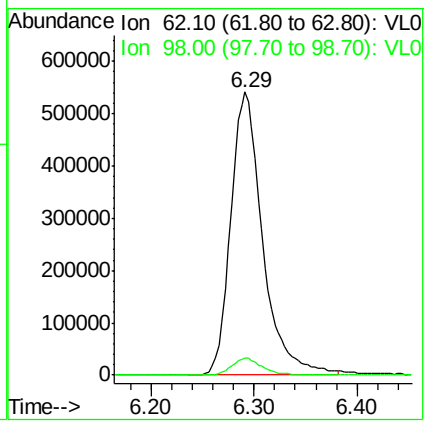


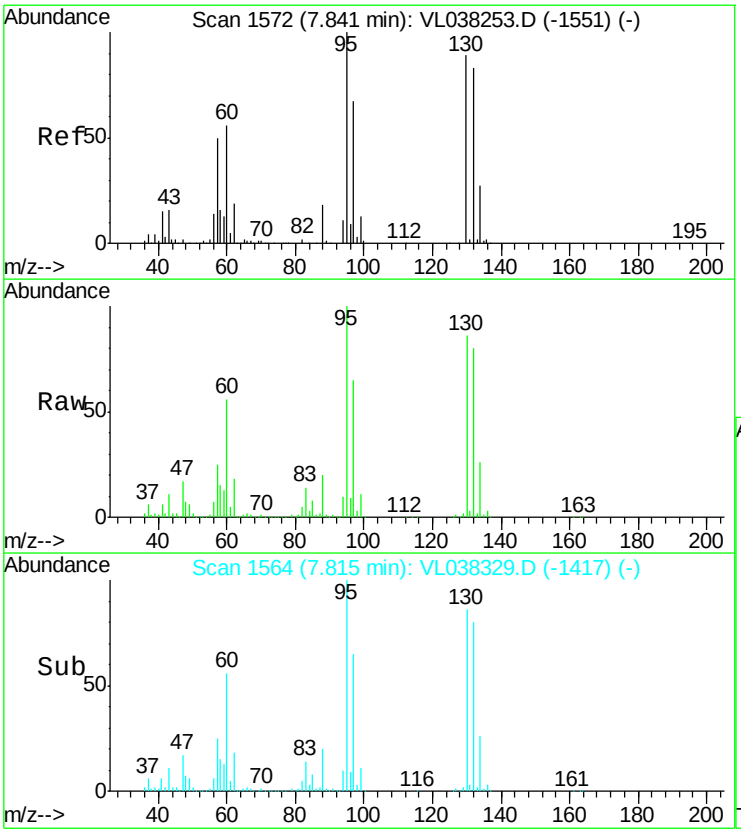
#37
1,2-Dichloroethane
Concen: 9.227 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 62 Resp: 1165243

Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.5	6.7

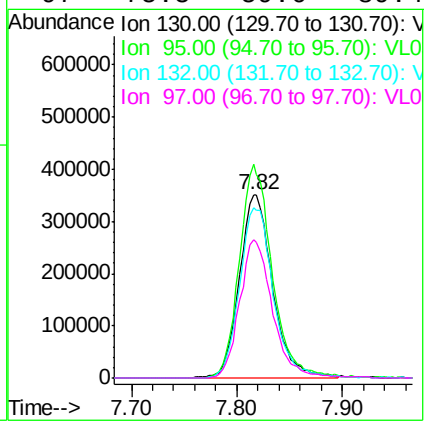


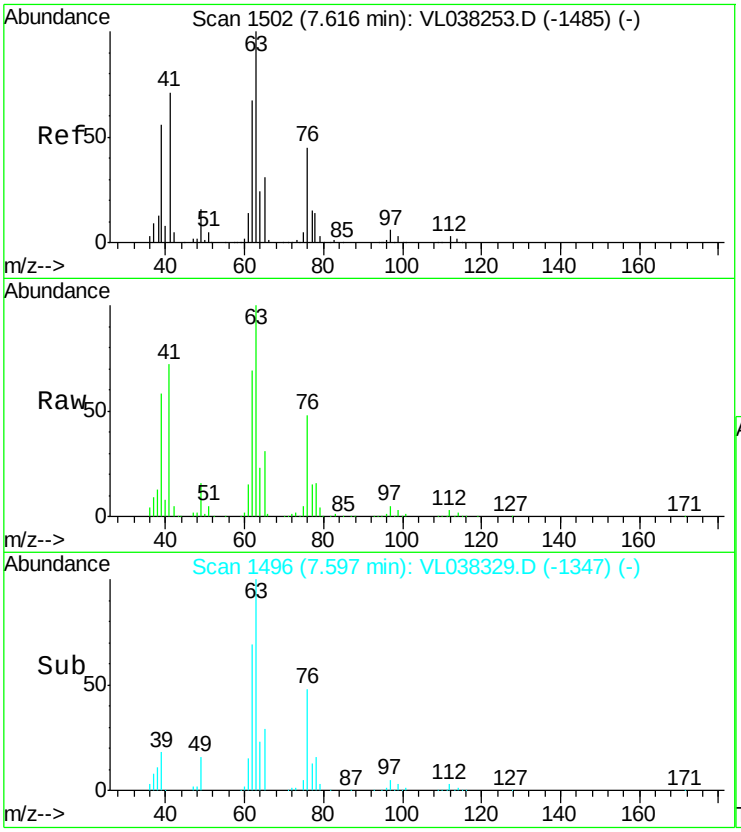


#38
Trichloroethene
Concen: 9.219 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.03 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:130 Resp: 757092

Ion	Ratio	Lower	Upper
130	100		
95	116.8	89.4	134.2
132	93.3	74.6	111.8
97	75.5	59.6	89.4



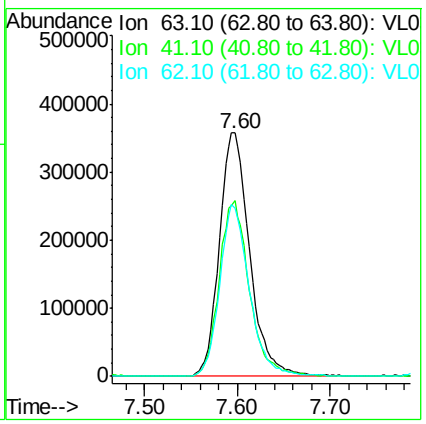


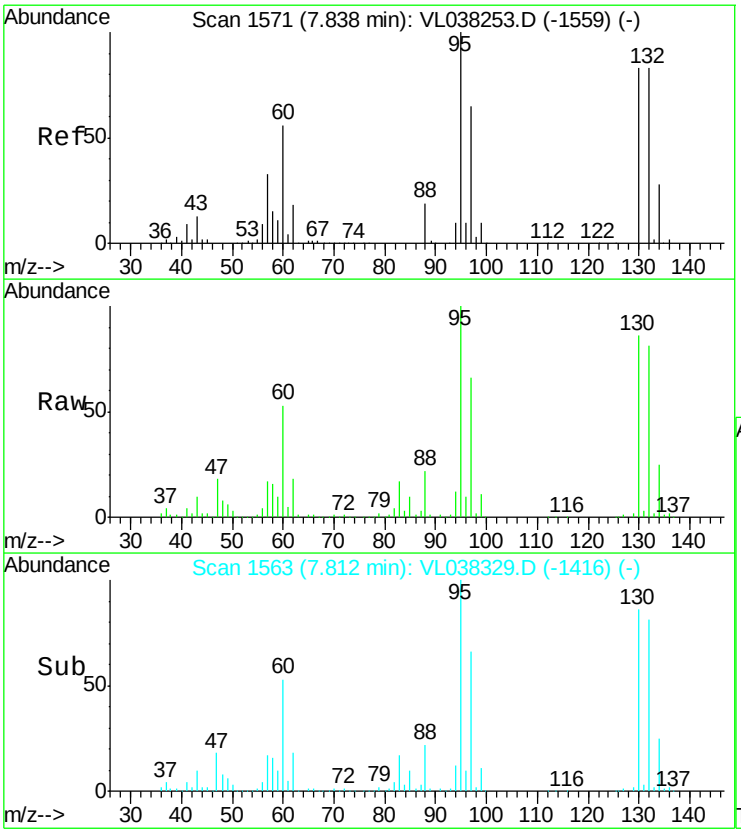
#39
1,2-Dichloropropane
Concen: 9.070 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 63 Resp: 810700

Ion	Ratio	Lower	Upper
63	100		
41	72.2	56.6	85.0
62	68.9	53.9	80.9

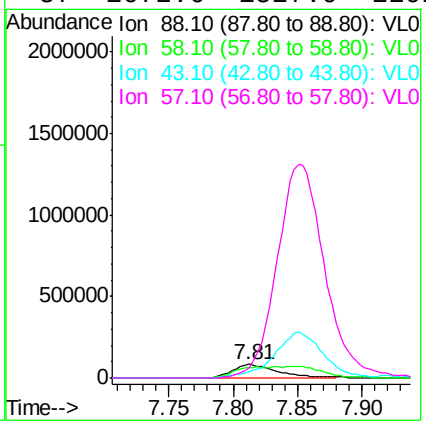


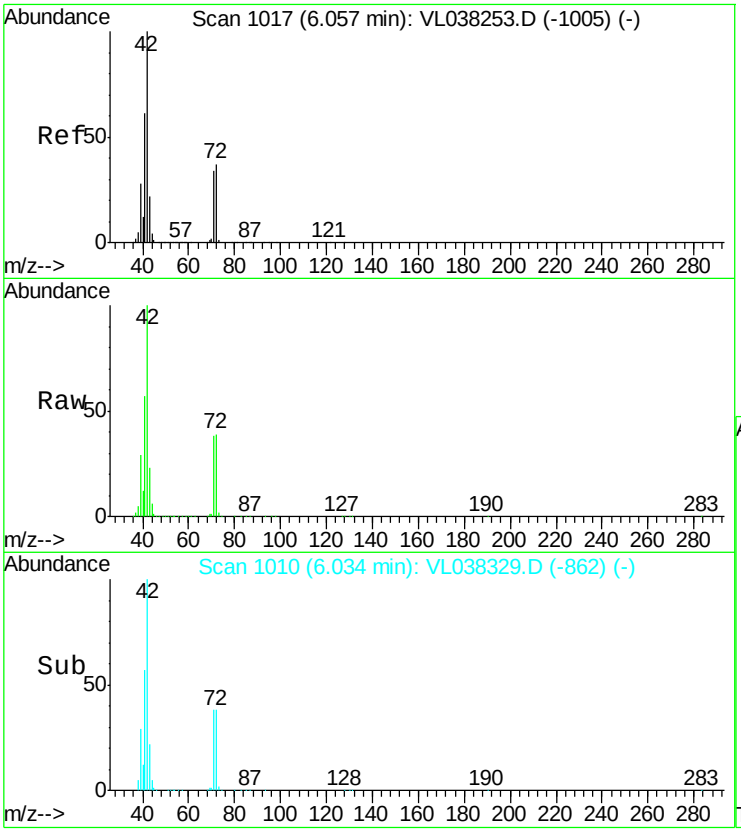


#40
1,4-Dioxane
Concen: 9.403 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.03 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 88 Resp: 202301

Ion	Ratio	Lower	Upper
88	100		
58	156.6	138.6	208.0
43	379.6	346.9	520.3
57	1672.6	1527.9	2291.9



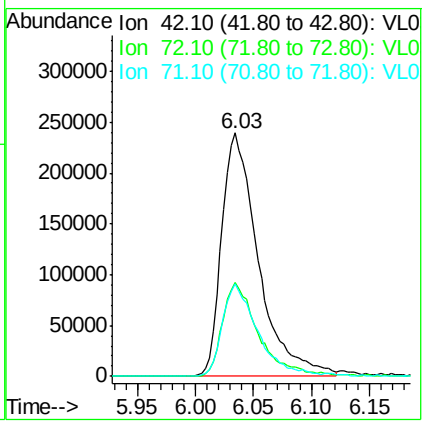


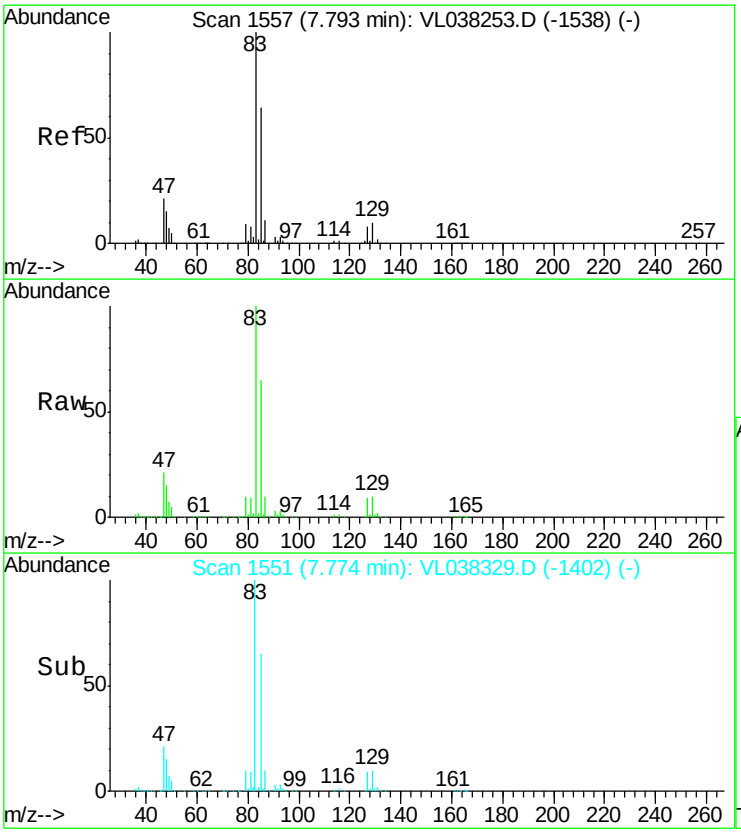
#41
Tetrahydrofuran
Concen: 9.609 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 42 Resp: 526518

Ion	Ratio	Lower	Upper
42	100		
72	38.0	29.7	44.5
71	37.2	29.4	44.2

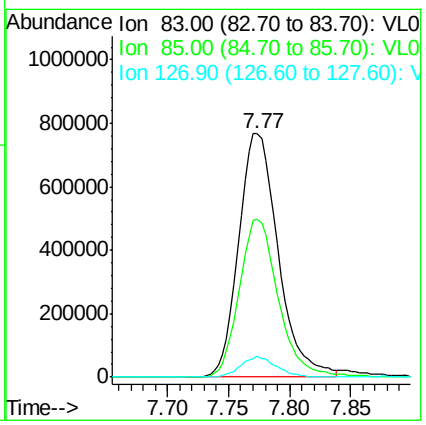


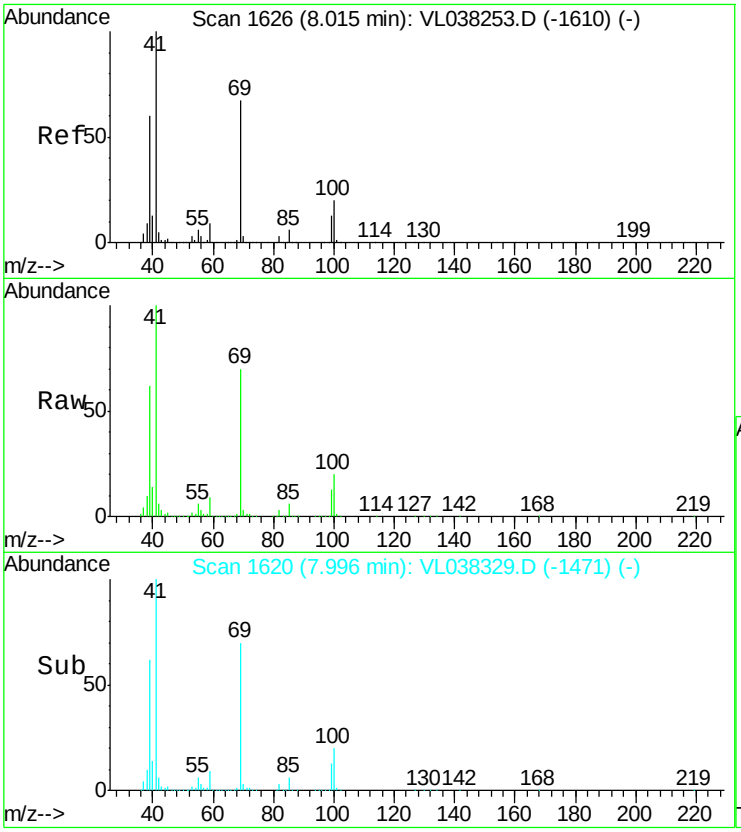


#42
Bromodichloromethane
Concen: 9.178 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 83 Resp: 1719532

