Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

Quantitation Report (Not Reviewed)

Data File : VL037758.D
Acq On : 4 Oct 2021 11:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 04 12:36:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1519017	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4431463	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4953235	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2896944	8.09	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1827555	6.649	ppbv	98
3) Chlorodifluoromethane	2.99	51	2647019	9.239	ppbv	99
4) Chloromethane	3.14	50	982014	9.277	ppbv	94
5) Vinyl Chloride	3.26	62	1001209	10.069	ppbv	100
6) Bromomethane	3.47	94	488906	8.460	ppbv	94
7) Chloroethane	3.56	64	349144	9.396	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	2157620	9.099	ppbv	100
9) Propene	3.01	41	933881	9.240	ppbv	99
10) Heptane	8.12	43	2393180	10.148	ppbv	100
11) Trichlorofluoromethane	3.95	101	2027709	9.188	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1491163	9.154	ppbv	99
13) Ethanol	3.61	45	71165	7.199	ppbv	88
14) Bromoethene	3.74	108	660503	8.908	ppbv	96
15) Acetone	3.85	43	1141002	7.230	ppbv	96
16) 1,3-Butadiene	3.33	39	966163	9.797	ppbv	99
17) tert-Butyl alcohol	4.29	59	1451540	10.846	ppbv	99
18) 1,1-Dichloroethene	4.29	96	682563	8.995	ppbv	96
19) Isopropyl Alcohol	3.96	45	862629	10.045	ppbv #	93
20) Methylene Chloride	4.35	84	587002	7.791	ppbv	98
21) Allyl Chloride	4.41	41	1148915	9.744	ppbv	96
22) trans-1,2-Dichloroethene	4.89	96	730591	9.569	ppbv	99
23) Vinyl Acetate	5.07	43	1900347	8.701	ppbv #	99
24) 1,1-Dichloroethane	5.01	63	1399276	8.944	ppbv	99
25) Ethyl Acetate	5.68	43	3705167	9.693	ppbv	100
26) Hexane	5.69	57	1770550	9.751	ppbv	99
27) Carbon Disulfide	4.55	76	1734830	10.444	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1456525	9.107	ppbv	99
29) Chloroform	5.75	83	2458548	9.273	ppbv	99
30) Cyclohexane	7.13	84	1483866	9.555	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1637157	9.932	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	2398637	9.717	ppbv	99
34) 2-Butanone	5.25	43	1674306	9.297	ppbv	99
35) Carbon Tetrachloride	7.02	117	2462933	9.825	ppbv	99
36) Benzene	6.89	78	3691624	9.990	ppbv	100
37) 1,2-Dichloroethane	6.31	62	1754200	9.652	ppbv	100
38) Trichloroethene	7.83	130	1416418	9.176	ppbv	96
39) 1,2-Dichloropropane	7.61	63	1411159	9.970	ppbv	98
40) 1,4-Dioxane	7.83	88	319177	9.271	ppbv #	1
41) Tetrahydrofuran	6.05	42	886955	10.477	ppbv	99
42) Bromodichloromethane	7.79	83	2625265	10.079	ppbv	99
43) Methyl Methacrylate	8.01	69	1313337	10.683	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

Quantitation Report (Not Reviewed)

Data File : VL037758.D
Acq On : 4 Oct 2021 11:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 04 12:36:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	6084151	9.794	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	965539	9.999	ppbv		97
46) cis-1,3-Dichloropropene	8.71	75	1331783	10.210	ppbv		99
47) 1,1,2-Trichloroethane	9.47	97	1494246	9.544	ppbv		97
48) Dibromochloromethane	10.30	129	2331117	10.673	ppbv		99
49) Bromoform	13.04	173	1913717	10.947	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	2414485	10.563	ppbv		100
51) 2-Hexanone	10.14	43	1159919	11.502	ppbv	#	100
52) Tetrachloroethene	11.22	164	1325090	9.341	ppbv		97
53) Toluene	9.81	91	4223184	10.282	ppbv		99
54) 1,2-Dibromoethane	10.61	107	2068872	9.651	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1581121	7.696	ppbv		96
57) Chlorobenzene	12.15	112	3067889	7.450	ppbv		100
58) Ethyl Benzene	12.71	91	5360065	8.152	ppbv		100
59) m/p-Xylene	13.00	91	5336592	9.314	ppbv	#	53
60) o-Xylene	13.69	91	4165599	7.638	ppbv		98
61) Styrene	13.53	104	2358307	8.769	ppbv		98
62) Isopropylbenzene	14.67	105	5874158	7.710	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	3006166	7.043	ppbv		100
64) n-propylbenzene	15.56	120	1518768	7.725	ppbv		85
65) tert-Butylbenzene	16.74	119	5056527	7.361	ppbv		99
66) Benzyl Chloride	16.99	91	105282	2.805	ppbv	#	62
67) sec-Butylbenzene	17.29	105	7059282	7.575	ppbv		99
69) p-Isopropyltoluene	17.65	119	5806329	7.626	ppbv		100
70) n-Butylbenzene	18.55	91	5634210	7.821	ppbv		99
71) 2-Chlorotoluene	15.45	91	4239399	7.765	ppbv		98
72) 4-Ethyltoluene	15.84	105	5032012	8.038	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	4454351	7.633	ppbv		97
74) 1,2,4-Trimethylbenzene	16.76	105	4604363	7.491	ppbv		99
75) 1,3-Dichlorobenzene	16.99	146	2779042	7.277	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	2725090	7.235	ppbv		99
77) 1,2-Dichlorobenzene	17.82	146	2670853	7.374	ppbv		99
78) Hexachloro-1,3-Butadiene	23.37	225	1910868	6.268	ppbv		99
79) Naphthalene	22.19	128	3157273	8.366	ppbv		98
80) Naphthalene,2-methyl-	24.97	142	824420	9.557	ppbv		97
81) 1,2,4-Trichlorobenzene	21.92	180	1877711	7.750	ppbv		99

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

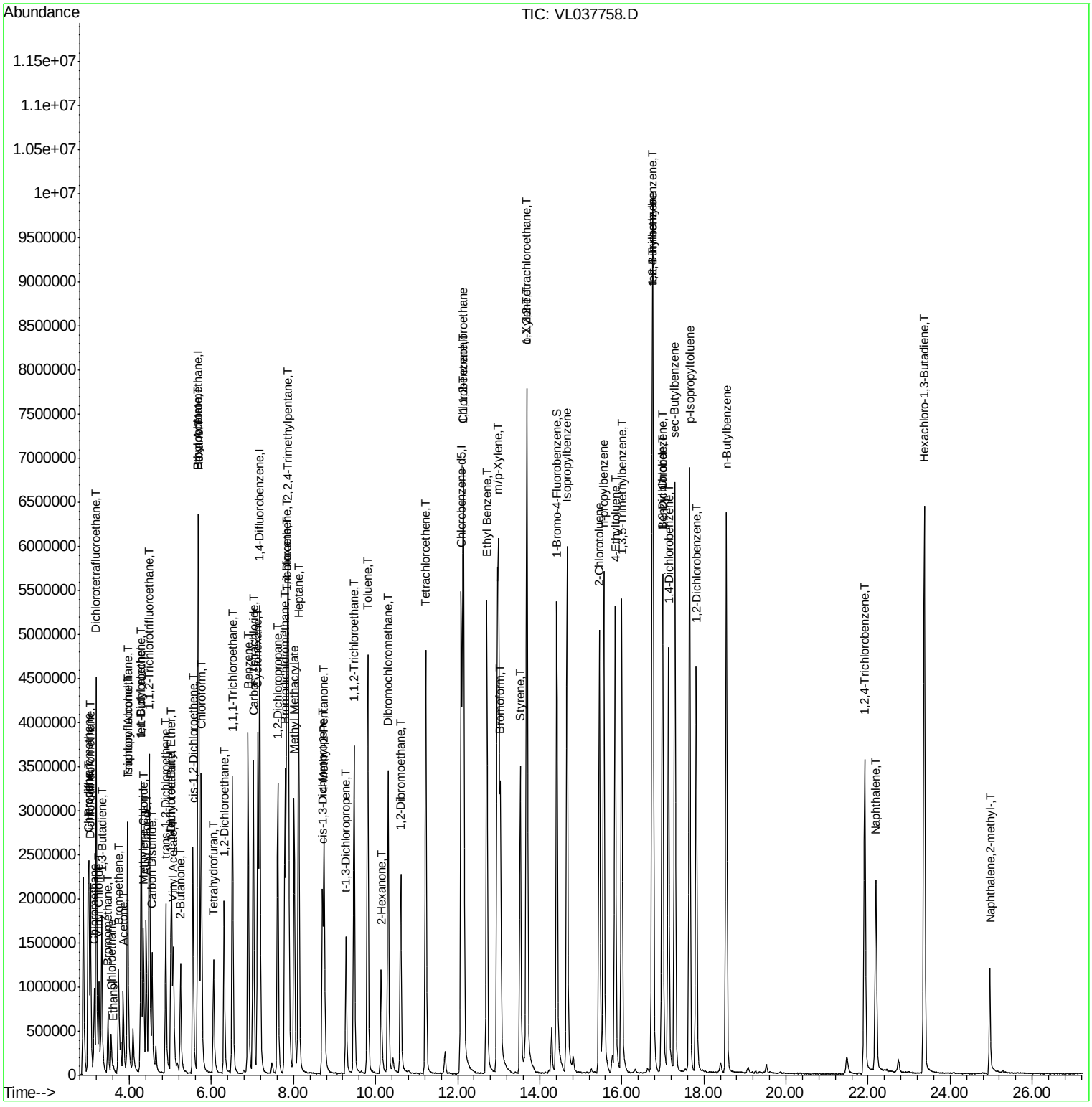
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

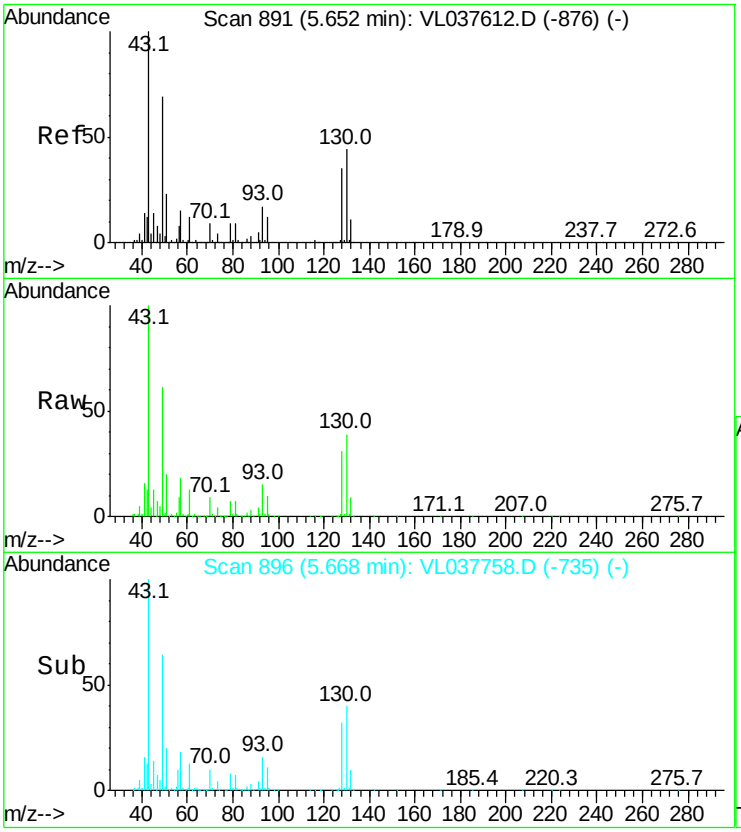
Quantitation Report (Not Reviewed)

