Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038510.D
Acq On : 3 Mar 2022 12:11
Operator : SY/AP
Sample : VL0303ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 04 04:32:37 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	830449	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	1981486	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.07	117	2333573	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1634665	8.47	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1068246	8.121	ppbv	98
3) Chlorodifluoromethane	2.99	51	1505698	10.268	ppbv	99
4) Chloromethane	3.14	50	524036	10.285	ppbv	97
5) Vinyl Chloride	3.26	62	519179	9.747	ppbv	98
6) Bromomethane	3.47	94	296467	10.552	ppbv	98
7) Chloroethane	3.56	64	186073	10.876	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1268726	10.370	ppbv	99
9) Propene	3.01	41	483523	9.987	ppbv	98
10) Heptane	8.11	43	1264001	10.725	ppbv	99
11) Trichlorofluoromethane	3.95	101	1312378	10.421	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	951925	10.310	ppbv	99
13) Ethanol	3.60	45	44803	9.272	ppbv	96
14) Bromoethene	3.74	108	380777	10.352	ppbv	100
15) Acetone	3.85	43	649046	9.190	ppbv	99
16) 1,3-Butadiene	3.33	39	485247	10.287	ppbv	95
17) tert-Butyl alcohol	4.28	59	768838	10.912	ppbv	100
18) 1,1-Dichloroethene	4.29	96	413850	10.210	ppbv	99
19) Isopropyl Alcohol	3.96	45	420760	10.289	ppbv #	97
20) Methylene Chloride	4.34	84	324043	9.261	ppbv	95
21) Allyl Chloride	4.41	41	626074	10.496	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	436873	10.682	ppbv	96
23) Vinyl Acetate	5.07	43	999268	10.677	ppbv	99
24) 1,1-Dichloroethane	5.01	63	888530	10.560	ppbv	99
25) Ethyl Acetate	5.67	43	1983720	10.455	ppbv	100
26) Hexane	5.68	57	902843	10.508	ppbv	98
27) Carbon Disulfide	4.55	76	1054682	11.035	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	906764	10.361	ppbv	99
29) Chloroform	5.74	83	1494038	10.654	ppbv	99
30) Cyclohexane	7.12	84	760237	10.819	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	905307	10.875	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	1492733	10.585	ppbv	100
34) 2-Butanone	5.23	43	683795	10.972	ppbv	100
35) Carbon Tetrachloride	7.01	117	1542291	11.069	ppbv	99
36) Benzene	6.88	78	1855667	10.638	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1125417	11.165	ppbv	99
38) Trichloroethene	7.83	130	650529	10.238	ppbv	99
39) 1,2-Dichloropropane	7.60	63	734871	10.577	ppbv	95
40) 1,4-Dioxane	7.82	88	172461	10.465	ppbv #	1
41) Tetrahydrofuran	6.04	42	447336	10.624	ppbv	99
42) Bromodichloromethane	7.78	83	1602504	11.009	ppbv	100
43) Methyl Methacrylate	8.01	69	683434	11.270	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038510.D
Acq On : 3 Mar 2022 12:11
Operator : SY/AP
Sample : VL0303ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 04 04:32:37 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3212505	10.715	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	558115	11.516	ppbv		99
46) cis-1,3-Dichloropropene	8.69	75	714440	11.248	ppbv		97
47) 1,1,2-Trichloroethane	9.46	97	724449	10.480	ppbv		97
48) Dibromochloromethane	10.29	129	1209210	10.698	ppbv		99
49) Bromoform	13.03	173	811752	9.730	ppbv		98
50) 4-Methyl-2-Pentanone	8.74	43	1272627	11.550	ppbv		99
51) 2-Hexanone	10.13	43	549835	11.146	ppbv	#	99
52) Tetrachloroethene	11.21	164	552961	9.549	ppbv		96
53) Toluene	9.80	91	2039550	10.769	ppbv		100
54) 1,2-Dibromoethane	10.60	107	1037599	10.663	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.12	131	796730	8.191	ppbv		96
57) Chlorobenzene	12.14	112	1372380	7.622	ppbv		98
58) Ethyl Benzene	12.70	91	2622611	8.219	ppbv		97
59) m/p-Xylene	12.99	91	2231878	8.144	ppbv	#	36
60) o-Xylene	13.68	91	2054434	7.930	ppbv		100
61) Styrene	13.52	104	983818	8.233	ppbv		97
62) Isopropylbenzene	14.66	105	2647057	7.613	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1383840	6.574	ppbv		100
64) n-propylbenzene	15.55	120	644038	7.481	ppbv		89
65) tert-Butylbenzene	16.73	119	2172192	7.213	ppbv		98
66) Benzyl Chloride	16.98	91	50456	3.100	ppbv	#	68
67) sec-Butylbenzene	17.28	105	3044230	7.134	ppbv		99
69) p-Isopropyltoluene	17.64	119	2418402	7.215	ppbv		98
70) n-Butylbenzene	18.54	91	2583814	7.449	ppbv		99
71) 2-Chlorotoluene	15.44	91	1955481	7.314	ppbv		100
72) 4-Ethyltoluene	15.82	105	2183726	7.650	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	1895401	7.312	ppbv		97
74) 1,2,4-Trimethylbenzene	16.75	105	1990023	7.271	ppbv		99
75) 1,3-Dichlorobenzene	16.98	146	1049575	6.847	ppbv		99
76) 1,4-Dichlorobenzene	17.12	146	982257	6.498	ppbv		98
77) 1,2-Dichlorobenzene	17.80	146	978599	6.632	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	788785	7.010	ppbv		99
79) Naphthalene	22.18	128	1474659	9.945	ppbv		98
80) Naphthalene,2-methyl-	24.96	142	213233	7.358	ppbv		97
81) 1,2,4-Trichlorobenzene	21.91	180	789162	8.802	ppbv		100

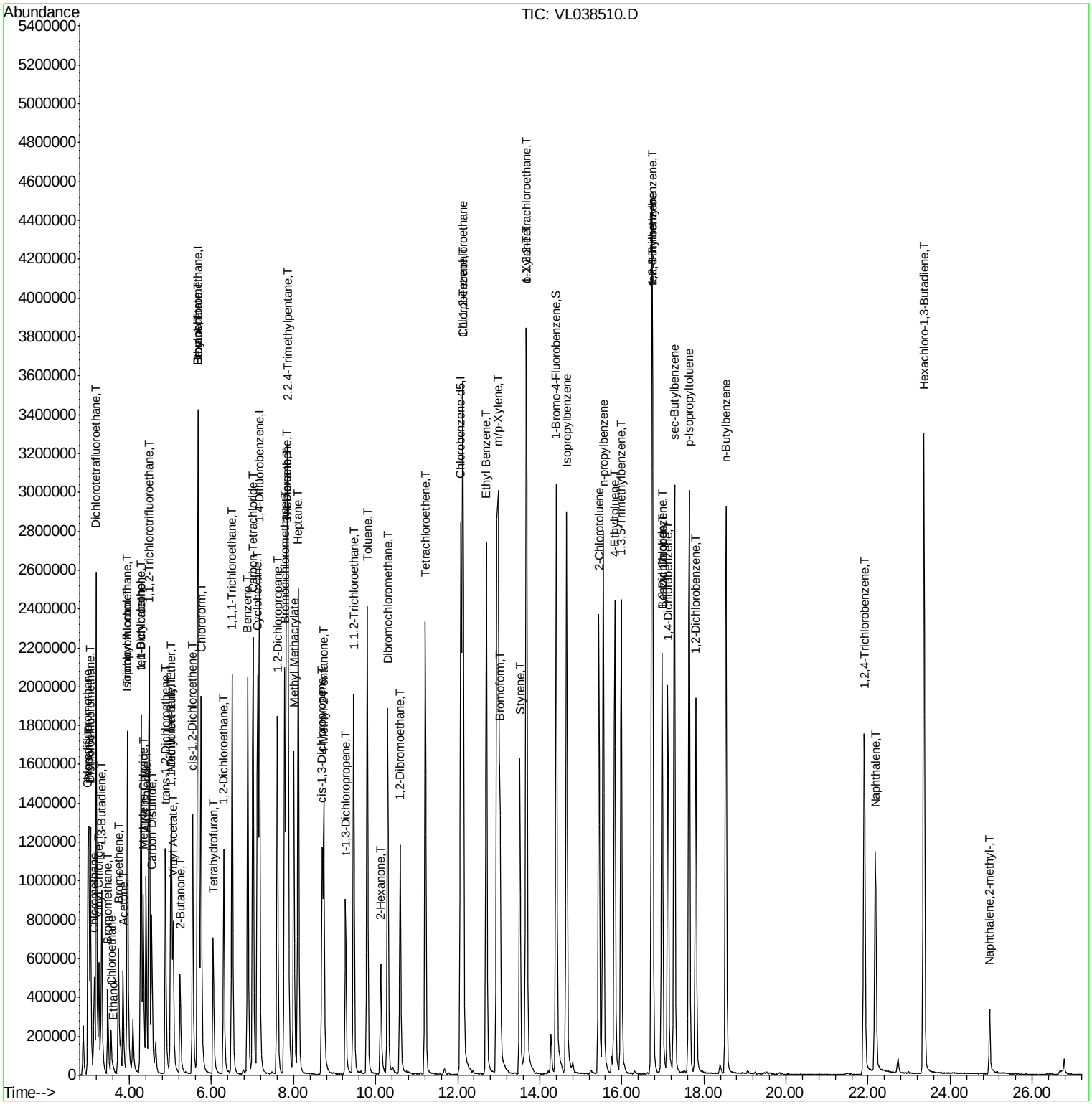
(#) = qualifier out of range (m) = manual integration (+) = signals summed

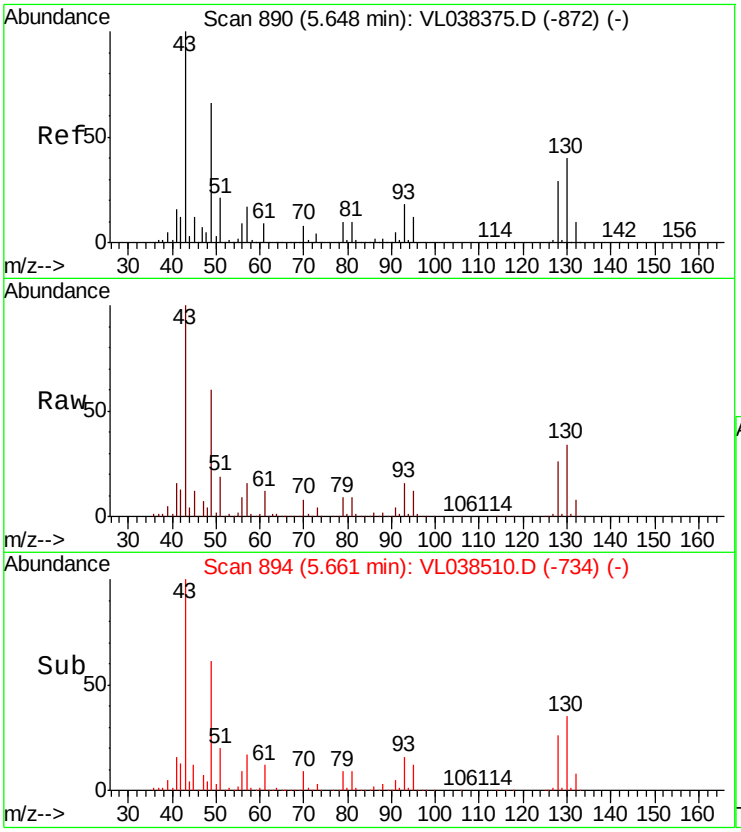
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038510.D
Acq On : 3 Mar 2022 12:11
Operator : SY/AP
Sample : VL0303ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 04 04:32:37 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



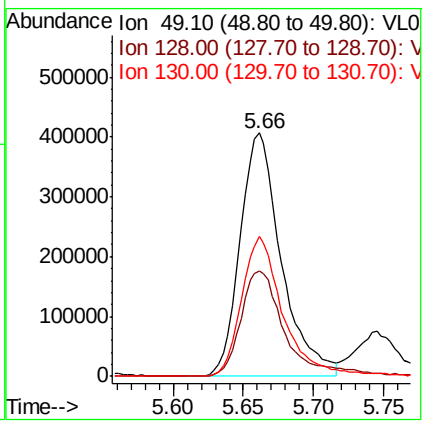


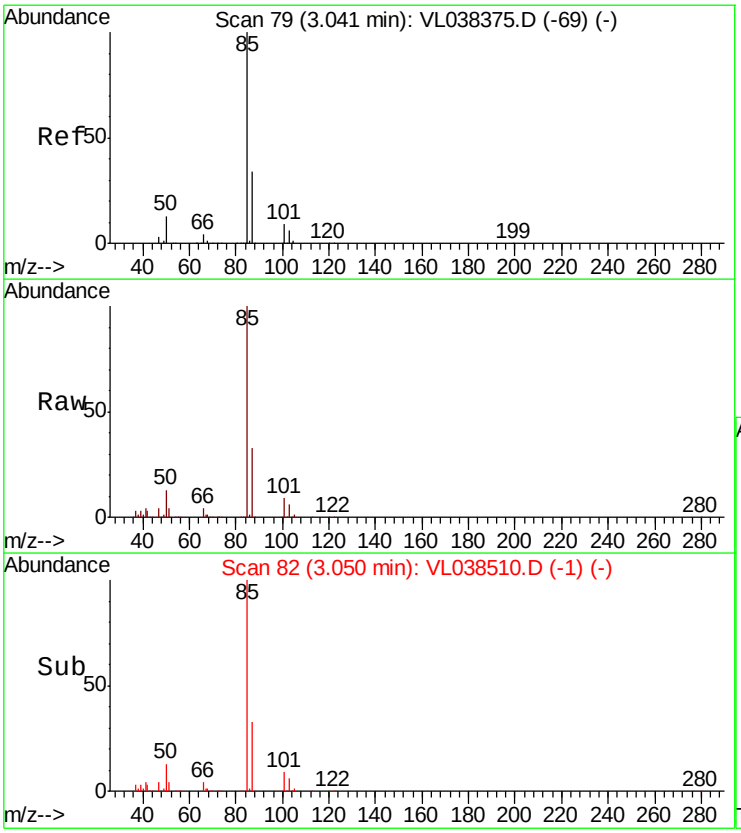
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 830449

Ion	Ratio	Lower	Upper
49	100		
128	47.5	24.3	72.9
130	58.6	30.1	90.5

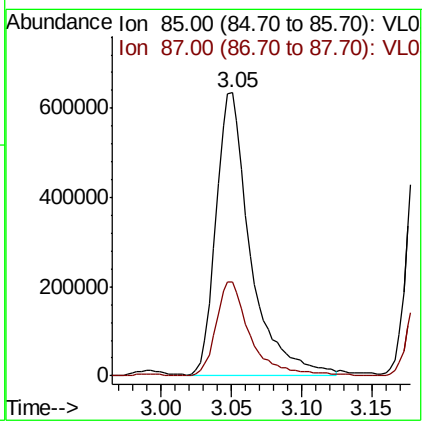


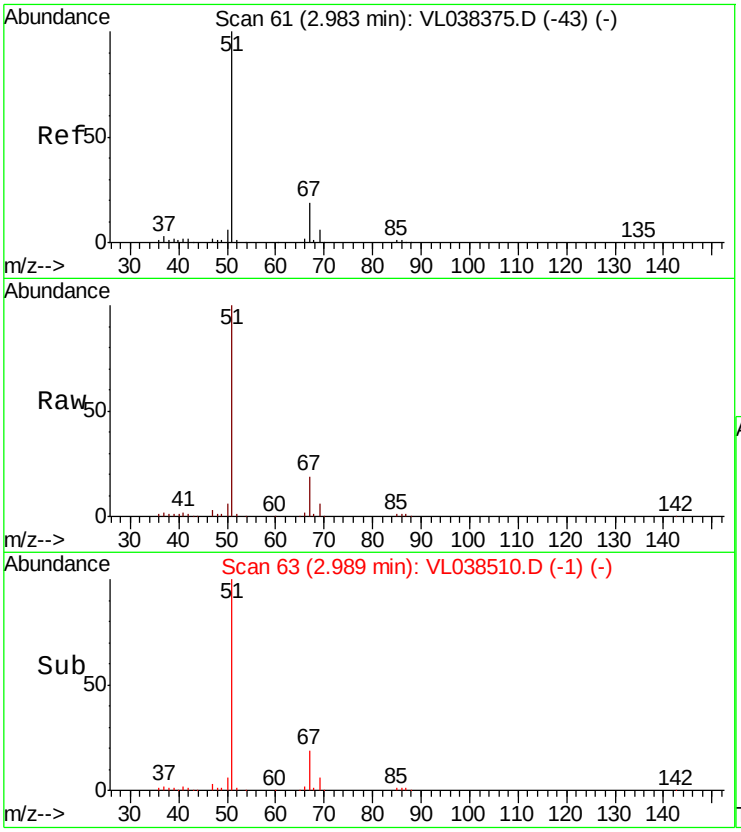


#2
Dichlorodifluoromethane
Concen: 8.121 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 85 Resp: 1068246

Ion	Ratio	Lower	Upper
85	100		
87	33.2	27.4	41.0



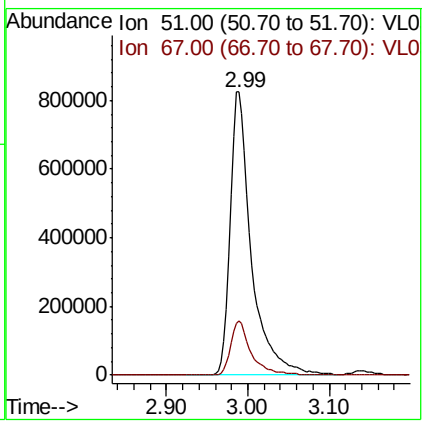


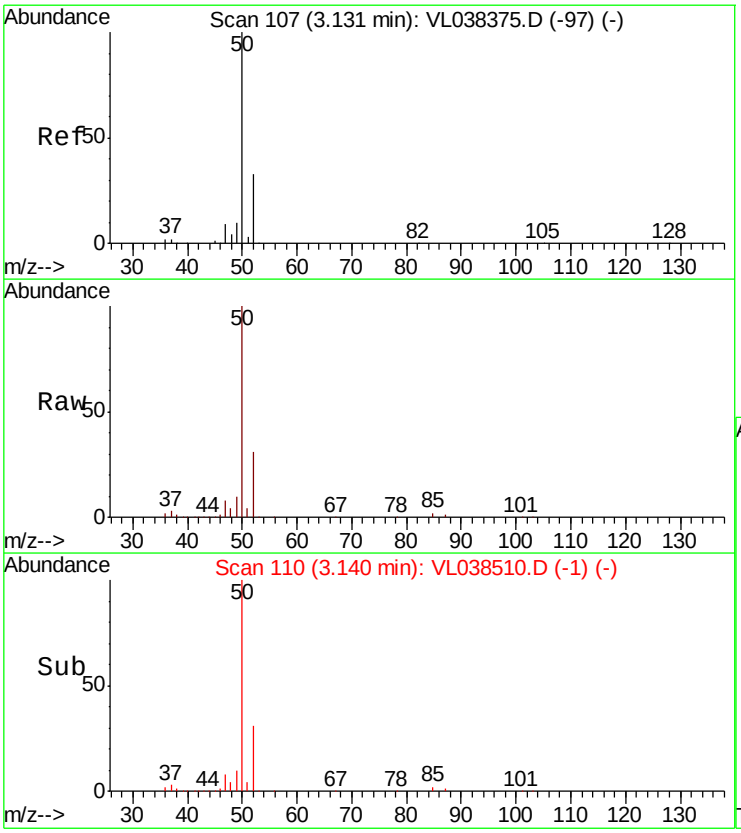
#3
Chlorodifluoromethane
Concen: 10.268 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1505698

Ion	Ratio	Lower	Upper
51	100		
67	18.7	14.7	22.1

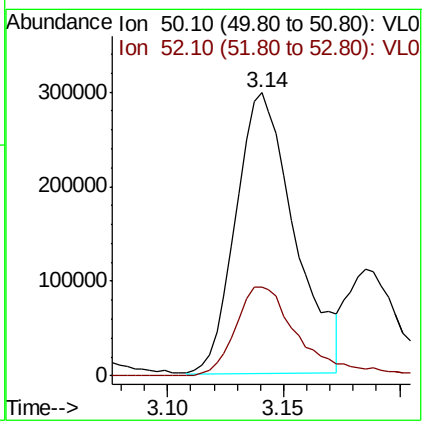


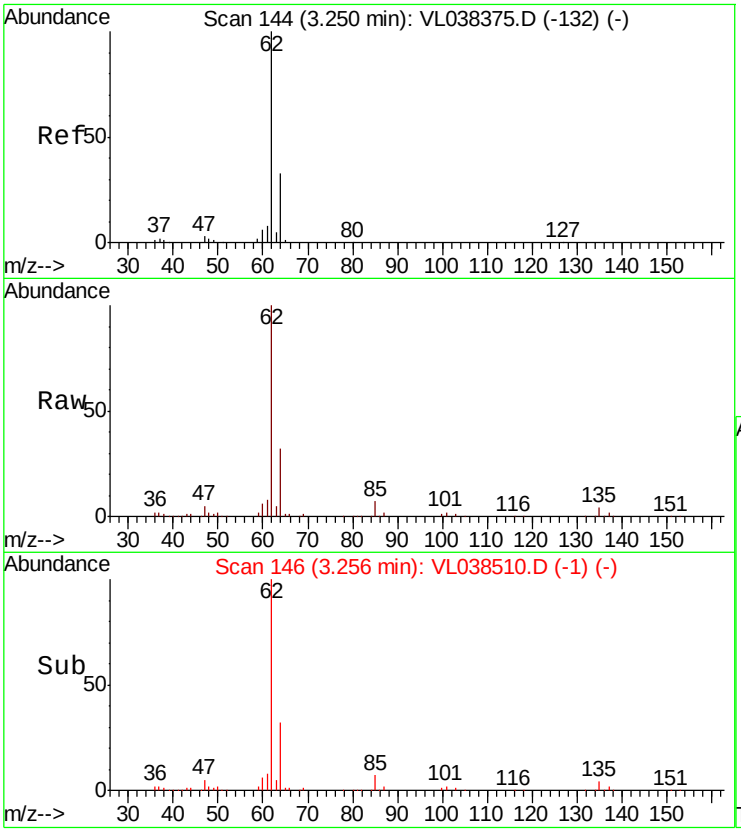


#4
Chloromethane
Concen: 10.285 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 50 Resp: 524036

Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.5	39.7



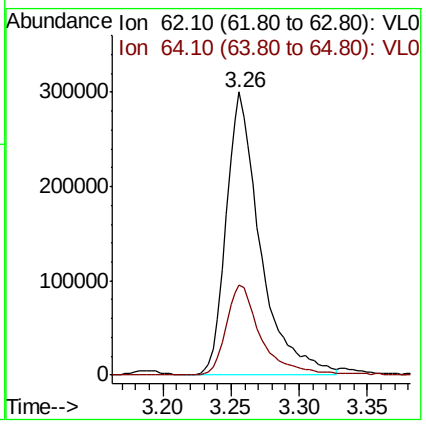


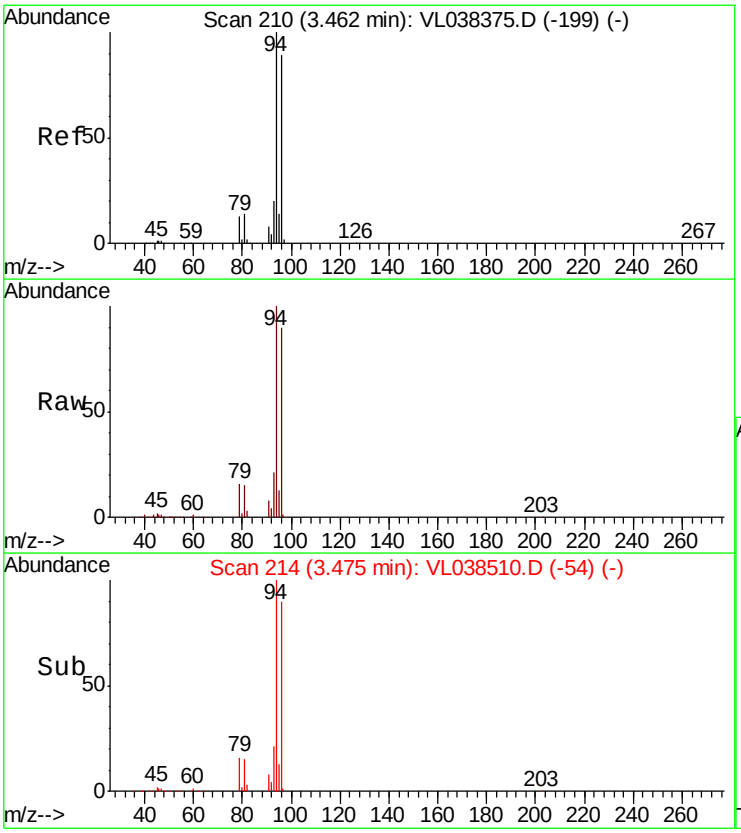
#5
Vinyl Chloride
Concen: 9.747 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 519179

Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.2	39.2

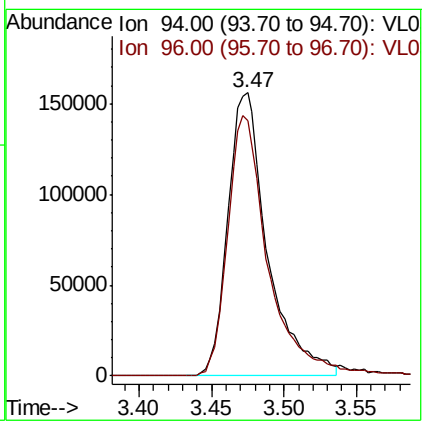


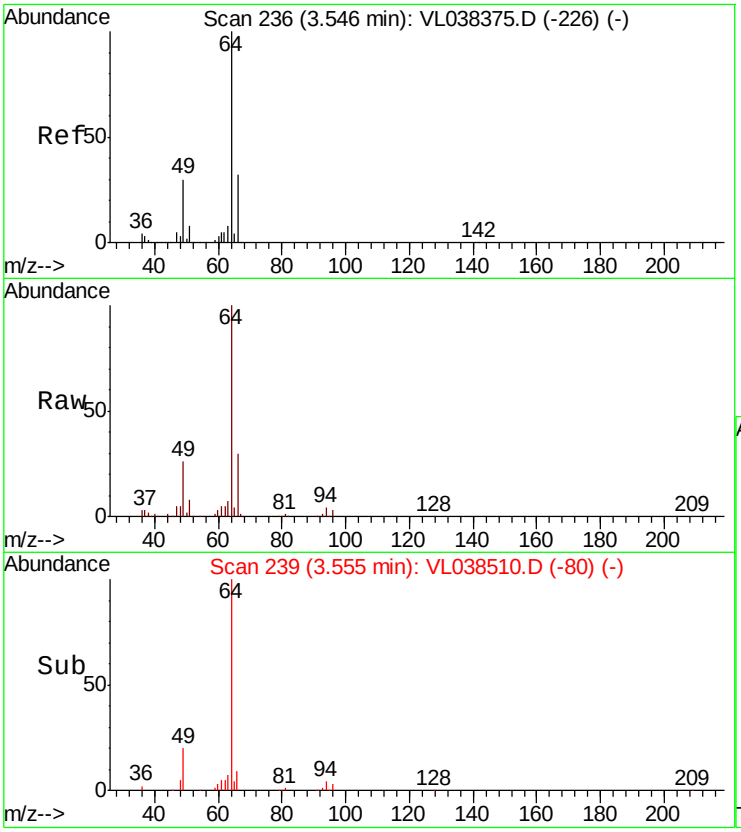


#6
Bromomethane
Concen: 10.552 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 94 Resp: 296467