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3
127	8.5	6.2	9.4



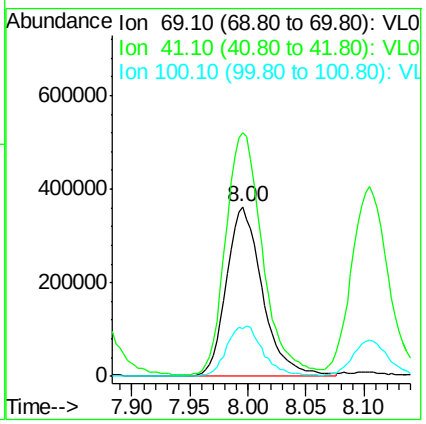


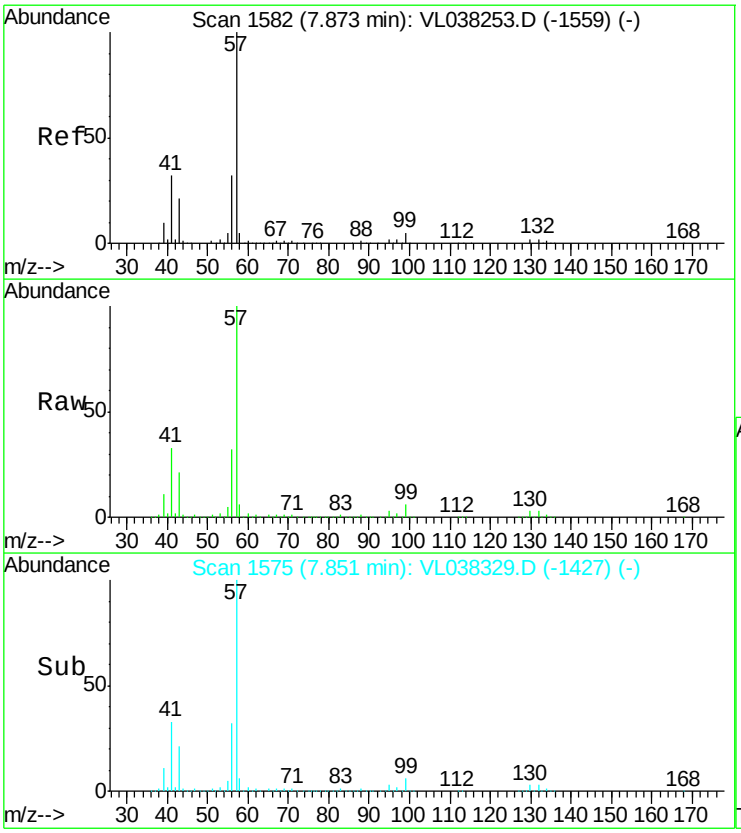
#43
Methyl Methacrylate
Concen: 9.952 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 69 Resp: 776048

Ion	Ratio	Lower	Upper
69	100		
41	148.4	120.9	181.3
100	30.5	23.4	35.0

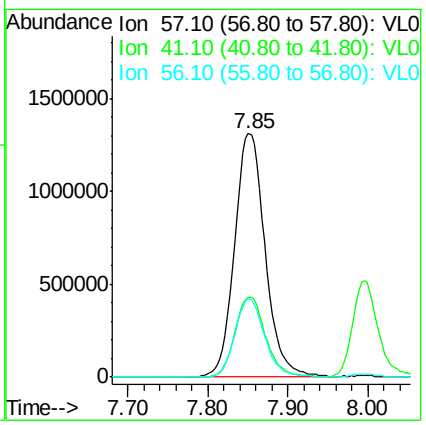


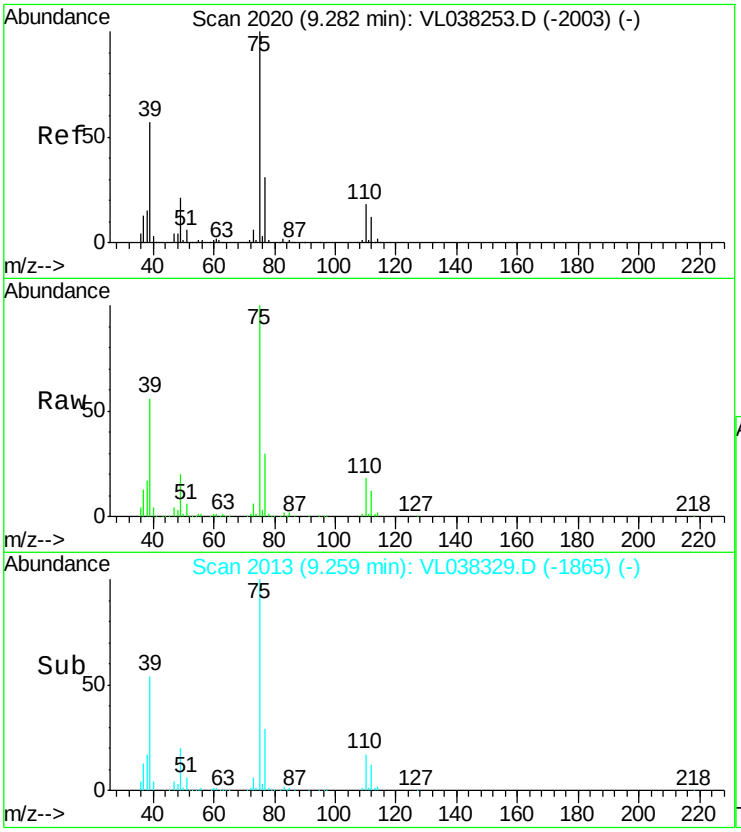


#44
2,2,4-Trimethylpentane
Concen: 8.706 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 57 Resp: 3382758

Ion	Ratio	Lower	Upper
57	100		
41	32.9	26.3	39.5
56	31.3	25.2	37.8



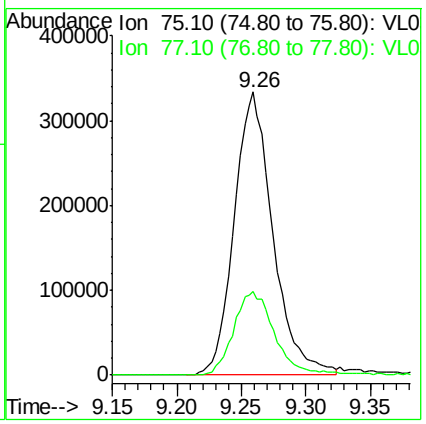


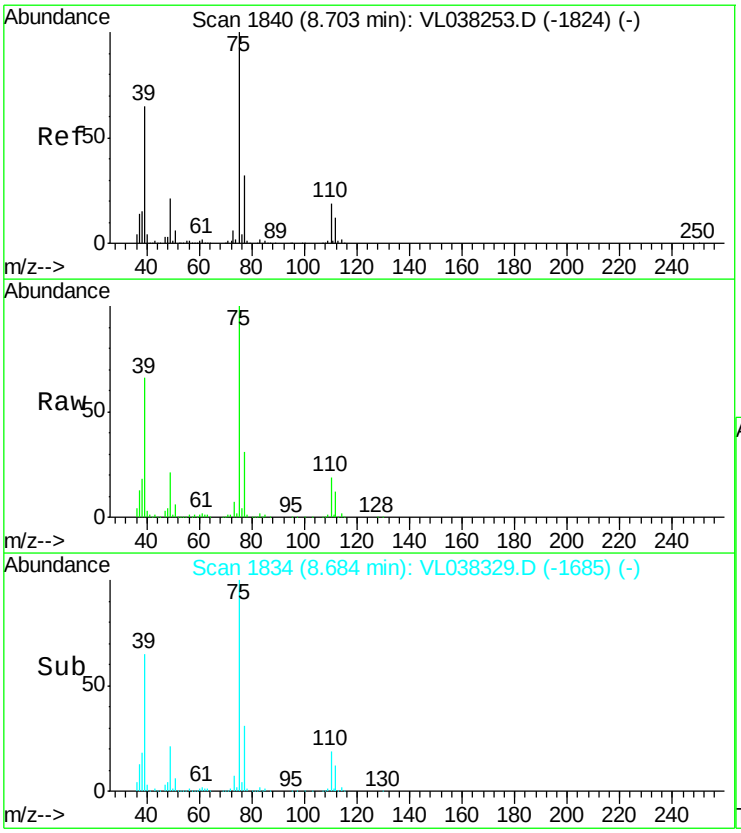
#45
t-1,3-Dichloropropene
Concen: 10.934 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 75 Resp: 692767

Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.9	37.3

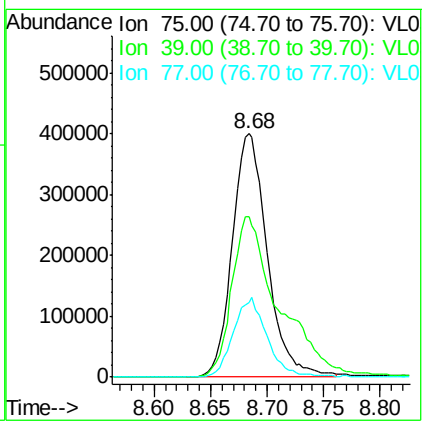


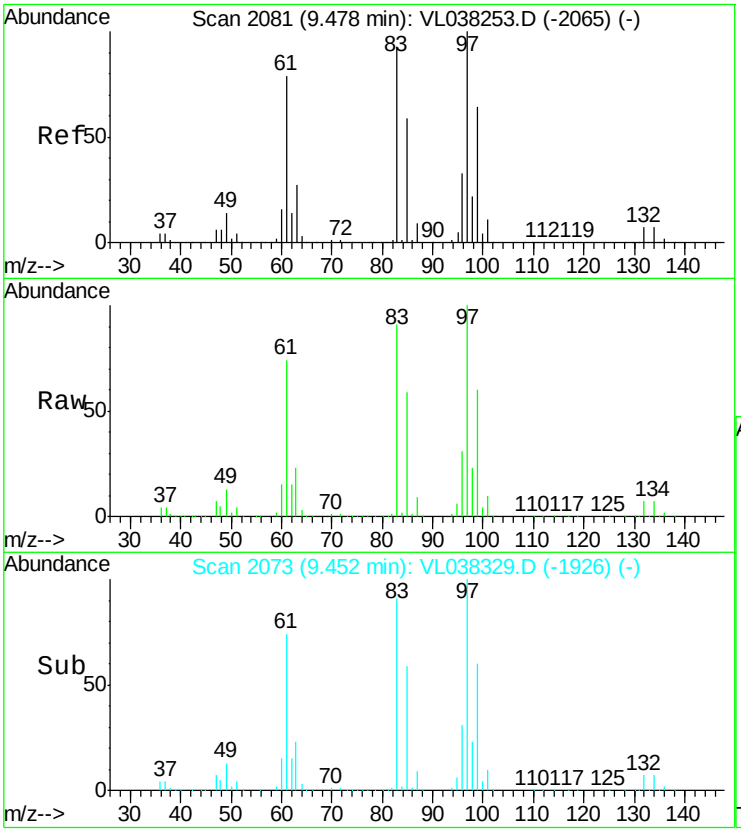


#46
cis-1,3-Dichloropropene
Concen: 10.216 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 75 Resp: 863610

Ion	Ratio	Lower	Upper
75	100		
39	65.6	52.3	78.5
77	30.9	25.4	38.0



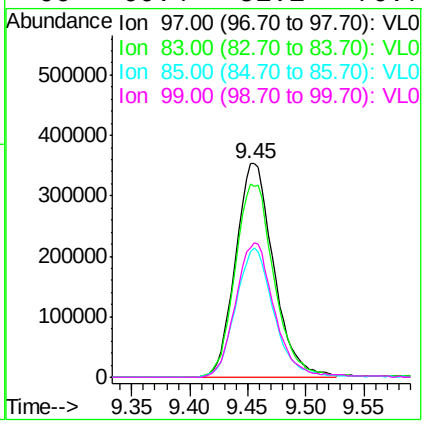


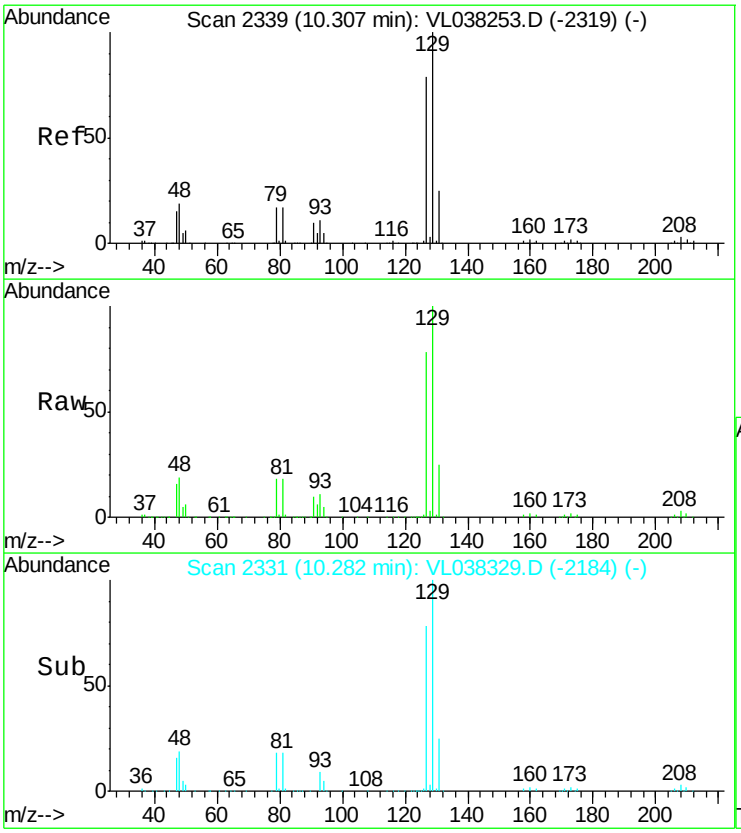
#47
1,1,2-Trichloroethane
Concen: 9.228 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 97 Resp: 810478