Data File : VL037758.D
Acq On : 4 Oct 2021 11:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Oct 04 12:36:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration



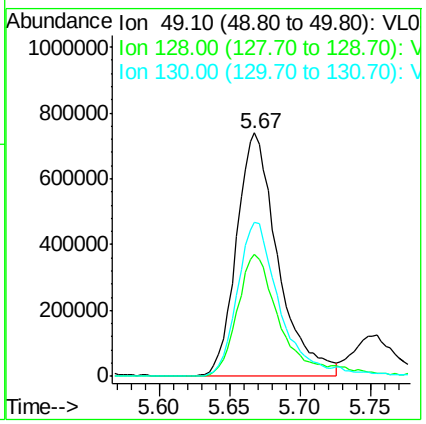


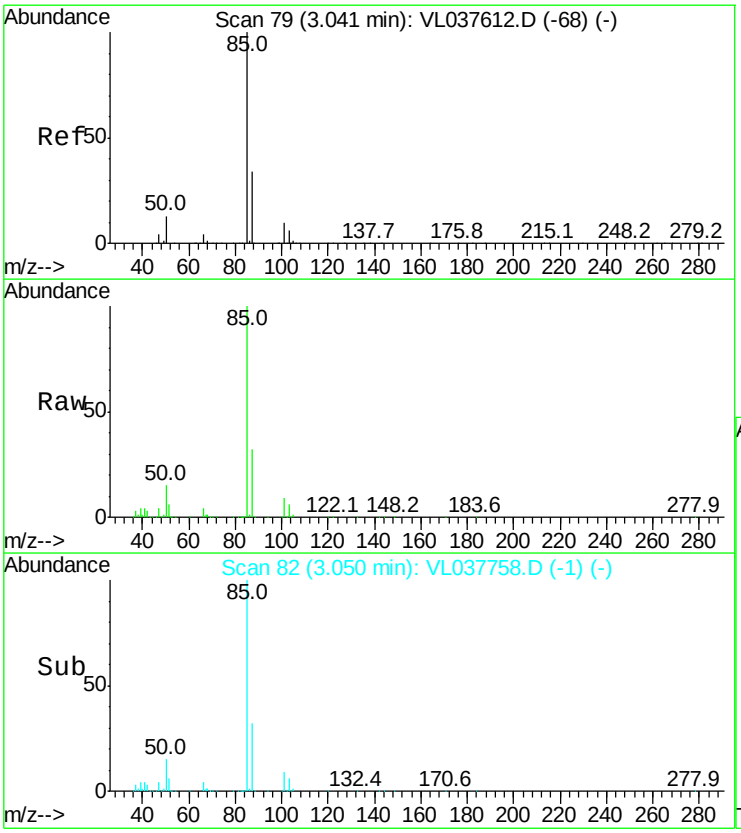
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1519017

Ion	Ratio	Lower	Upper
49	100		
128	54.2	27.9	83.6
130	66.4	33.9	101.7

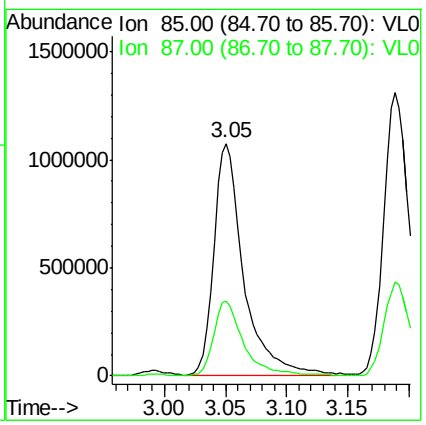


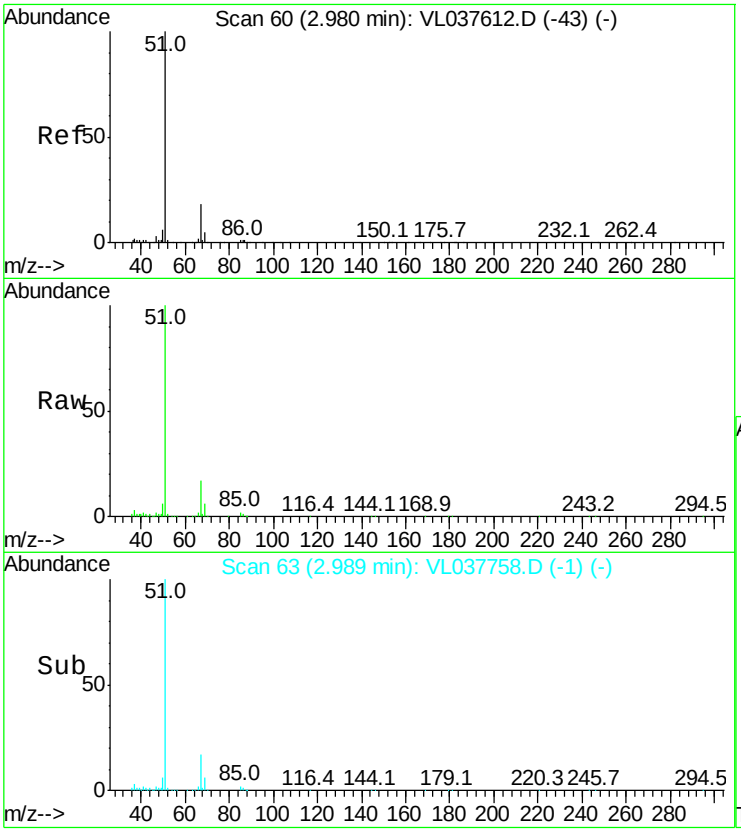


#2
Dichlorodifluoromethane
Concen: 6.649 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 85 Resp: 1827555

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.8	40.2



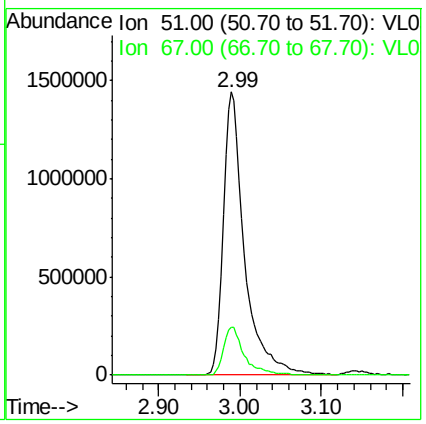


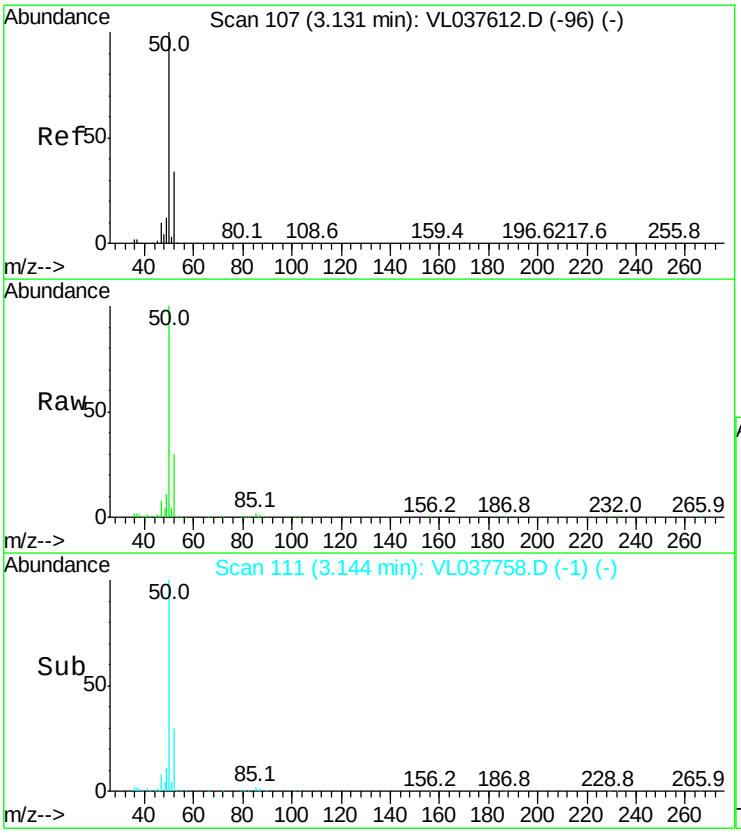
#3
Chlorodifluoromethane
Concen: 9.239 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 2647019

Ion	Ratio	Lower	Upper
51	100		
67	16.9	14.0	21.0

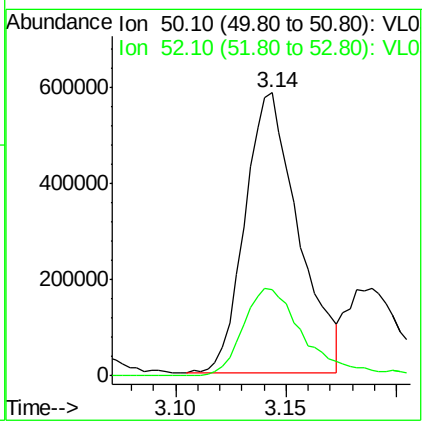


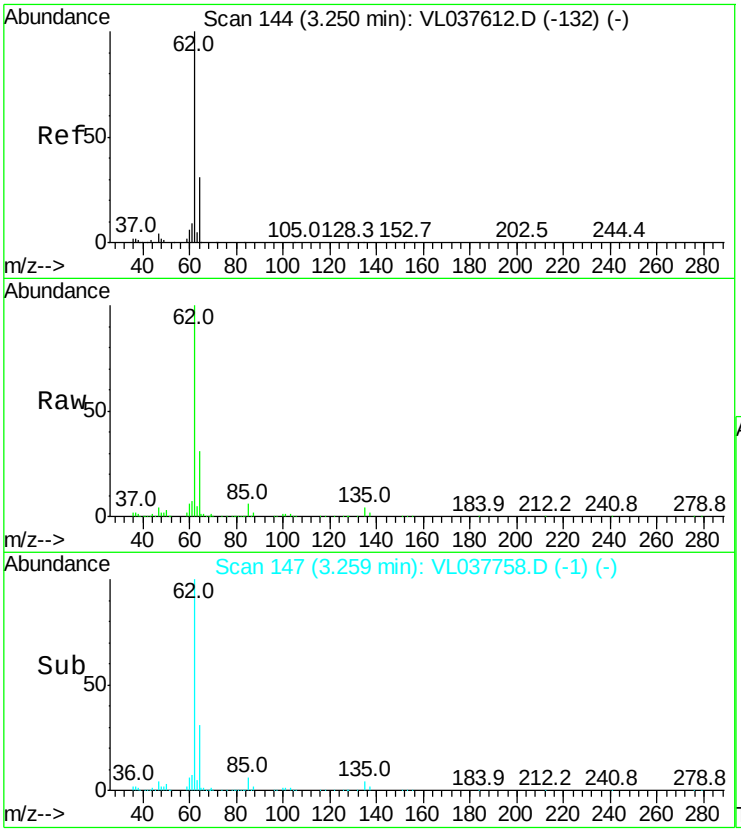


#4
Chloromethane
Concen: 9.277 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 50 Resp: 982014