Ion	Ratio	Lower	Upper
94	100		
96	90.3	71.0	106.6



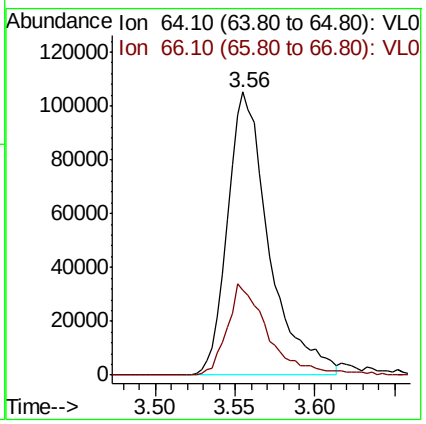


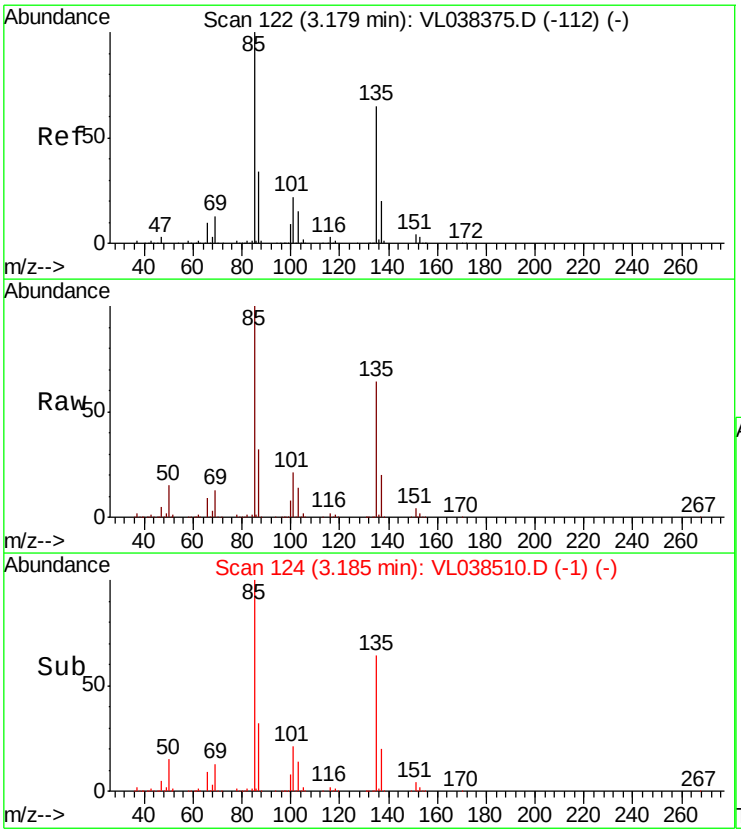
#7
Chloroethane
Concen: 10.876 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 186073

Ion	Ratio	Lower	Upper
64	100		
66	29.8	25.9	38.9

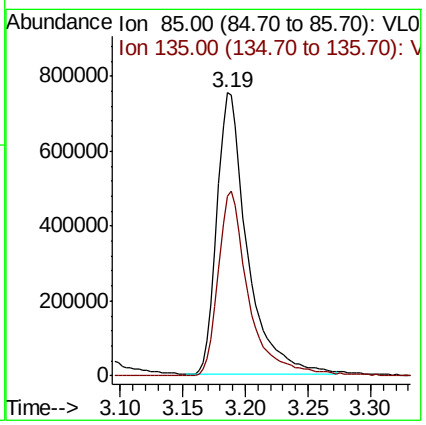


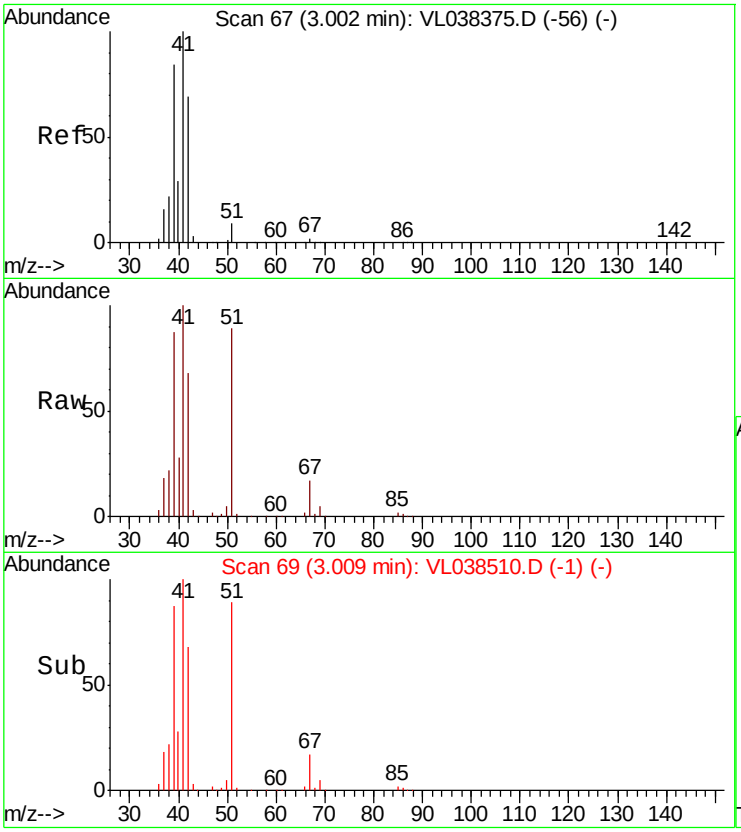


#8
Dichlorotetrafluoroethane
Concen: 10.370 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 85 Resp: 1268726

Ion	Ratio	Lower	Upper
85	100		
135	66.6	54.1	81.1



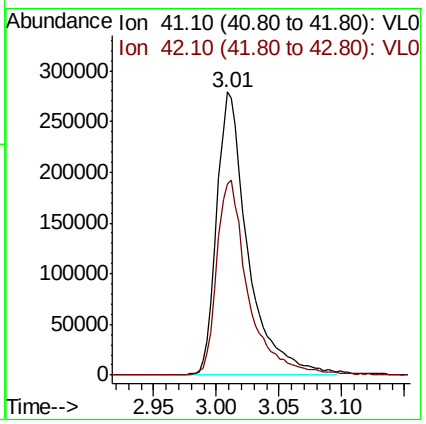


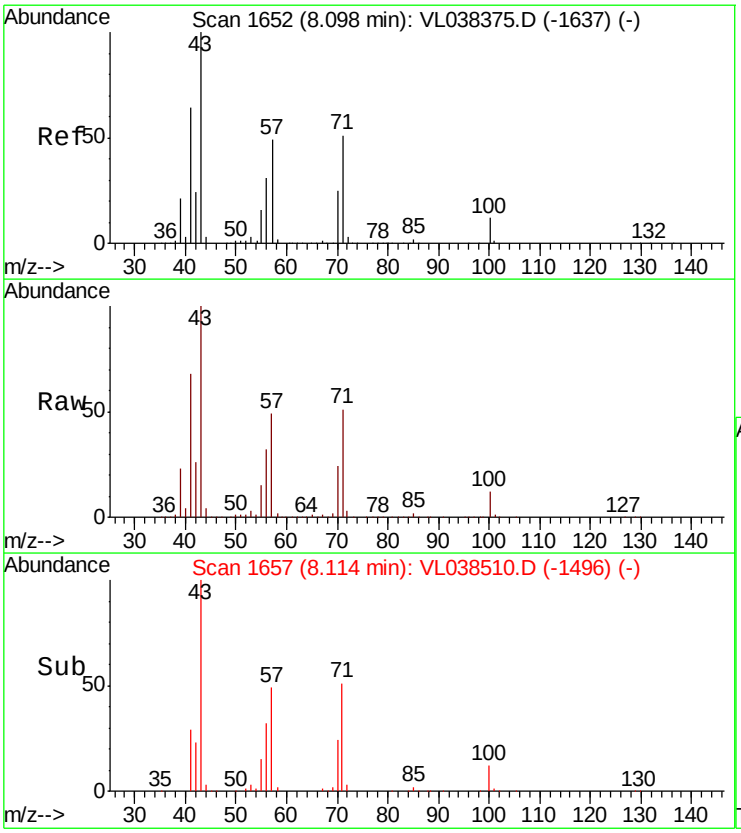
#9
Propene
Concen: 9.987 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 483523

Ion	Ratio	Lower	Upper
41	100		
42	69.9	54.6	82.0

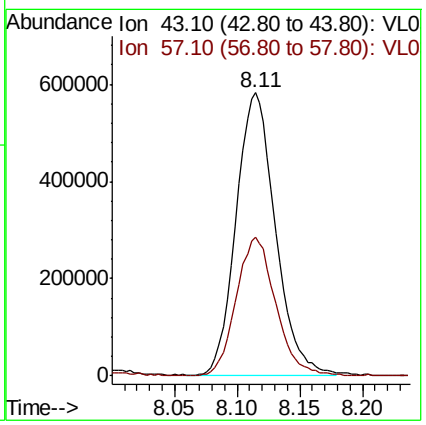


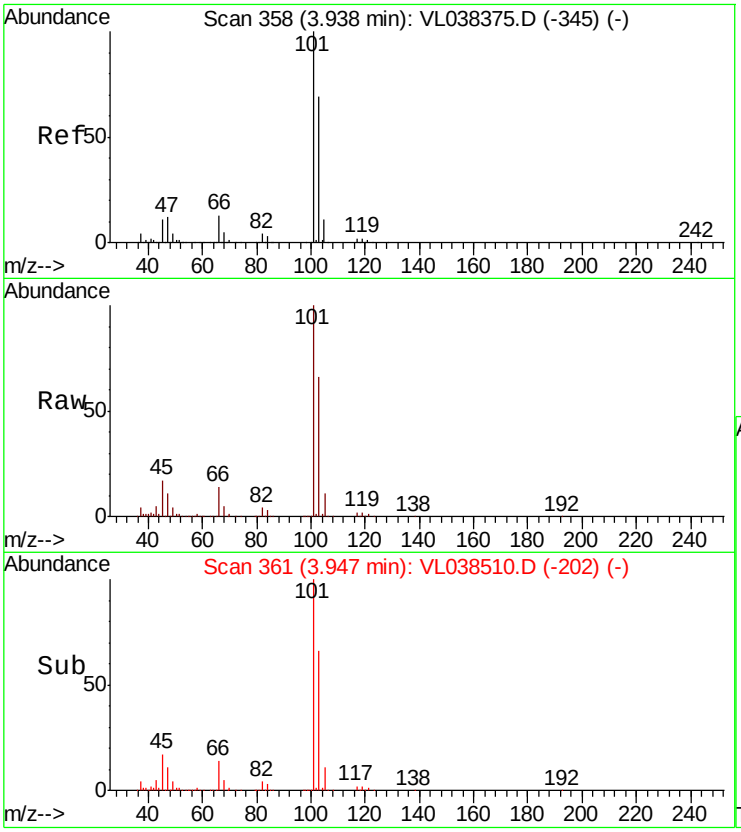


#10
Heptane
Concen: 10.725 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 1264001

Ion	Ratio	Lower	Upper
43	100		
57	48.9	39.8	59.8



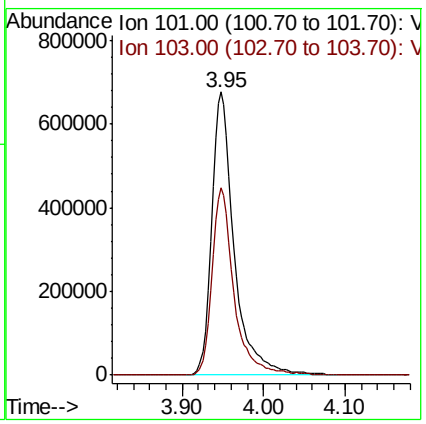


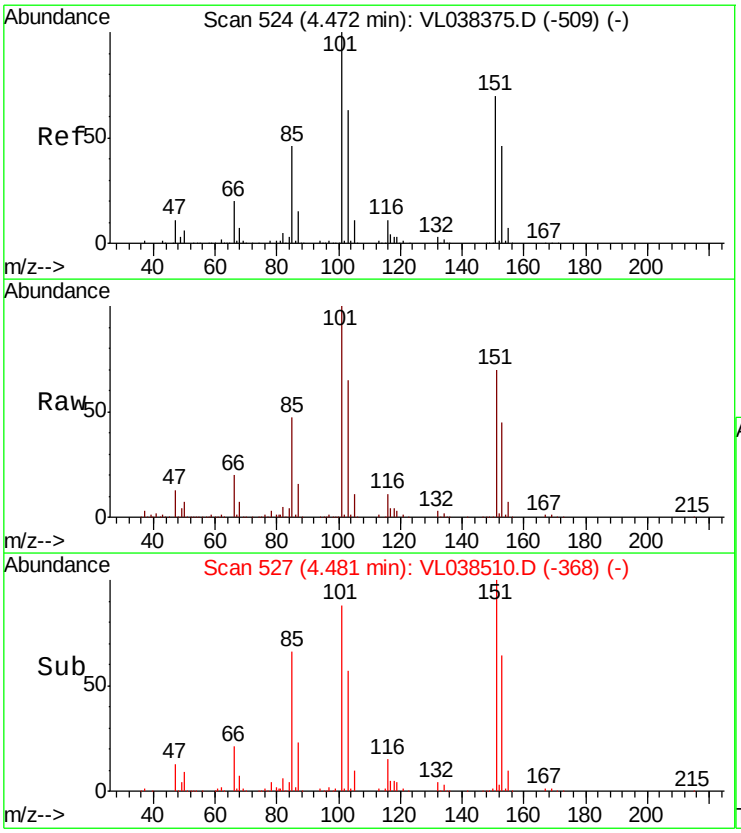
#11
Trichlorofluoromethane
Concen: 10.421 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 1312378

Ion	Ratio	Lower	Upper
101	100		
103	66.2	55.0	82.4

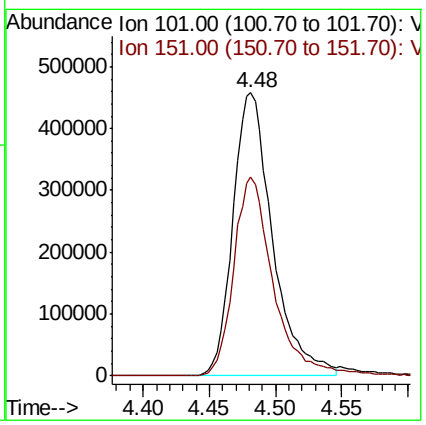


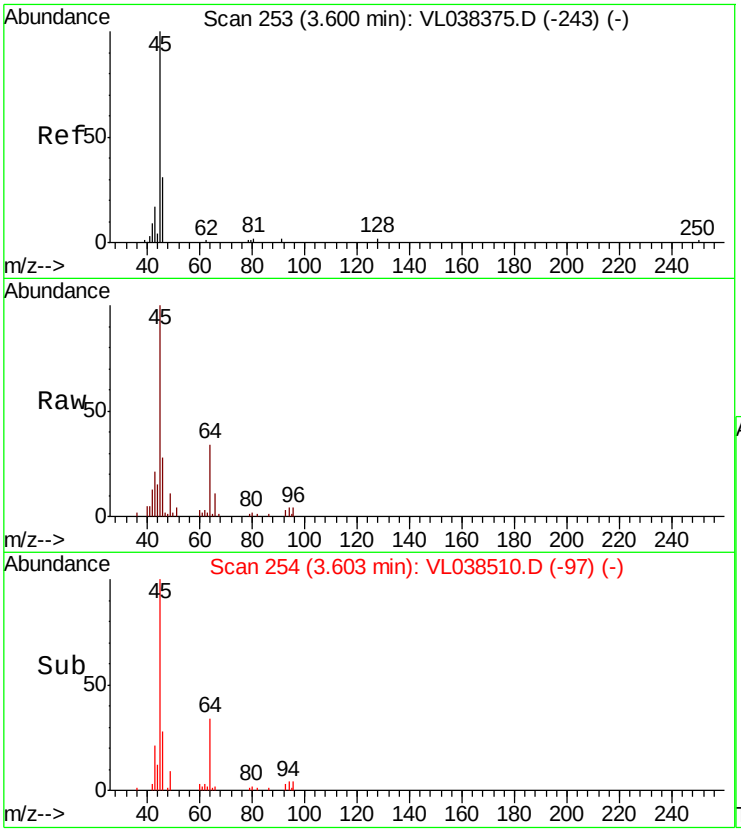


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.310 ppbv
RT: 4.48 min Scan# 527
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:101 Resp: 951925

Ion	Ratio	Lower	Upper
101	100		
151	70.7	55.9	83.9



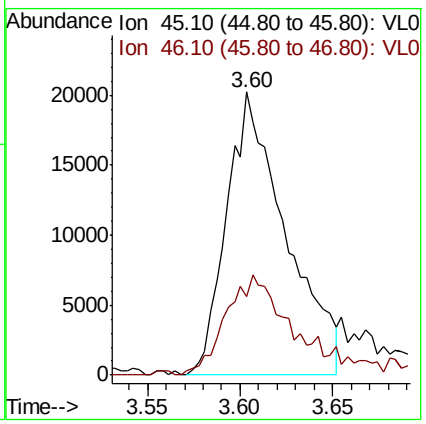


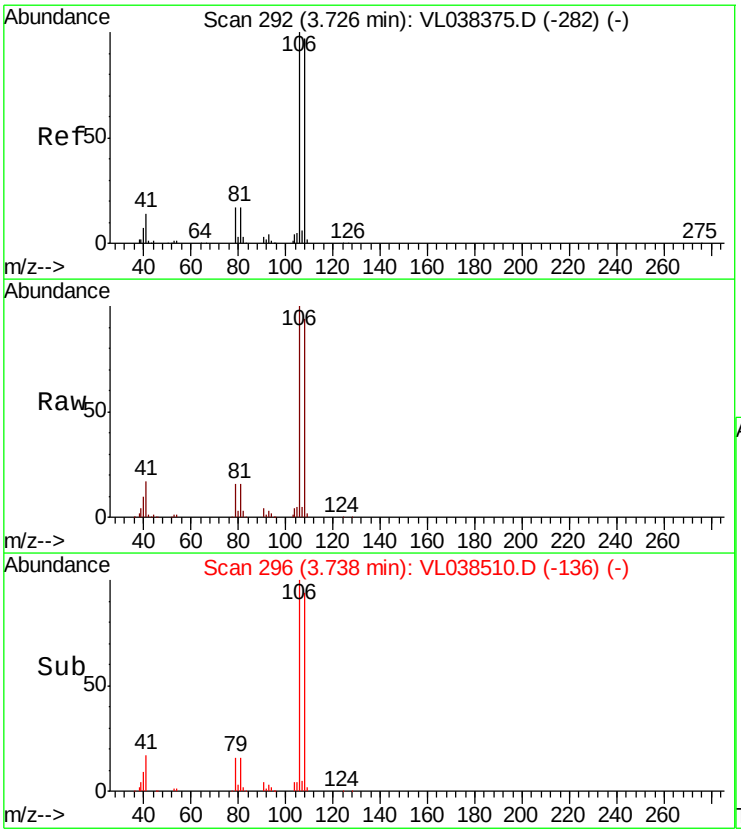
#13
Ethanol
Concen: 9.272 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 44803

Ion	Ratio	Lower	Upper
45	100		
46	42.8	18.2	72.8

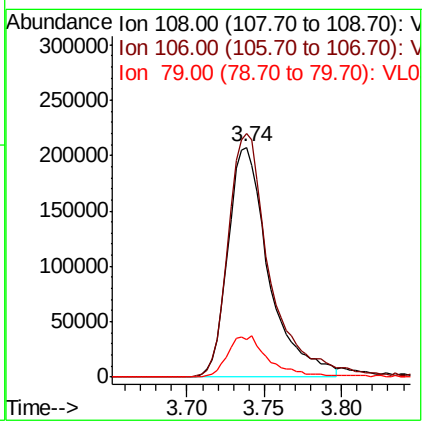


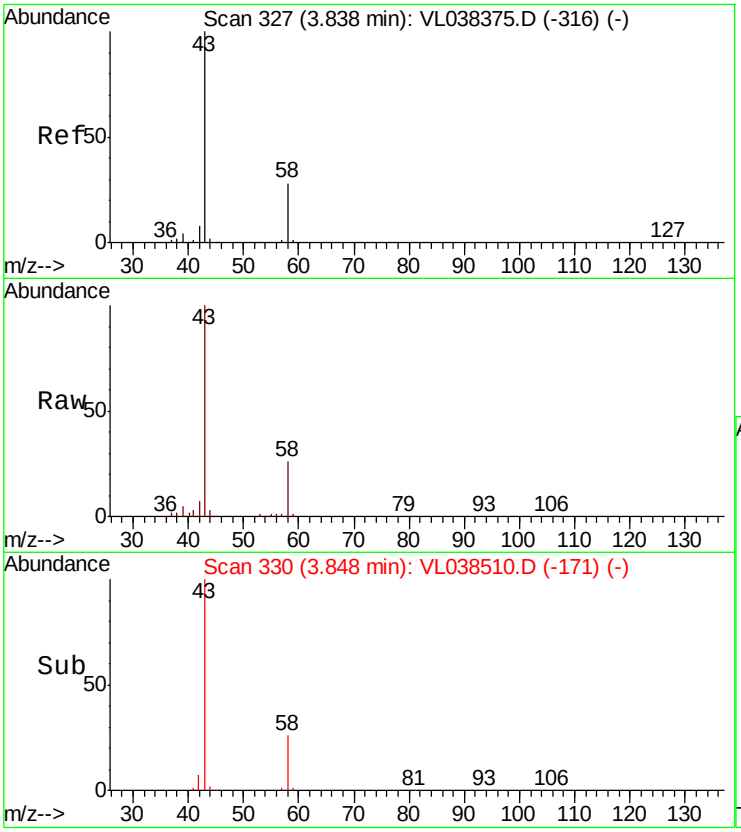


#14
Bromoethene
Concen: 10.352 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:108 Resp: 380777

Ion	Ratio	Lower	Upper
108	100		
106	110.4	88.4	132.6
79	18.5	15.0	22.6



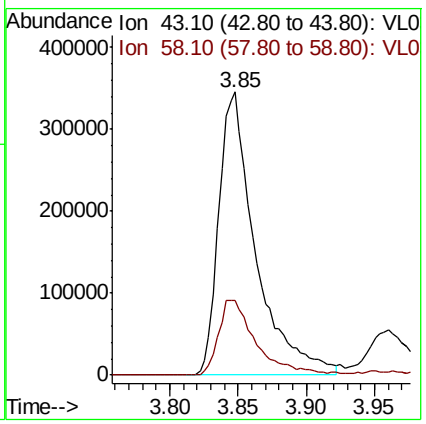


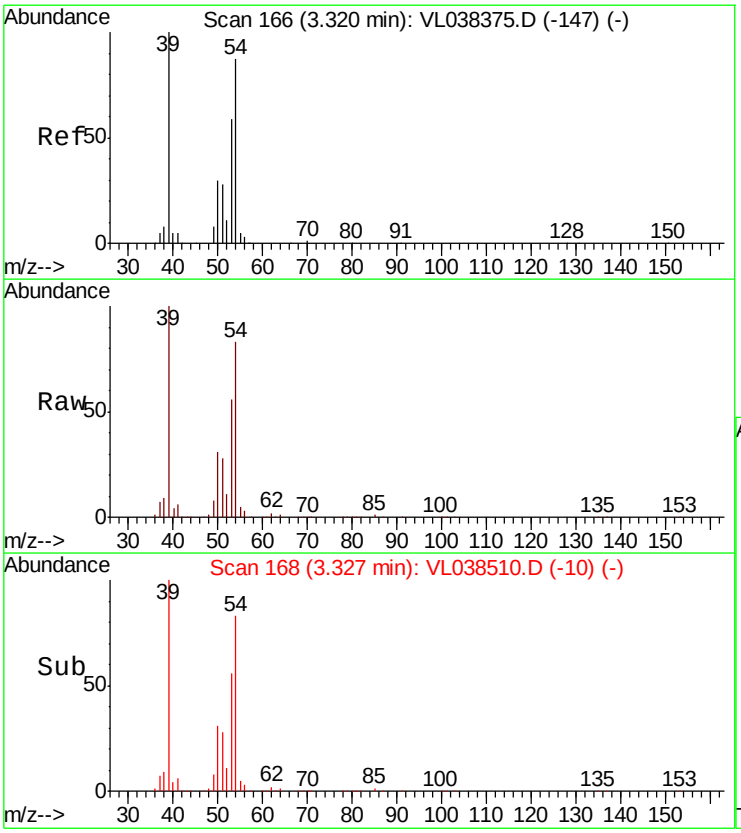
#15
Acetone
Concen: 9.190 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 649046

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.7	32.5

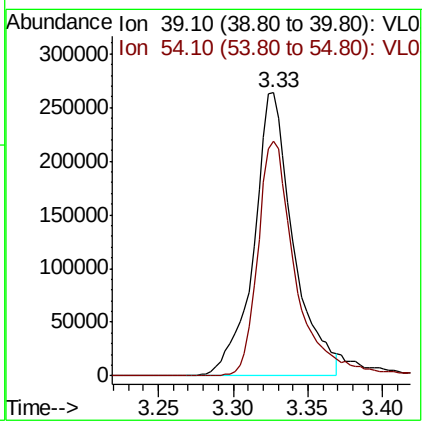


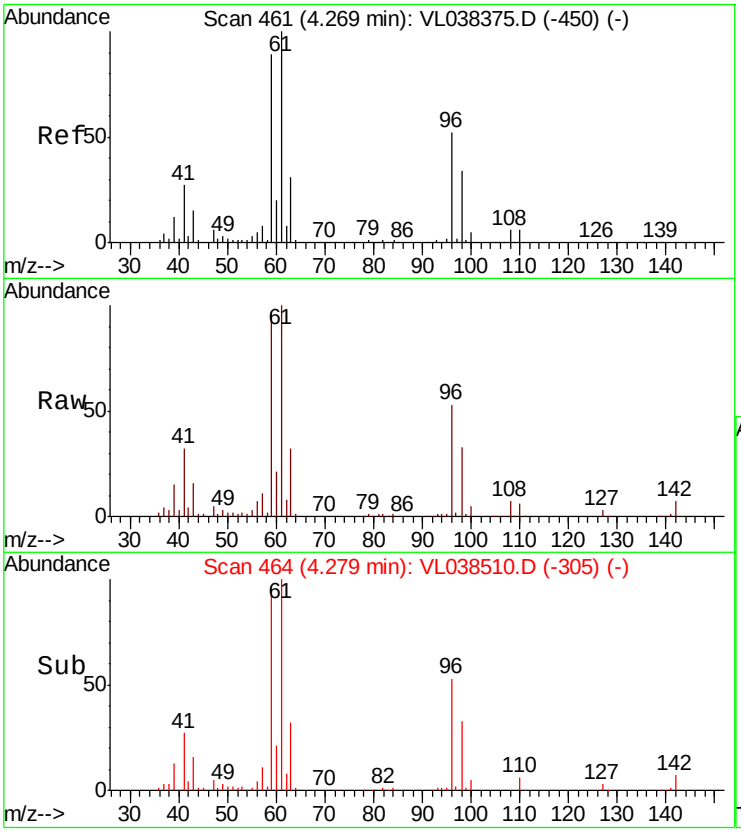


#16
1,3-Butadiene
Concen: 10.287 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 39 Resp: 485247

Ion	Ratio	Lower	Upper
39	100		
54	80.1	60.3	90.5



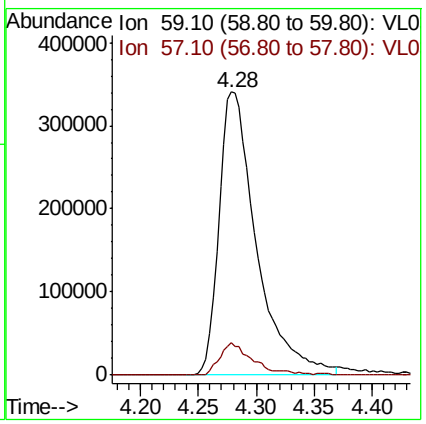


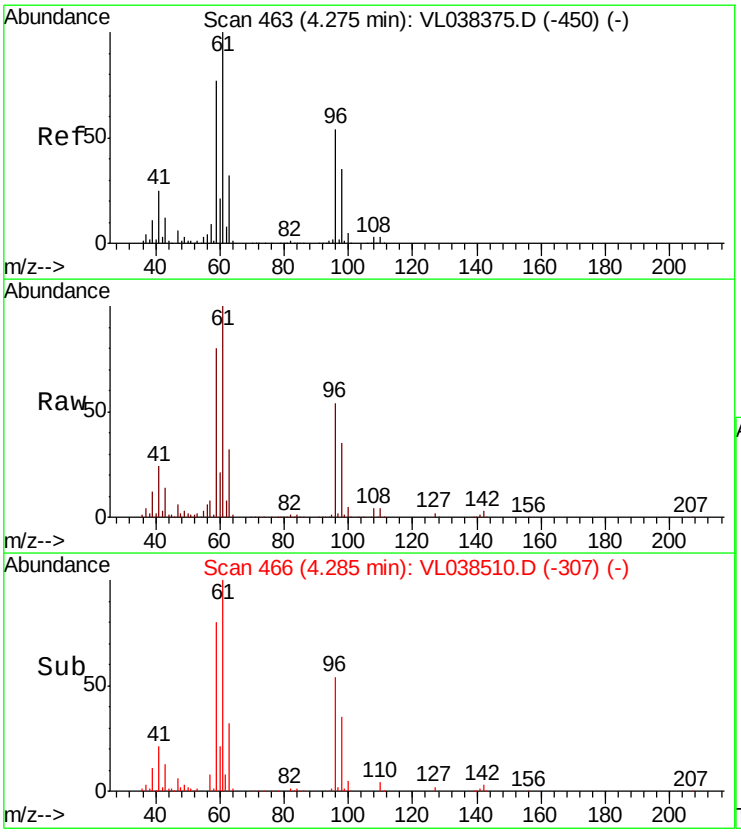
#17
tert-Butyl alcohol
Concen: 10.912 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 768838