Ion	Ratio	Lower	Upper
97	100		
83	90.6	74.3	111.5
85	58.5	47.5	71.3
99	60.4	51.1	76.7

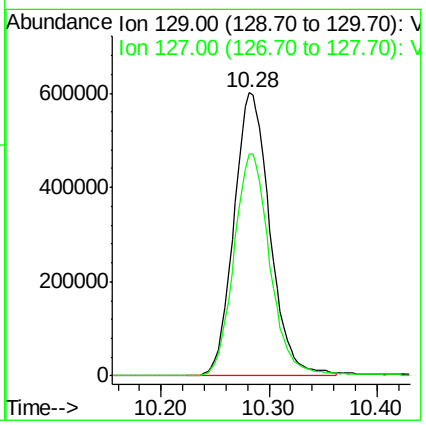


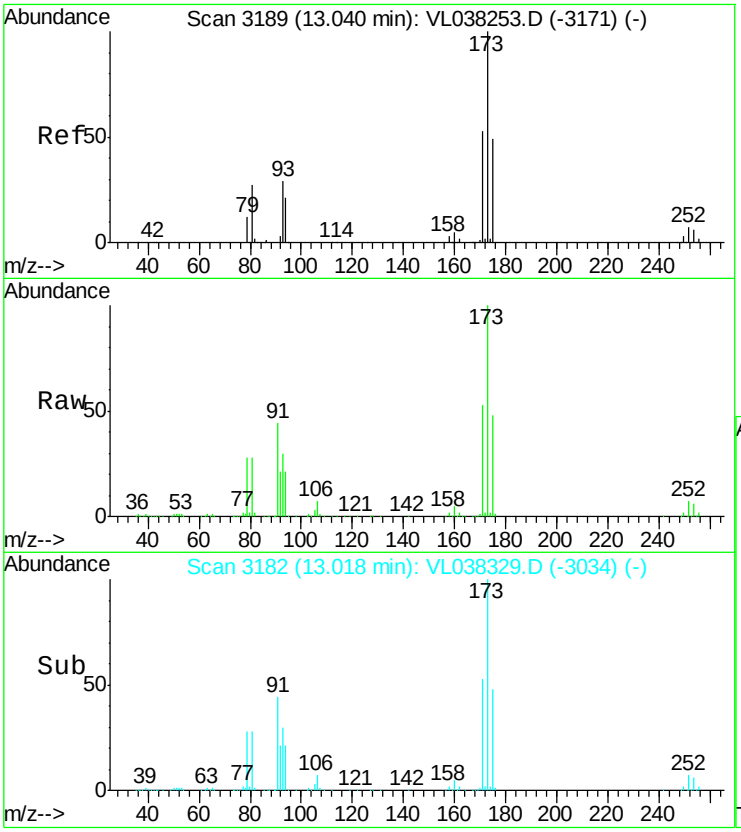


#48
Dibromochloromethane
Concen: 9.453 ppbv
RT: 10.28 min Scan# 2331
Delta R.T. -0.03 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:129 Resp: 1397681

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.3



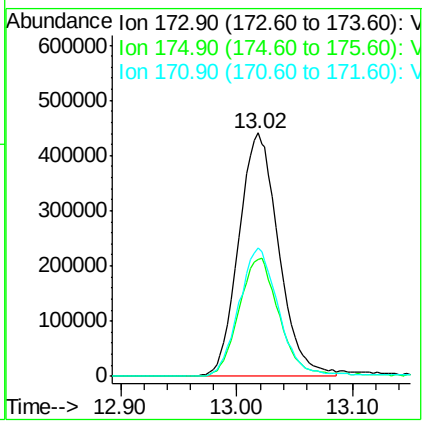


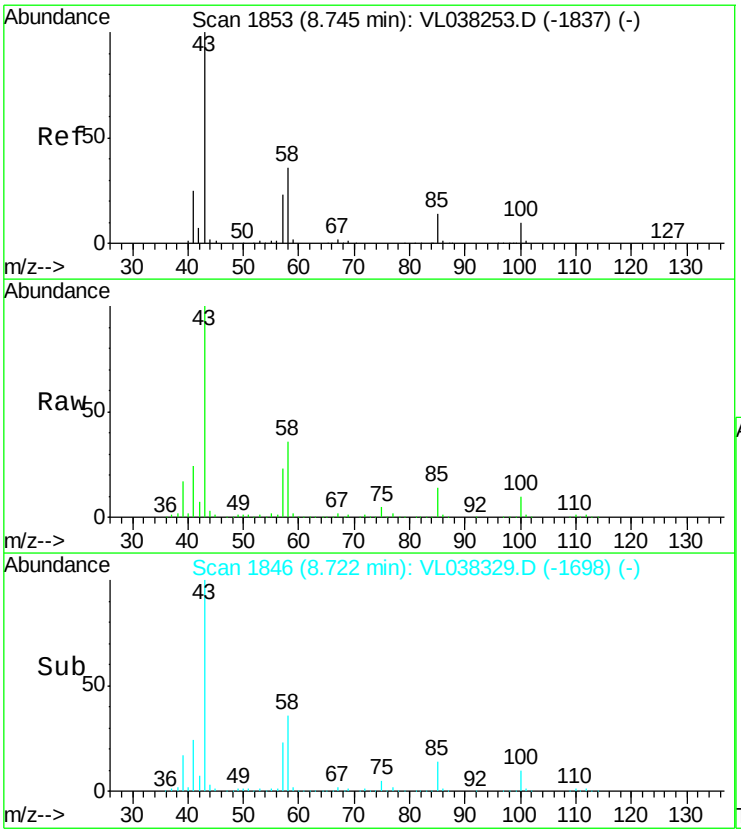
#49
Bromoform
Concen: 9.919 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:173 Resp: 1057374

Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.7	59.5
171	53.5	42.1	63.1

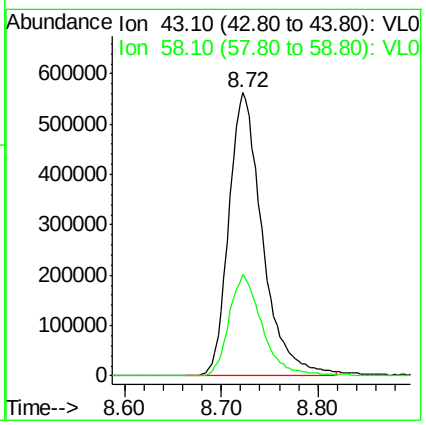


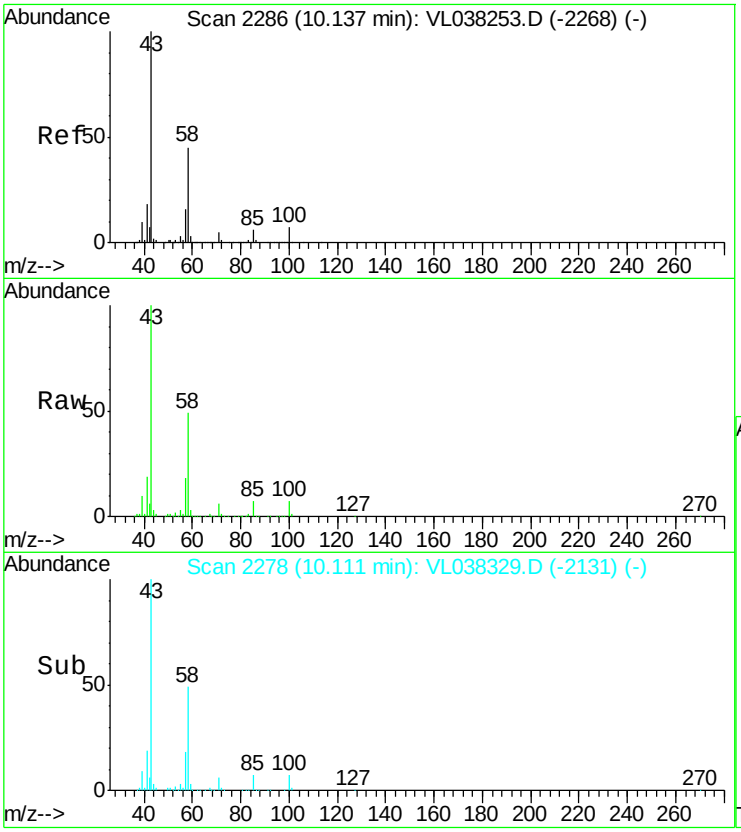


#50
4-Methyl-2-Pentanone
Concen: 9.362 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 43 Resp: 1361325

Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.2	42.4



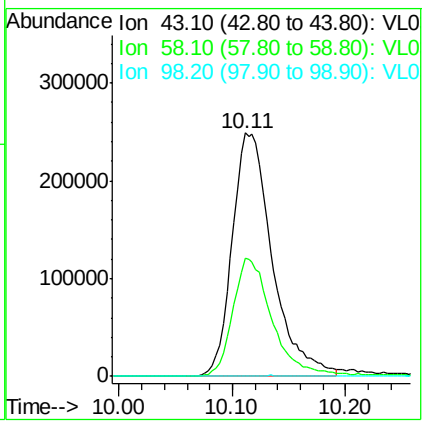


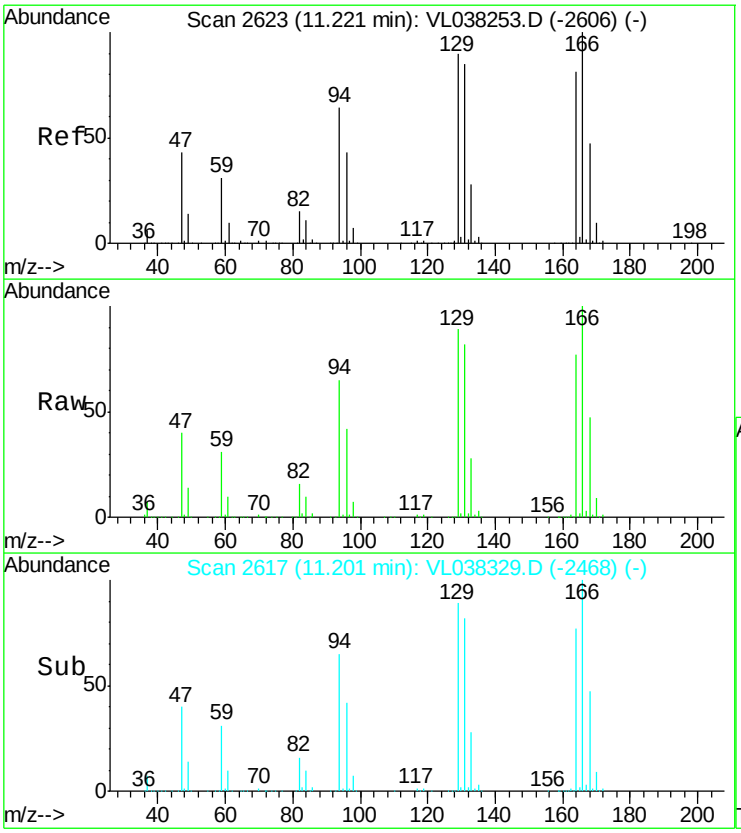
#51
2-Hexanone
Concen: 9.593 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 43 Resp: 614312

Ion	Ratio	Lower	Upper
43	100		
58	48.6	37.0	55.4
98	0.3	0.2	0.2#

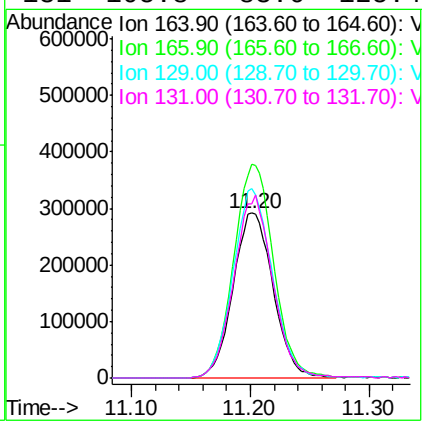


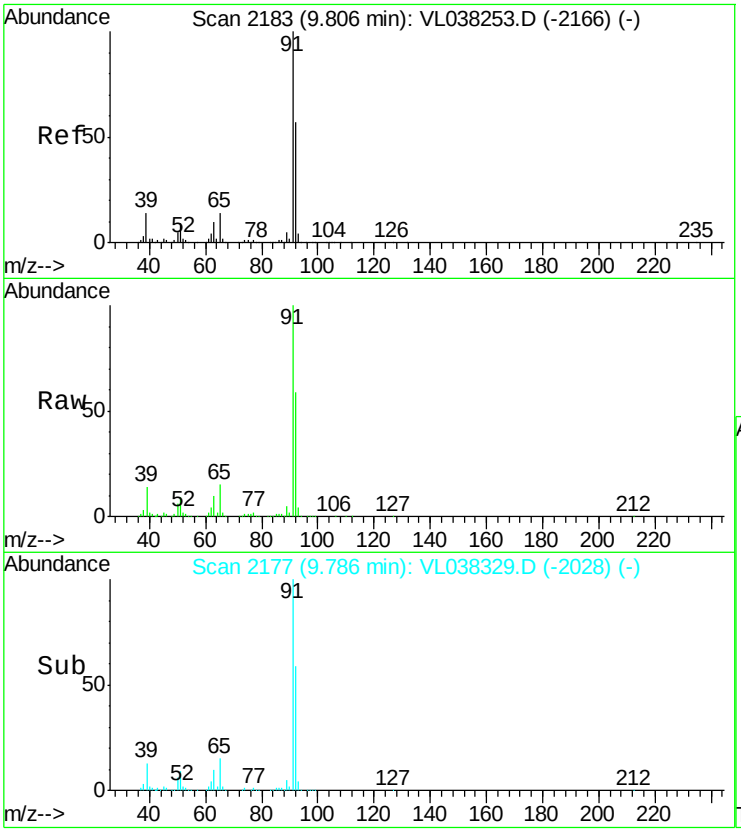


#52
Tetrachloroethene
Concen: 8.936 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:164 Resp: 678963

Ion	Ratio	Lower	Upper
164	100		
166	129.6	98.8	148.2
129	114.8	89.2	133.8
131	105.8	83.6	125.4



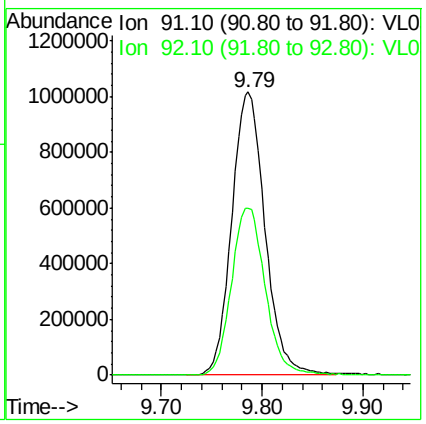


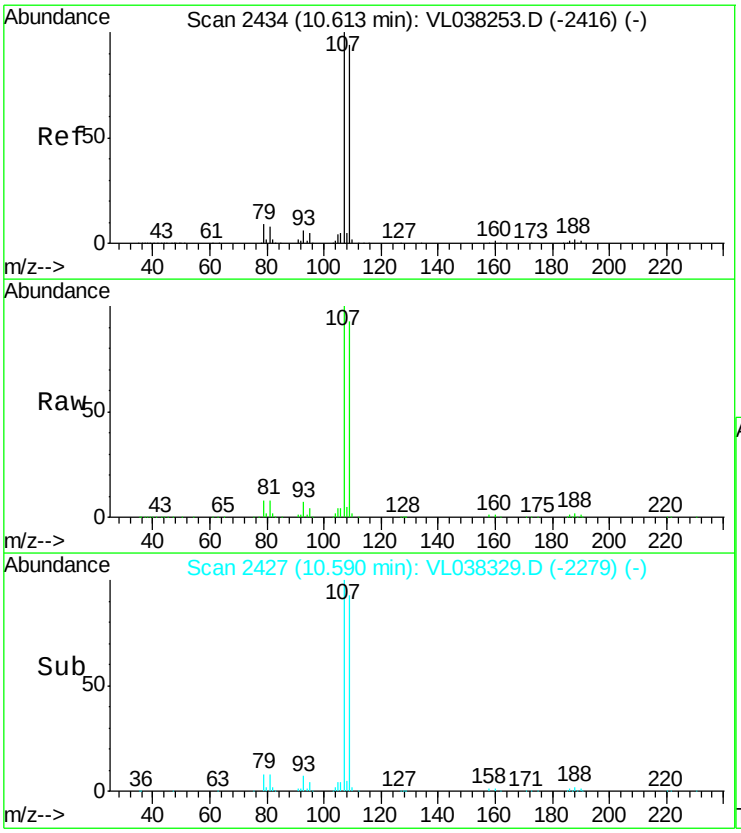
#53
Toluene
Concen: 9.530 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 91 Resp: 2325577