Ion	Ratio	Lower	Upper
50	100		
52	30.5	27.1	40.7



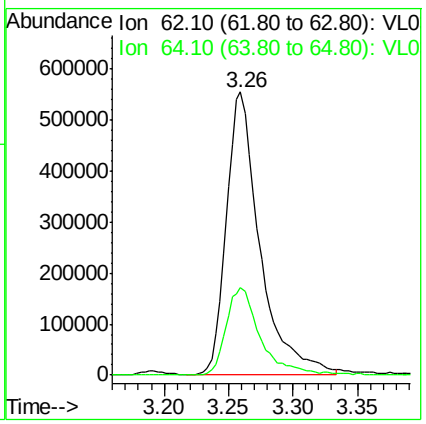


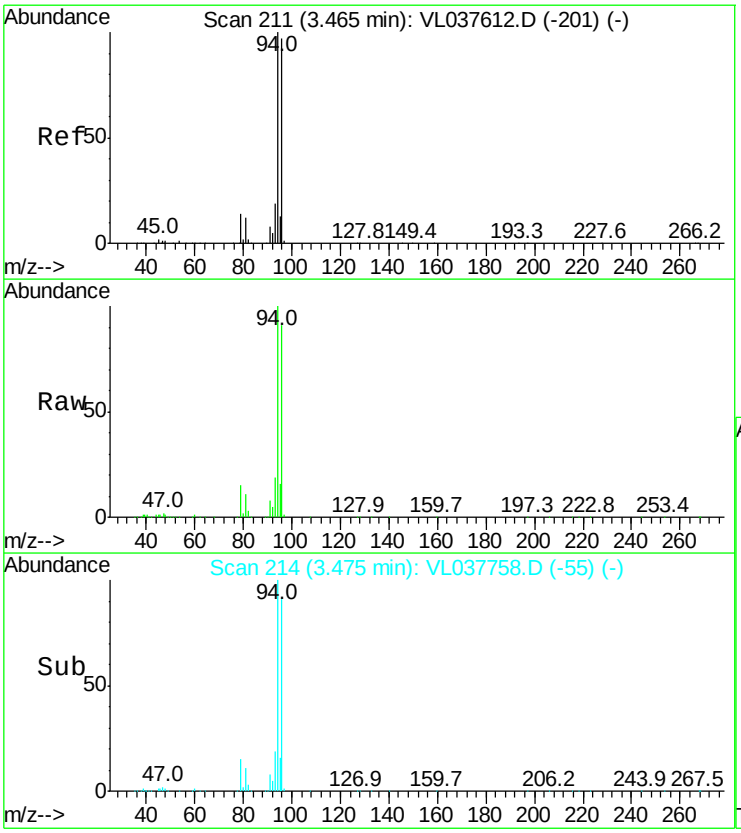
#5
Vinyl Chloride
Concen: 10.069 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1001209

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

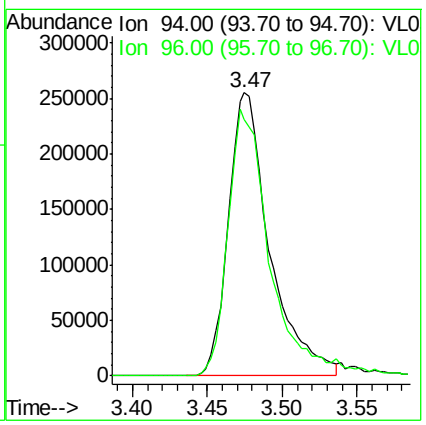


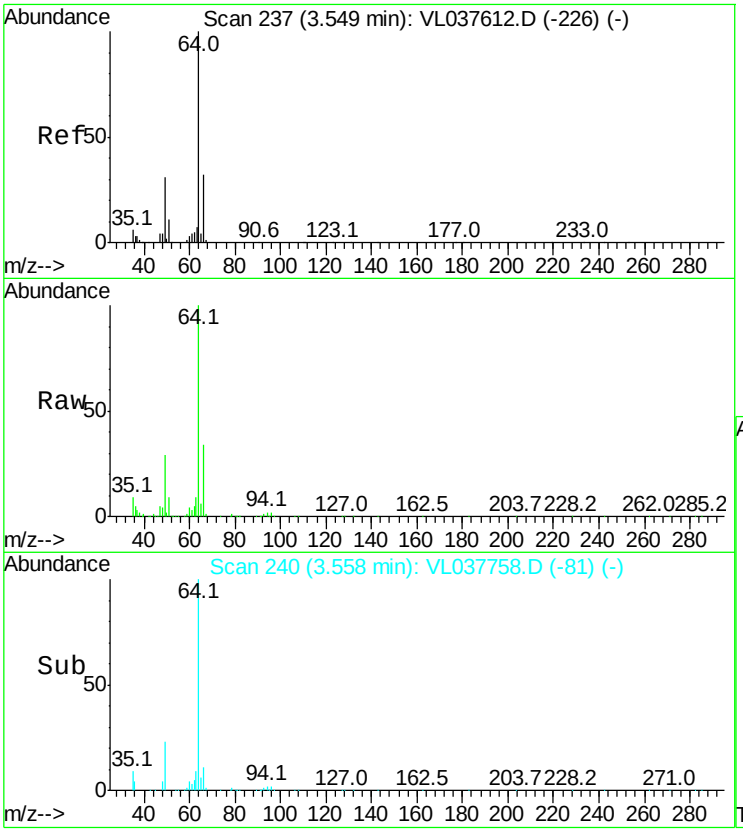


#6
Bromomethane
Concen: 8.460 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 94 Resp: 488906

Ion	Ratio	Lower	Upper
94	100		
96	90.6	77.3	115.9



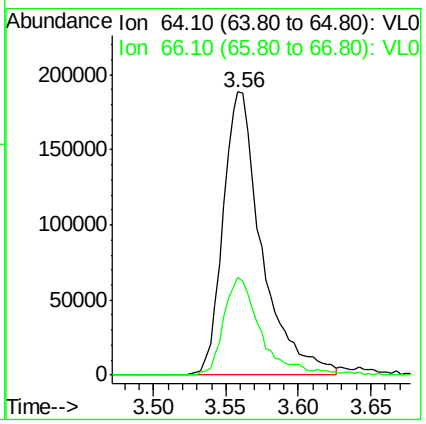


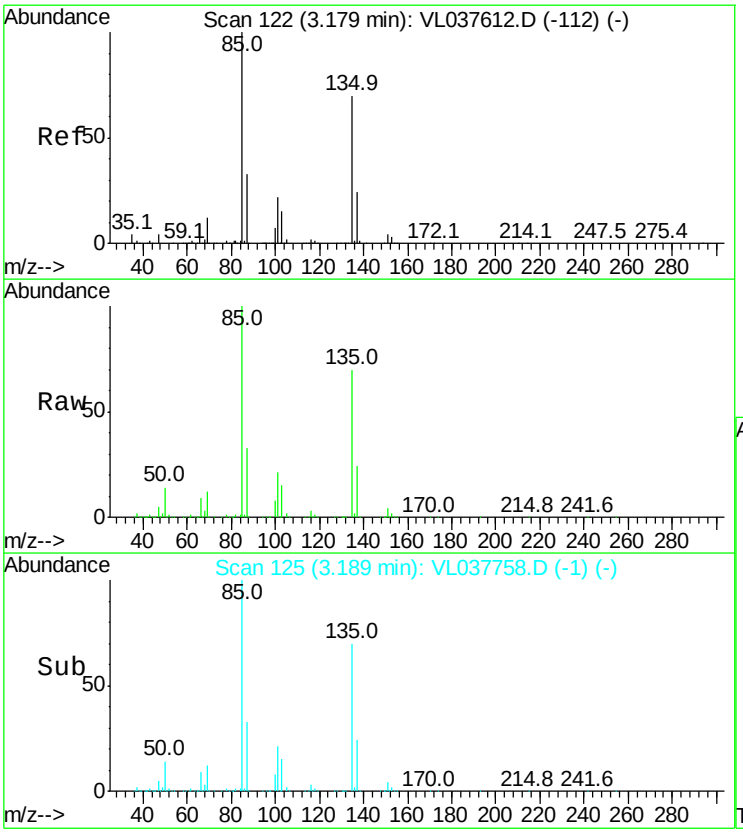
#7
Chloroethane
Concen: 9.396 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 349144

Ion	Ratio	Lower	Upper
64	100		
66	34.4	25.3	37.9

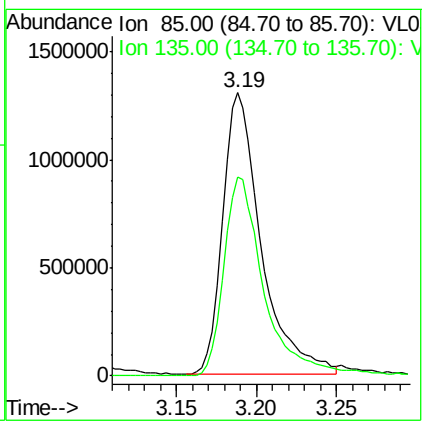


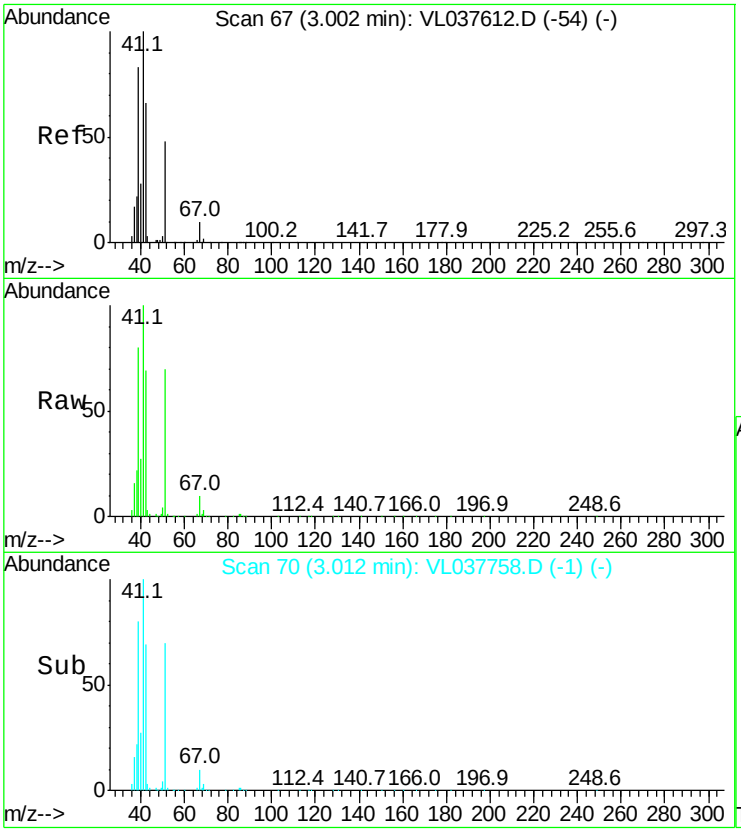


#8
Dichlorotetrafluoroethane
Concen: 9.099 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 85 Resp: 2157620