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

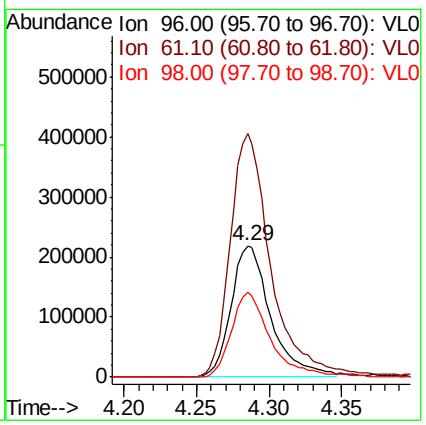


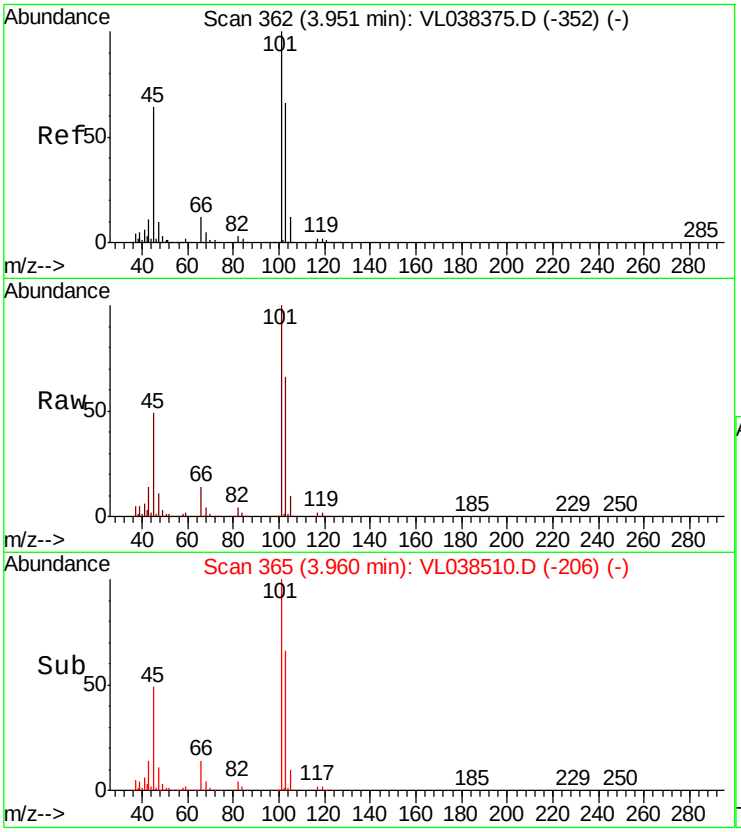


#18
1,1-Dichloroethene
Concen: 10.210 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 96 Resp: 413850

Ion	Ratio	Lower	Upper
96	100		
61	185.2	146.8	220.2
98	64.3	51.5	77.3



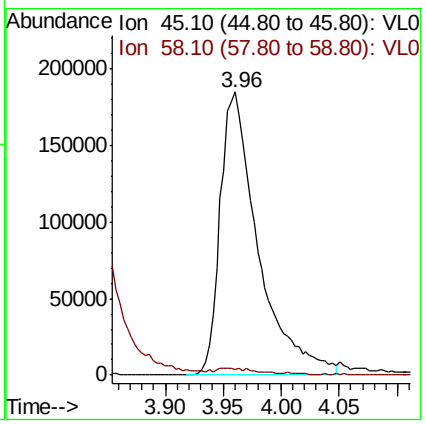


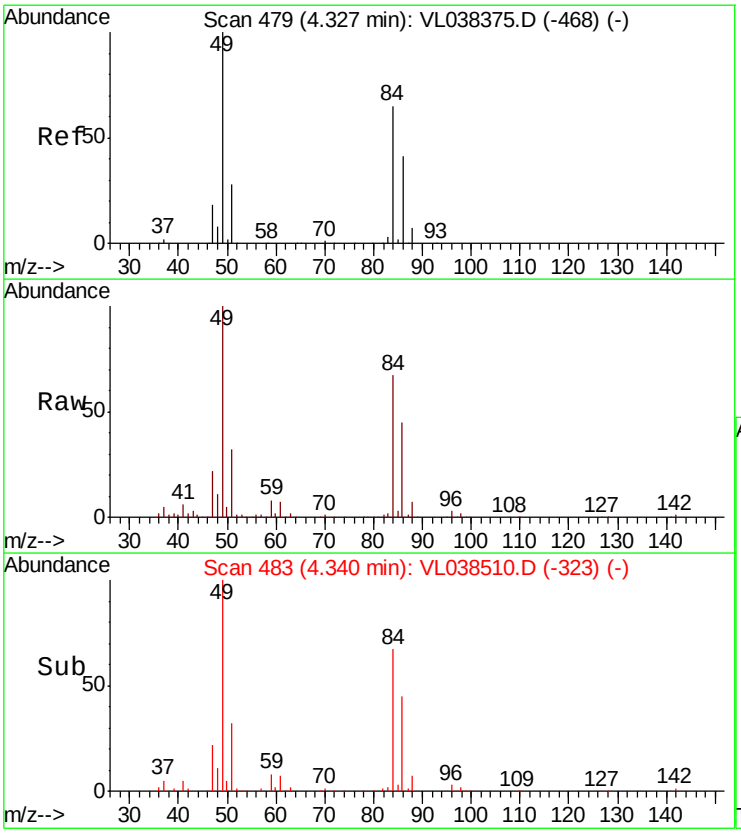
#19
Isopropyl Alcohol
Concen: 10.289 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 420760

Ion	Ratio	Lower	Upper
45	100		
58	3.3	1.8	2.8#

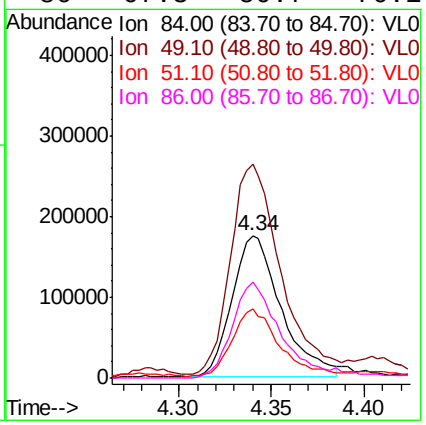


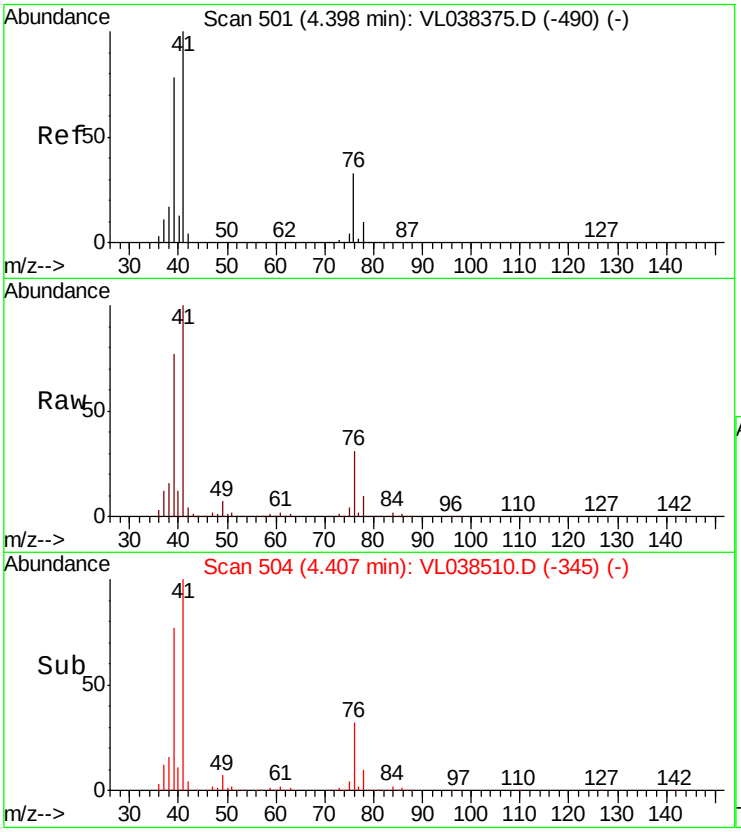


#20
Methylene Chloride
Concen: 9.261 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 84 Resp: 324043

Ion	Ratio	Lower	Upper
84	100		
49	148.3	122.4	183.6
51	47.8	33.3	49.9
86	67.3	50.7	76.1



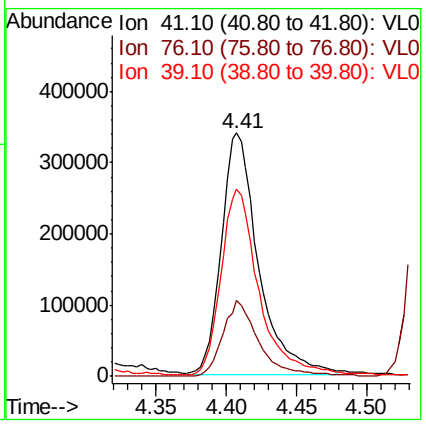


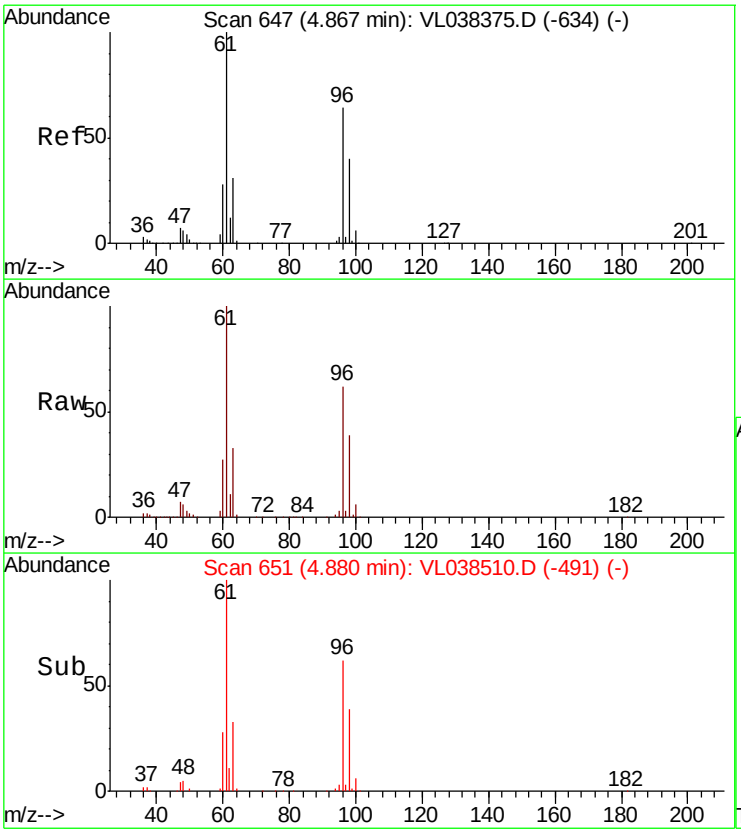
#21
Allyl Chloride
Concen: 10.496 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 626074

Ion	Ratio	Lower	Upper
41	100		
76	30.8	25.4	38.0
39	78.6	63.0	94.6

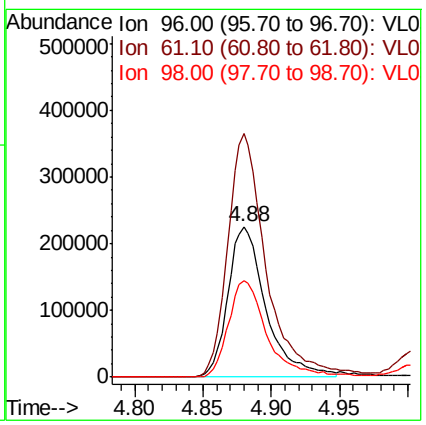


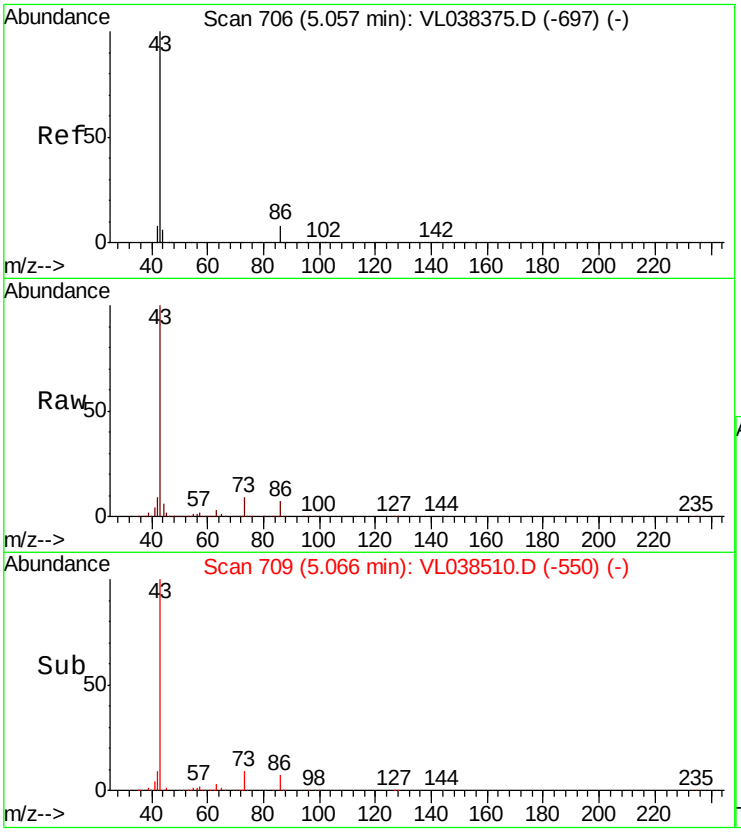


#22
trans-1,2-Dichloroethene
Concen: 10.682 ppbv
RT: 4.88 min Scan# 651
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 96 Resp: 436873

Ion	Ratio	Lower	Upper
96	100		
61	161.5	124.2	186.4
98	63.7	49.1	73.7



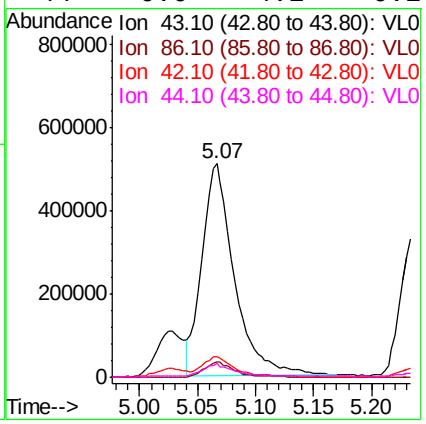


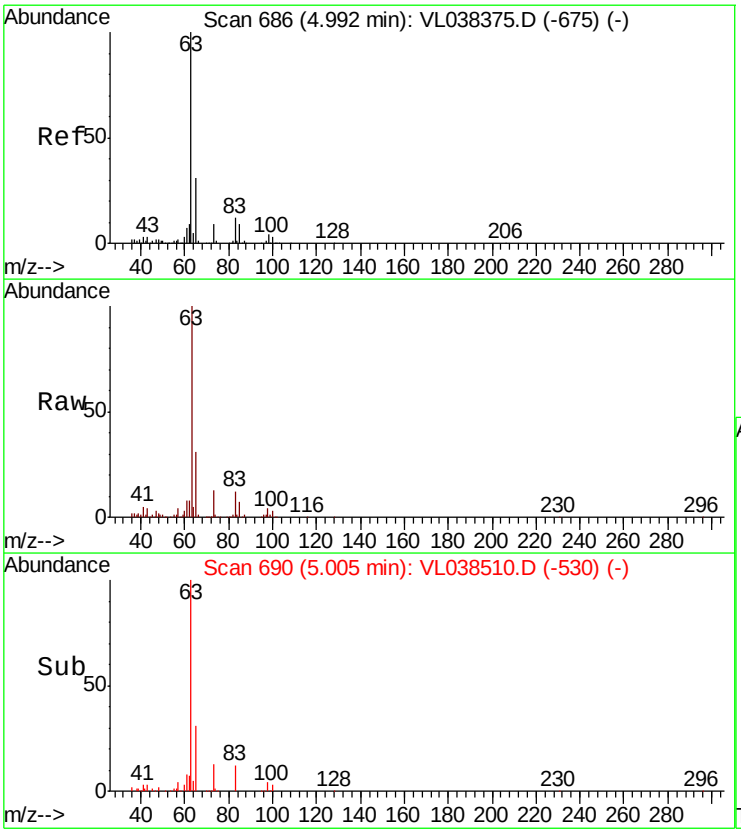
#23
Vinyl Acetate
Concen: 10.677 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 999268

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.8	8.6
42	9.2	7.4	11.0
44	6.0	4.2	6.2

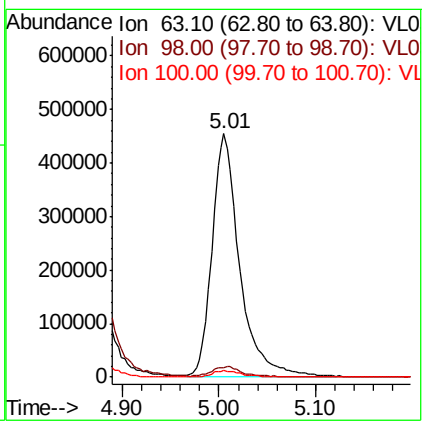


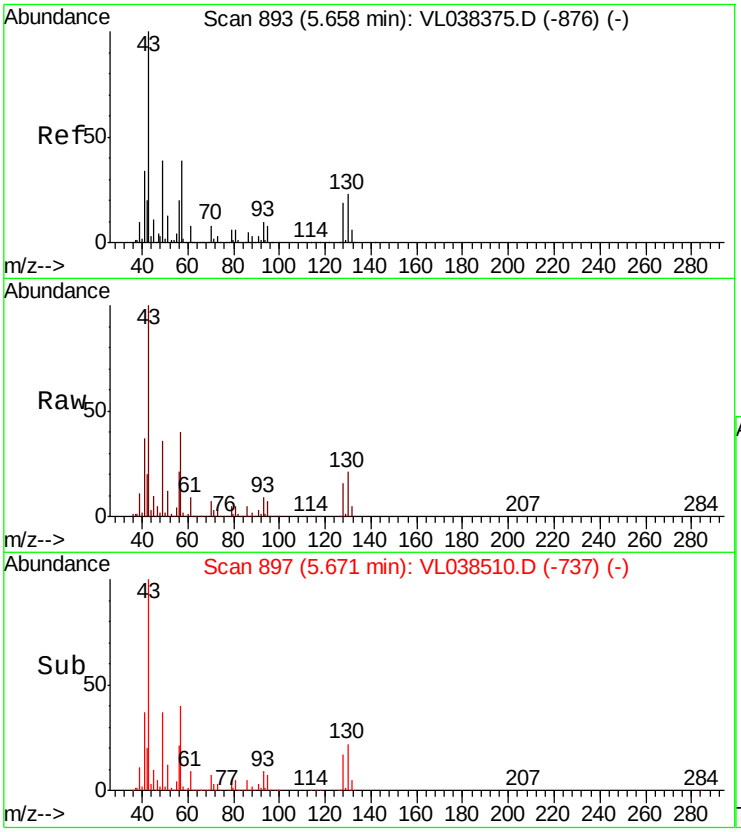


#24
1,1-Dichloroethane
Concen: 10.560 ppbv
RT: 5.01 min Scan# 690
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 63 Resp: 888530

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.5
100	2.9	1.4	4.2



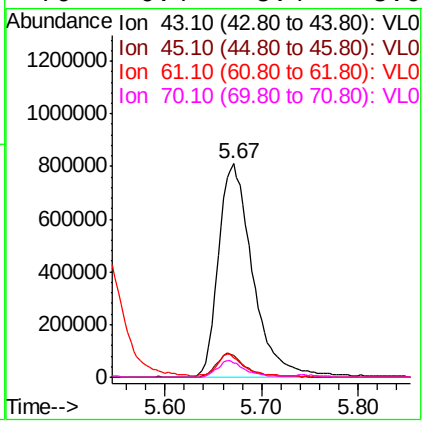


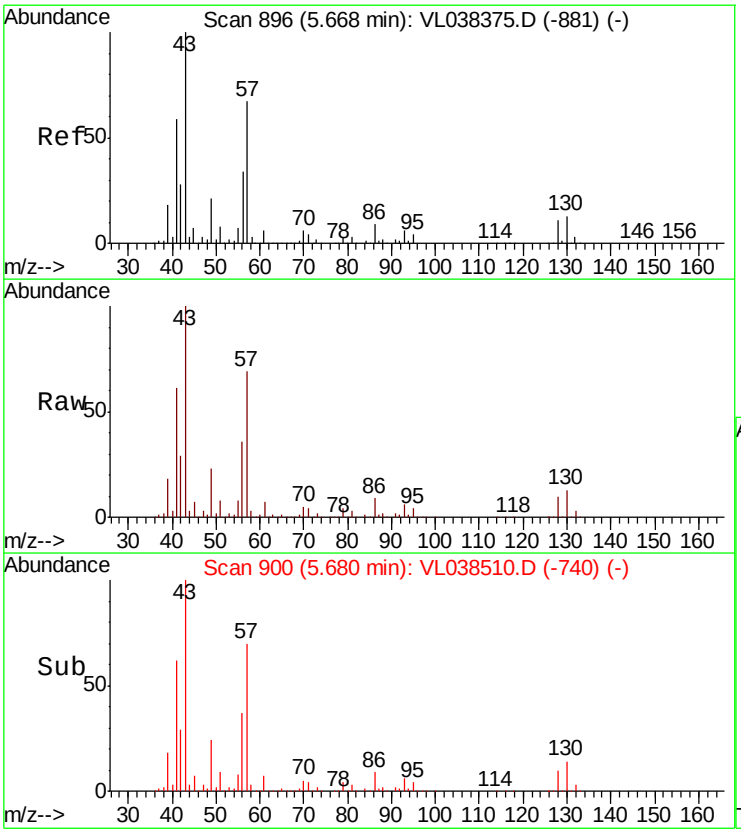
#25
Ethyl Acetate
Concen: 10.455 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1983720

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.6
61	9.3	7.5	11.3
70	6.4	5.4	8.0

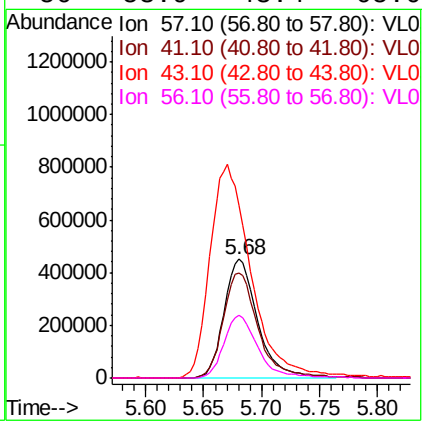


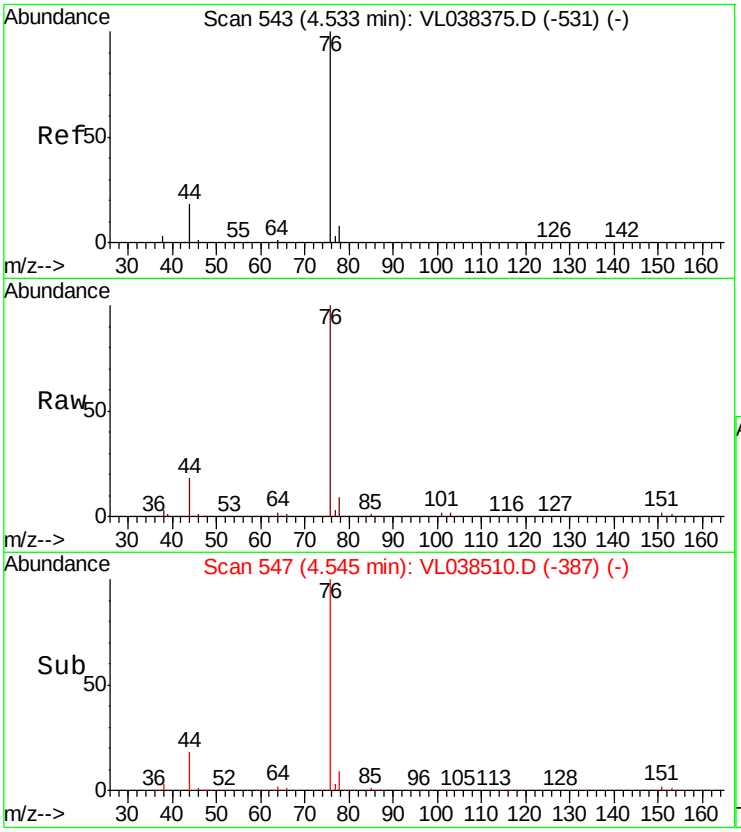


#26
Hexane
Concen: 10.508 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 57 Resp: 902843

Ion	Ratio	Lower	Upper
57	100		
41	92.6	73.1	109.7
43	222.0	181.0	271.4
56	53.9	43.4	65.0



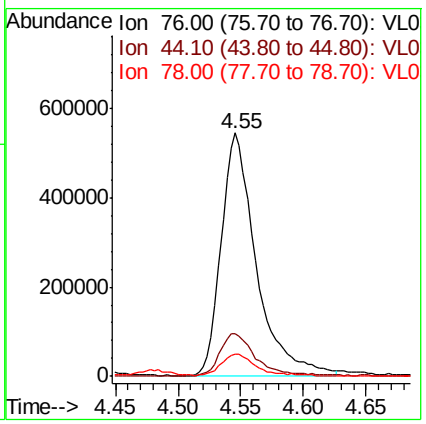


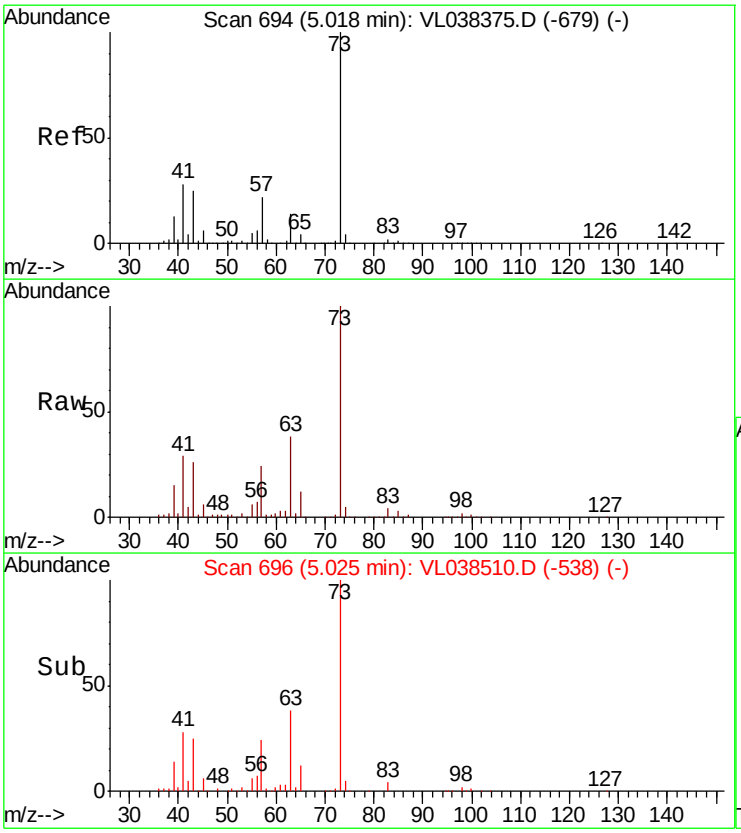
#27
Carbon Disulfide
Concen: 11.035 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1054682