Ion	Ratio	Lower	Upper
91	100		
92	60.5	47.4	71.0

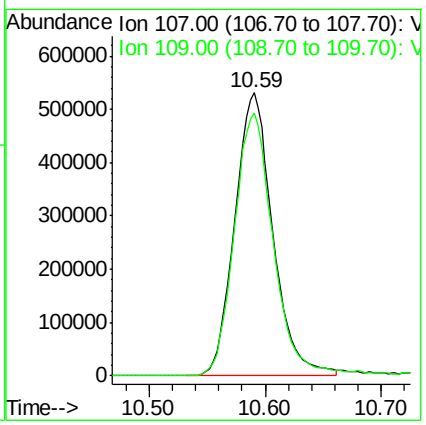


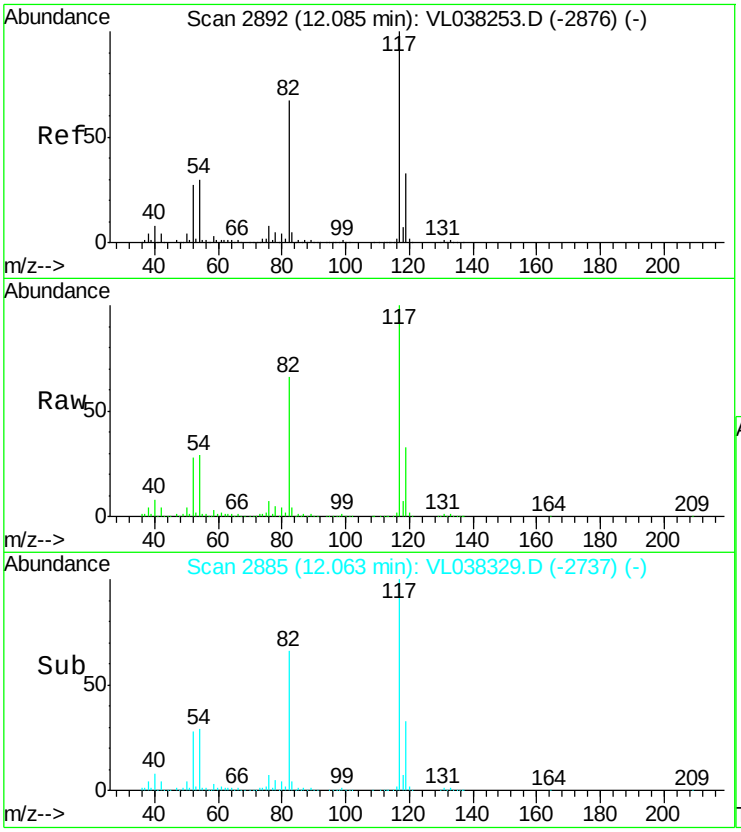


#54
1,2-Dibromoethane
Concen: 9.696 ppbv
RT: 10.59 min Scan# 2427
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:107 Resp: 1210737

Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.4	113.0



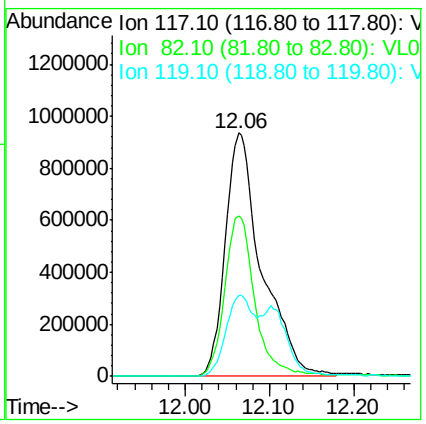


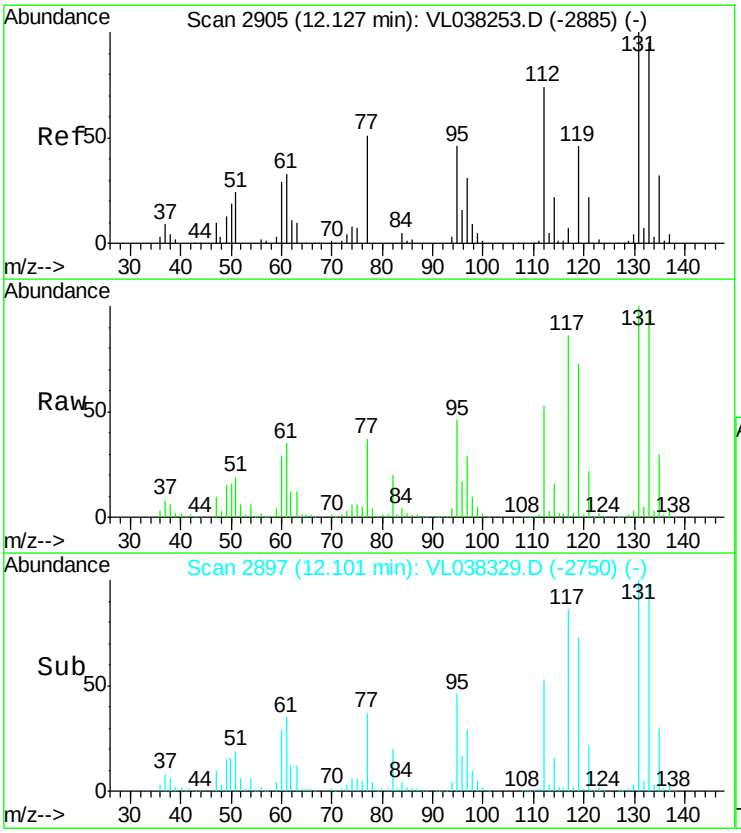
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:117 Resp: 2812364

Ion	Ratio	Lower	Upper
117	100		
82	55.9	54.4	81.6
119	25.2	45.9	68.9#

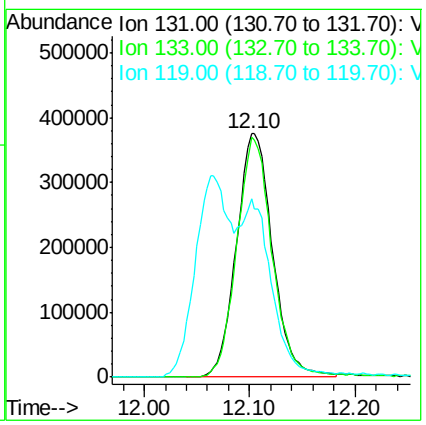


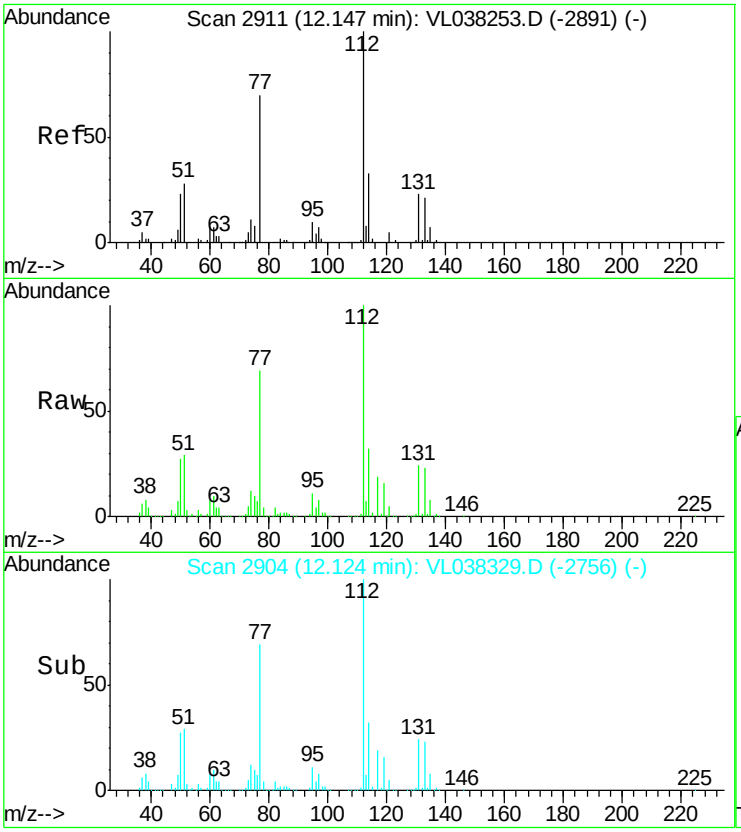


#56
1,1,1,2-Tetrachloroethane
Concen: 7.271 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.03 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:131 Resp: 895079

Ion	Ratio	Lower	Upper
131	100		
133	97.7	76.0	114.0
119	61.8	53.0	79.4



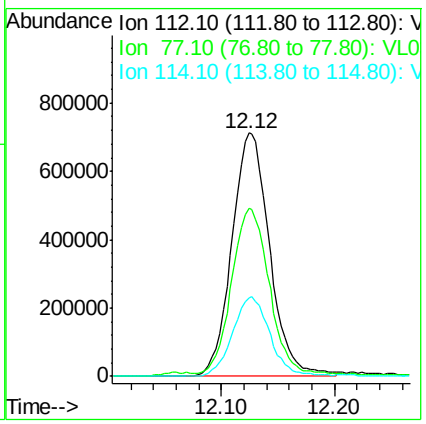


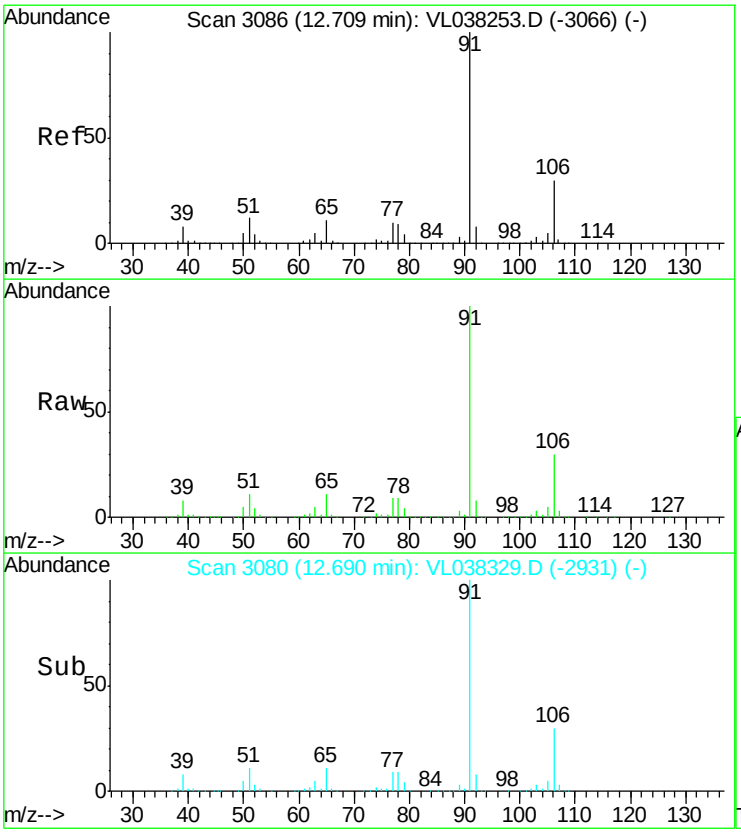
#57
Chlorobenzene
Concen: 7.343 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:112 Resp: 1652516

Ion	Ratio	Lower	Upper
112	100		
77	67.7	55.9	83.9
114	32.2	29.3	35.9

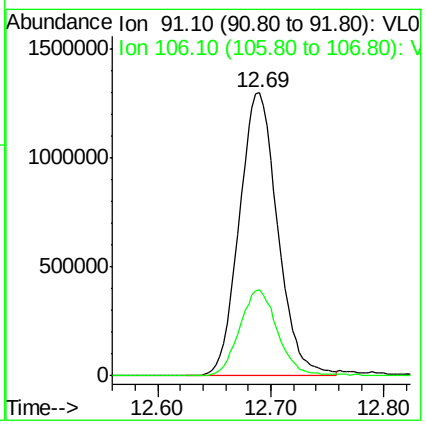


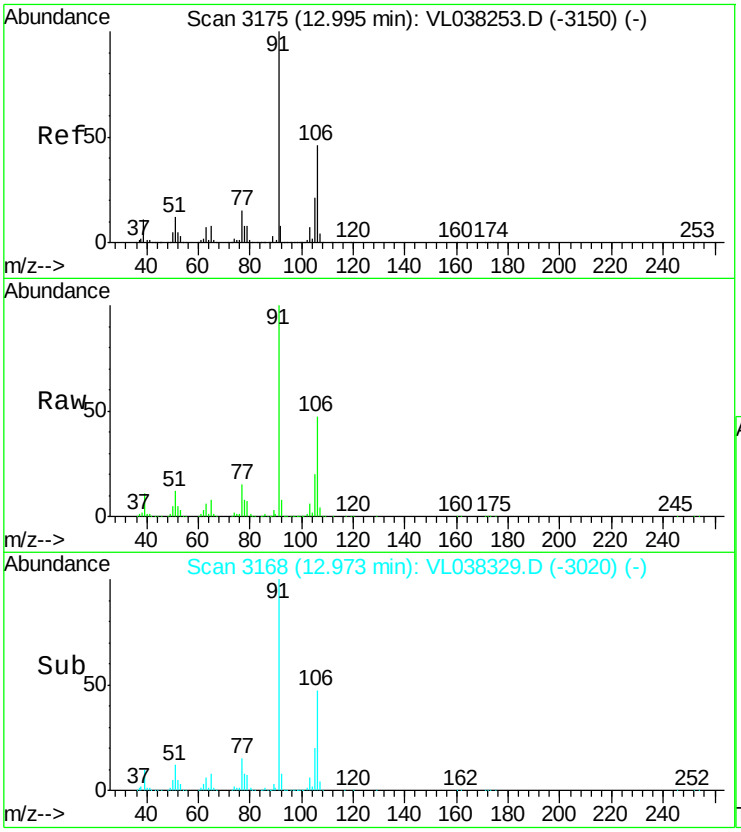


#58
Ethyl Benzene
Concen: 7.415 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 91 Resp: 3064637