Ion	Ratio	Lower	Upper
85	100		
135	74.4	59.3	88.9



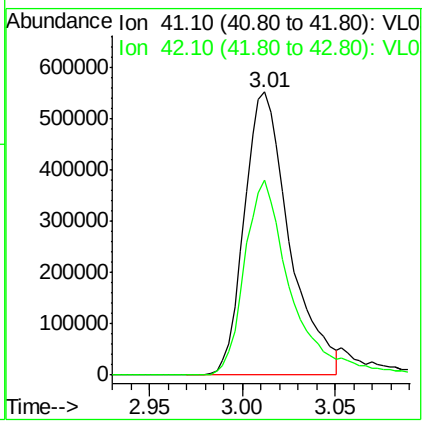


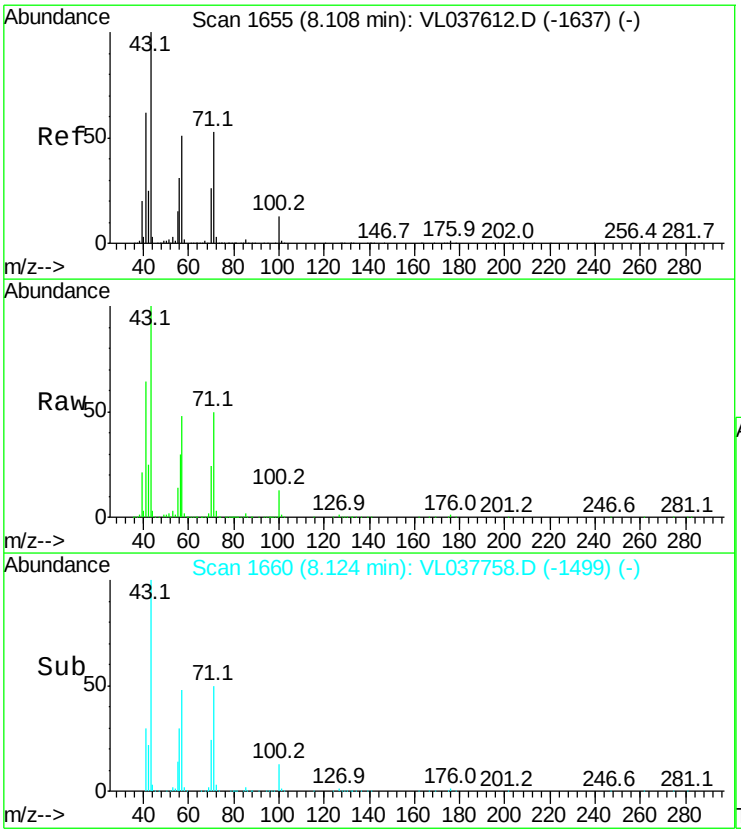
#9
Propene
Concen: 9.240 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 933881

Ion	Ratio	Lower	Upper
41	100		
42	72.0	57.2	85.8

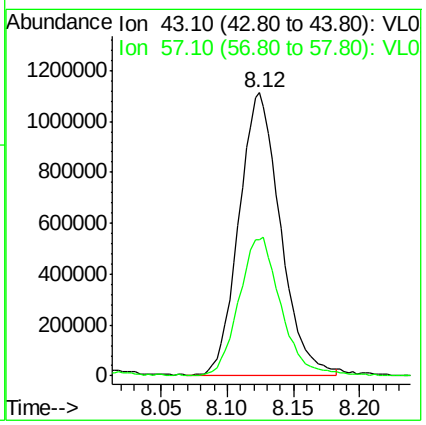


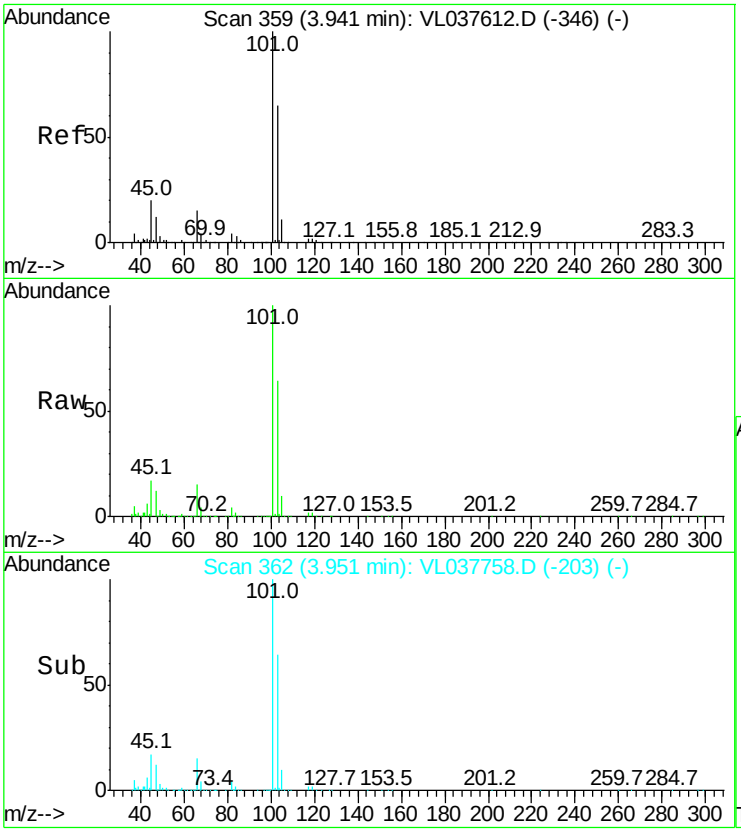


#10
Heptane
Concen: 10.148 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 43 Resp: 2393180

Ion	Ratio	Lower	Upper
43	100		
57	50.0	40.1	60.1



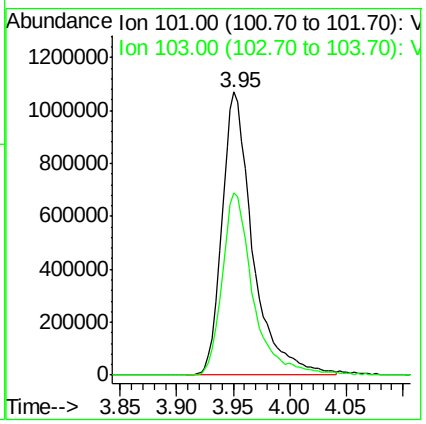


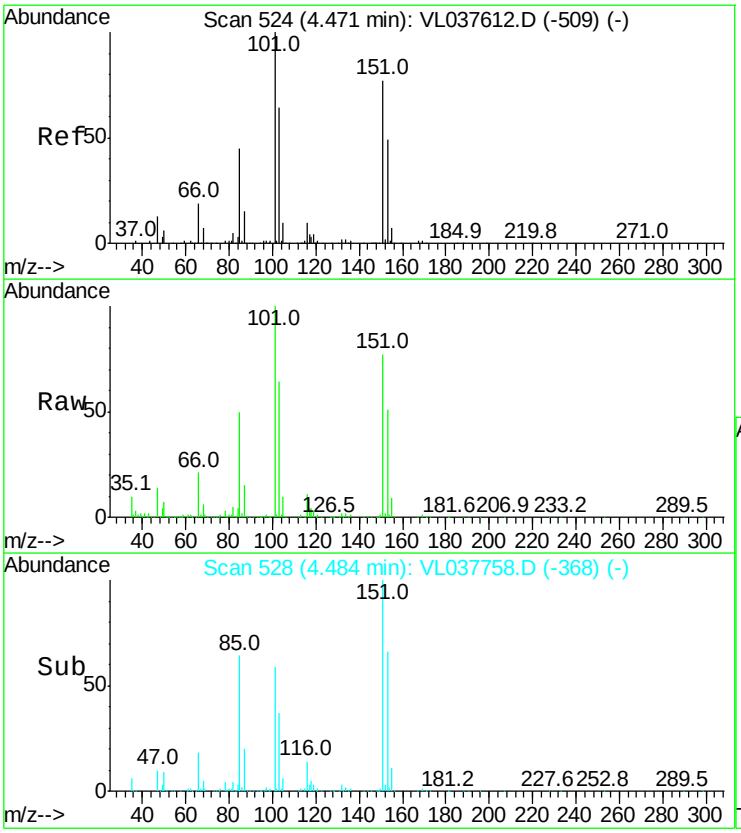
#11
Trichlorofluoromethane
Concen: 9.188 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2027709

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.9	77.9

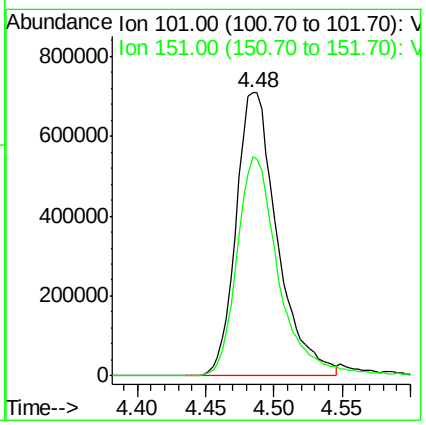


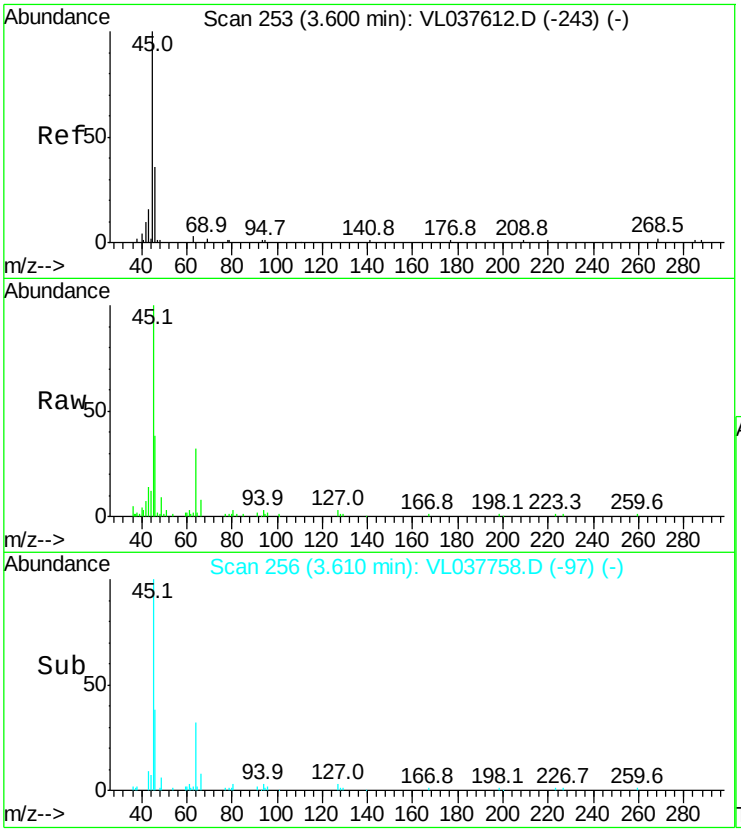


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.154 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:101 Resp: 1491163