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.2	21.2
78	9.7	7.8	11.6

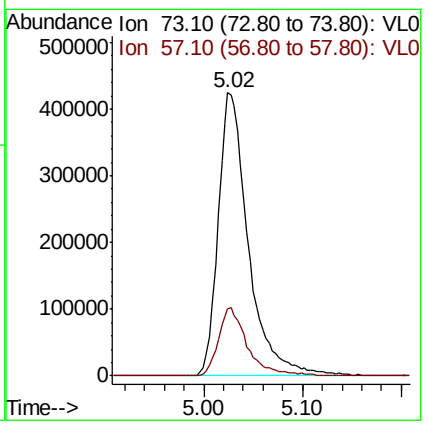


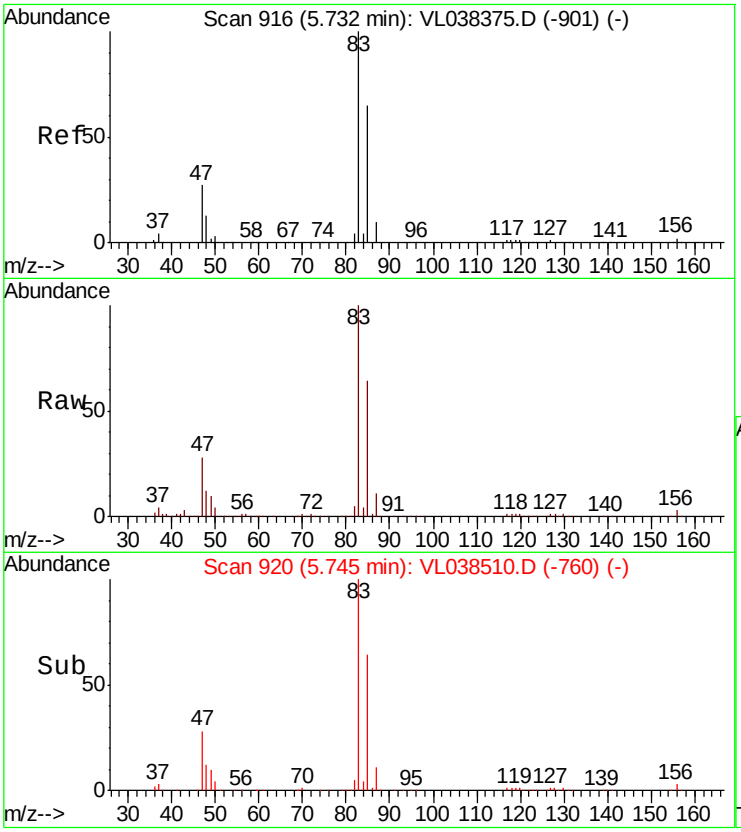


#28
Methyl tert-Butyl Ether
Concen: 10.361 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 73 Resp: 906764

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.2	27.4



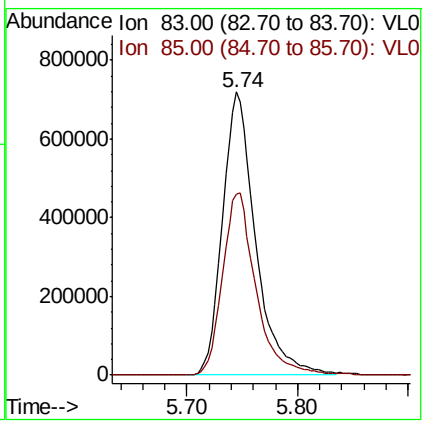


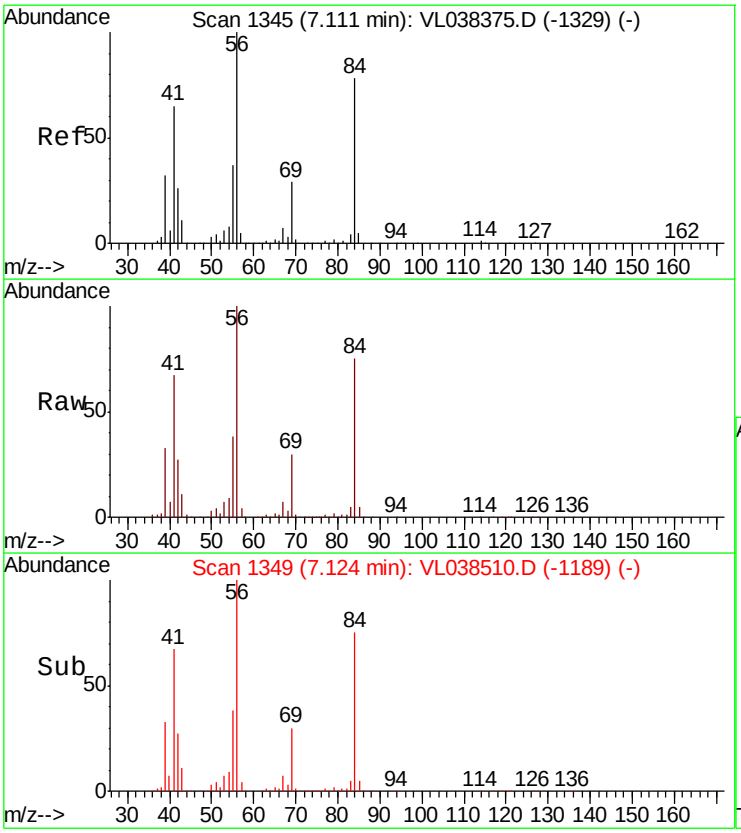
#29
Chloroform
Concen: 10.654 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 1494038

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.6	77.4

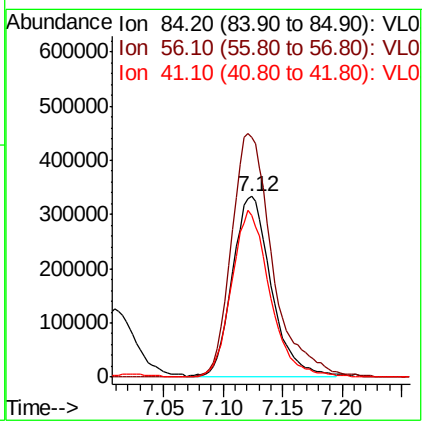


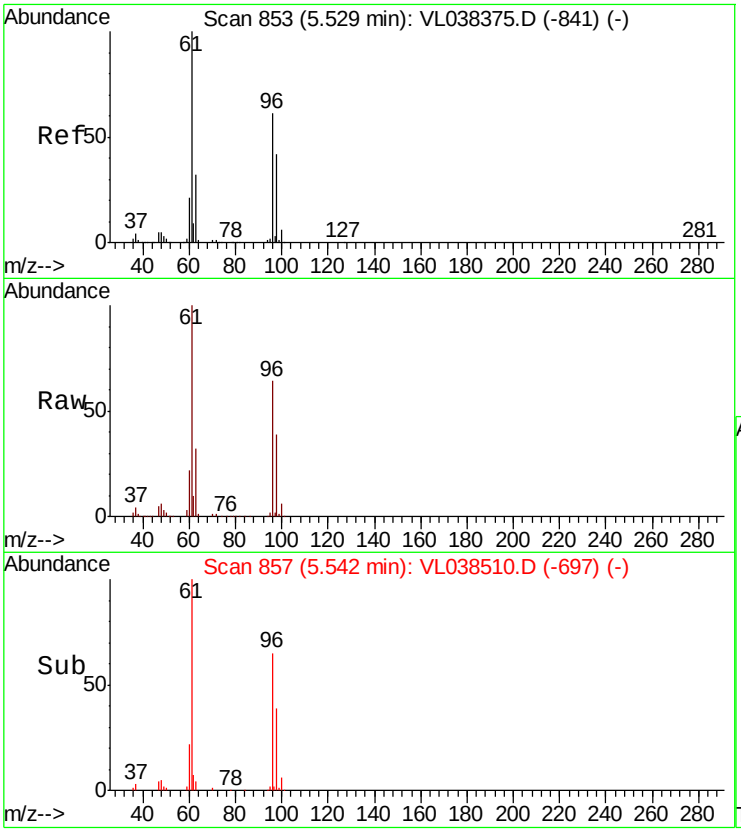


#30
Cyclohexane
Concen: 10.819 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 84 Resp: 760237

Ion	Ratio	Lower	Upper
84	100		
56	142.1	116.2	174.4
41	90.0	74.3	111.5



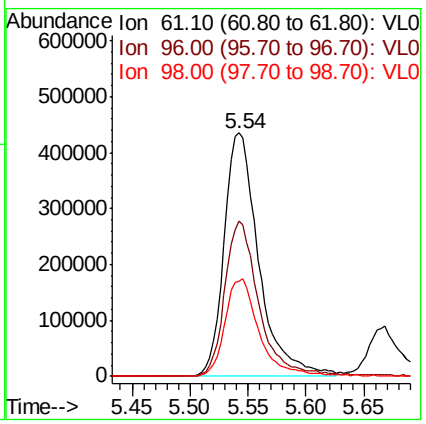


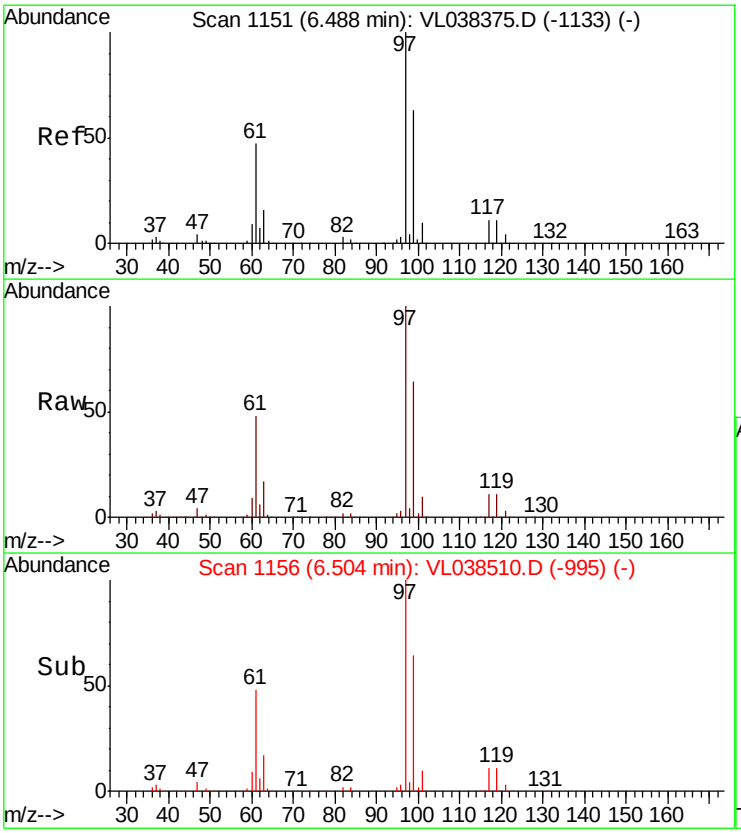
#31
cis-1,2-Dichloroethene
Concen: 10.875 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 905307

Ion	Ratio	Lower	Upper
61	100		
96	64.0	48.6	73.0
98	39.2	33.2	49.8

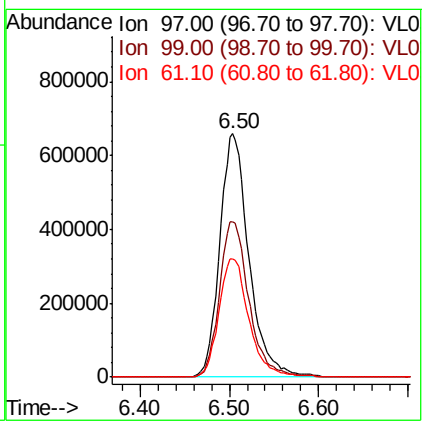


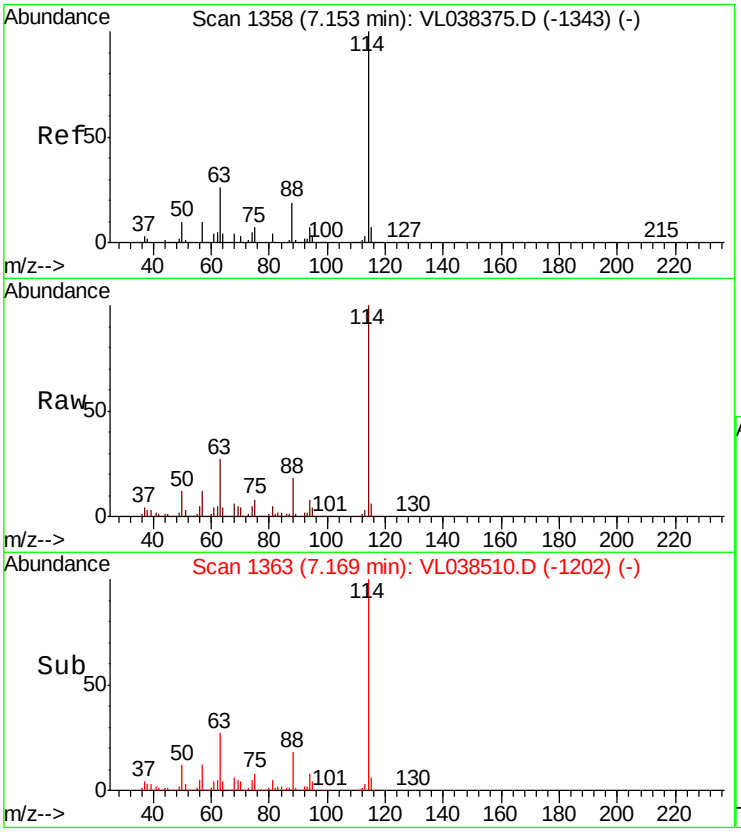


#32
1,1,1-Trichloroethane
Concen: 10.585 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 97 Resp: 1492733

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	50.2	40.5	60.7



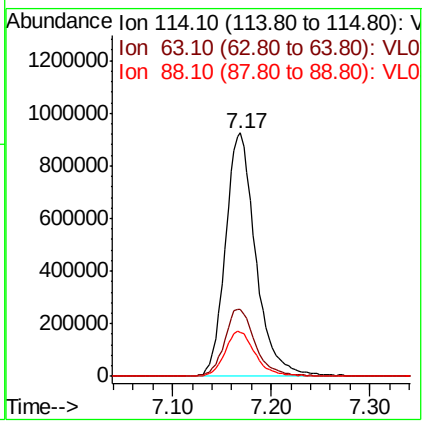


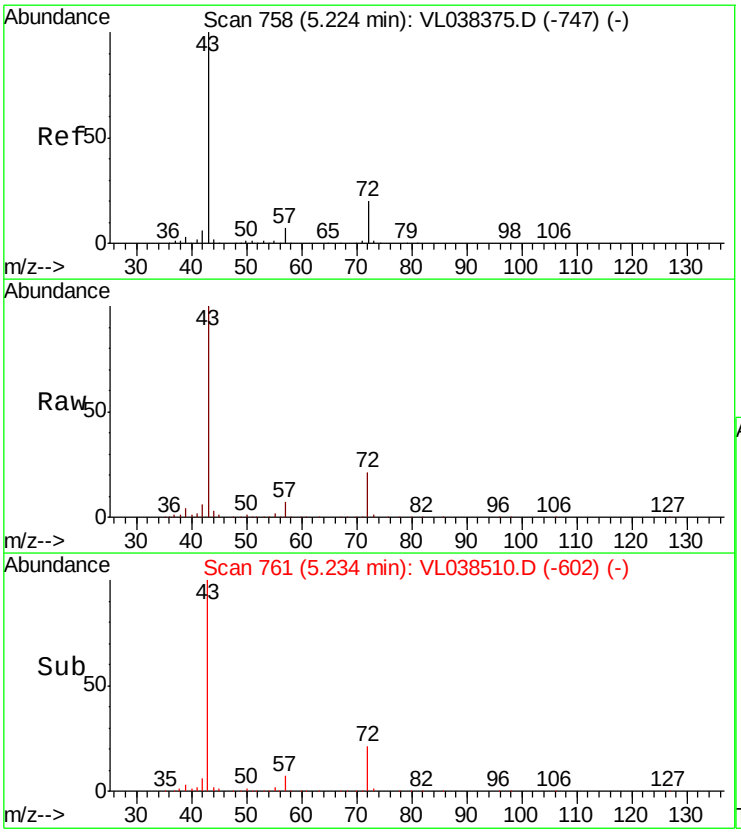
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 1981486

Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.2	33.2
88	18.7	15.2	22.8

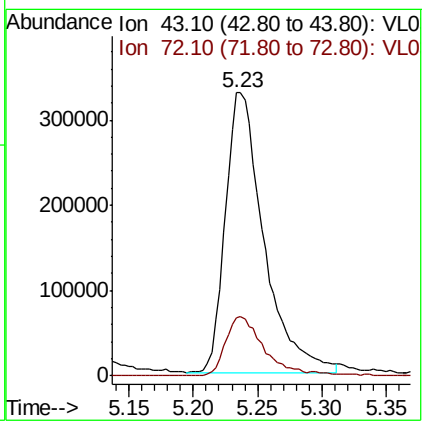


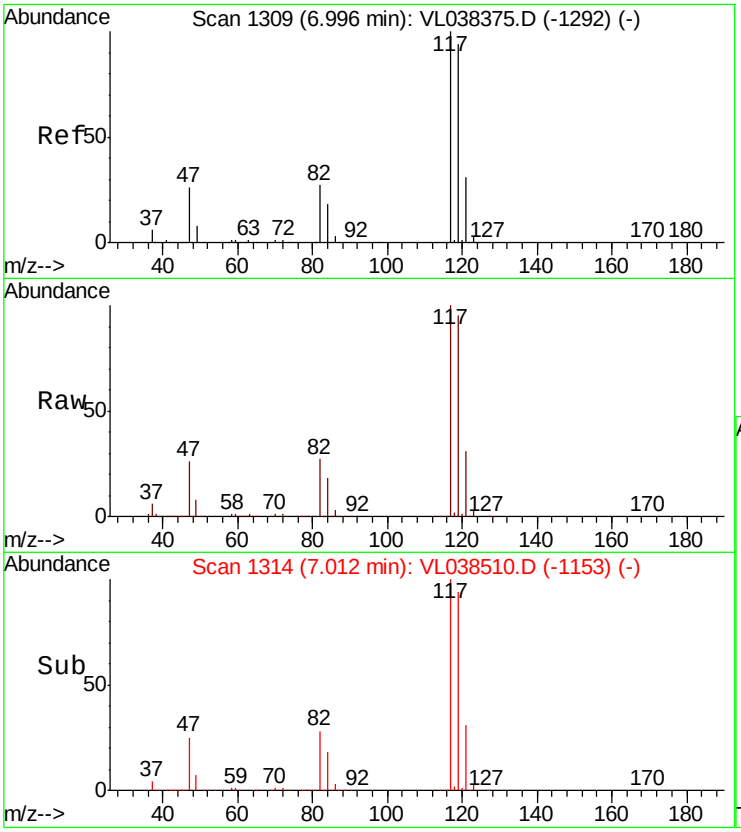


#34
2-Butanone
Concen: 10.972 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 683795

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.4	26.2



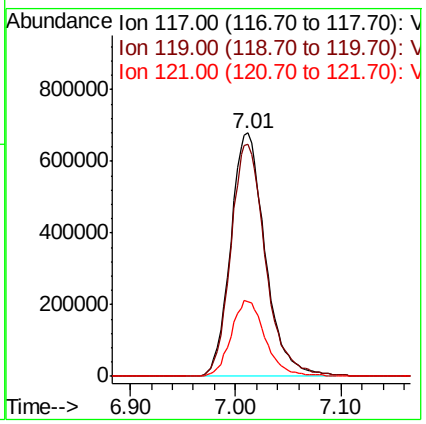


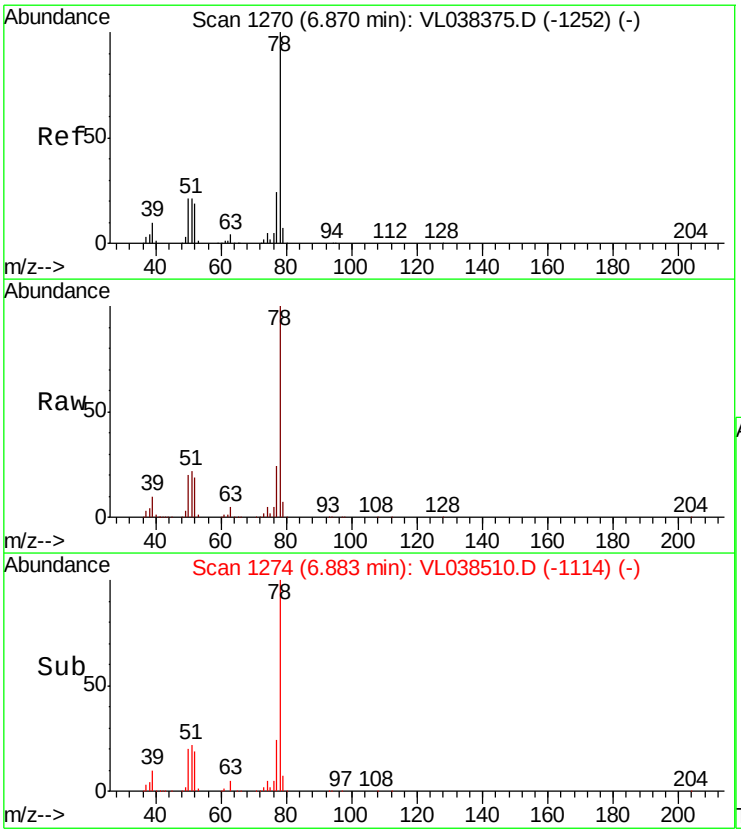
#35
Carbon Tetrachloride
Concen: 11.069 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1542291

Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.9	112.3
121	30.8	24.8	37.2

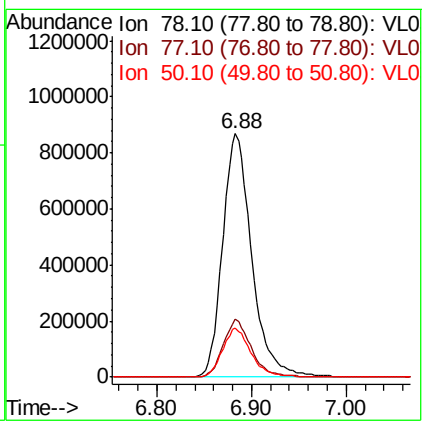


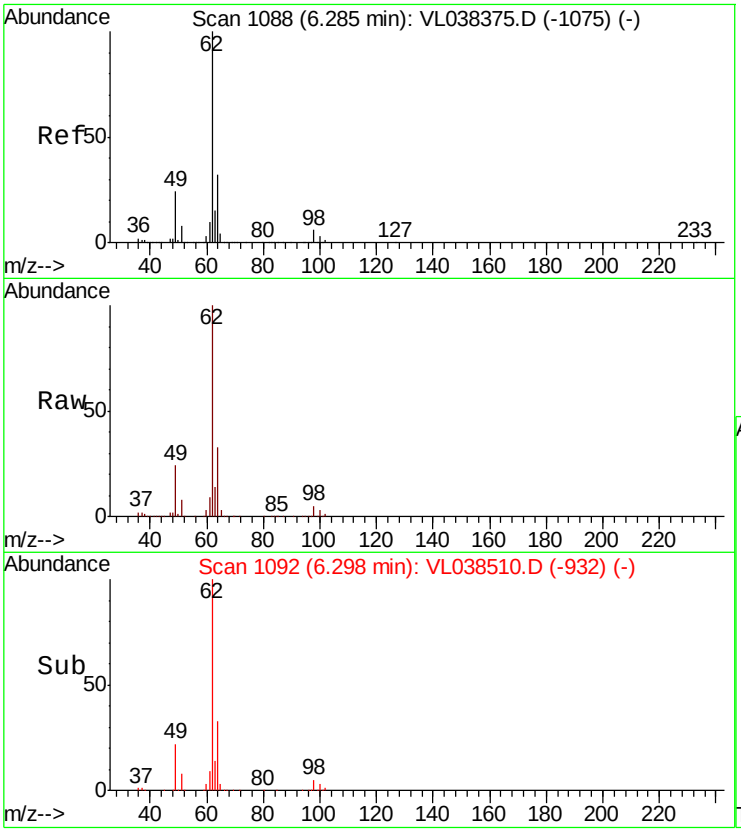


#36
Benzene
Concen: 10.638 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 78 Resp: 1855667

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6
50	20.0	16.6	24.8



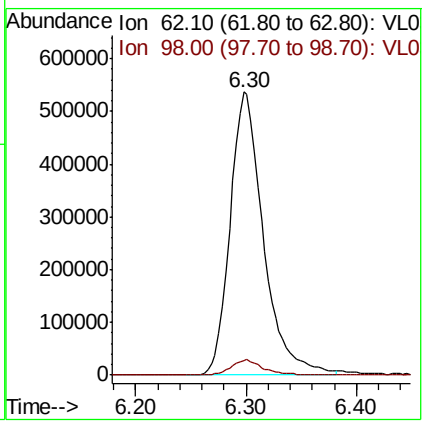


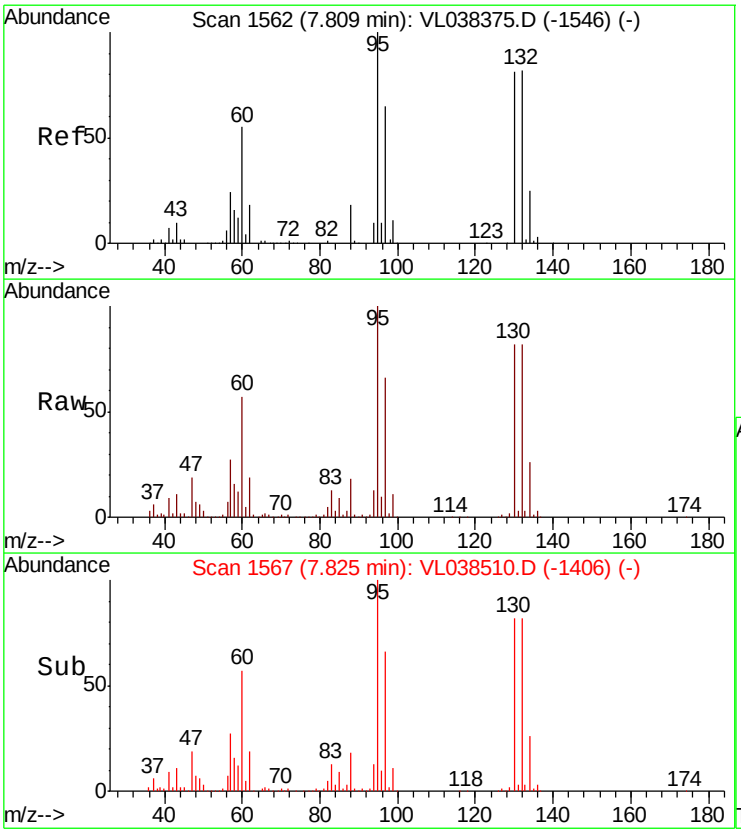
#37
1,2-Dichloroethane
Concen: 11.165 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 1125417

Ion	Ratio	Lower	Upper
62	100		
98	5.4	4.6	7.0

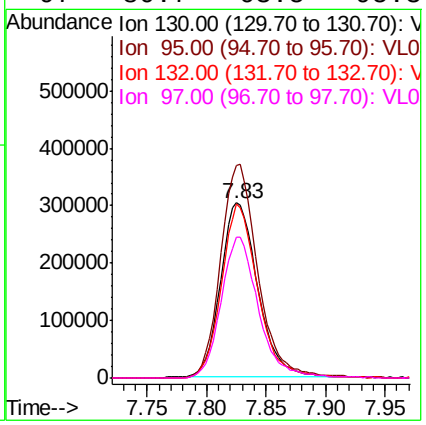


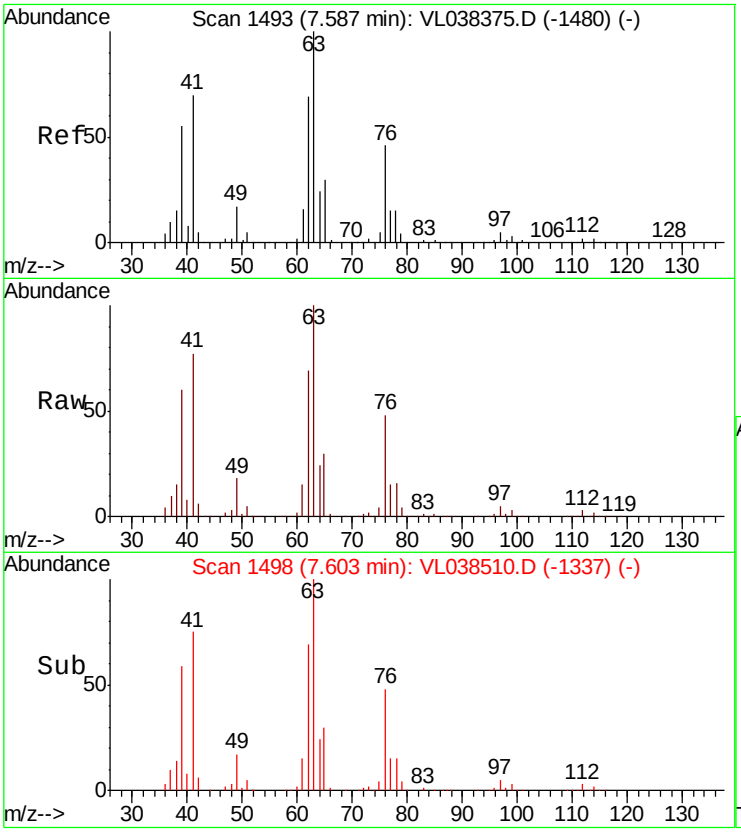


#38
Trichloroethene
Concen: 10.238 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:130 Resp: 650529

Ion	Ratio	Lower	Upper
130	100		
95	121.6	98.1	147.1
132	99.5	80.3	120.5
97	80.7	63.5	95.3