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.1	36.1



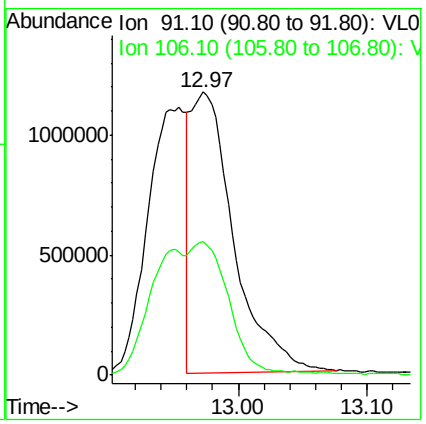


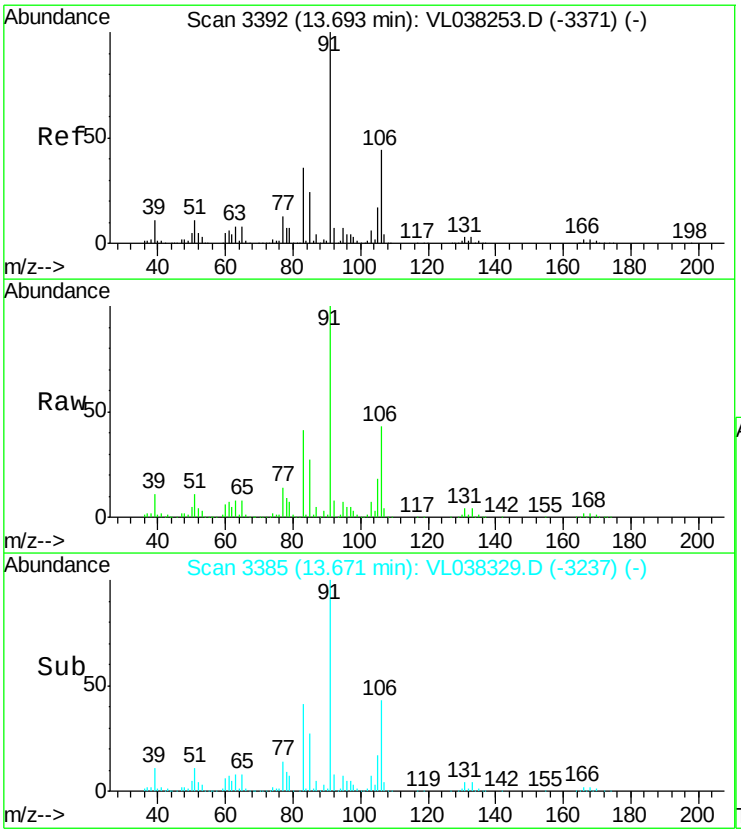
#59
m/p-Xylene
Concen: 7.610 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 91 Resp: 2683539

Ion	Ratio	Lower	Upper
91	100		
106	84.3	34.8	52.2#

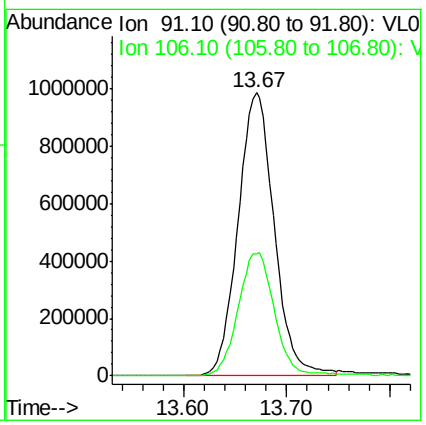


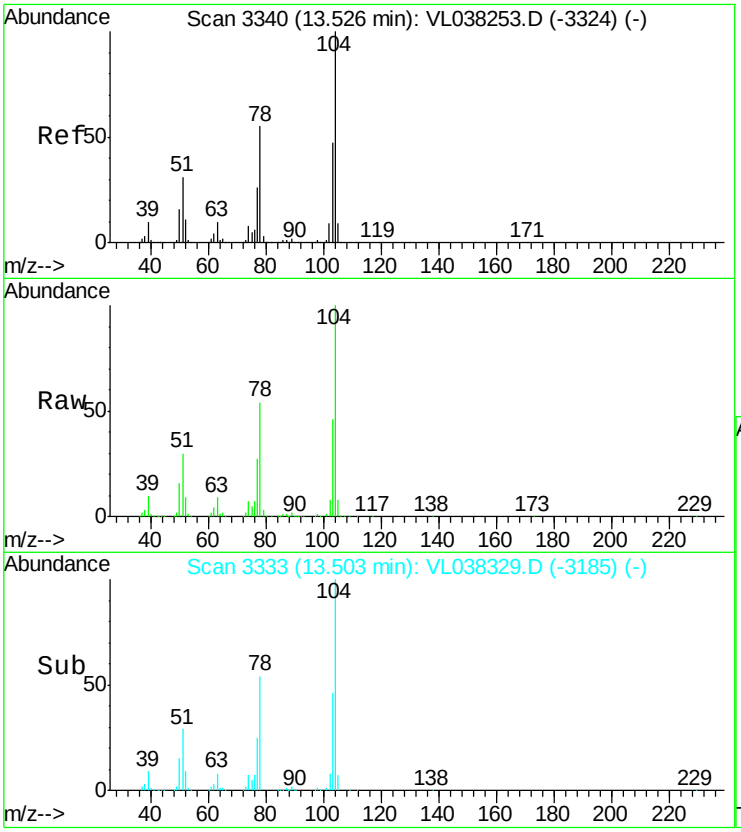


#60
o-Xylene
Concen: 7.324 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 91 Resp: 2402121

Ion	Ratio	Lower	Upper
91	100		
106	44.5	22.2	66.6



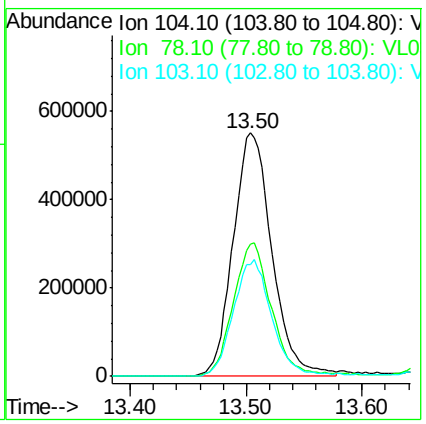


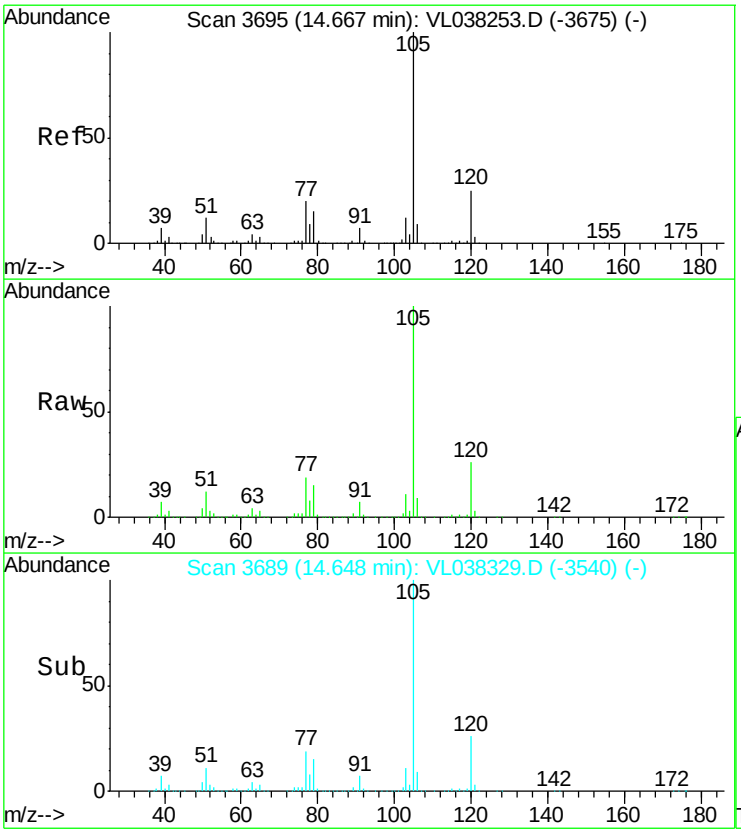
#61
Styrene
Concen: 8.376 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:104 Resp: 1282100

Ion	Ratio	Lower	Upper
104	100		
78	54.7	44.2	66.4
103	48.1	38.2	57.4

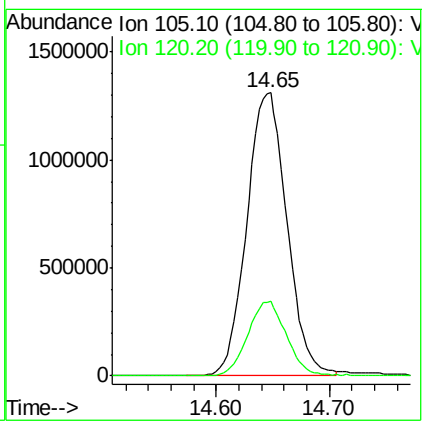


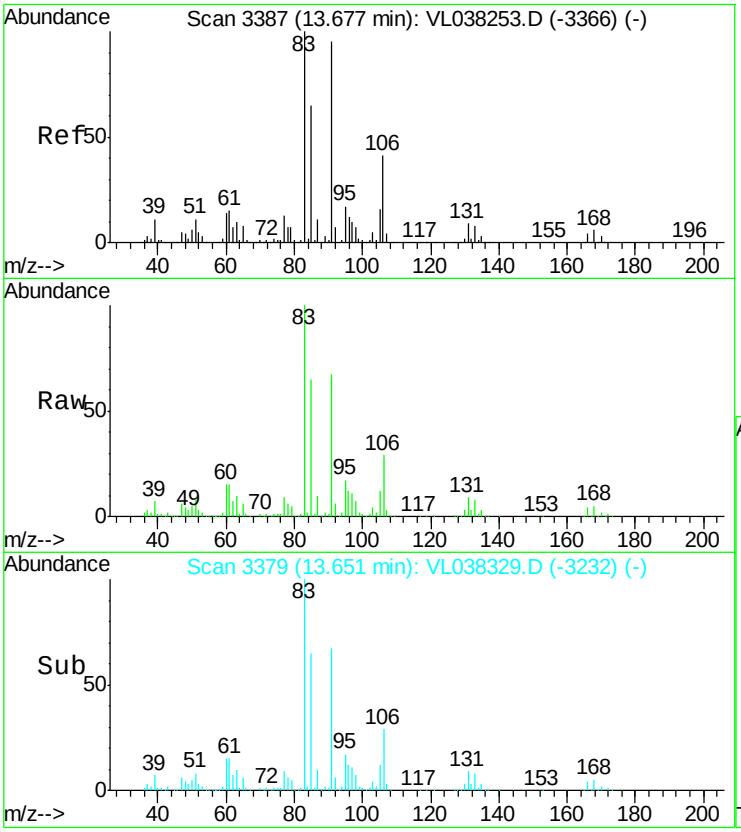


#62
Isopropylbenzene
Concen: 7.374 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:105 Resp: 3224348

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.5	30.7



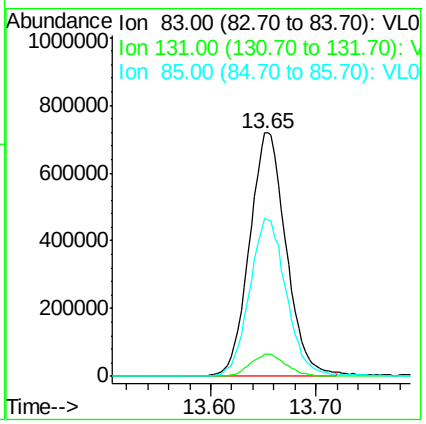


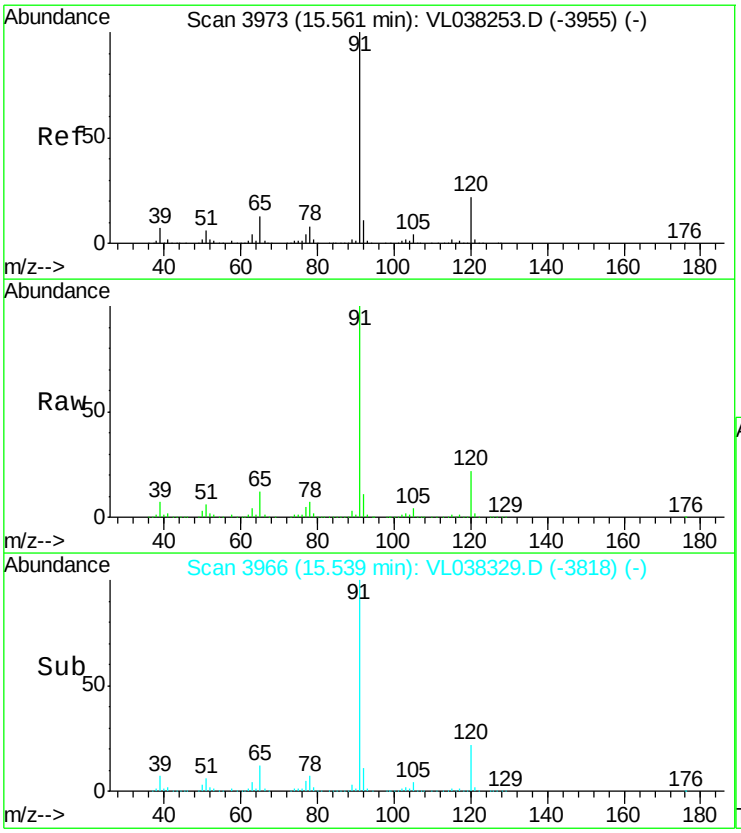
#63
1,1,2,2-Tetrachloroethane
Concen: 7.136 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 83 Resp: 1731731

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.5
85	66.0	32.8	98.4

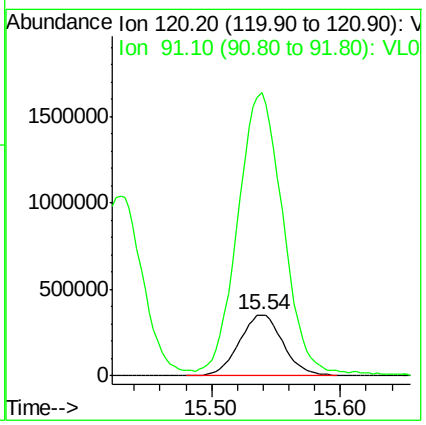


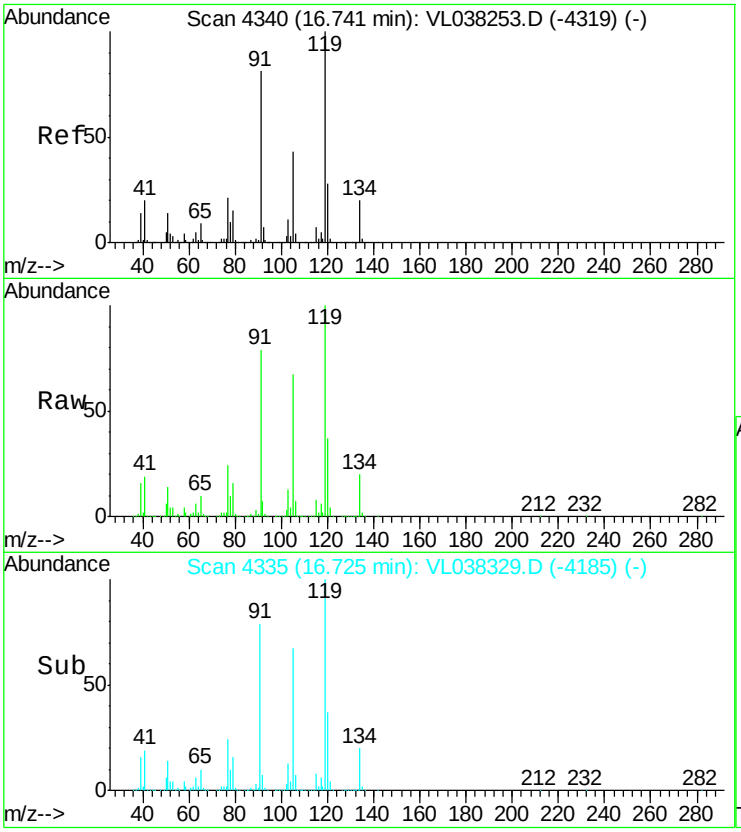


#64
n-propylbenzene
Concen: 7.941 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:120 Resp: 835217