Ion	Ratio	Lower	Upper
101	100		
151	78.6	63.5	95.3



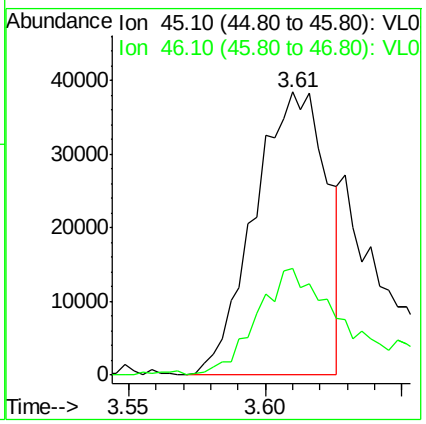


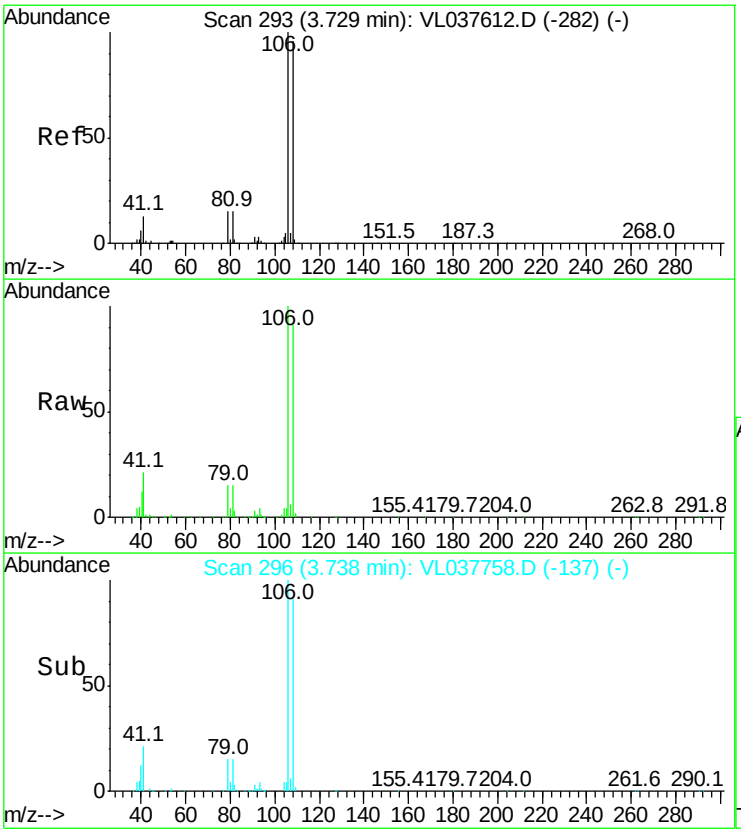
#13
Ethanol
Concen: 7.199 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 71165

Ion	Ratio	Lower	Upper
45	100		
46	50.6	17.2	68.8

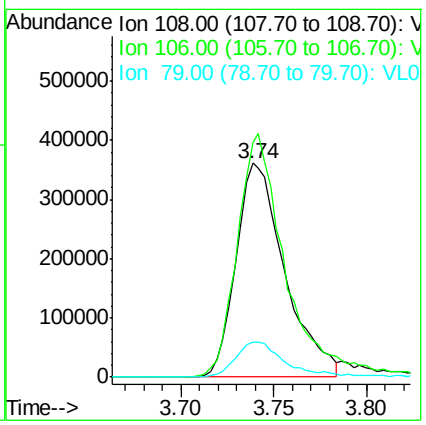


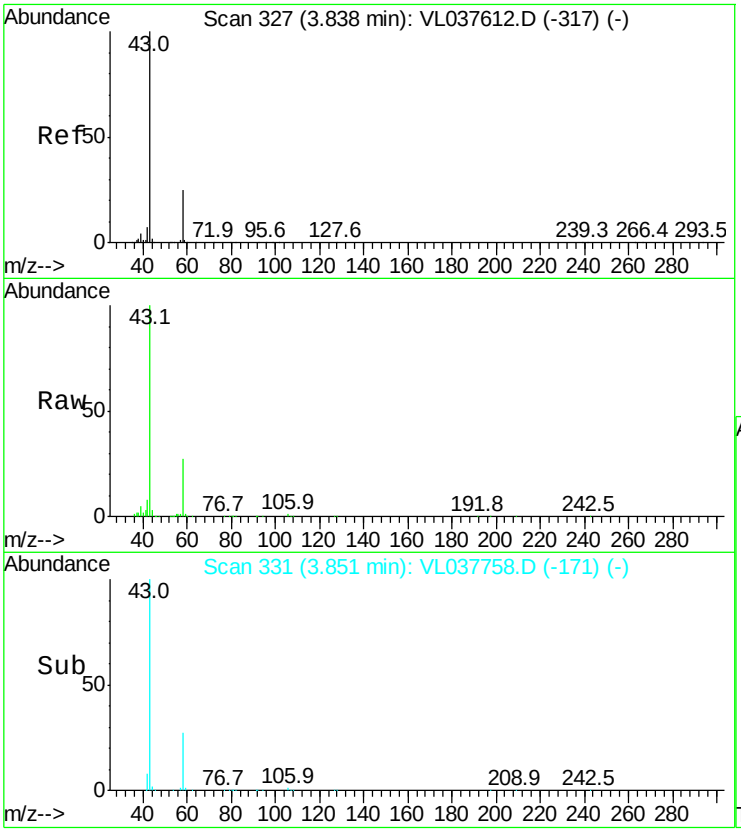


#14
Bromoethene
Concen: 8.908 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:108 Resp: 660503

Ion	Ratio	Lower	Upper
108	100		
106	114.9	88.2	132.4
79	17.4	12.8	19.2



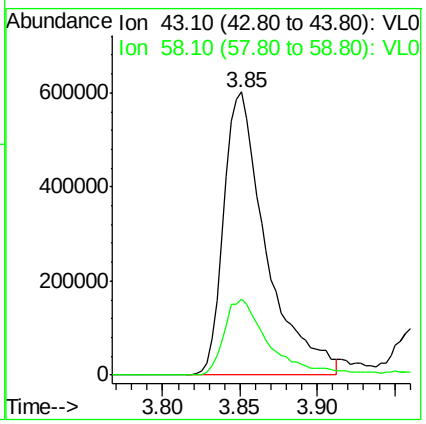


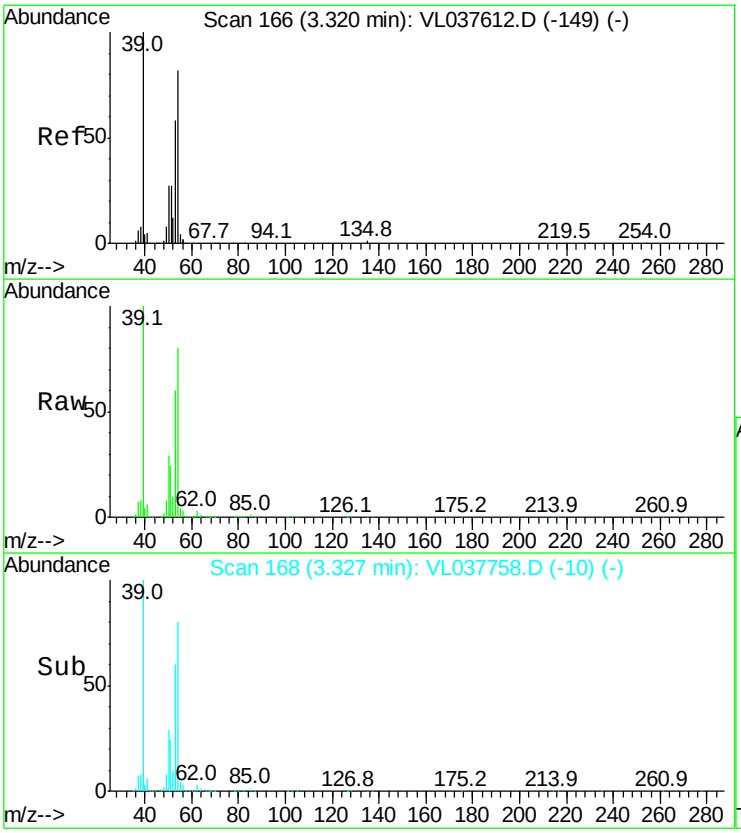
#15
Acetone
Concen: 7.230 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1141002

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.9	37.3

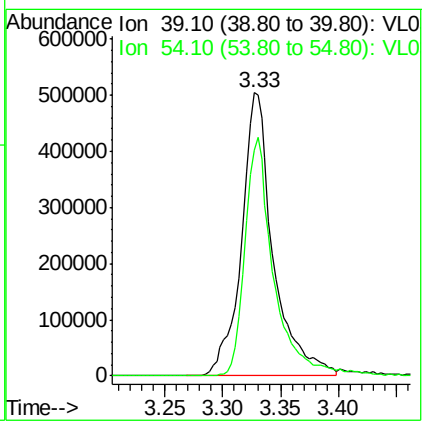


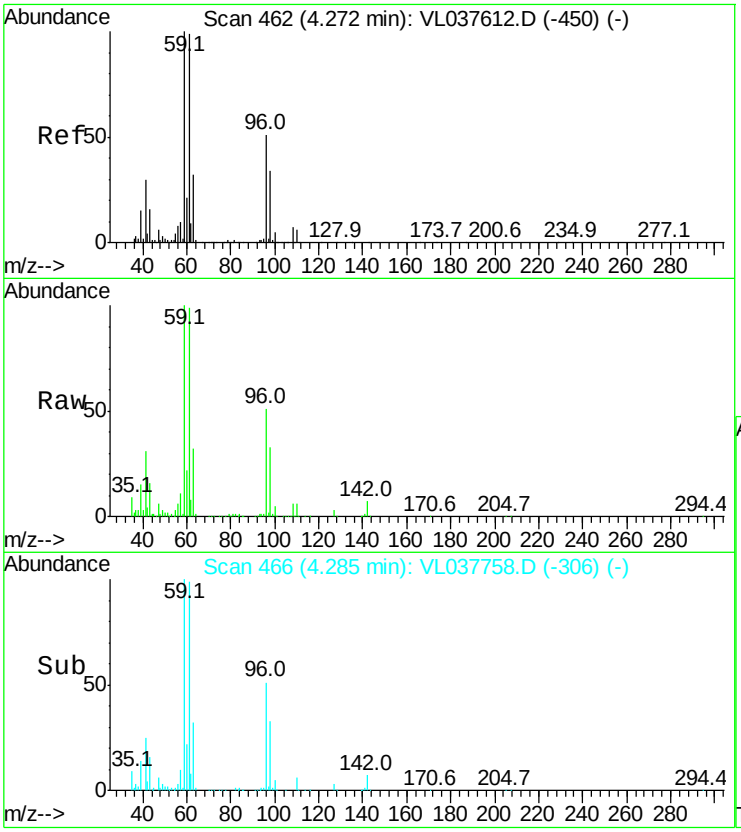


#16
1,3-Butadiene
Concen: 9.797 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 39 Resp: 966163