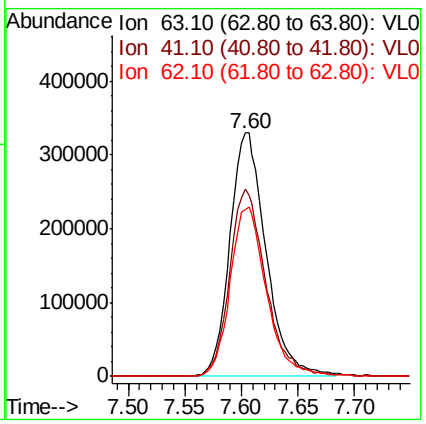


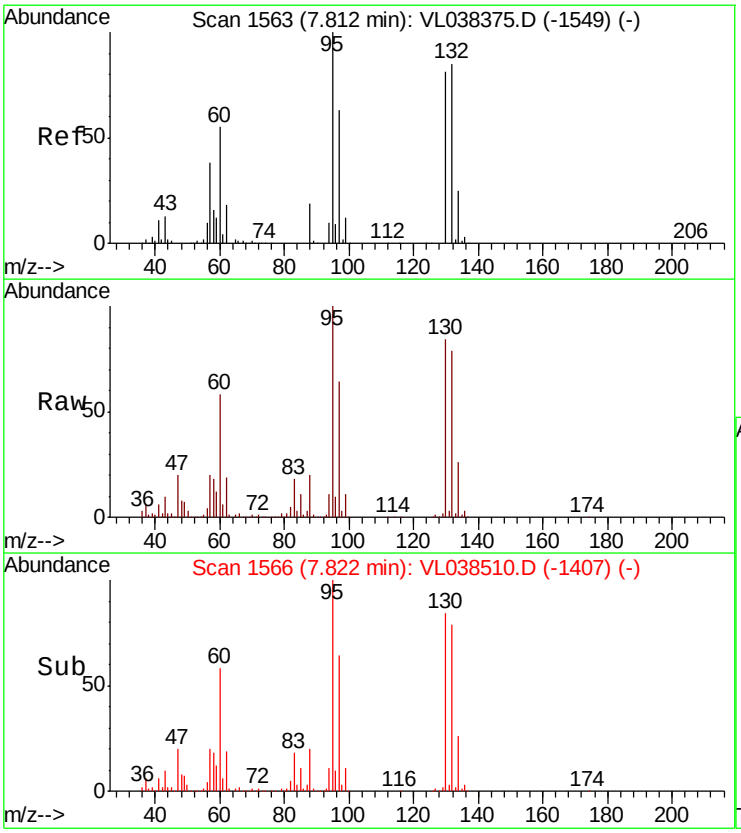
#39
1,2-Dichloropropane
Concen: 10.577 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 734871

Ion	Ratio	Lower	Upper
63	100		
41	76.7	56.1	84.1
62	68.5	55.5	83.3

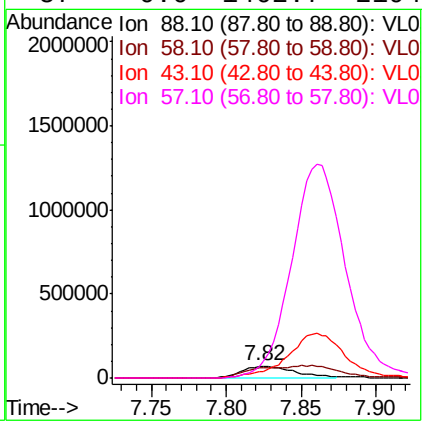


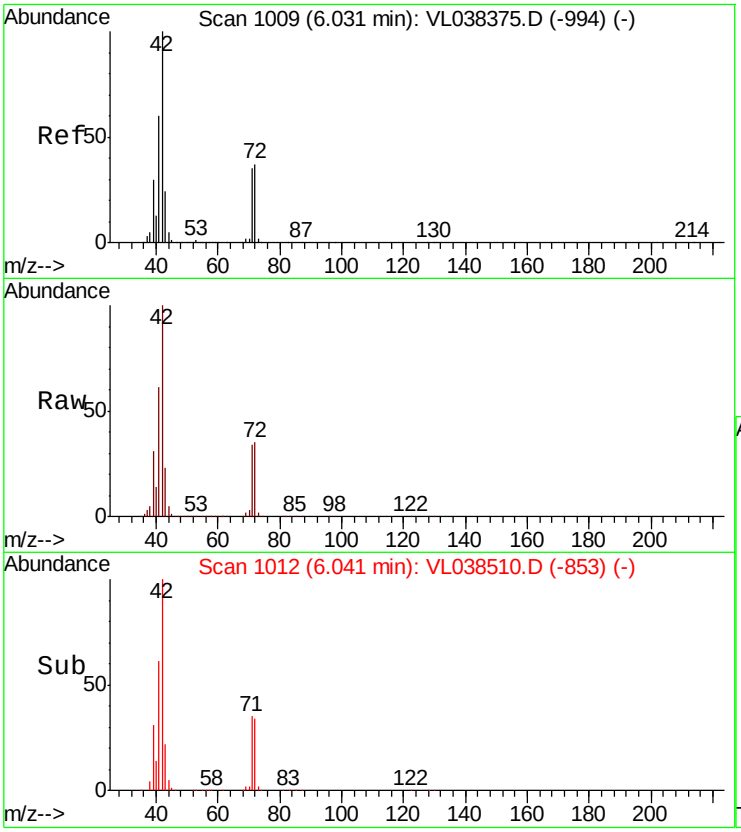


#40
1,4-Dioxane
Concen: 10.465 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 88 Resp: 172461

Ion	Ratio	Lower	Upper
88	100		
58	0.0	133.2	199.8#
43	0.0	330.6	496.0#
57	0.0	1462.7	2194.1#



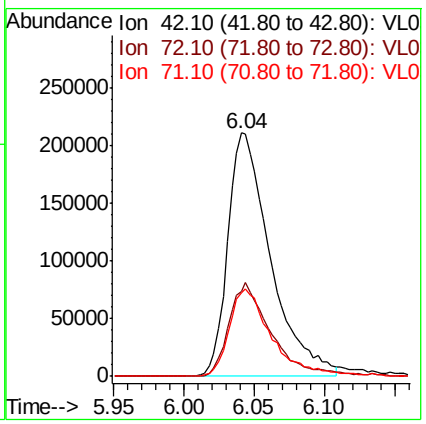


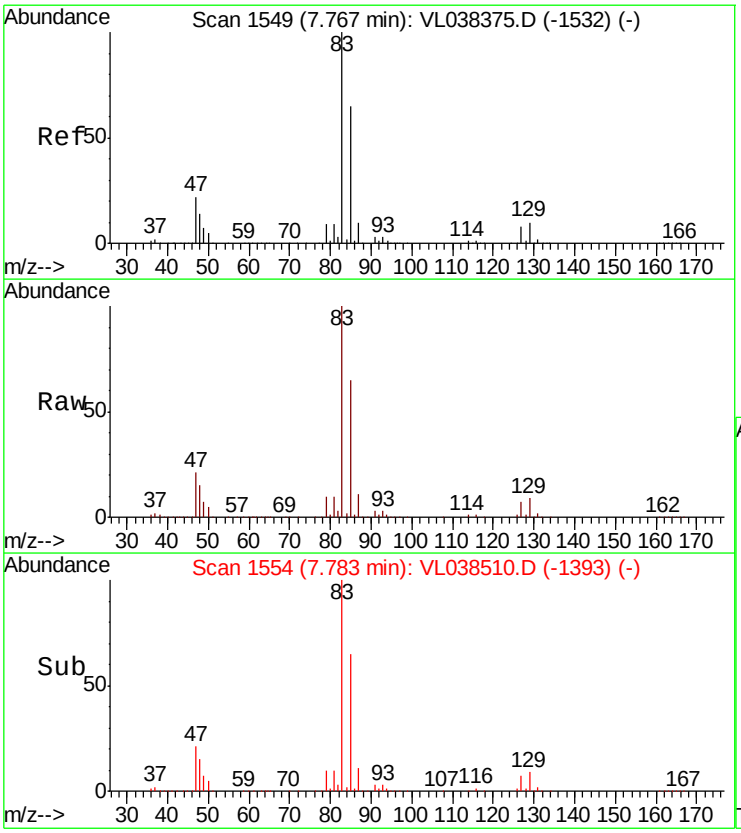
#41
Tetrahydrofuran
Concen: 10.624 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 447336

Ion	Ratio	Lower	Upper
42	100		
72	38.1	29.9	44.9
71	36.3	28.6	42.8

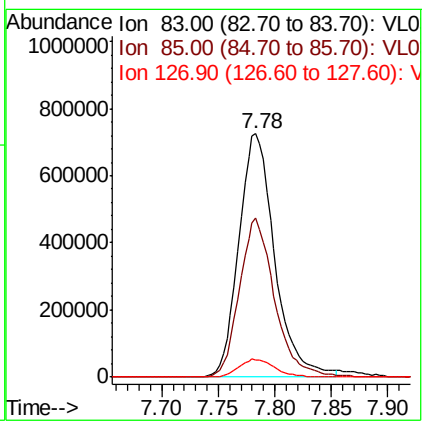


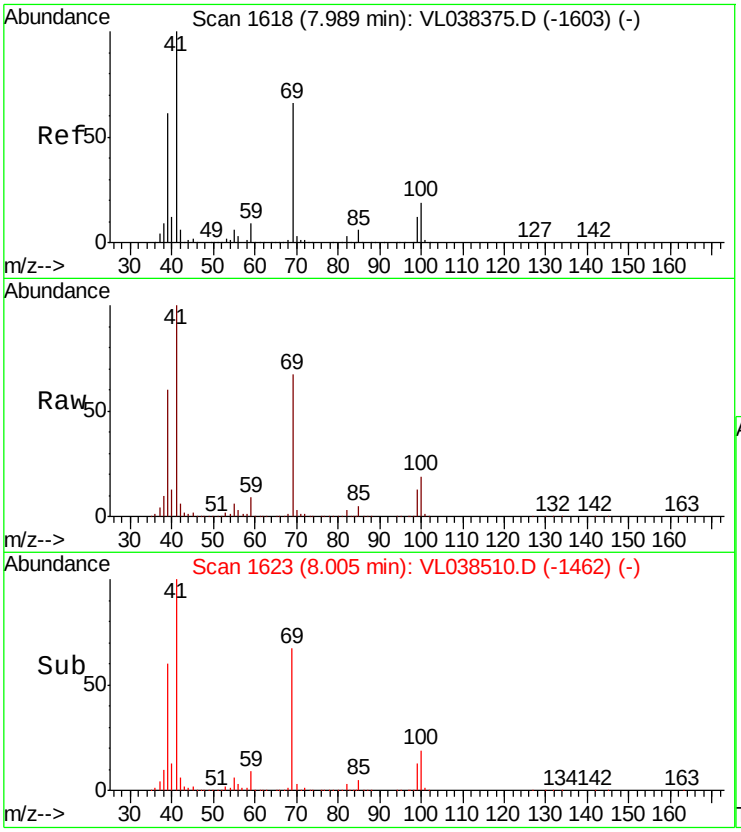


#42
Bromodichloromethane
Concen: 11.009 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 83 Resp: 1602504

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.2	78.4
127	7.2	6.2	9.4



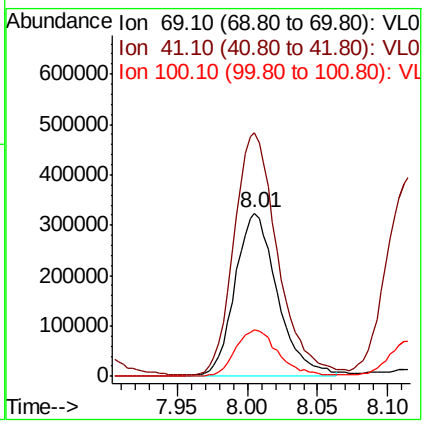


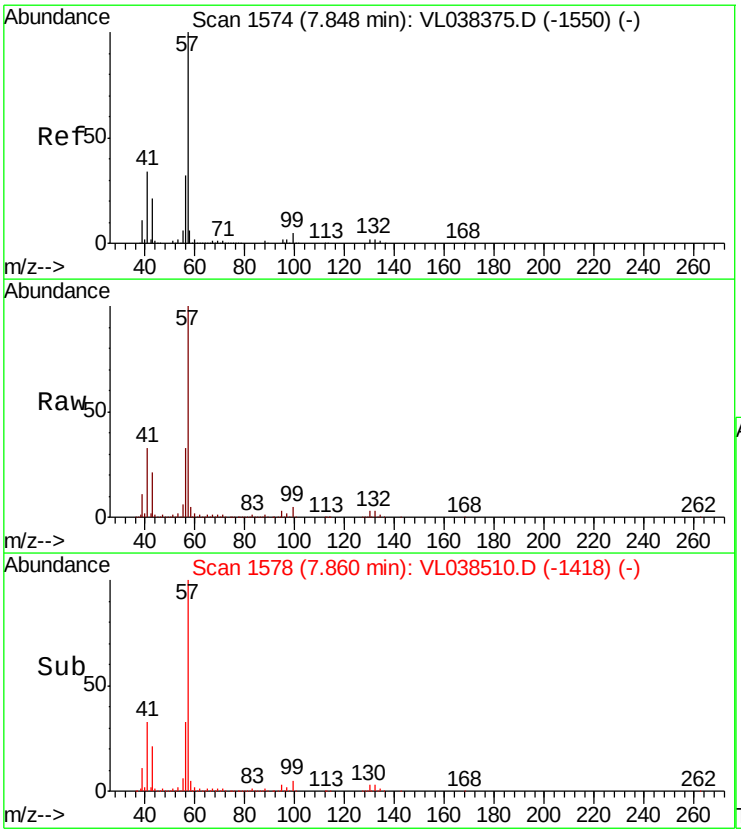
#43
Methyl Methacrylate
Concen: 11.270 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 683434

Ion	Ratio	Lower	Upper
69	100		
41	153.3	122.9	184.3
100	29.2	23.6	35.4

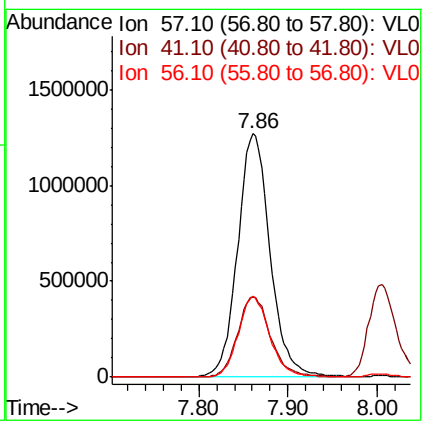


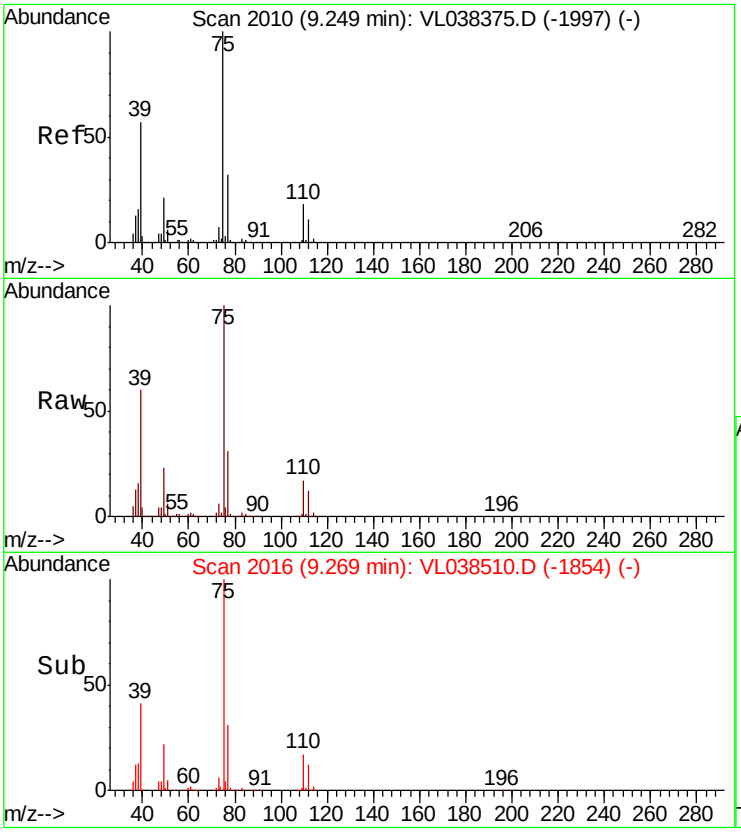


#44
2,2,4-Trimethylpentane
Concen: 10.715 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 57 Resp: 3212505

Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.6	39.8
56	32.2	25.0	37.6



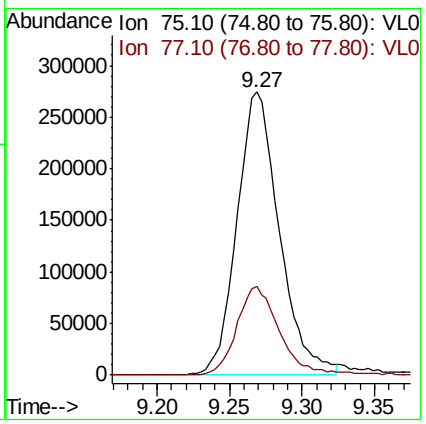


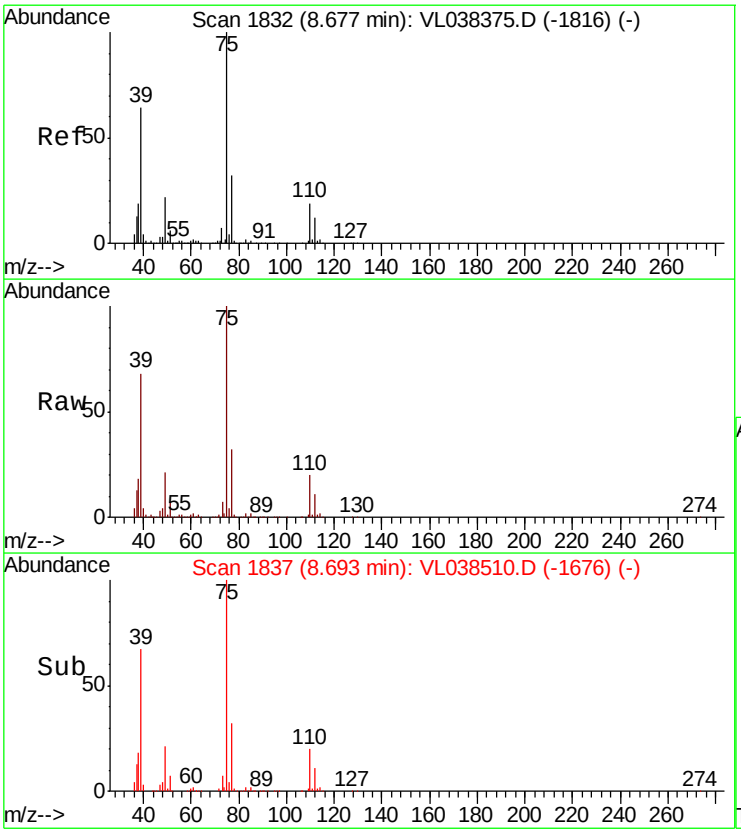
#45
t-1,3-Dichloropropene
Concen: 11.516 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 558115

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0

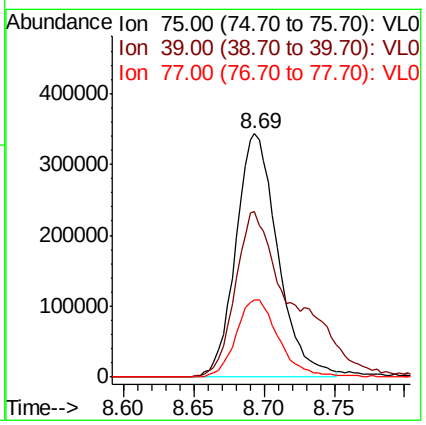


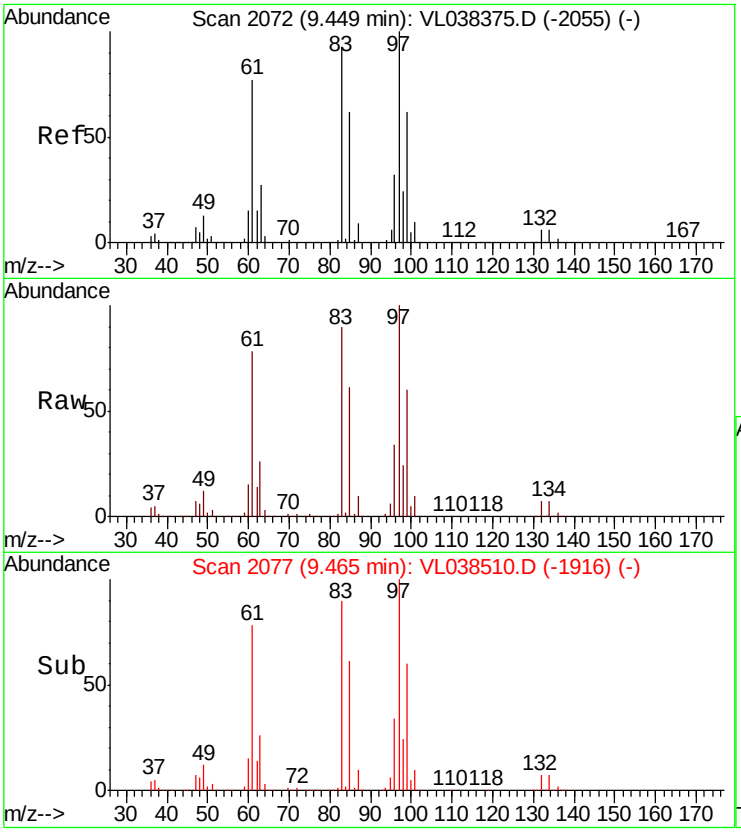


#46
cis-1,3-Dichloropropene
Concen: 11.248 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 75 Resp: 714440

Ion	Ratio	Lower	Upper
75	100		
39	67.7	51.4	77.2
77	31.6	25.4	38.2



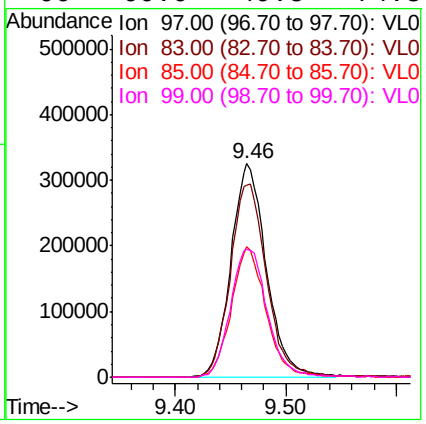


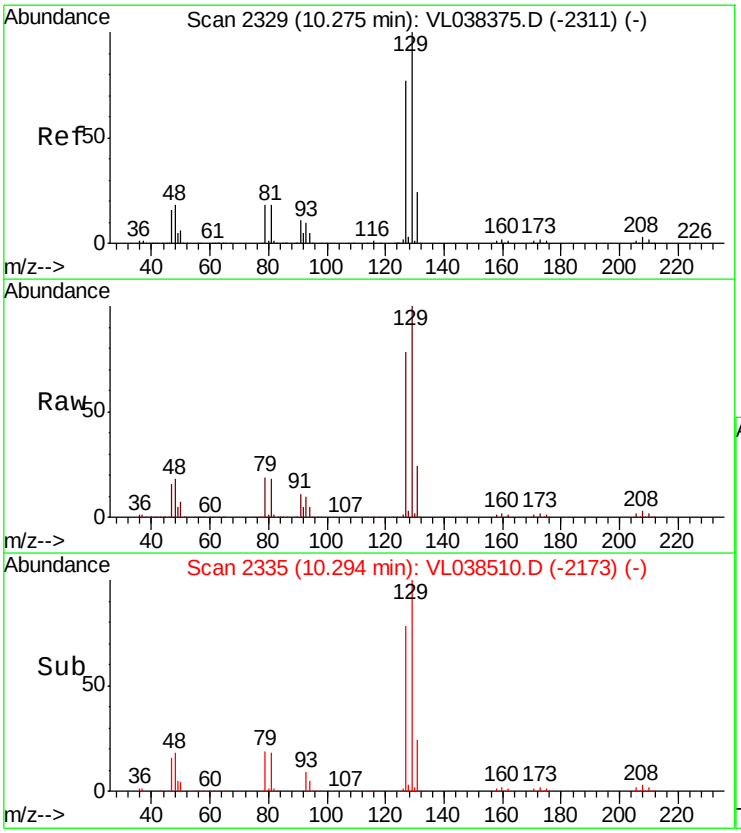
#47
1,1,2-Trichloroethane
Concen: 10.480 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 724449

Ion	Ratio	Lower	Upper
97	100		
83	89.7	74.2	111.4
85	61.0	49.8	74.8
99	60.0	49.5	74.3

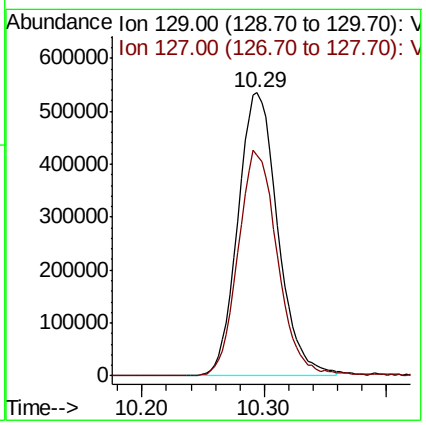


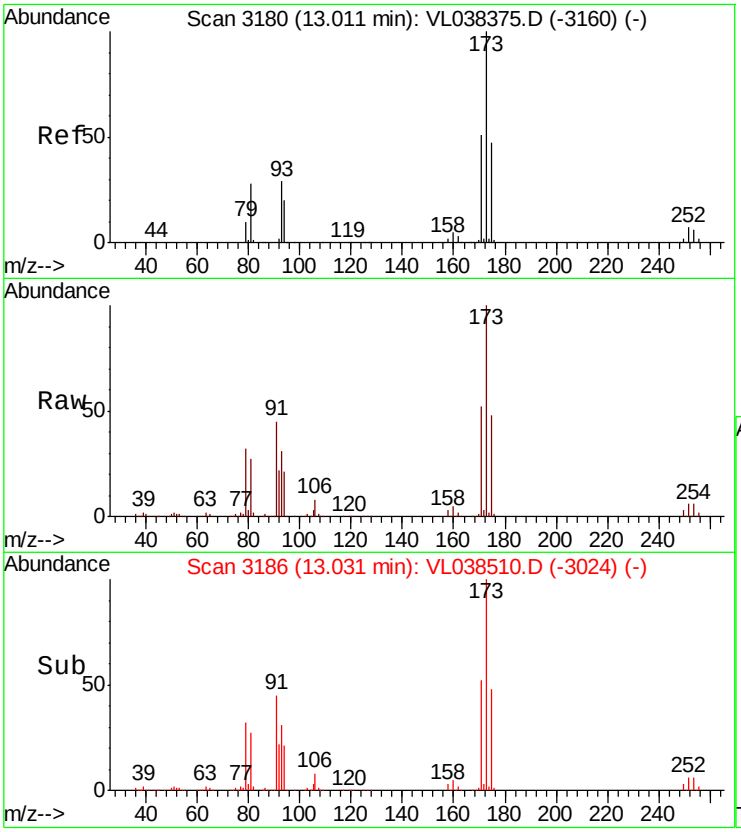


#48
Dibromochloromethane
Concen: 10.698 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:129 Resp: 1209210

Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.4	118.1



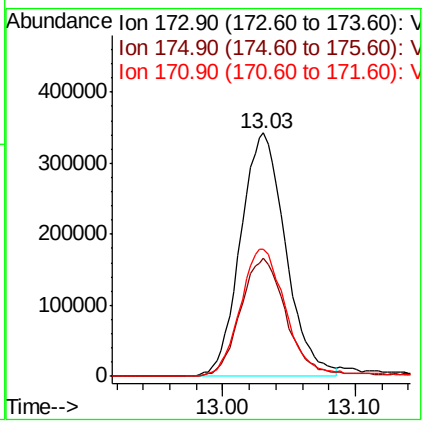


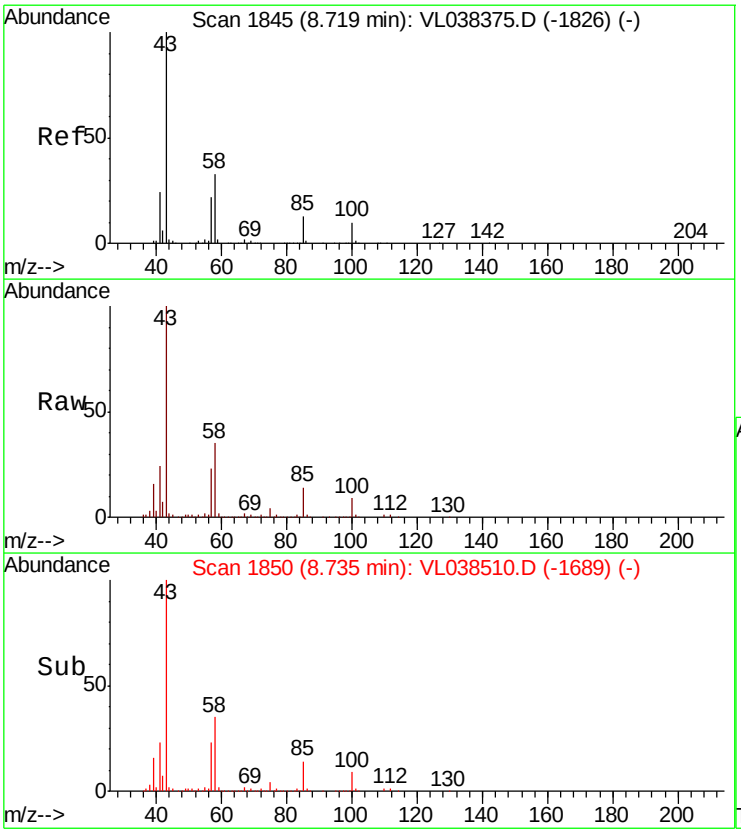
#49
Bromoform
Concen: 9.730 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 811752