Ion	Ratio	Lower	Upper
120	100		
91	483.9	390.8	586.2



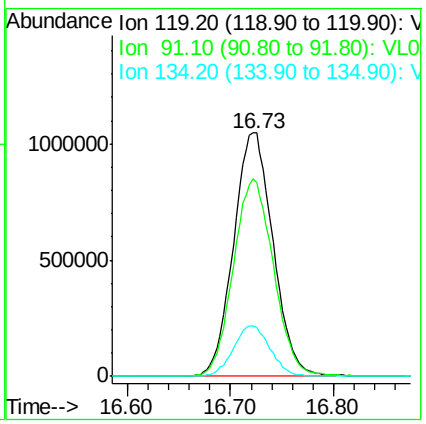


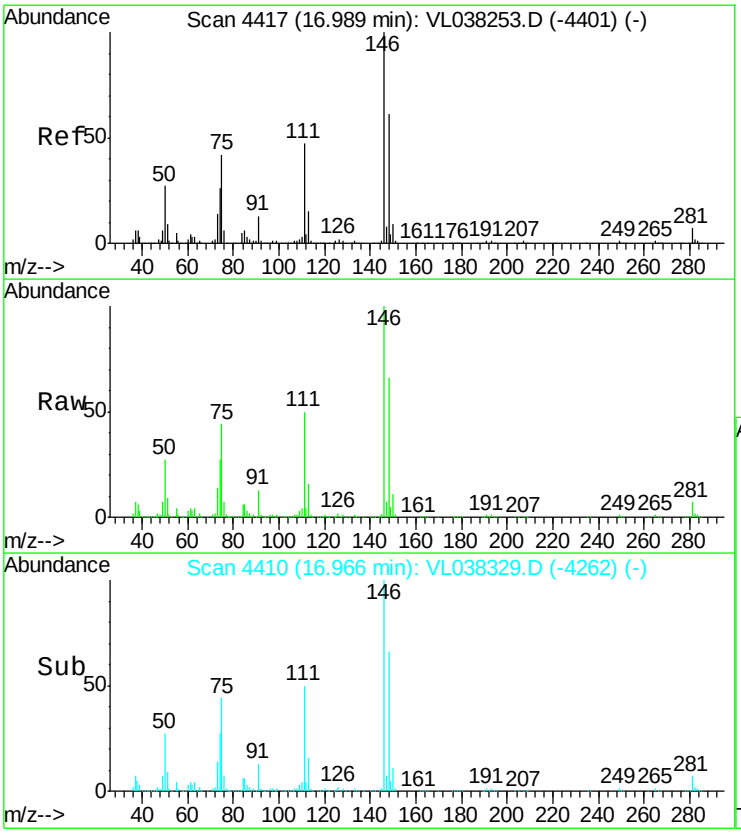
#65
tert-Butylbenzene
Concen: 7.744 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:119 Resp: 2788839

Ion	Ratio	Lower	Upper
119	100		
91	82.6	66.6	100.0
134	19.5	15.8	23.6

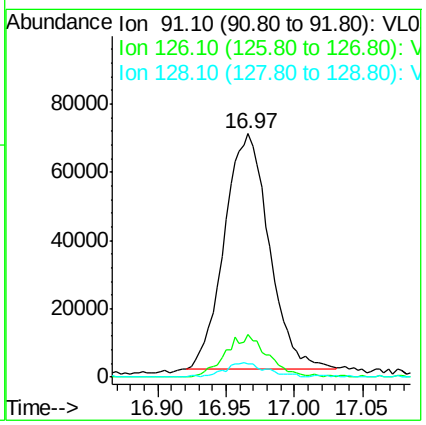


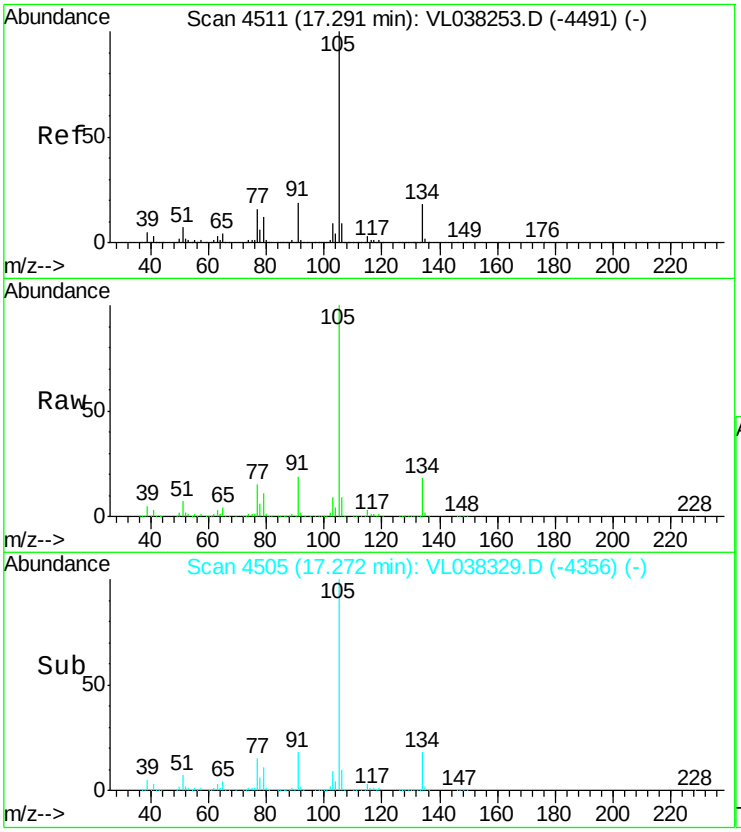


#66
Benzyl Chloride
Concen: 9.666 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 91 Resp: 158122

Ion	Ratio	Lower	Upper
91	100		
126	17.5	12.6	18.8
128	5.9	4.3	6.5



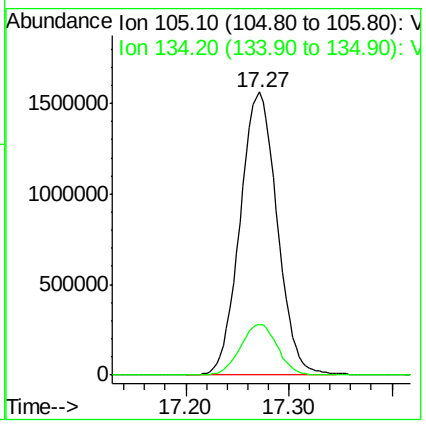


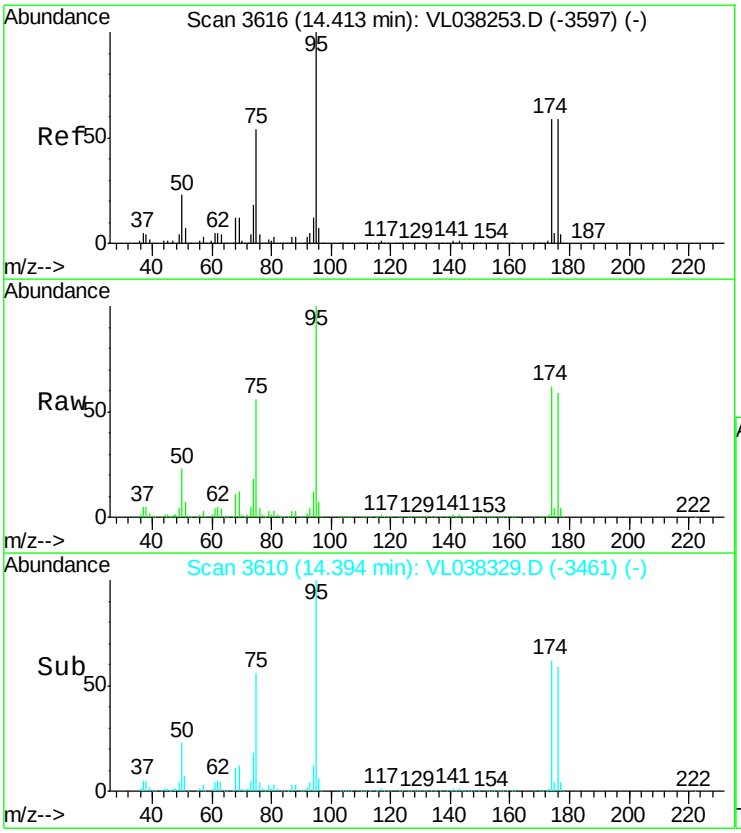
#67
sec-Butylbenzene
Concen: 7.780 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:105 Resp: 3897226

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.3	21.5

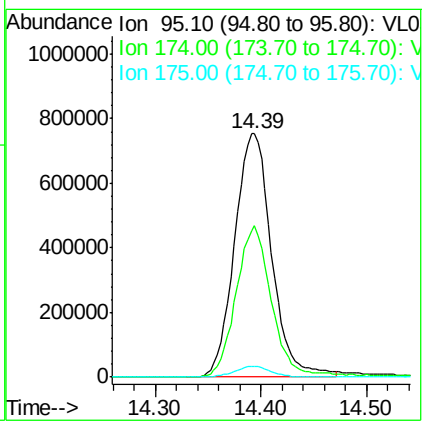


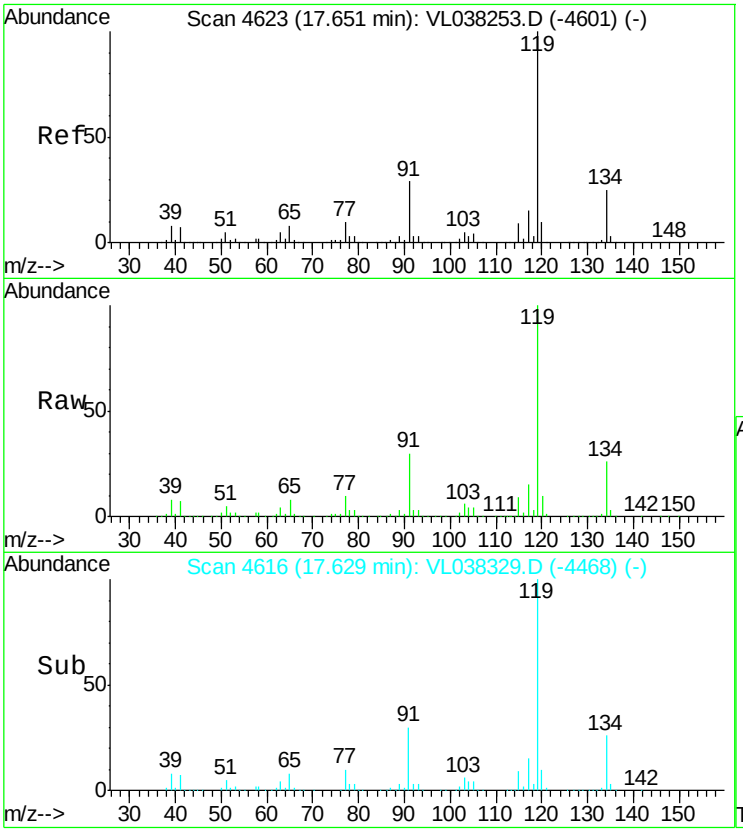


#68
1-Bromo-4-Fluorobenzene
Concen: 8.627 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 95 Resp: 1841484

Ion	Ratio	Lower	Upper
95	100		
174	60.8	48.3	72.5
175	4.5	3.5	5.3



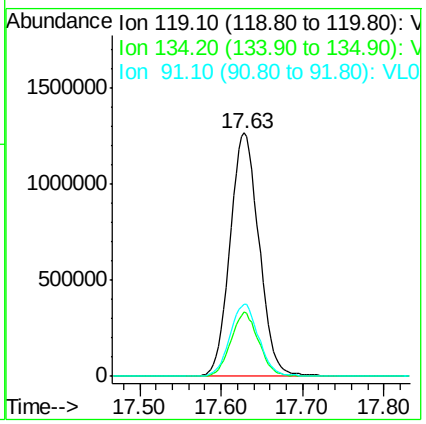


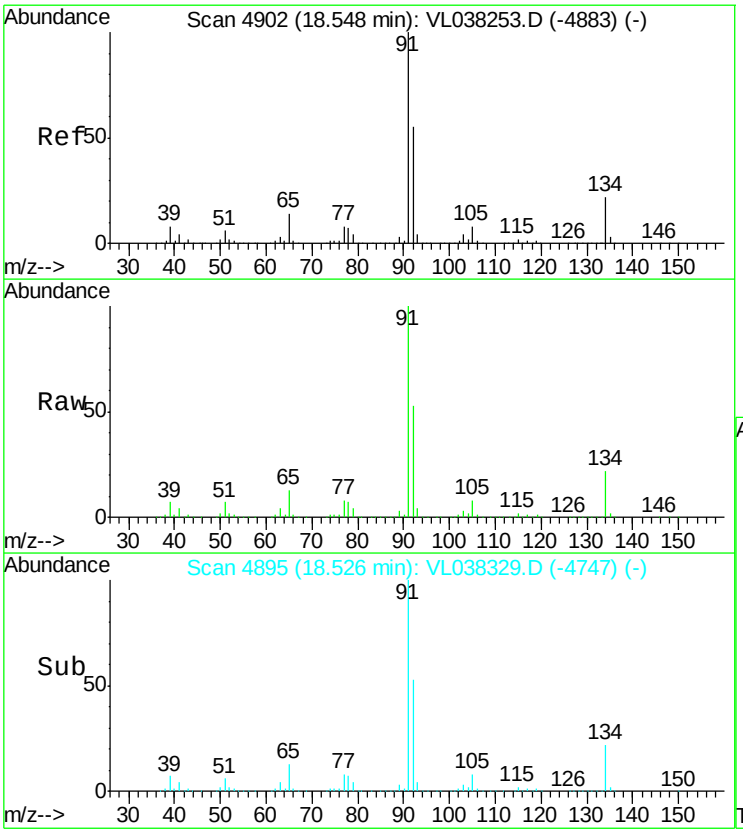
#69
p-Isopropyltoluene
Concen: 8.184 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:119 Resp: 3137663

Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.2	30.2
91	29.3	23.2	34.8

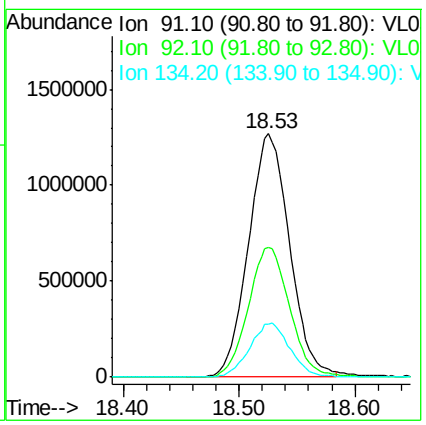


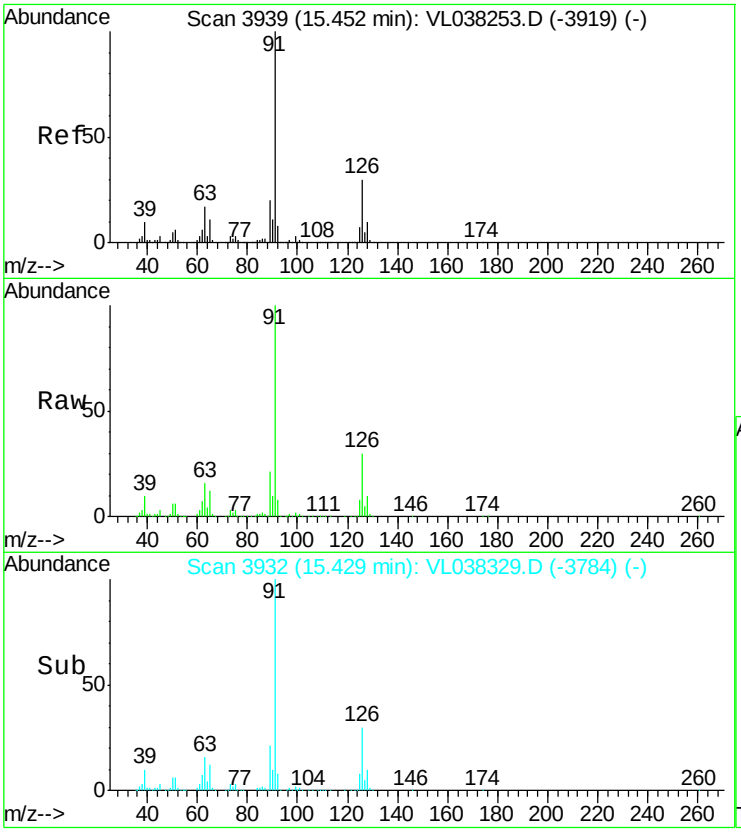


#70
n-Butylbenzene
Concen: 8.328 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion: 91 Resp: 3127105

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.4	65.0
134	21.9	17.3	25.9



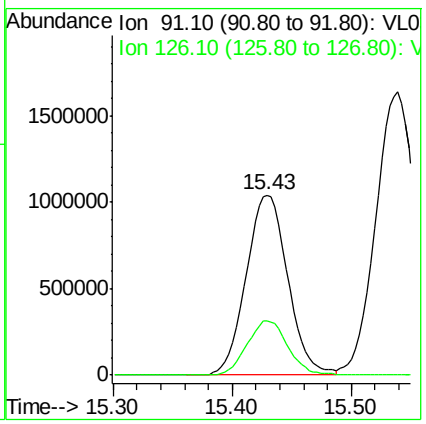


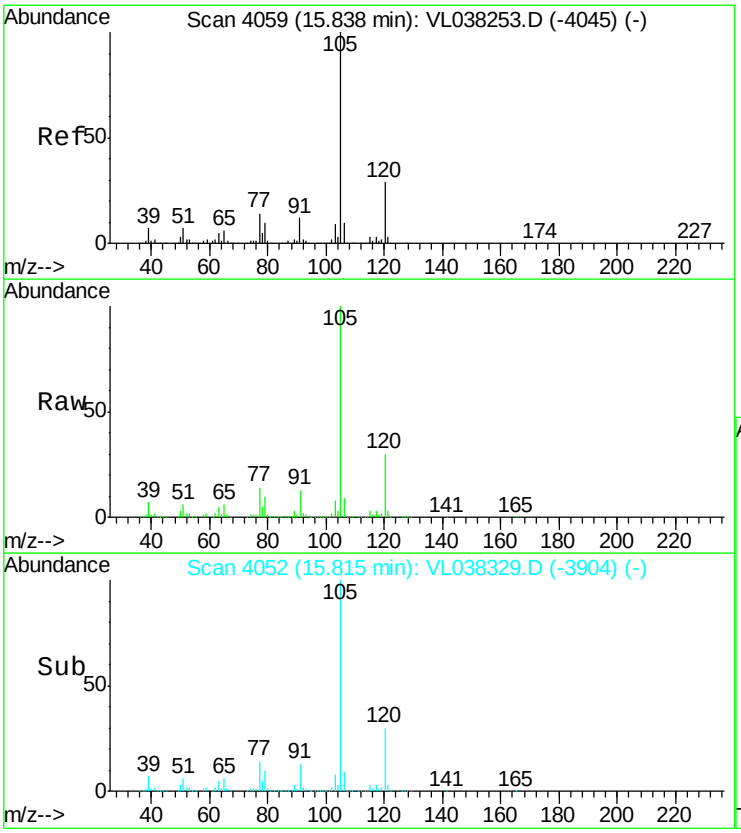
#71
2-Chlorotoluene
Concen: 7.788 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion: 91 Resp: 2521904

Ion	Ratio	Lower	Upper
91	100		
126	30.4	12.1	48.5

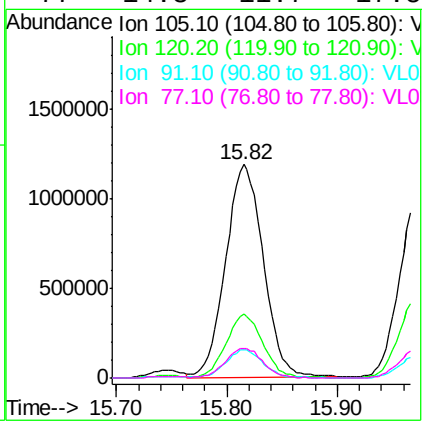


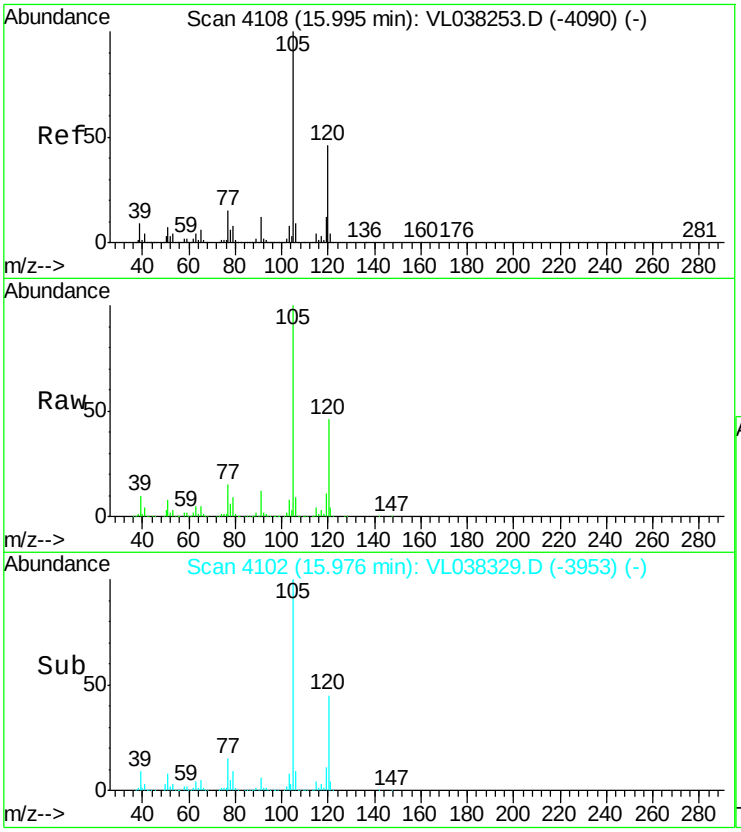


#72
4-Ethyltoluene
Concen: 8.168 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:105 Resp: 2801359

Ion	Ratio	Lower	Upper
105	100		
120	29.7	23.8	35.8
91	13.0	10.2	15.4
77	14.3	11.7	17.5



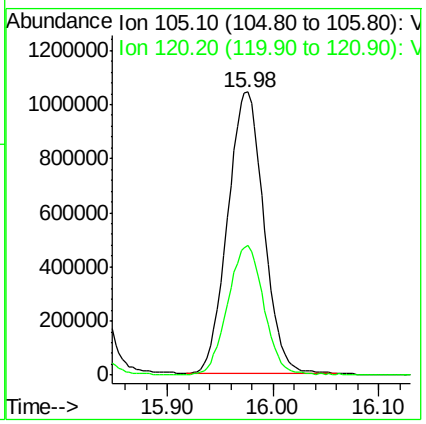


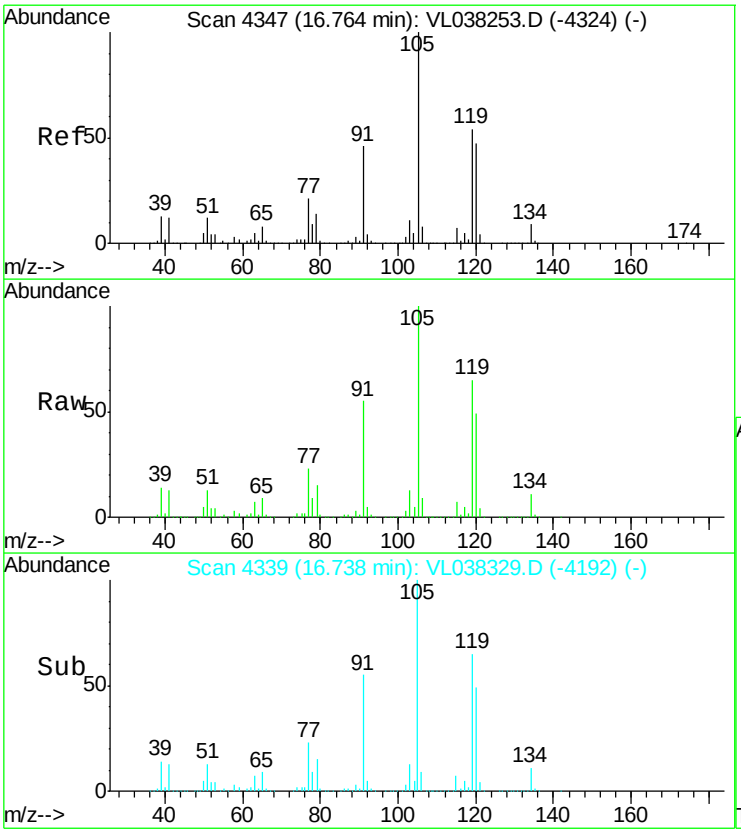
#73
1,3,5-Trimethylbenzene
Concen: 8.008 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:105 Resp: 2469935

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.6	55.0

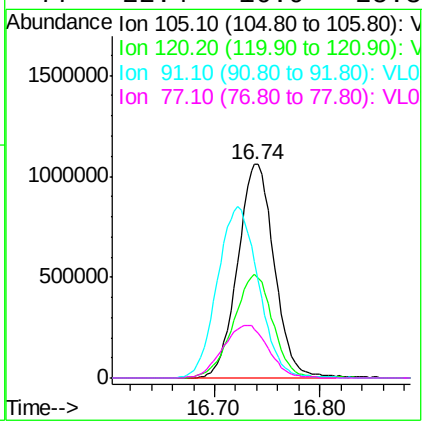


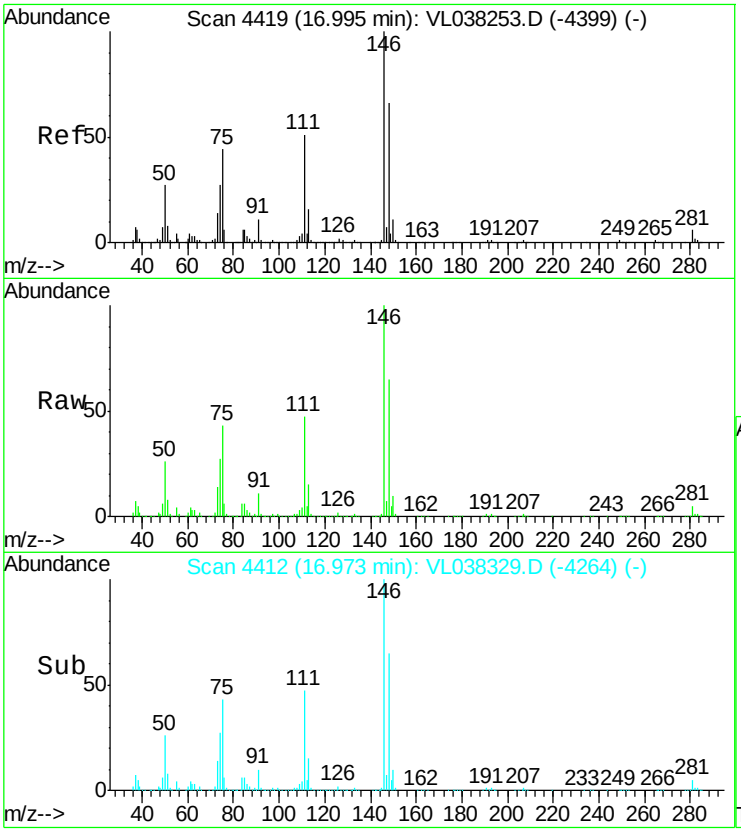


#74
1,2,4-Trimethylbenzene
Concen: 7.857 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.03 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:105 Resp: 2553240

Ion	Ratio	Lower	Upper
105	100		
120	48.6	37.2	55.8
91	54.4	36.6	55.0
77	22.4	16.9	25.3



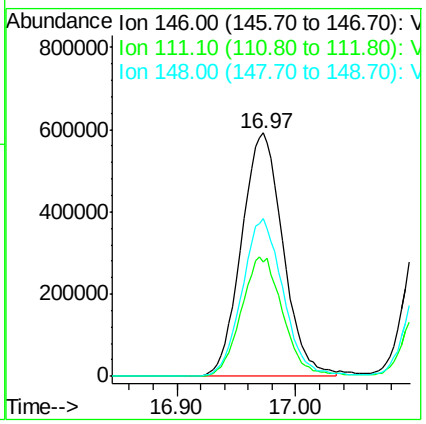


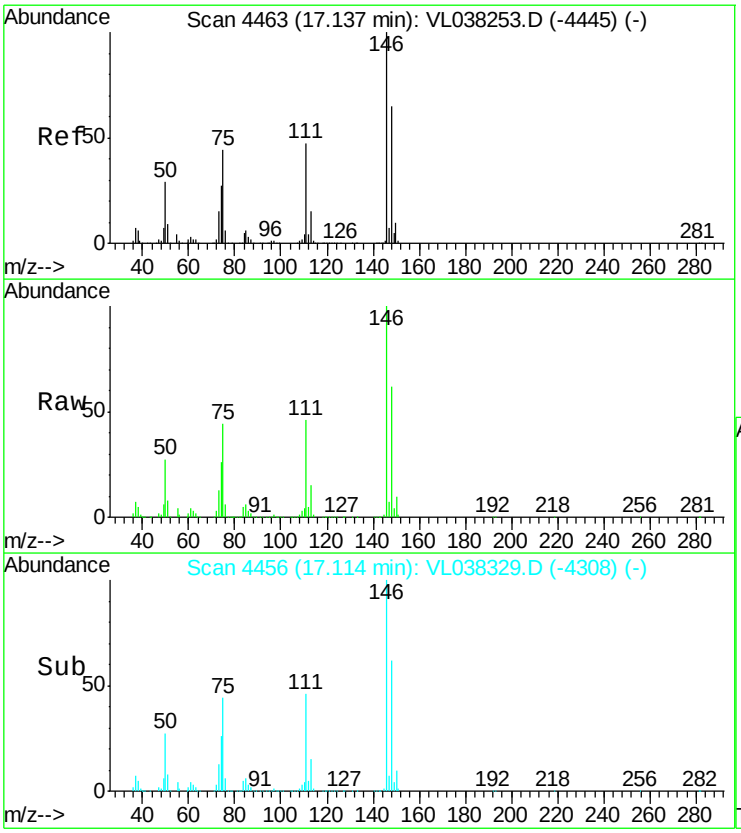
#75
1,3-Dichlorobenzene
Concen: 8.202 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:146 Resp: 1430159

Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.1	72.4
148	63.8	32.1	96.5

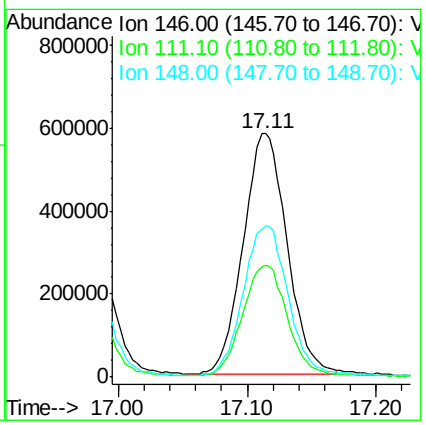


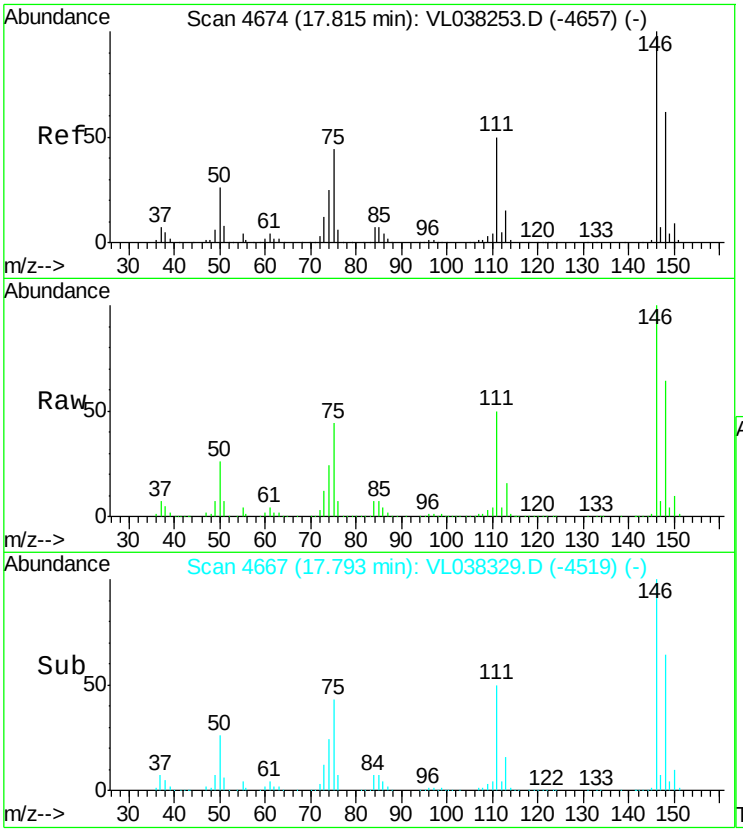


#76
1,4-Dichlorobenzene
Concen: 8.137 ppbv
RT: 17.11 min Scan# 4456
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:146 Resp: 1373770

Ion	Ratio	Lower	Upper
146	100		
111	48.2	23.2	69.6
148	66.2	32.4	97.0



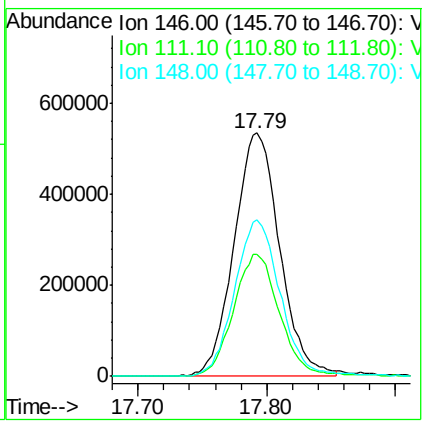


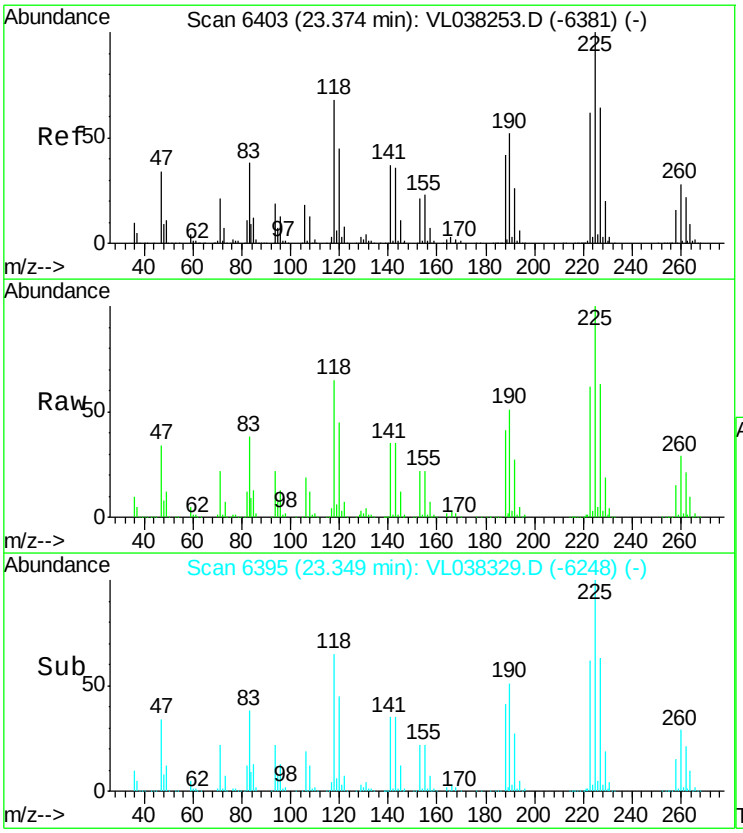
#77
1,2-Dichlorobenzene
Concen: 8.050 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:146 Resp: 1303713

Ion	Ratio	Lower	Upper
146	100		
111	51.4	25.2	75.6
148	64.8	32.6	97.8

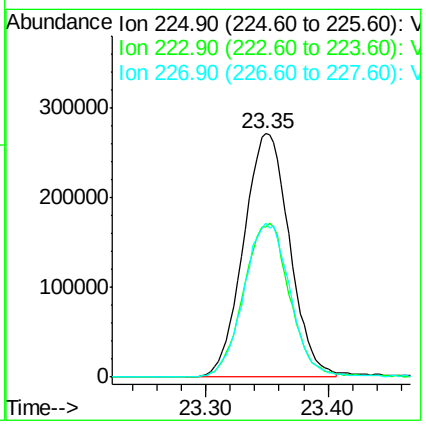


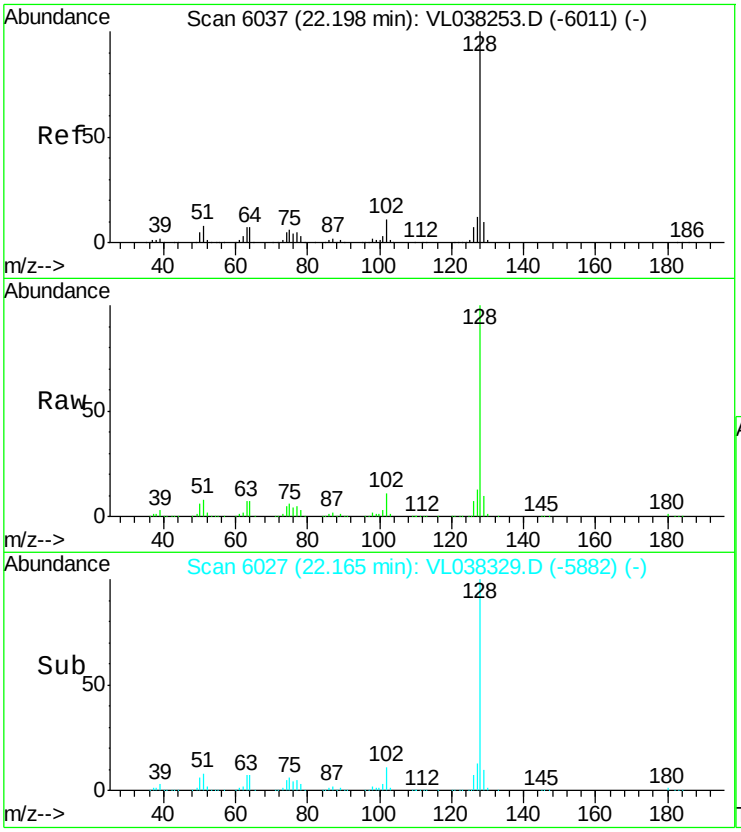


#78
Hexachloro-1,3-Butadiene
Concen: 6.292 ppbv
RT: 23.35 min Scan# 6395
Delta R.T. -0.03 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:225 Resp: 708553

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.7	77.5
227	64.4	51.4	77.0



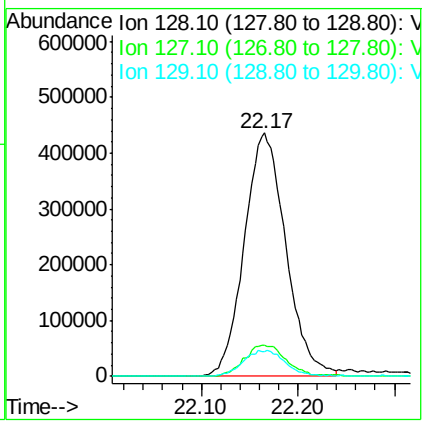


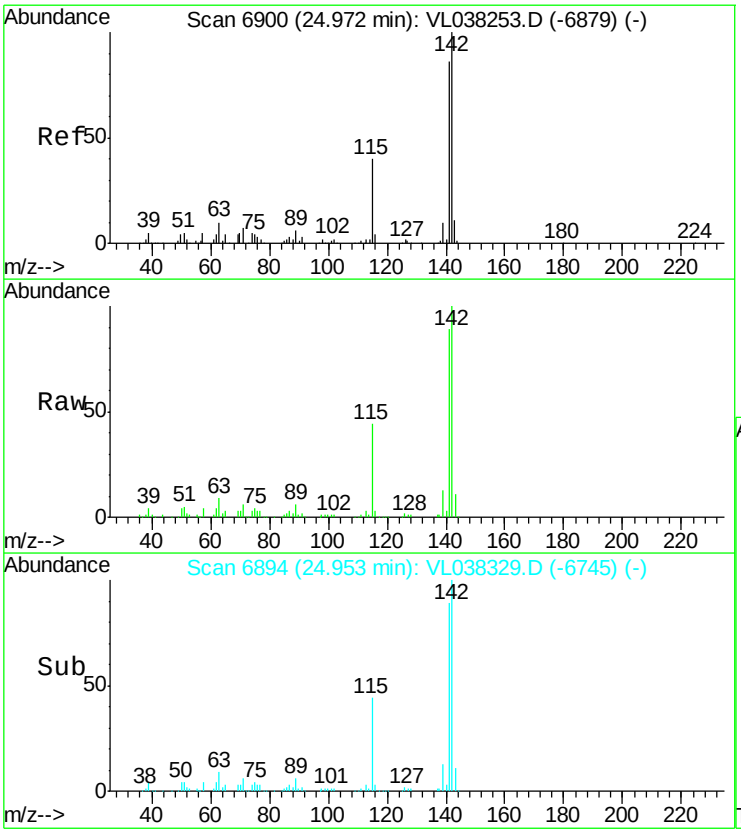
#79
Naphthalene
Concen: 8.562 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:128 Resp: 1300718

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.7	14.5
129	10.1	8.1	12.1

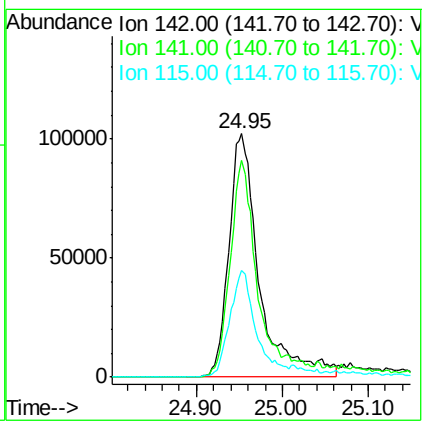


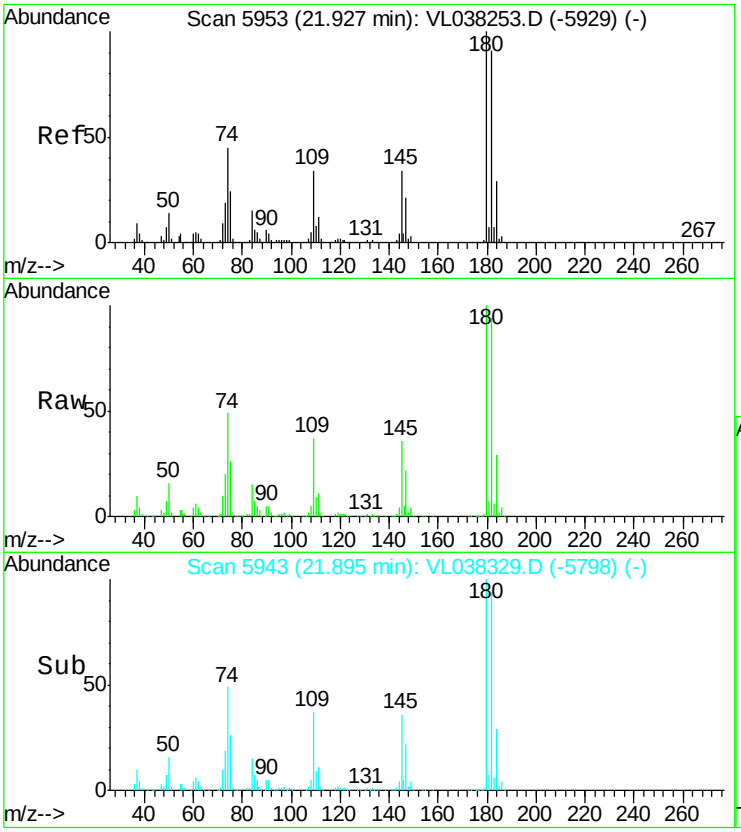


#80
Naphthalene,2-methyl-
Concen: 15.222 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.02 min
Lab File: VL038329.D
Acq: 3 Feb 2022 11:22

Tgt Ion:142 Resp: 251491

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.2	105.4
115	40.5	31.8	47.6





#81
1,2,4-Trichlorobenzene
Concen: 7.845 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 3 Feb 2022 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0203ABS01

Tgt Ion:180 Resp: 700994

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.7	116.5
184	31.3	24.4	36.6