Ion	Ratio	Lower	Upper
39	100		
54	77.1	62.6	93.8



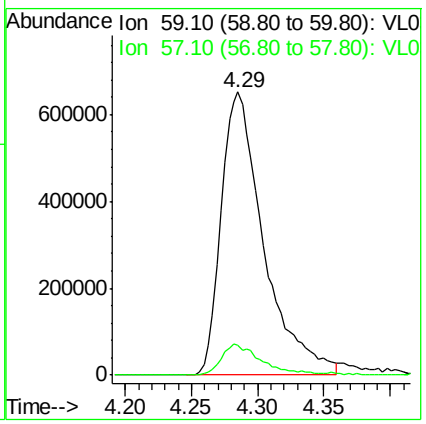


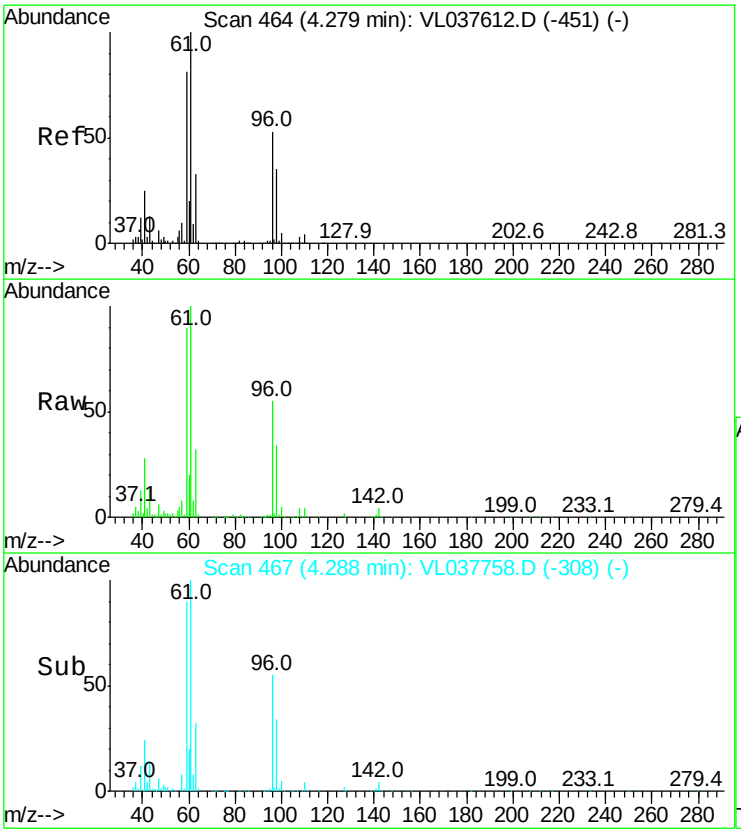
#17
tert-Butyl alcohol
Concen: 10.846 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1451540

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

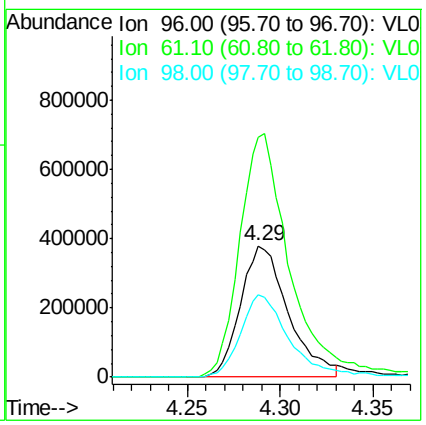


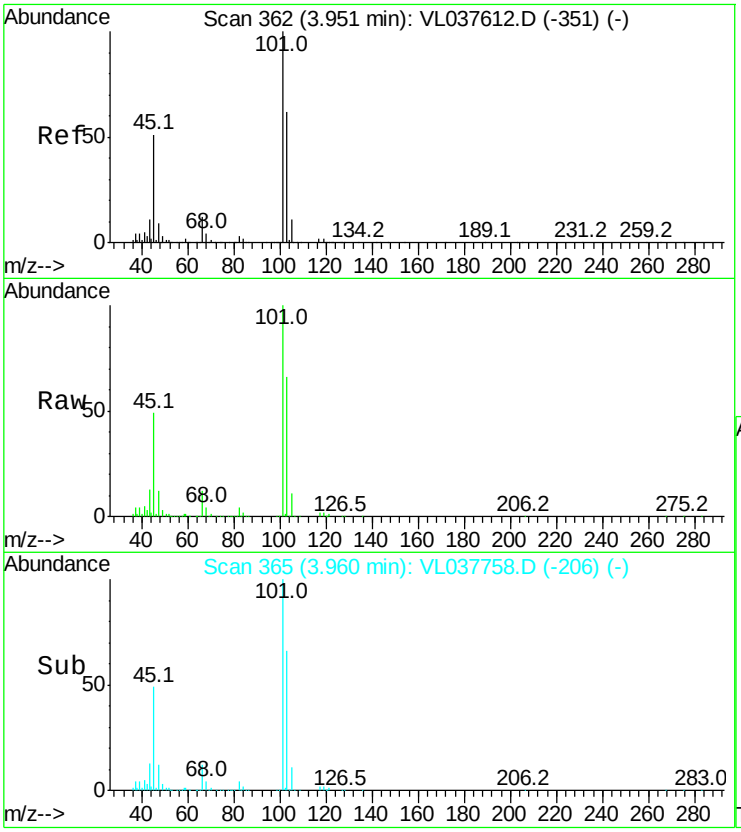


#18
1,1-Dichloroethene
Concen: 8.995 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 96 Resp: 682563

Ion	Ratio	Lower	Upper
96	100		
61	182.7	150.4	225.6
98	62.5	52.1	78.1



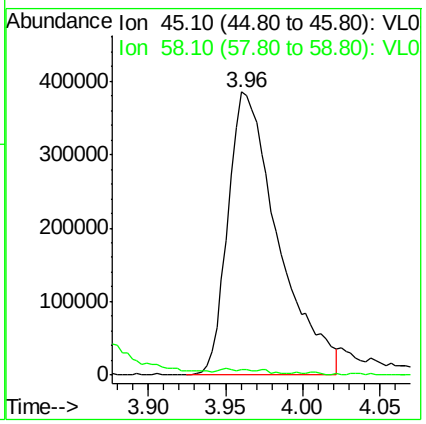


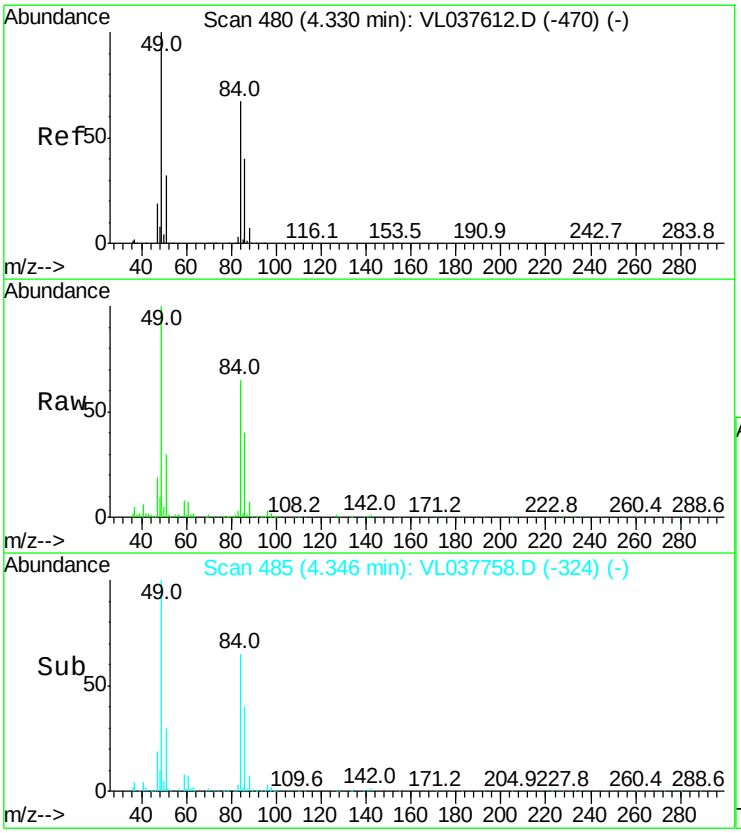
#19
Isopropyl Alcohol
Concen: 10.045 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 862629

Ion	Ratio	Lower	Upper
45	100		
58	1.4	2.9	4.3#

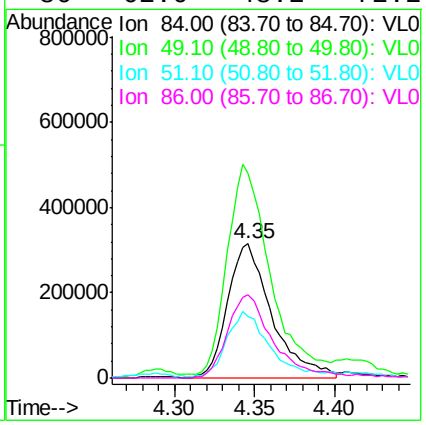


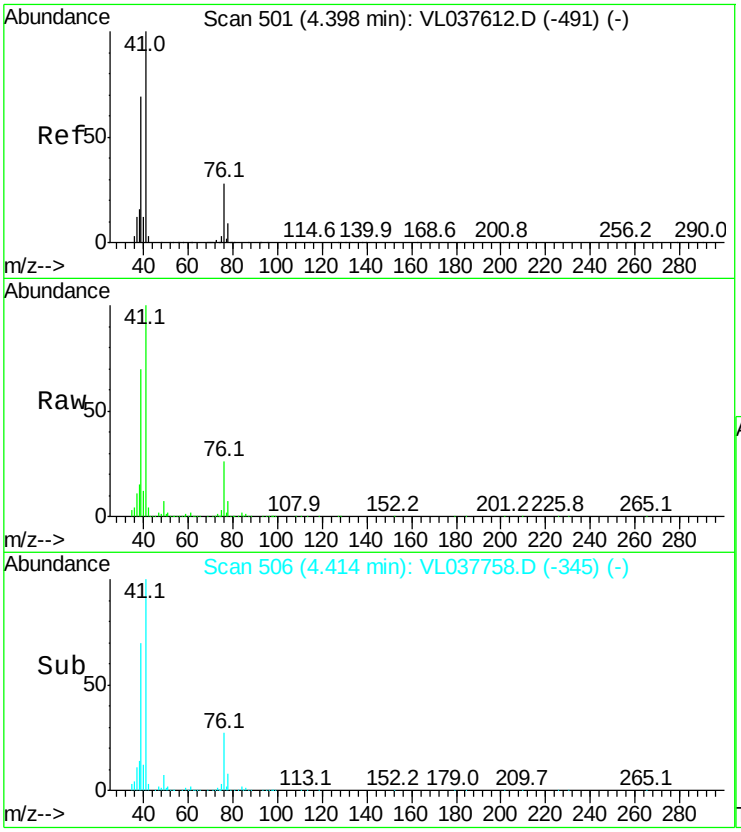


#20
Methylene Chloride
Concen: 7.791 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 84 Resp: 587002

Ion	Ratio	Lower	Upper
84	100		
49	150.9	120.0	180.0
51	45.3	38.0	57.0
86	62.0	48.2	72.2