Ion	Ratio	Lower	Upper
173	100		
175	51.1	40.2	60.2
171	55.2	42.7	64.1

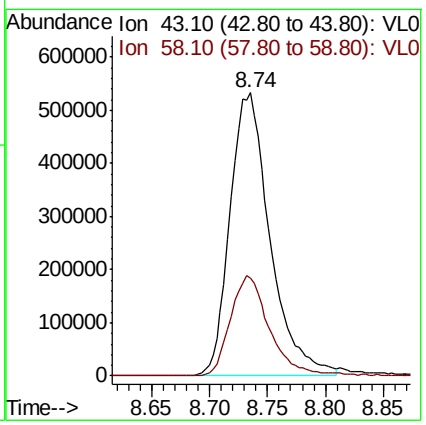


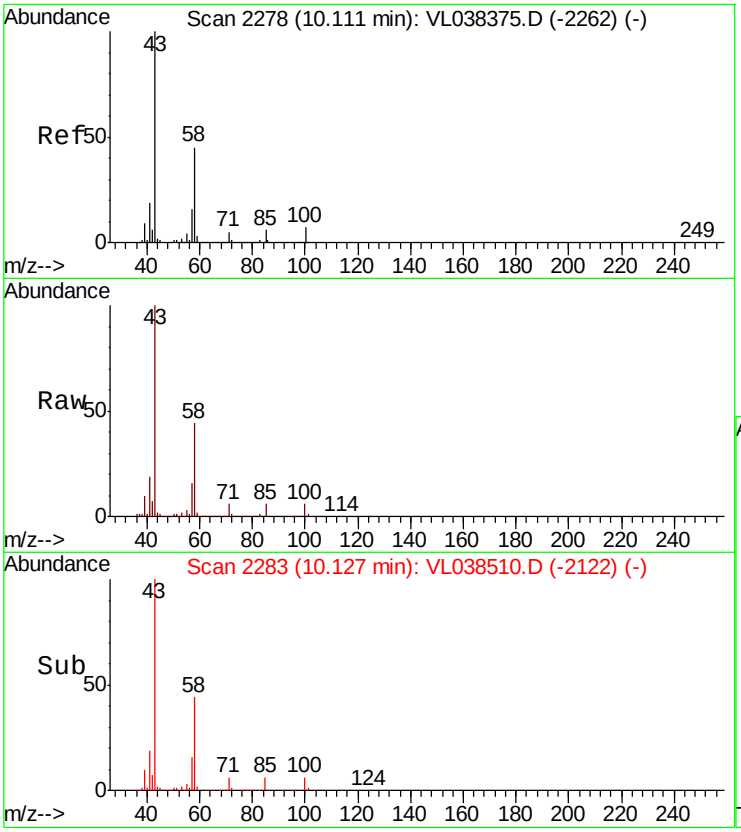


#50
4-Methyl-2-Pentanone
Concen: 11.550 ppbv
RT: 8.74 min Scan# 1850
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 1272627

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.7	41.5



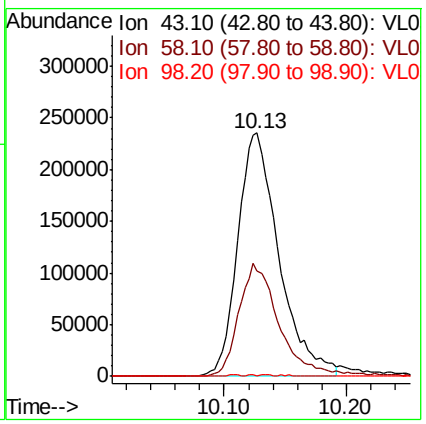


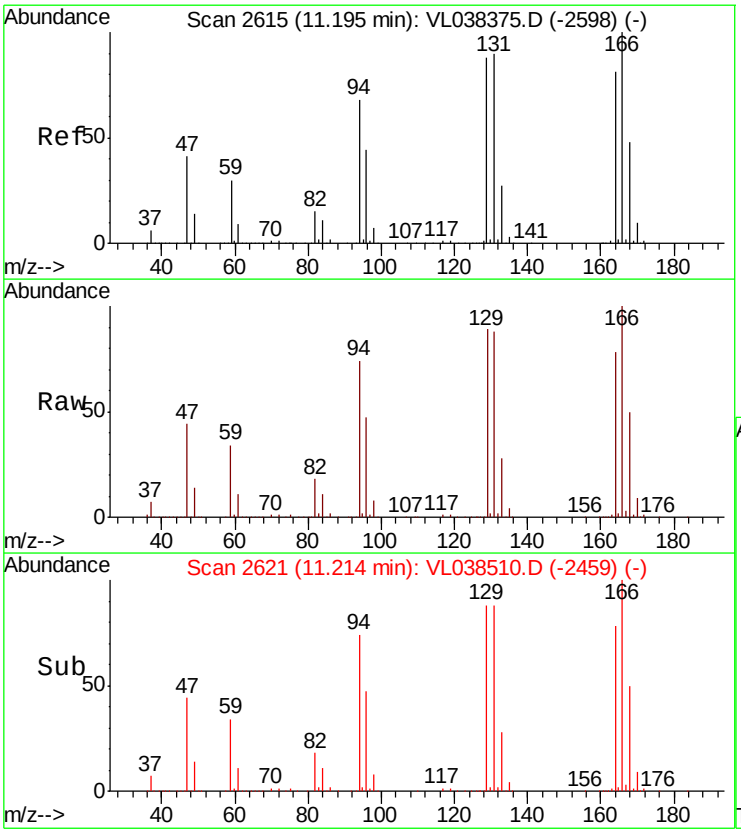
#51
2-Hexanone
Concen: 11.146 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 549835

Ion	Ratio	Lower	Upper
43	100		
58	46.0	37.4	56.0
98	0.6	0.1	0.1#

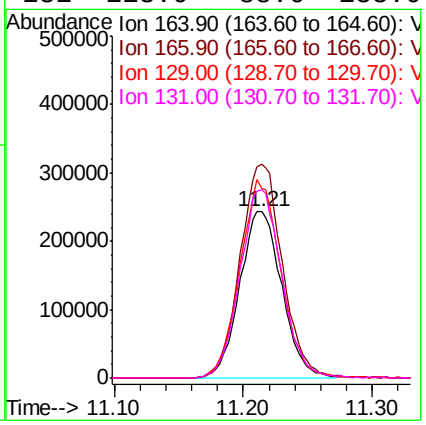


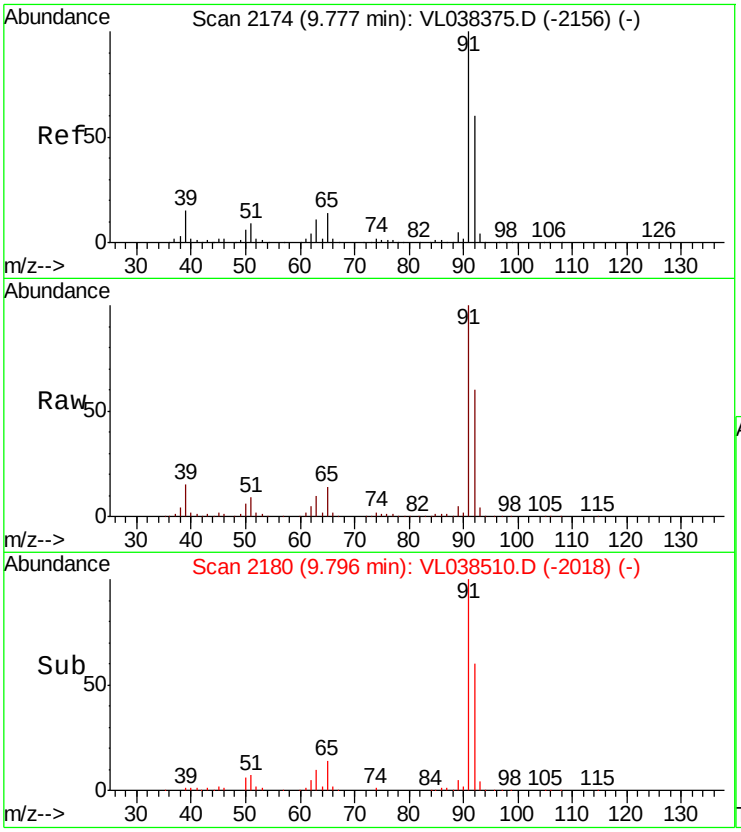


#52
Tetrachloroethene
Concen: 9.549 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:164 Resp: 552961

Ion	Ratio	Lower	Upper
164	100		
166	128.4	98.6	148.0
129	113.6	86.9	130.3
131	113.0	88.6	133.0



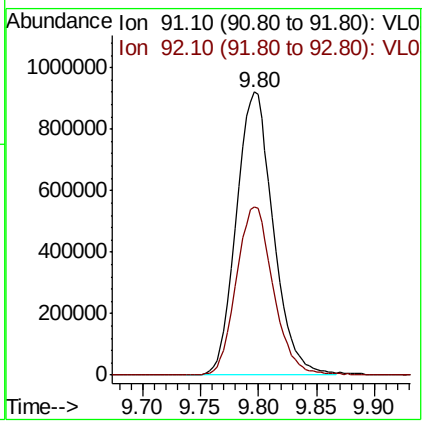


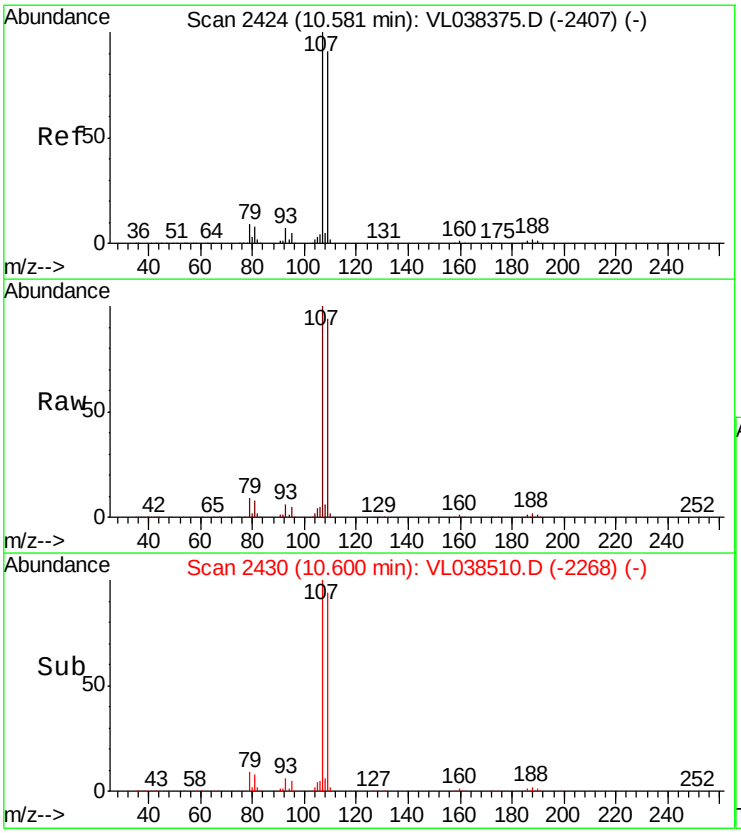
#53
Toluene
Concen: 10.769 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2039550

Ion	Ratio	Lower	Upper
91	100		
92	60.0	48.2	72.4

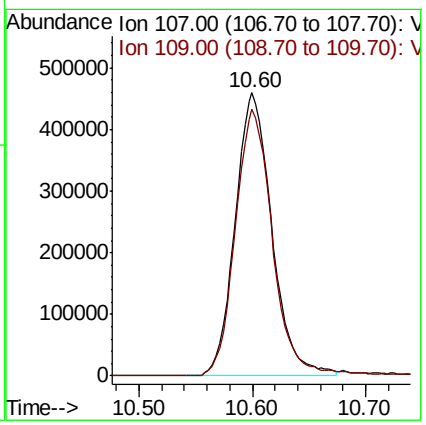


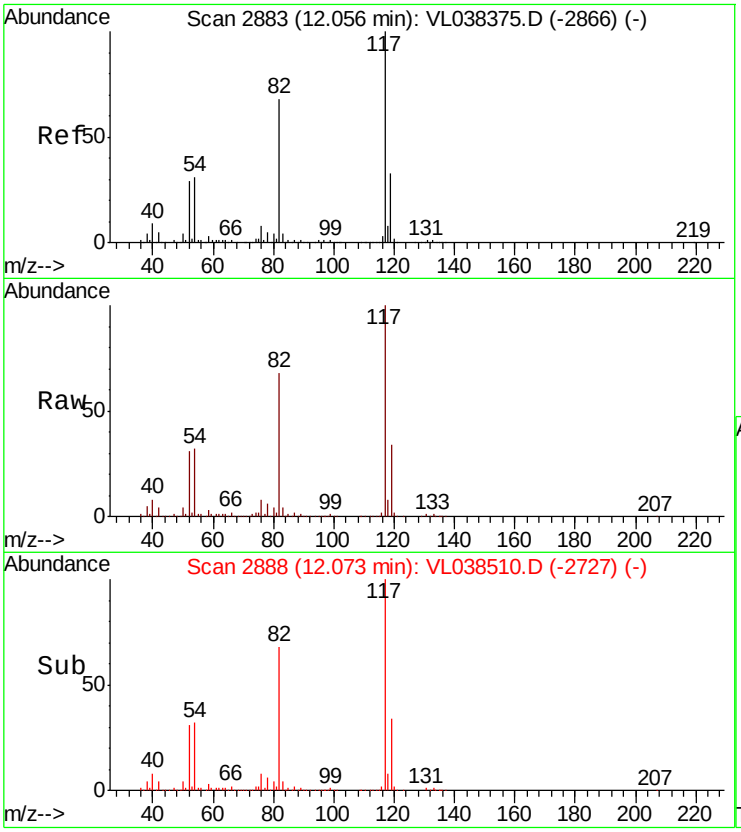


#54
1,2-Dibromoethane
Concen: 10.663 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:107 Resp: 1037599

Ion	Ratio	Lower	Upper
107	100		
109	94.4	73.0	109.6



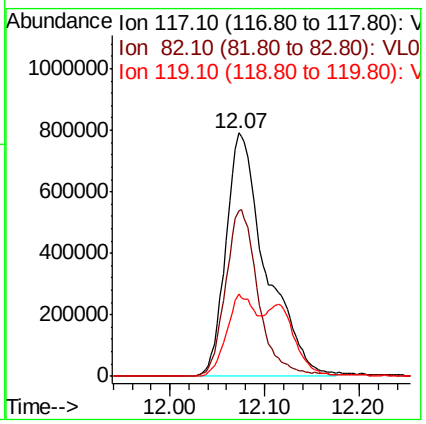


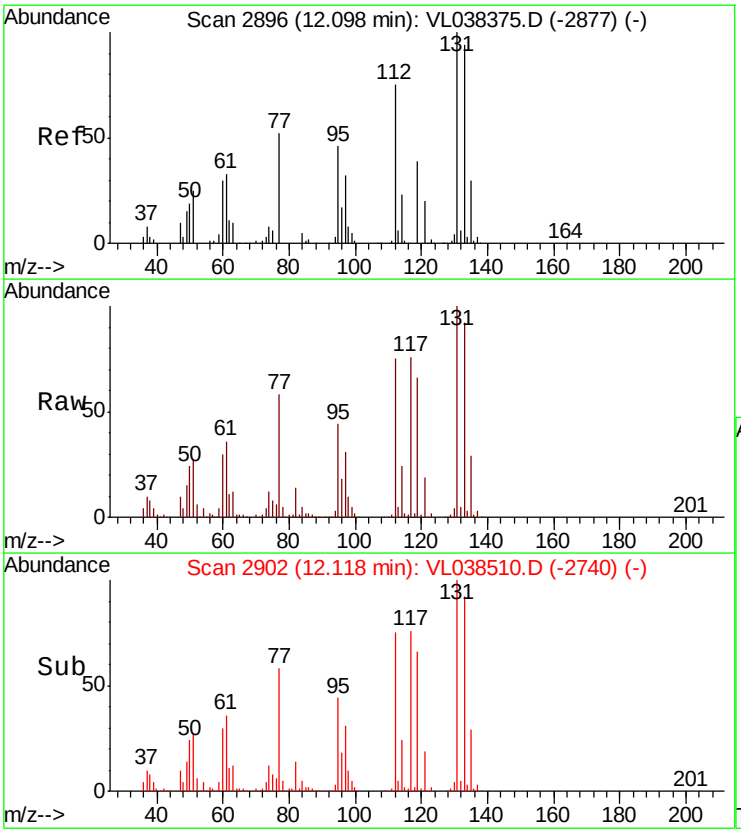
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2333573

Ion	Ratio	Lower	Upper
117	100		
82	57.3	54.9	82.3
119	24.5	46.1	69.1#

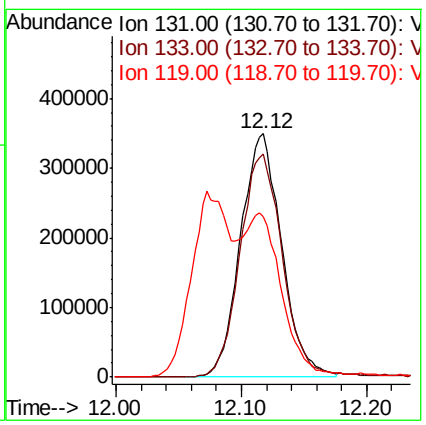


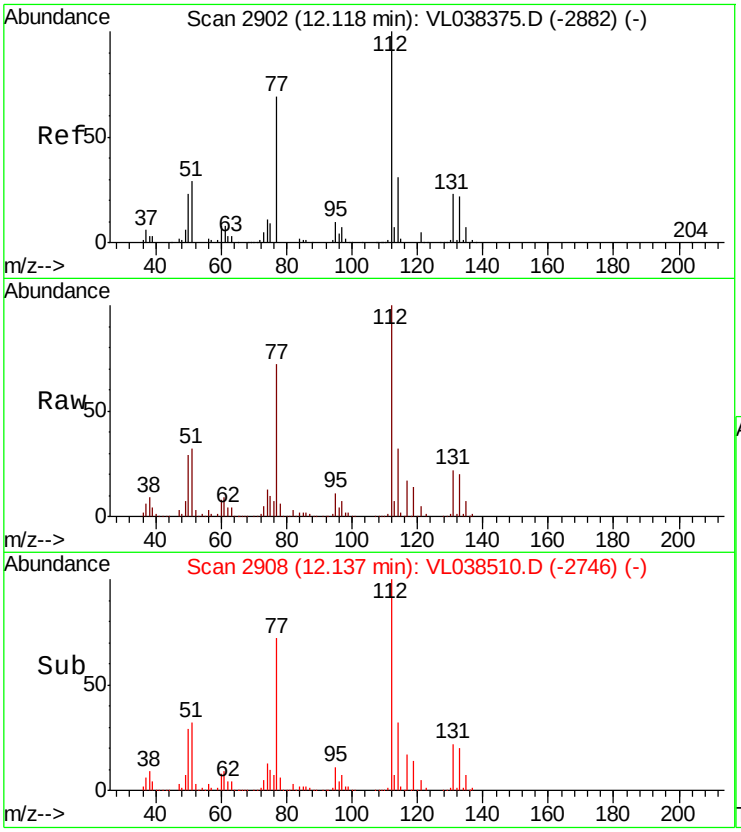


#56
1,1,1,2-Tetrachloroethane
Concen: 8.191 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:131 Resp: 796730

Ion	Ratio	Lower	Upper
131	100		
133	95.8	77.3	115.9
119	67.3	48.6	73.0



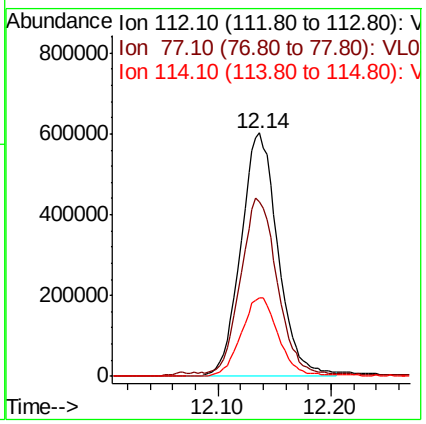


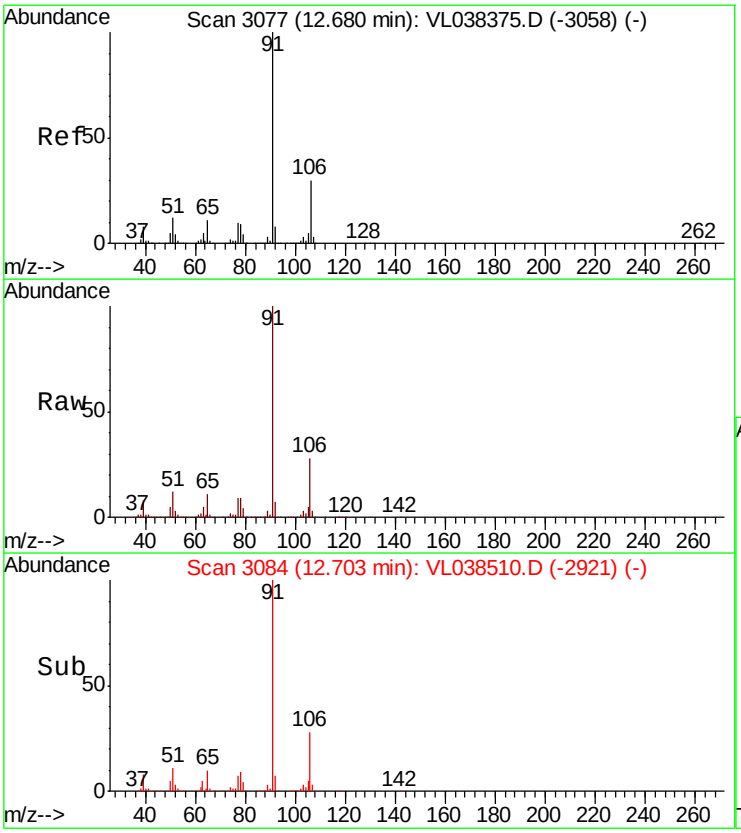
#57
Chlorobenzene
Concen: 7.622 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 1372380

Ion	Ratio	Lower	Upper
112	100		
77	70.5	55.2	82.8
114	32.3	27.9	34.1

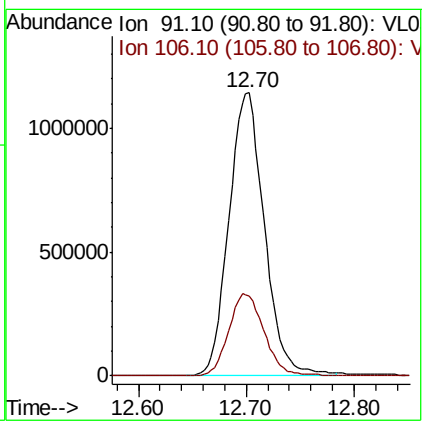


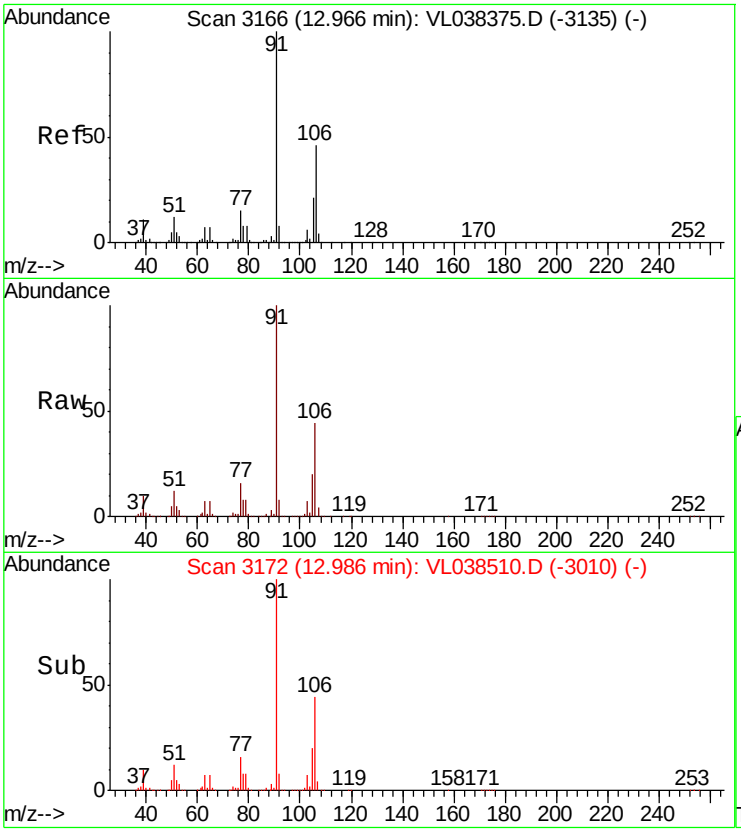


#58
Ethyl Benzene
Concen: 8.219 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2622611

Ion	Ratio	Lower	Upper
91	100		
106	28.1	24.0	36.0



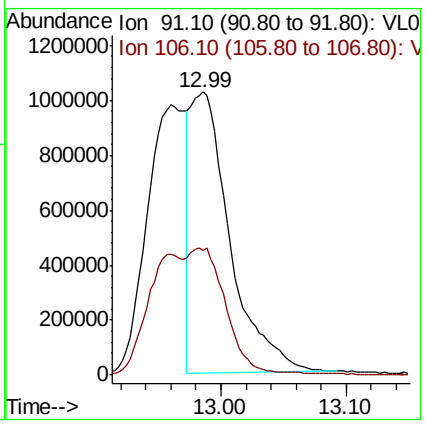


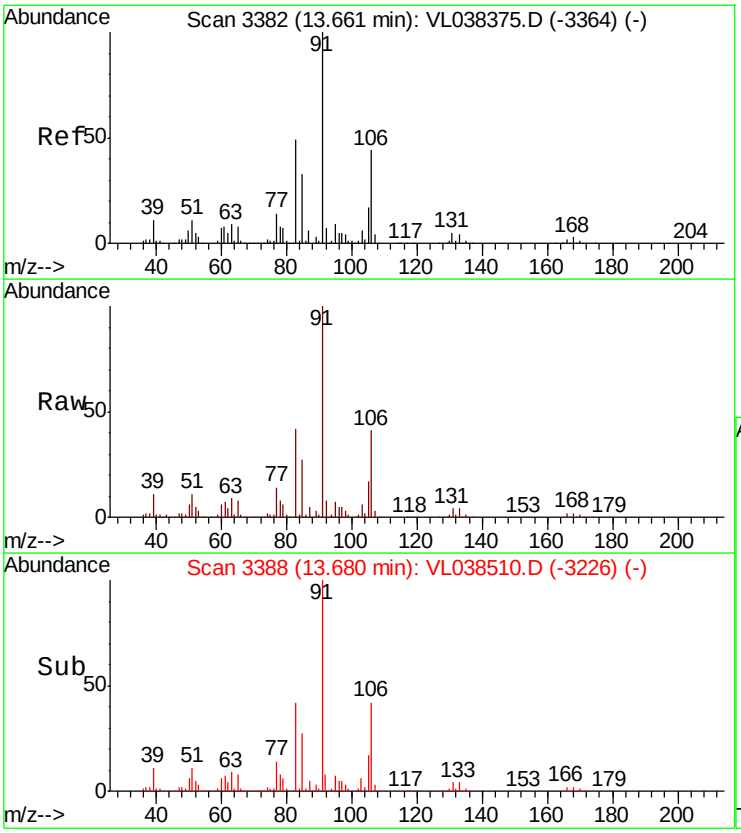
#59
m/p-Xylene
Concen: 8.144 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2231878