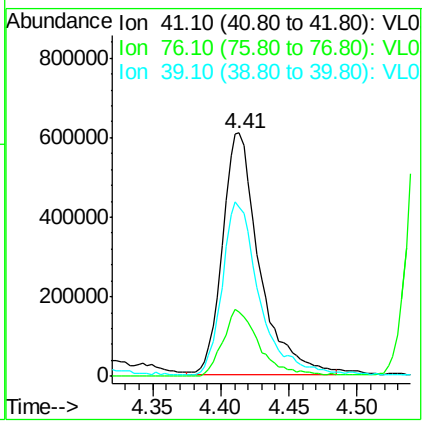


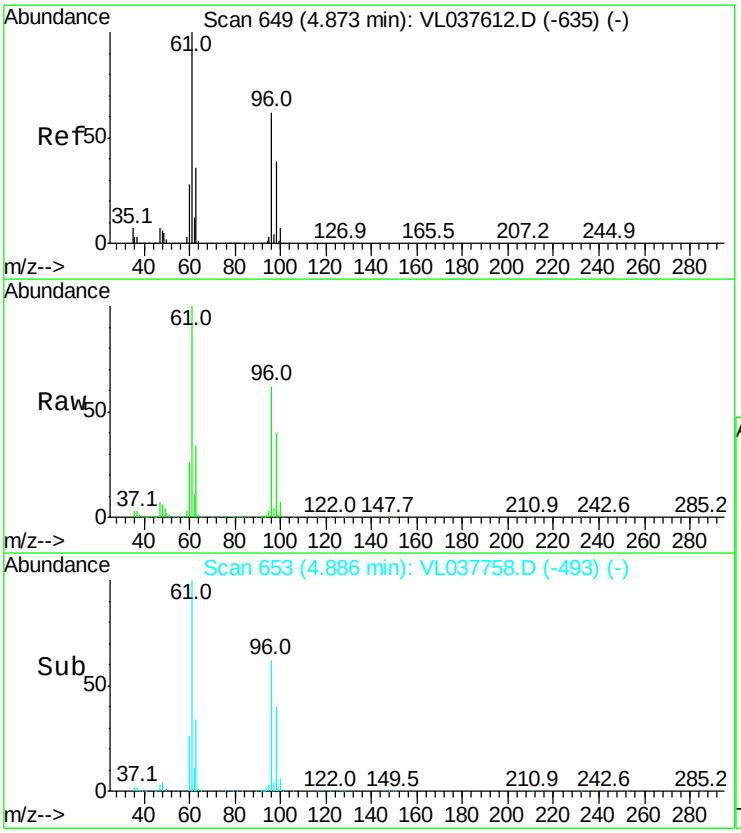
#21
Allyl Chloride
Concen: 9.744 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 1148915

Ion	Ratio	Lower	Upper
41	100		
76	28.0	23.1	34.7
39	72.5	61.0	91.6

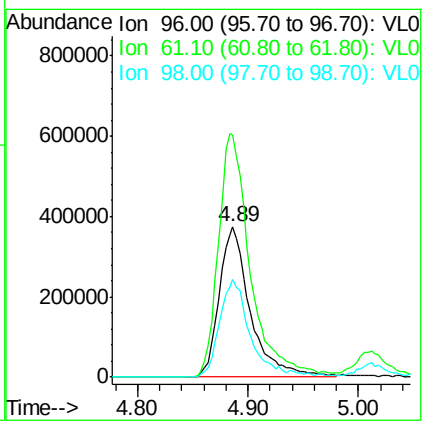


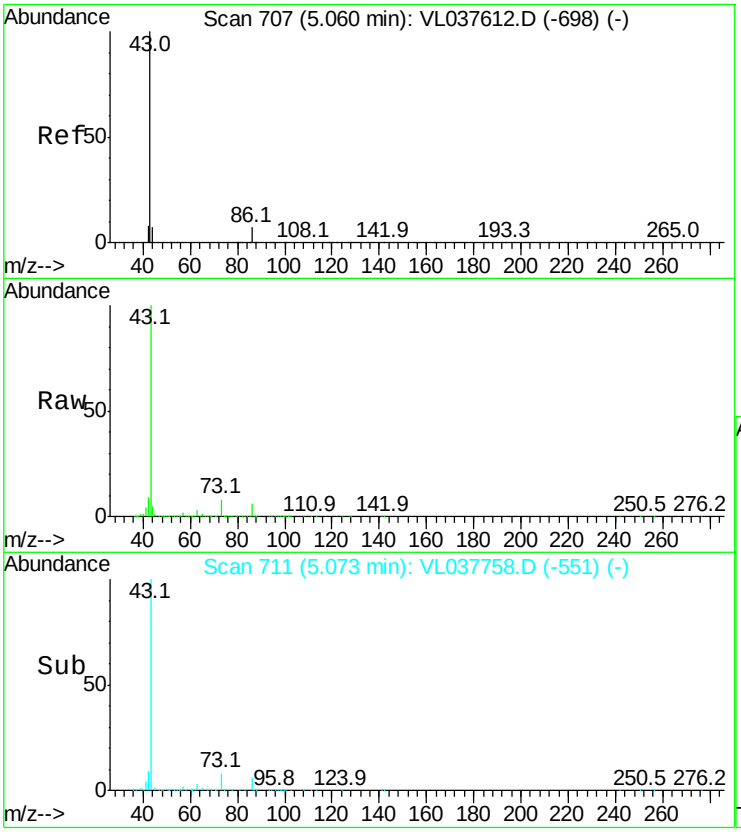


#22
trans-1,2-Dichloroethene
Concen: 9.569 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 96 Resp: 730591

Ion	Ratio	Lower	Upper
96	100		
61	161.3	129.2	193.8
98	64.6	50.4	75.6



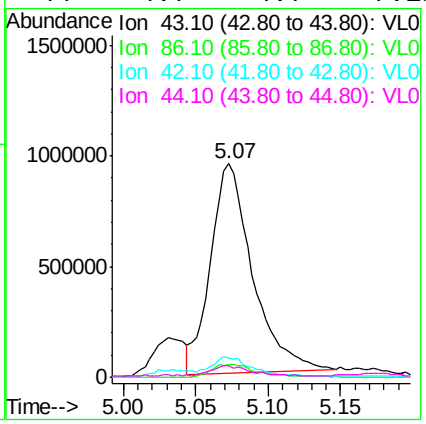


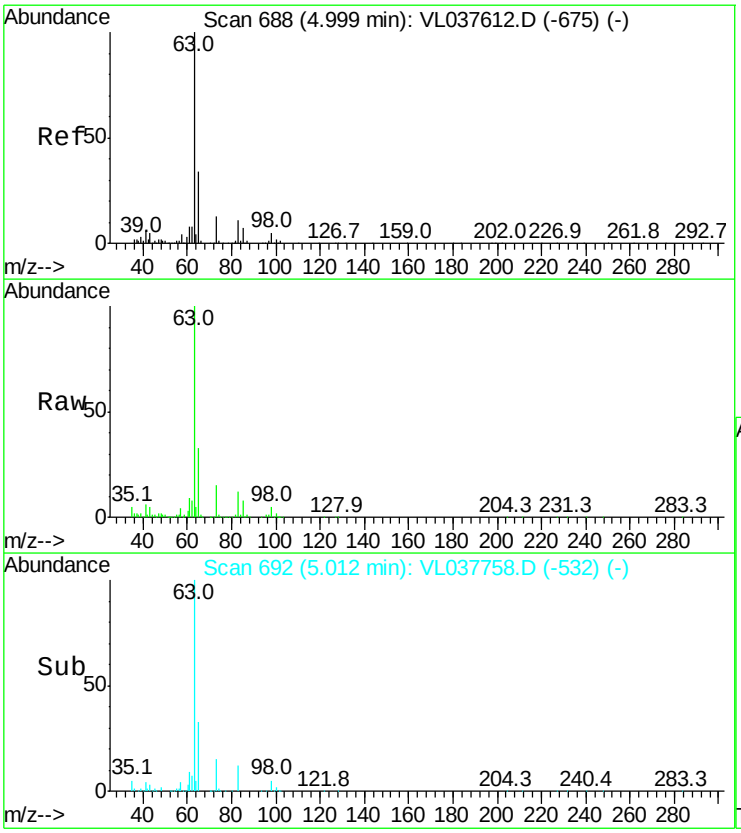
#23
Vinyl Acetate
Concen: 8.701 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1900347

Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.6
42	9.2	7.5	11.3
44	4.7	4.7	7.1#

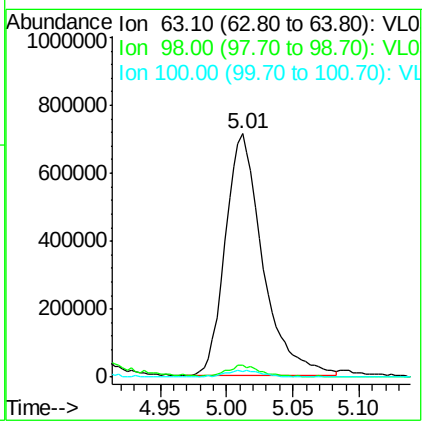


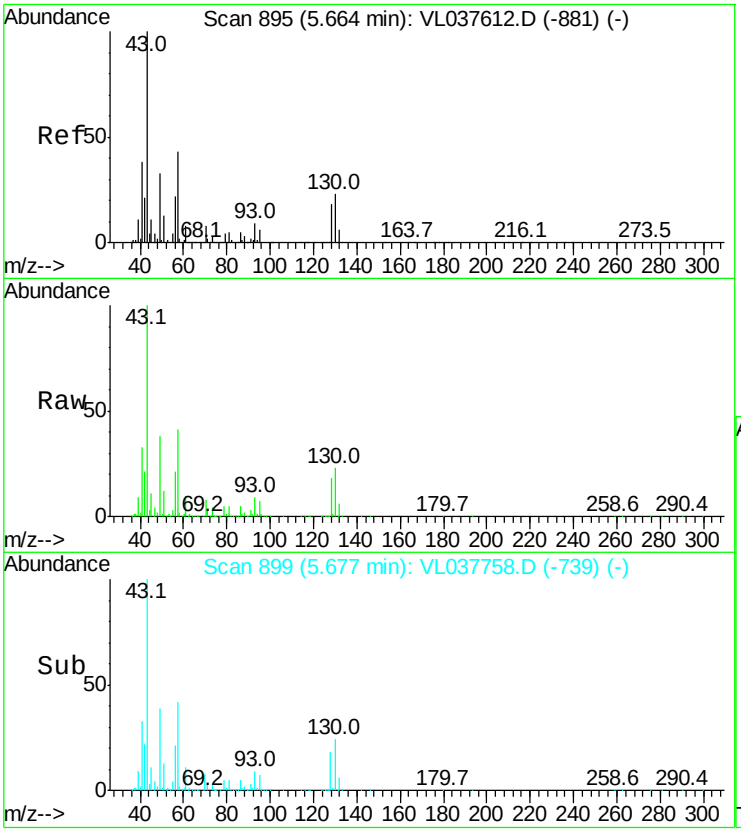


#24
1,1-Dichloroethane
Concen: 8.944 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 63 Resp: 1399276