Ion	Ratio	Lower	Upper
91	100		
106	84.1	34.4	51.6#

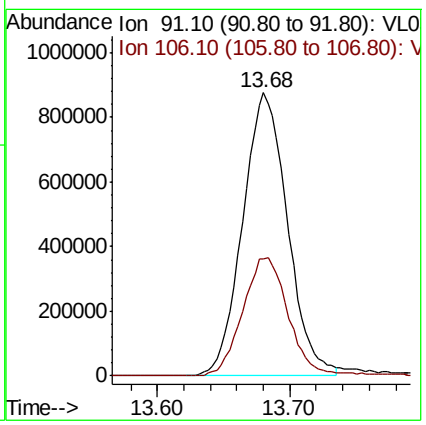


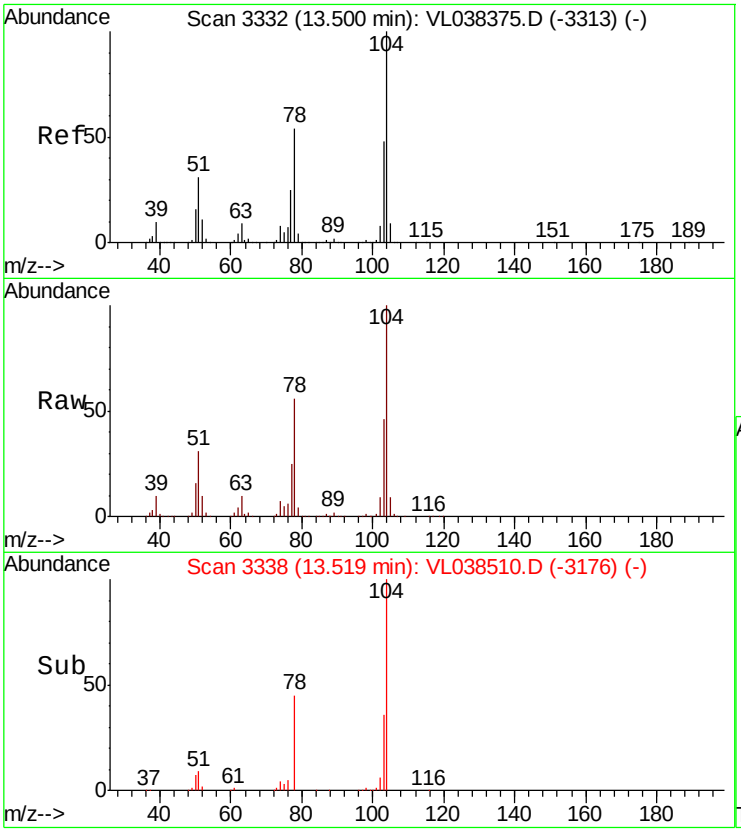


#60
o-Xylene
Concen: 7.930 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2054434

Ion	Ratio	Lower	Upper
91	100		
106	43.4	21.9	65.5



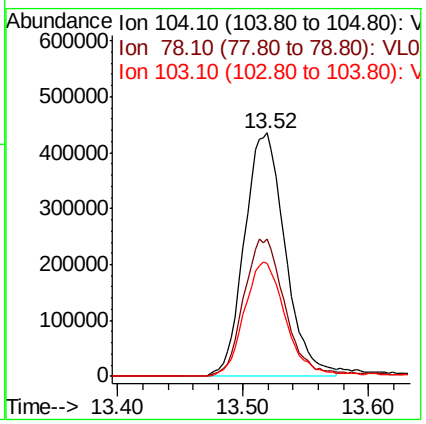


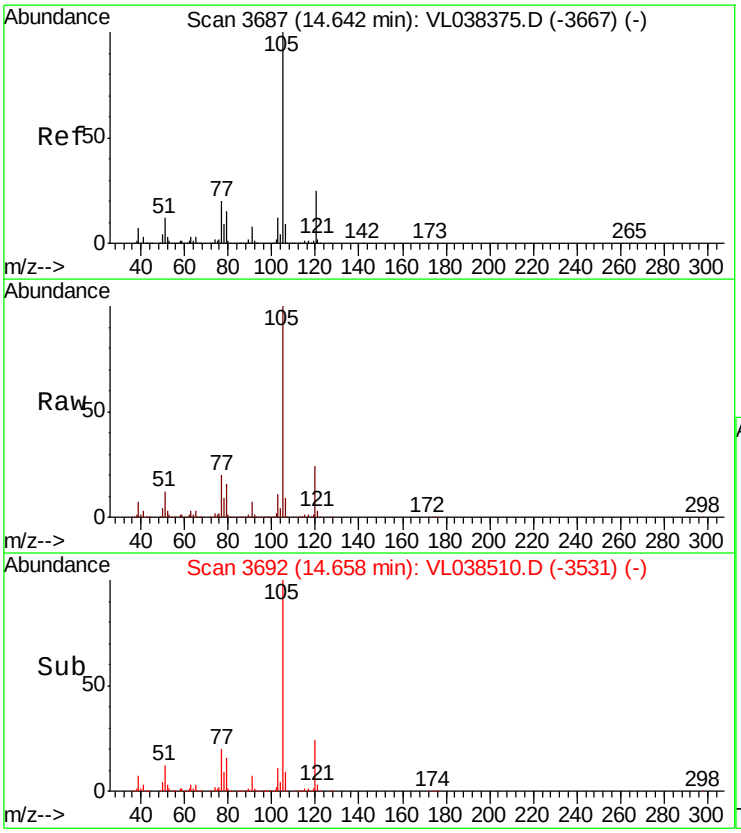
#61
Stvrene
Concen: 8.233 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 983818

Ion	Ratio	Lower	Upper
104	100		
78	58.4	44.2	66.4
103	48.4	38.4	57.6

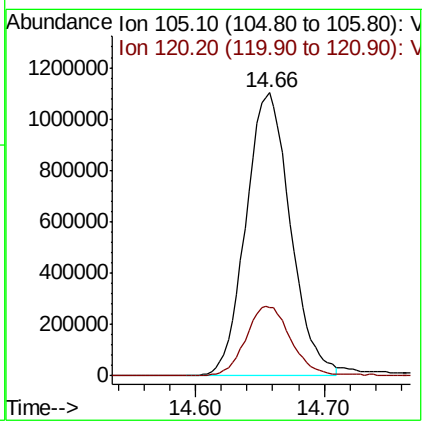


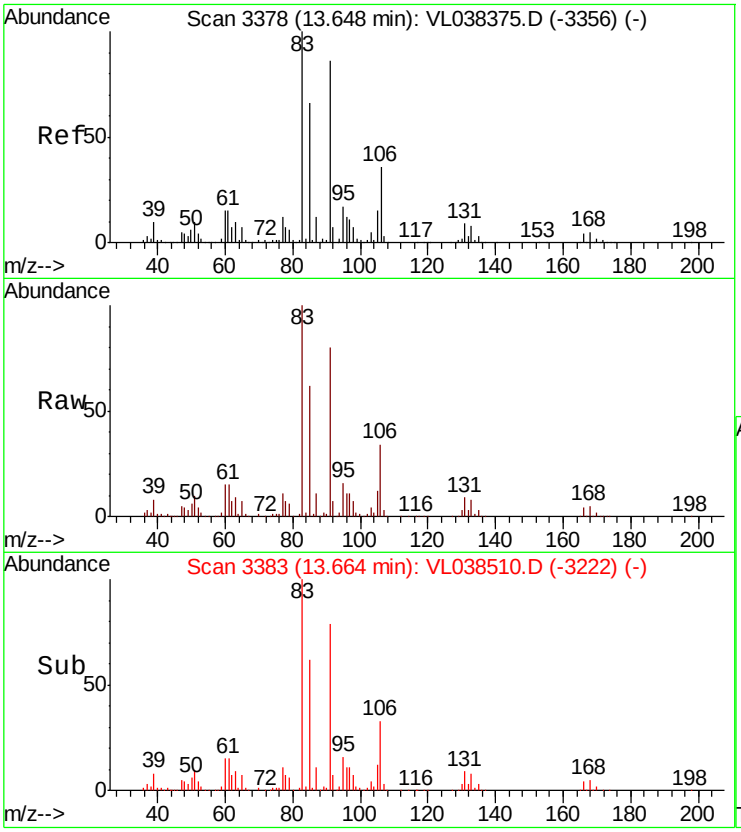


#62
Isopropylbenzene
Concen: 7.613 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:105 Resp: 2647057

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	30.8



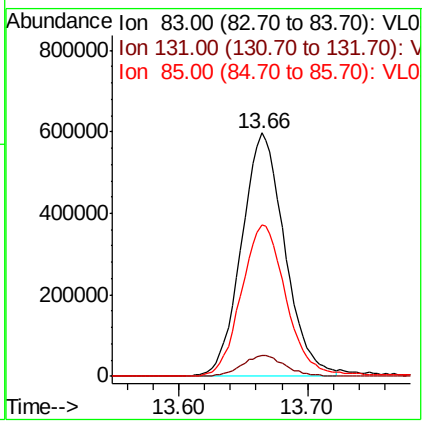


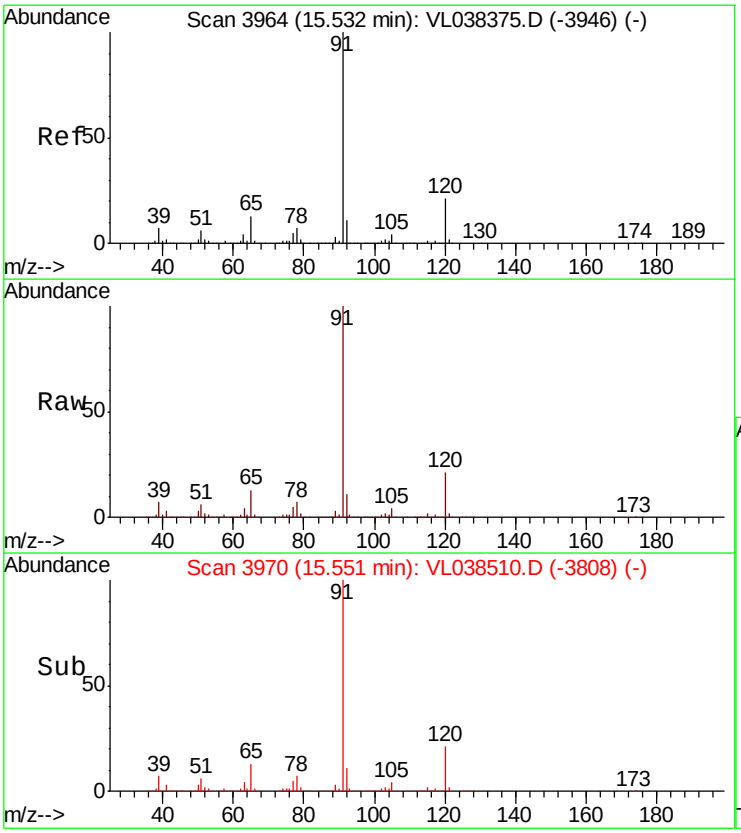
#63
1,1,2,2-Tetrachloroethane
Concen: 6.574 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 1383840

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.5	13.7
85	66.1	33.0	99.0

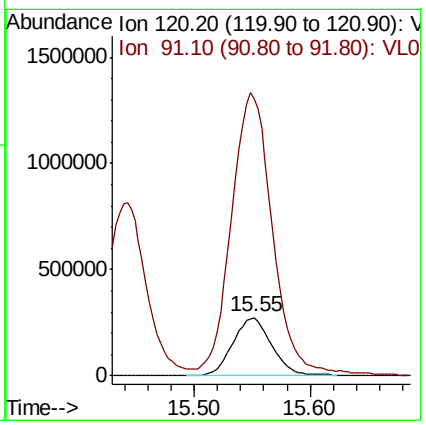


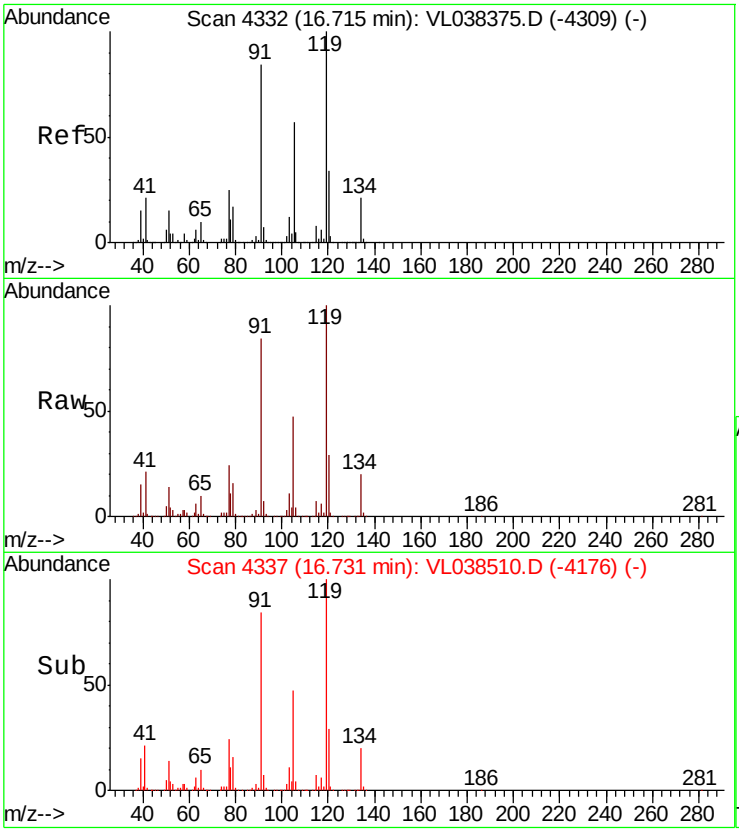


#64
n-propylbenzene
Concen: 7.481 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:120 Resp: 644038

Ion	Ratio	Lower	Upper
120	100		
91	514.3	388.1	582.1



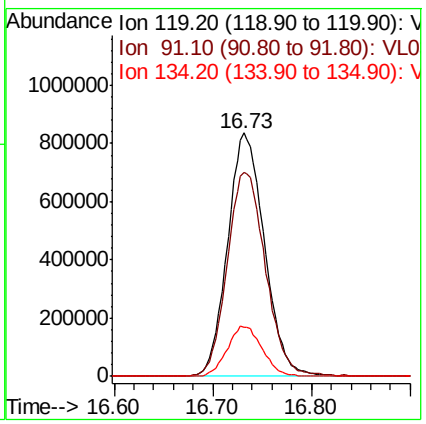


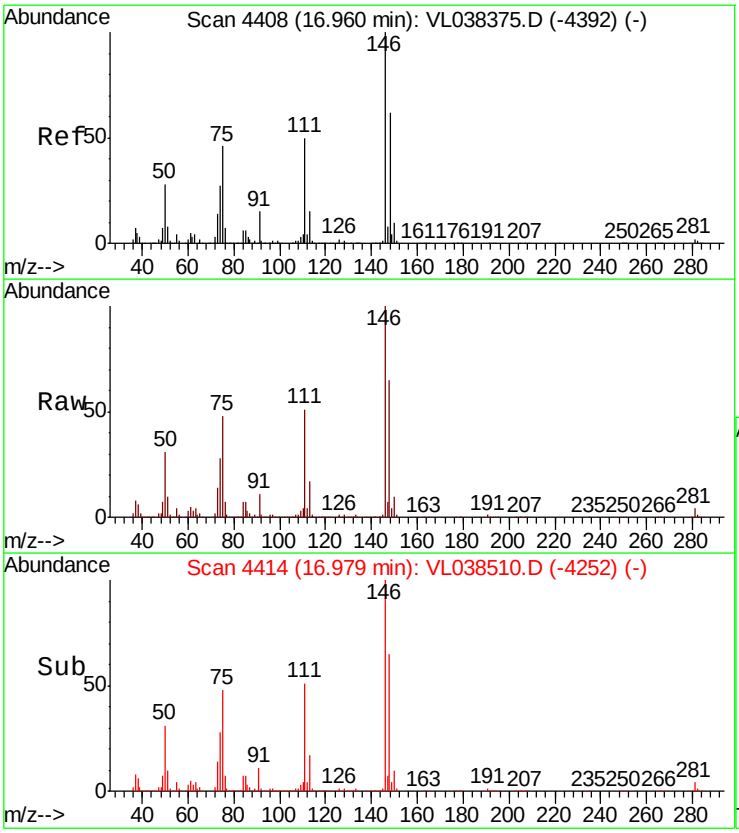
#65
tert-Butylbenzene
Concen: 7.213 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 2172192

Ion	Ratio	Lower	Upper
119	100		
91	87.3	68.0	102.0
134	19.6	15.8	23.8

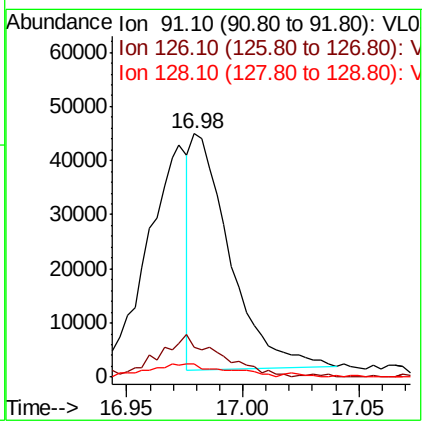


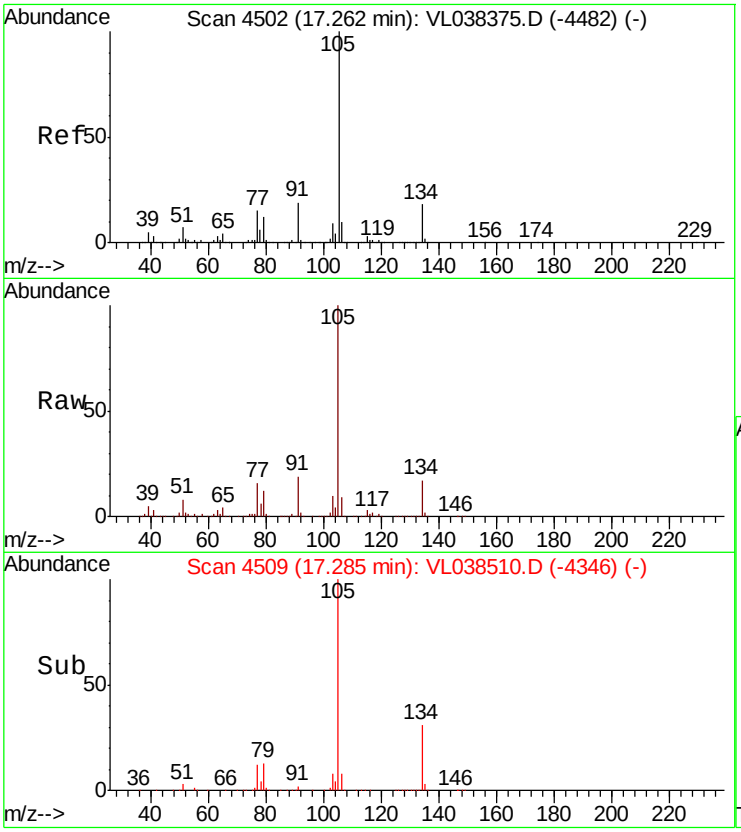


#66
Benzyl Chloride
Concen: 3.100 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 50456

Ion	Ratio	Lower	Upper
91	100		
126	30.0	12.3	18.5#
128	12.8	4.2	6.4#



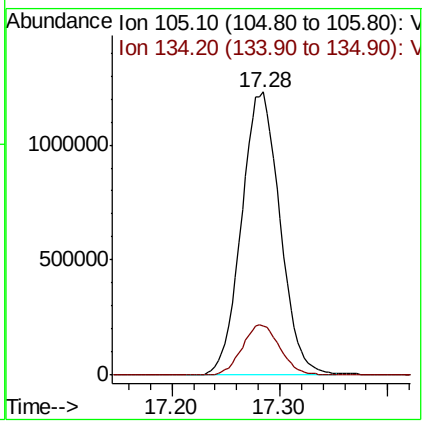


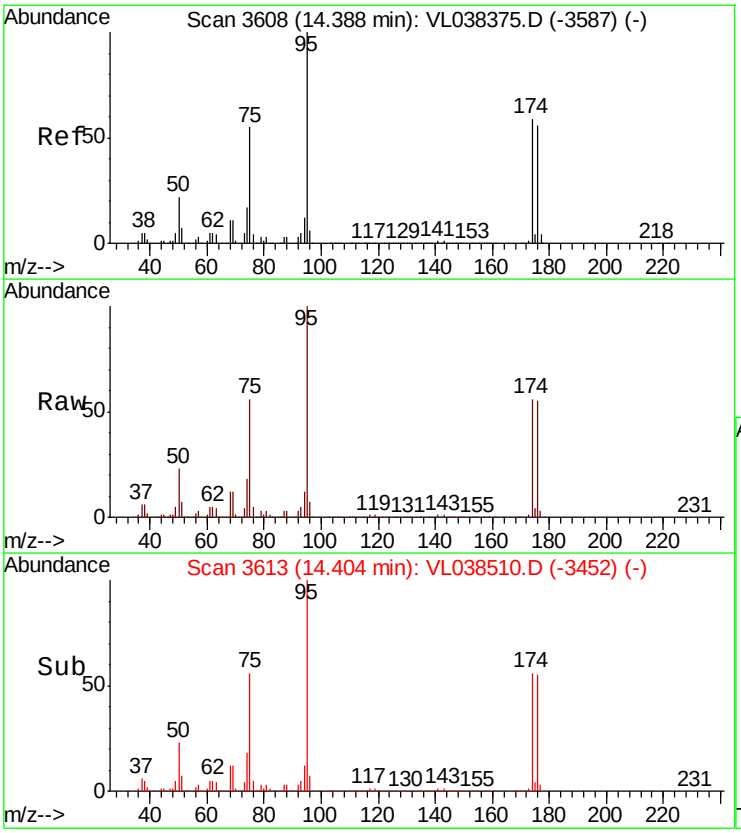
#67
sec-Butylbenzene
Concen: 7.134 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 3044230

Ion	Ratio	Lower	Upper
105	100		
134	17.7	14.6	21.8

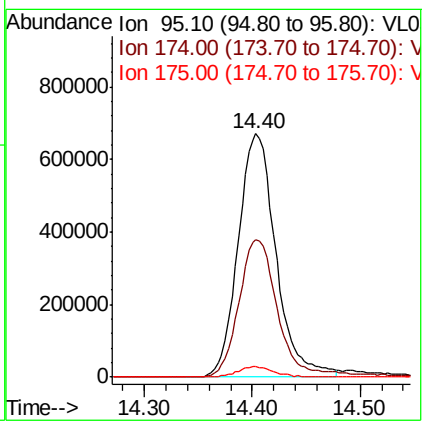


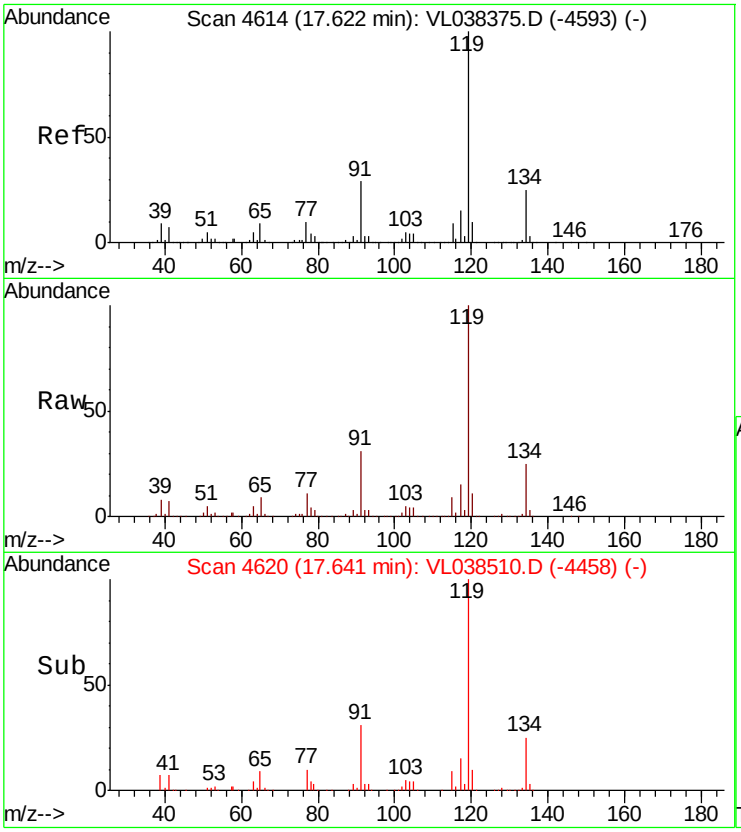


#68
1-Bromo-4-Fluorobenzene
Concen: 8.466 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 95 Resp: 1634665

Ion	Ratio	Lower	Upper
95	100		
174	59.4	49.0	73.4
175	4.3	3.6	5.4



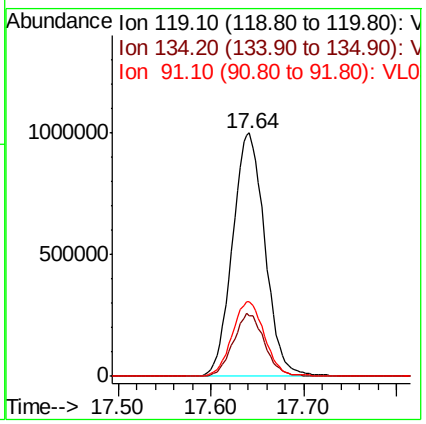


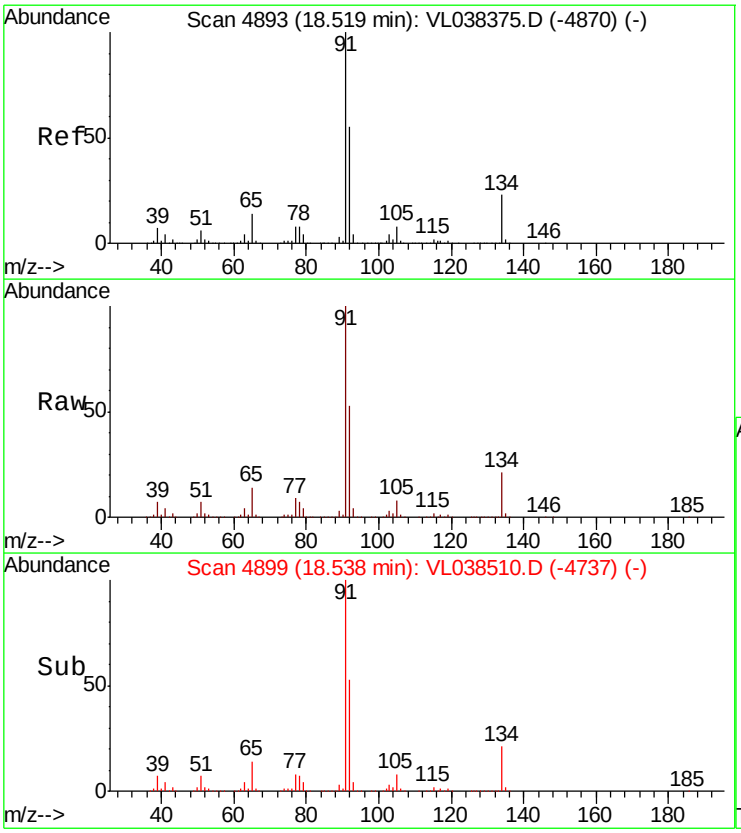
#69
p-Isopropyltoluene
Concen: 7.215 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 2418402

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.4	30.6
91	30.9	23.8	35.8

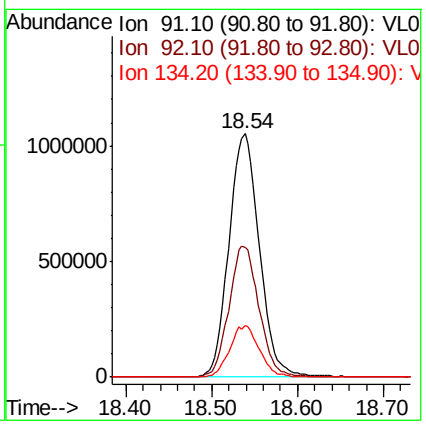


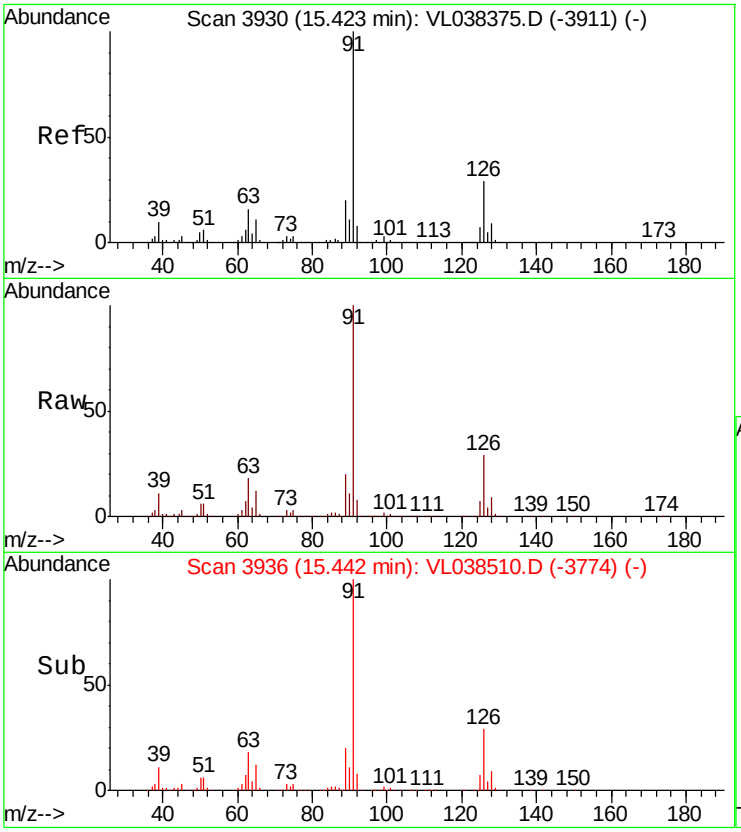


#70
n-Butylbenzene
Concen: 7.449 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2583814

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.1	64.7
134	20.8	17.4	26.0



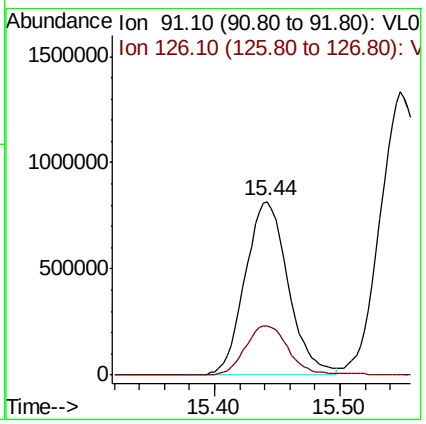


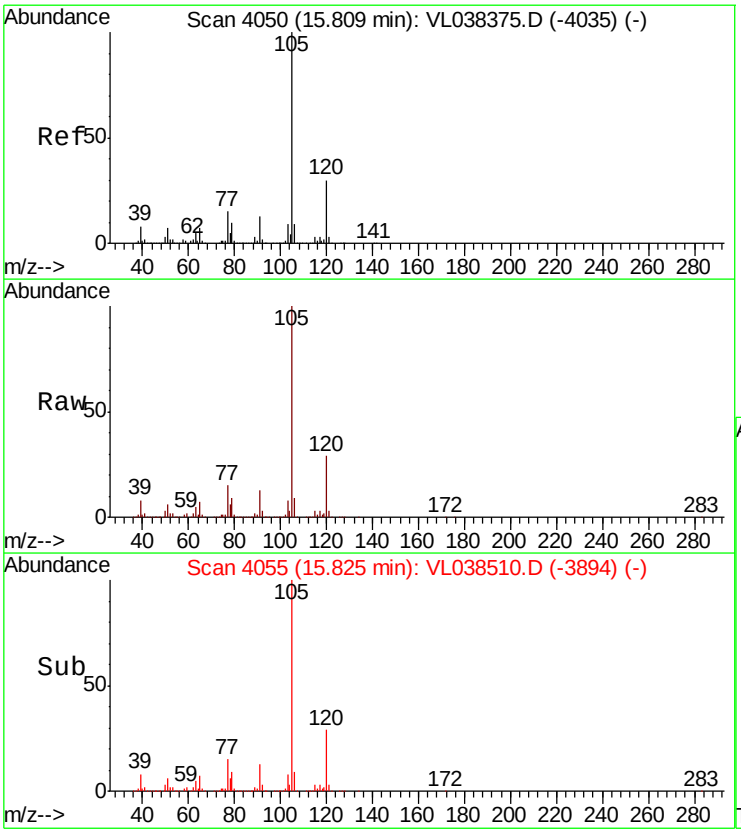
#71
2-Chlorotoluene
Concen: 7.314 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1955481

Ion	Ratio	Lower	Upper
91	100		
126	29.6	11.9	47.7

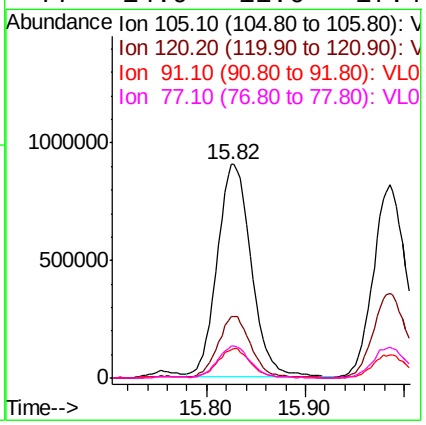


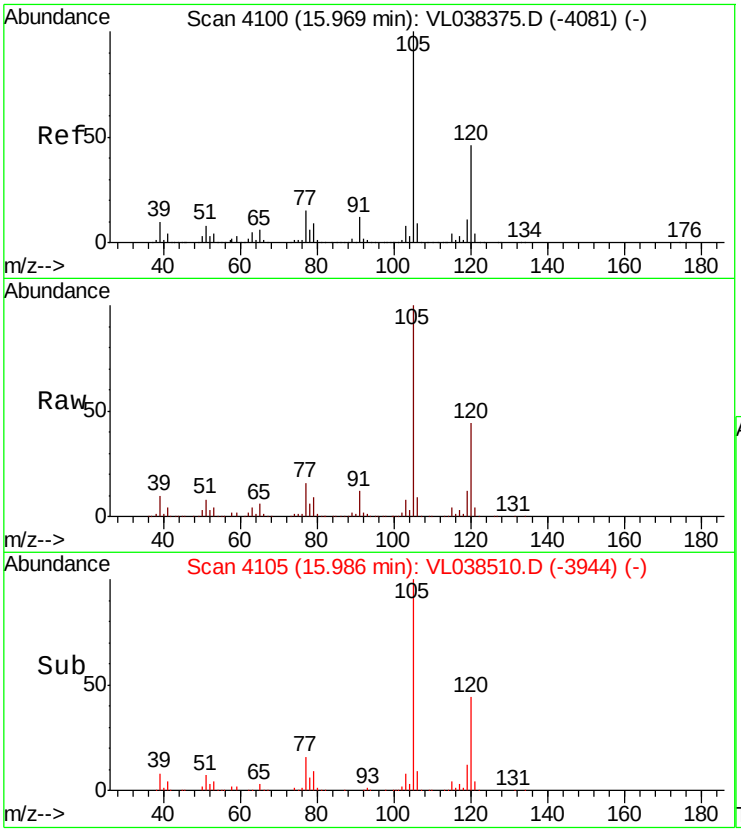


#72
4-Ethyltoluene
Concen: 7.650 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:105 Resp: 2183726

Ion	Ratio	Lower	Upper
105	100		
120	28.5	23.4	35.2
91	13.2	10.4	15.6
77	14.9	11.6	17.4



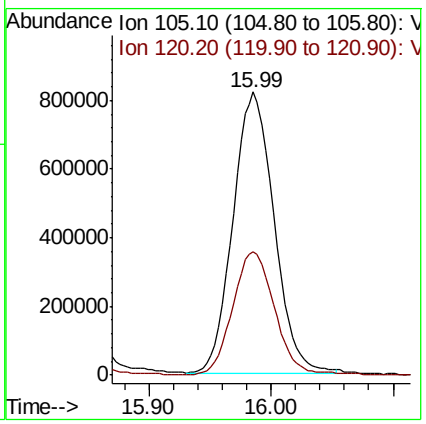


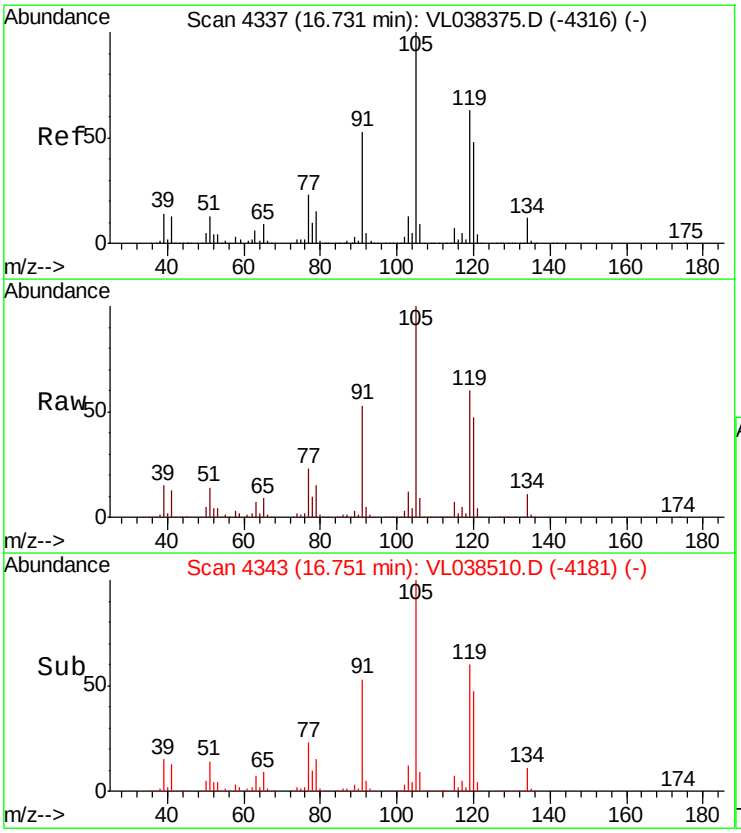
#73
1,3,5-Trimethylbenzene
Concen: 7.312 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1895401

Ion	Ratio	Lower	Upper
105	100		
120	43.9	36.6	55.0

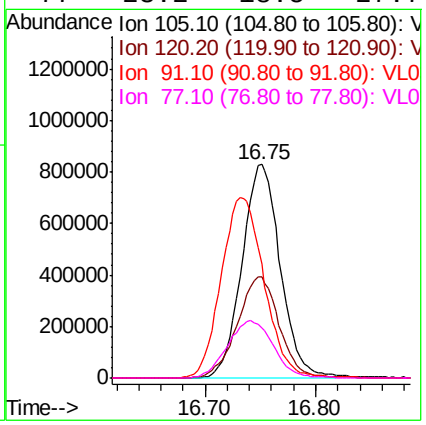


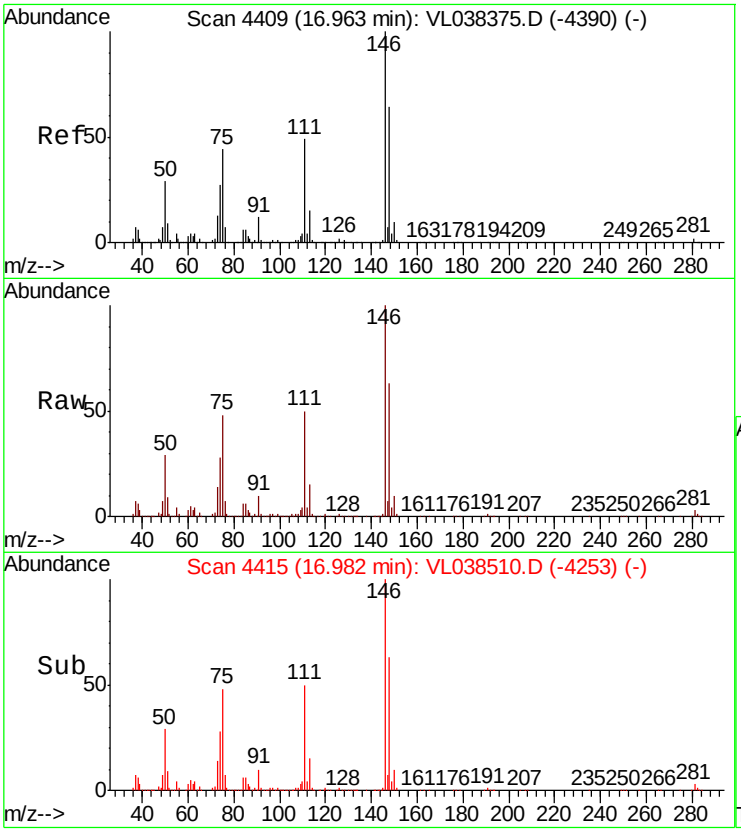


#74
1,2,4-Trimethylbenzene
Concen: 7.271 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:105 Resp: 1990023

Ion	Ratio	Lower	Upper
105	100		
120	47.1	38.2	57.4
91	52.9	42.7	64.1
77	23.2	18.5	27.7



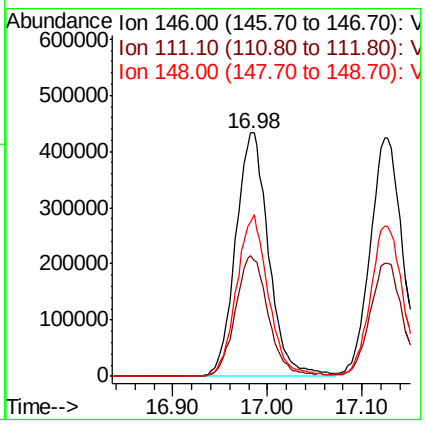


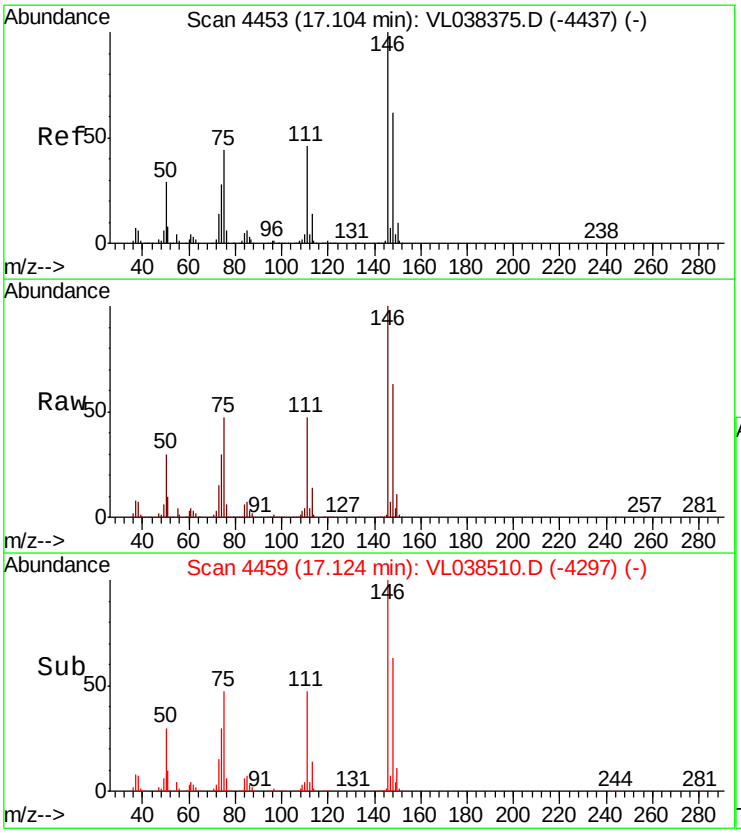
#75
1,3-Dichlorobenzene
Concen: 6.847 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 1049575

Ion	Ratio	Lower	Upper
146	100		
111	49.5	24.3	72.9
148	63.9	32.0	96.0

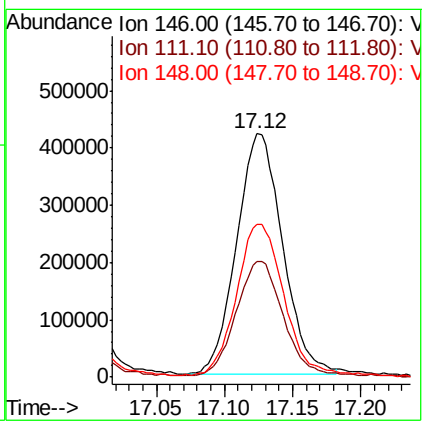


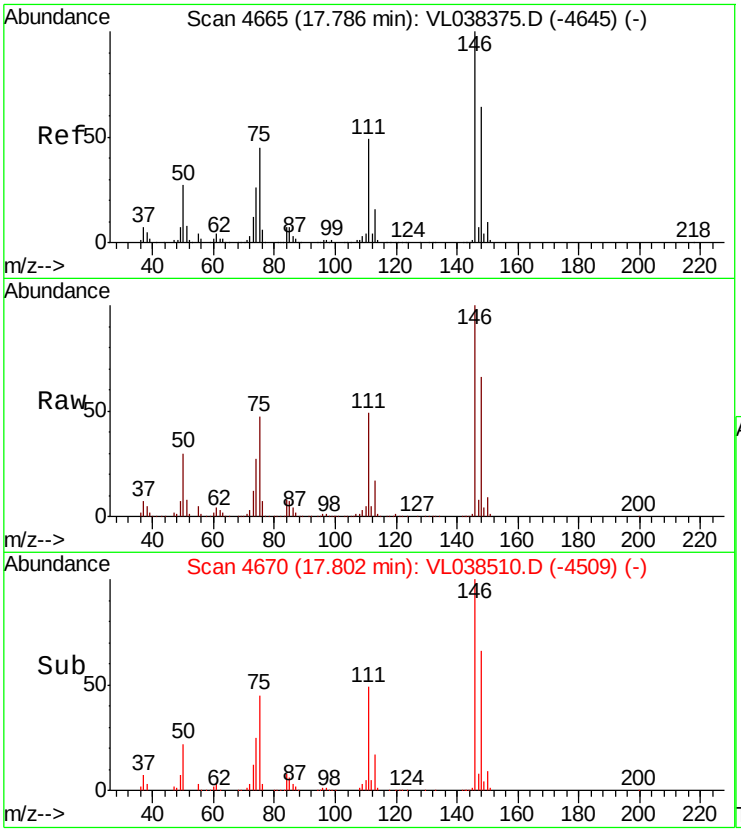


#76
1,4-Dichlorobenzene
Concen: 6.498 ppbv
RT: 17.12 min Scan# 4459
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:146 Resp: 982257

Ion	Ratio	Lower	Upper
146	100		
111	49.8	24.1	72.2
148	67.1	32.8	98.4



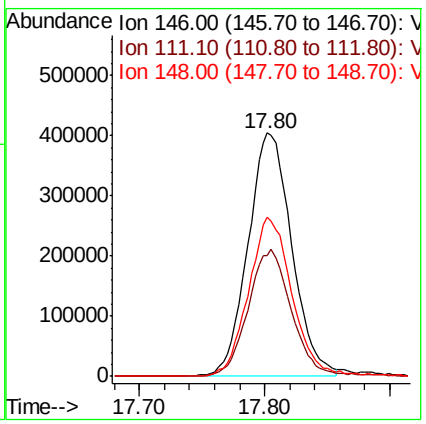


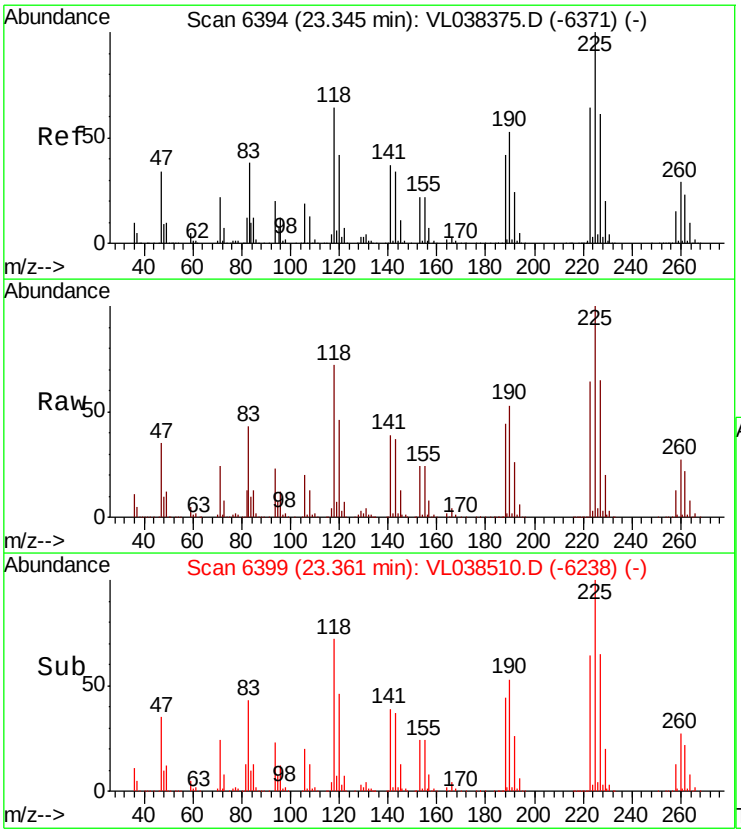
#77
1,2-Dichlorobenzene
Concen: 6.632 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 978599

Ion	Ratio	Lower	Upper
146	100		
111	51.8	25.6	76.6
148	65.4	32.4	97.2

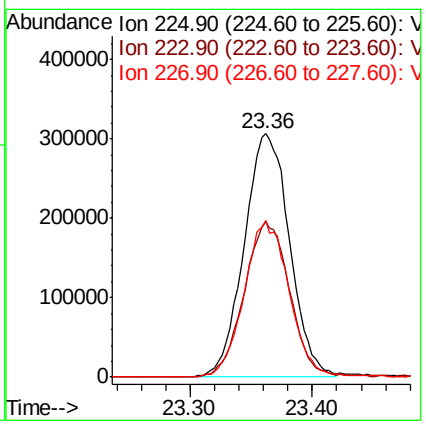


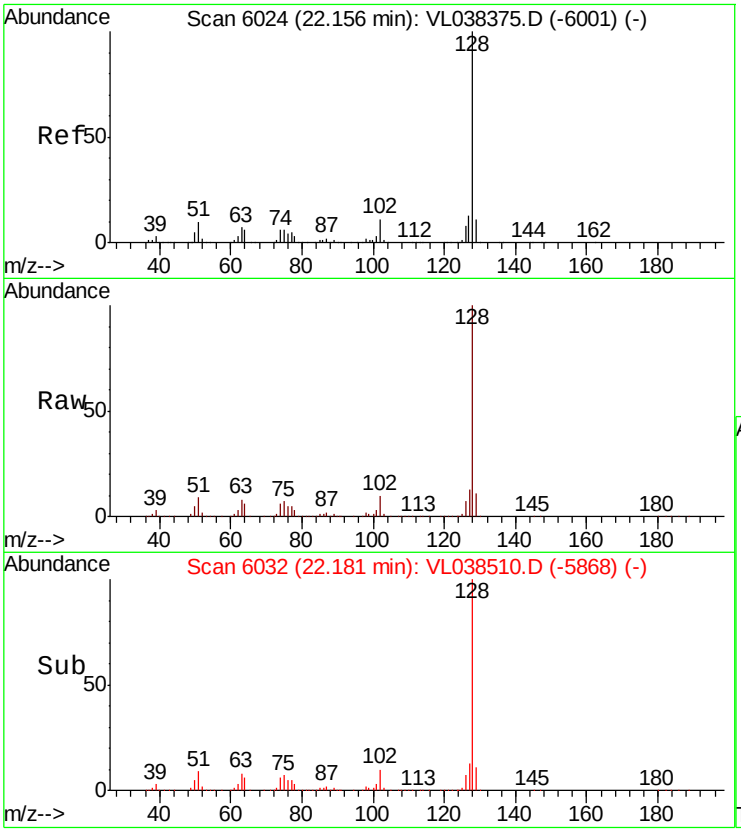


#78
Hexachloro-1,3-Butadiene
Concen: 7.010 ppbv
RT: 23.36 min Scan# 6399
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:225 Resp: 788785

Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.0	78.0
227	64.0	51.6	77.4



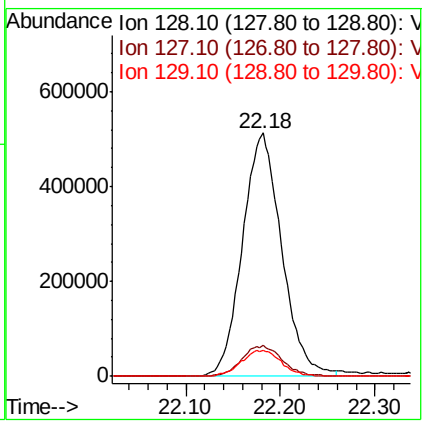


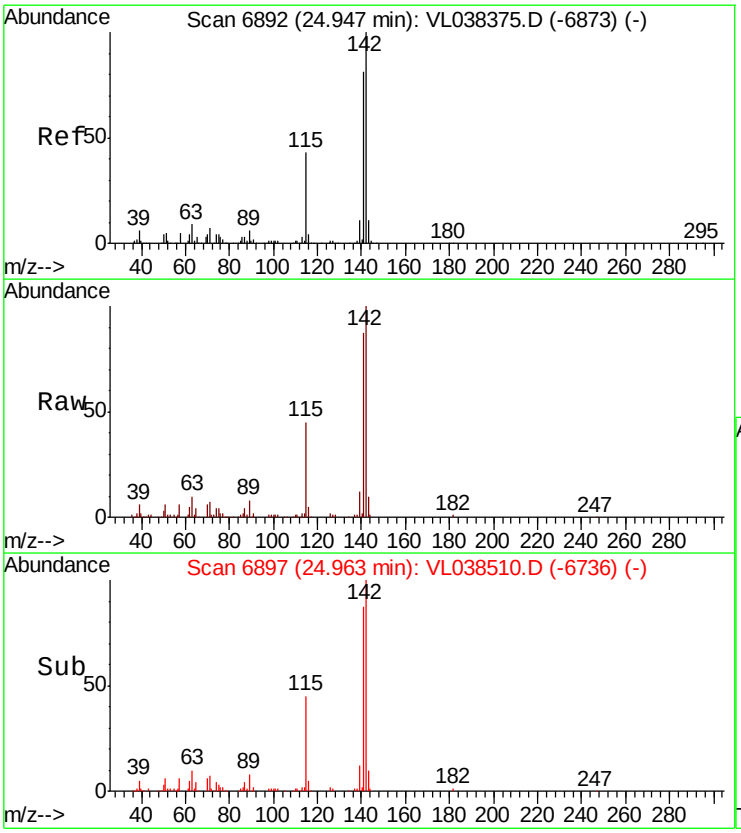
#79
Naphthalene
Concen: 9.945 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 1474659

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.5	8.8	13.2

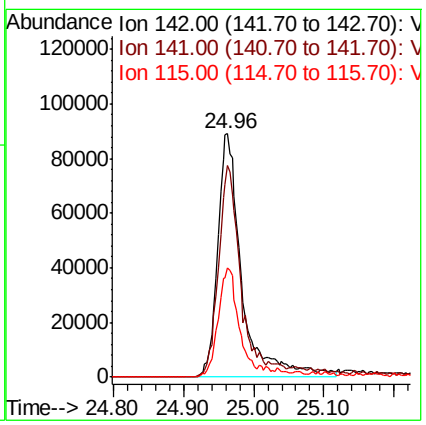


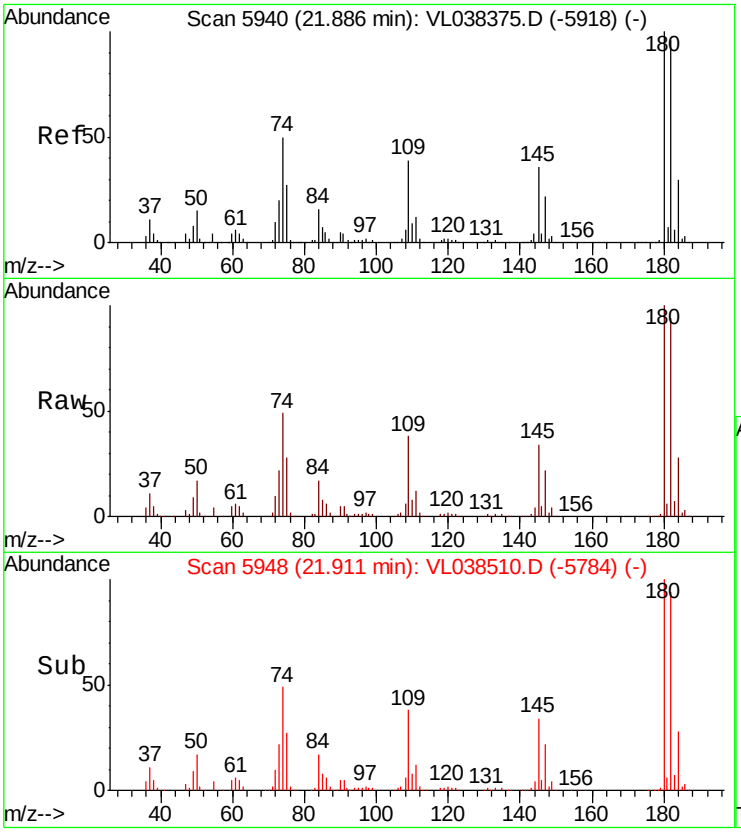


#80
Naphthalene,2-methyl-
Concen: 7.358 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:142 Resp: 213233

Ion	Ratio	Lower	Upper
142	100		
141	85.2	69.8	104.6
115	44.1	33.0	49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.802 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 3 Mar 2022 12:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 789162

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.4	116.2
184	30.8	24.9	37.3