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.4	7.2
100	2.1	1.1	3.5



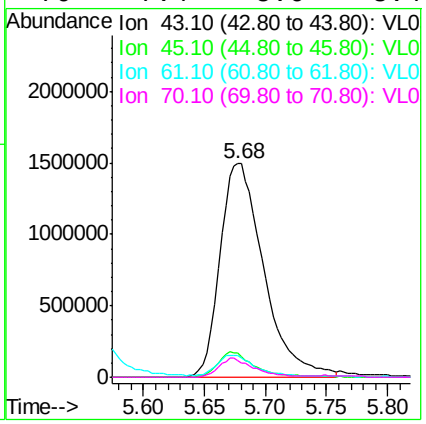


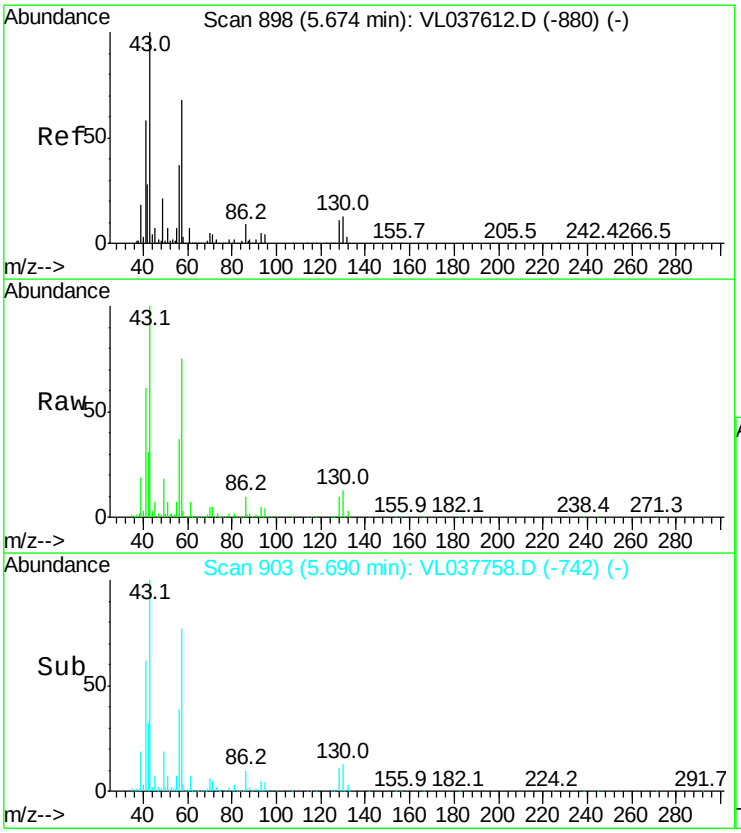
#25
Ethyl Acetate
Concen: 9.693 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 3705167

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	9.4	7.5	11.3
70	7.4	5.6	8.4

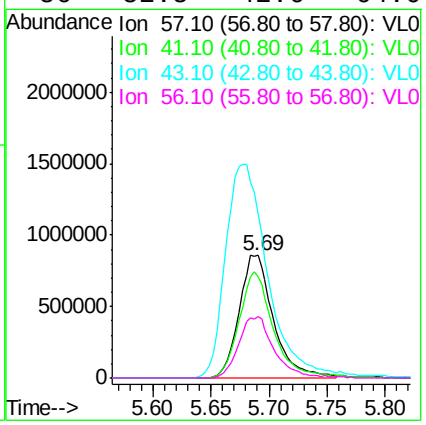


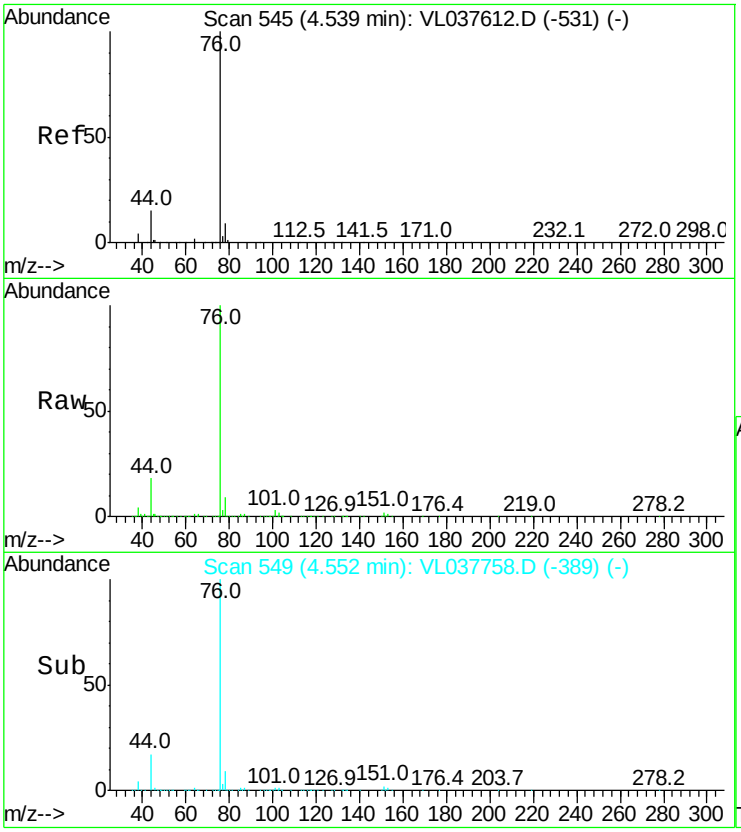


#26
Hexane
Concen: 9.751 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 57 Resp: 1770550

Ion	Ratio	Lower	Upper
57	100		
41	87.0	70.9	106.3
43	214.2	170.4	255.6
56	52.5	42.6	64.0



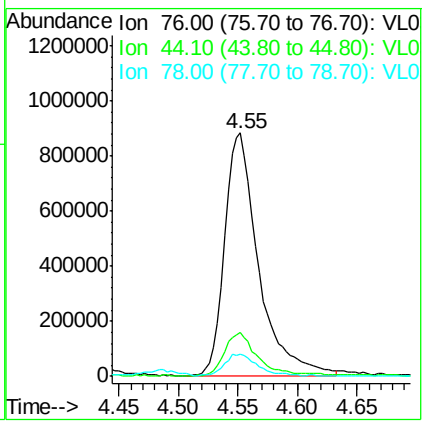


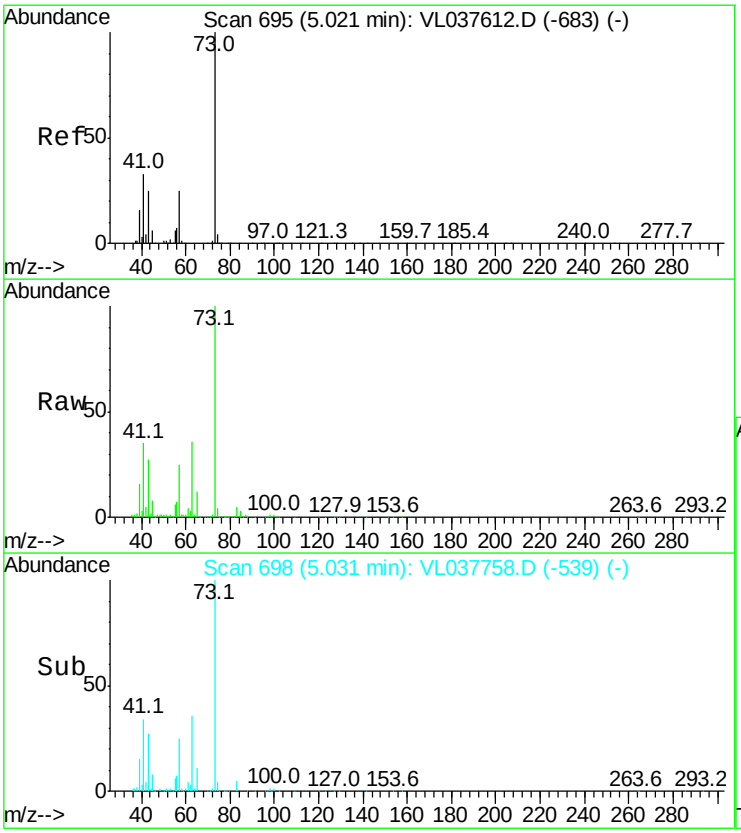
#27
Carbon Disulfide
Concen: 10.444 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1734830

Ion	Ratio	Lower	Upper
76	100		
44	17.9	14.2	21.2
78	9.7	7.4	11.0

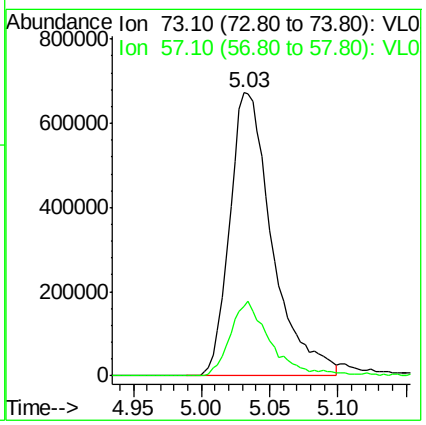


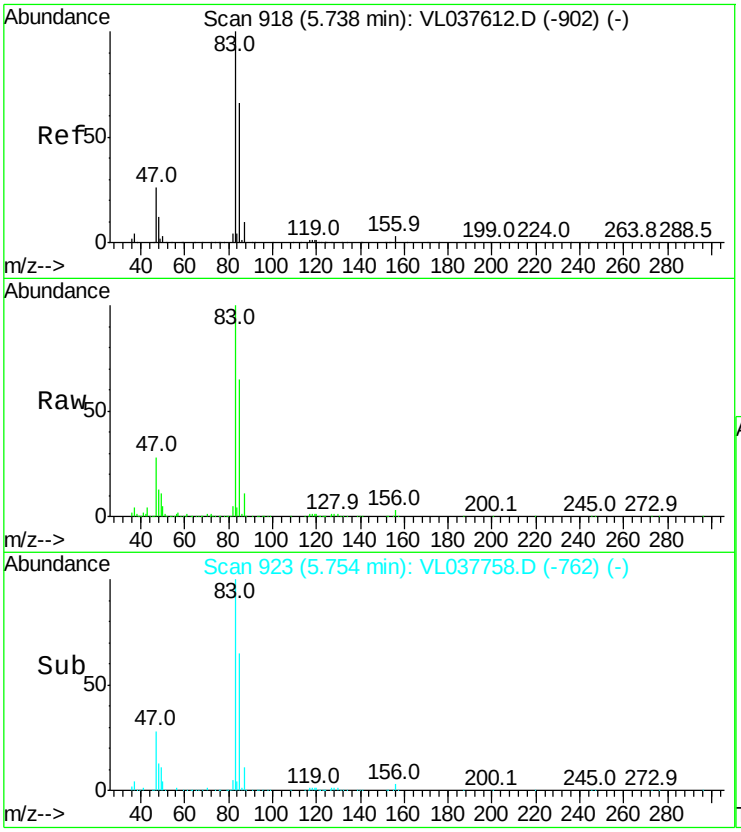


#28
Methyl tert-Butyl Ether
Concen: 9.107 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 73 Resp: 1456525

Ion	Ratio	Lower	Upper
73	100		
57	25.5	20.1	30.1



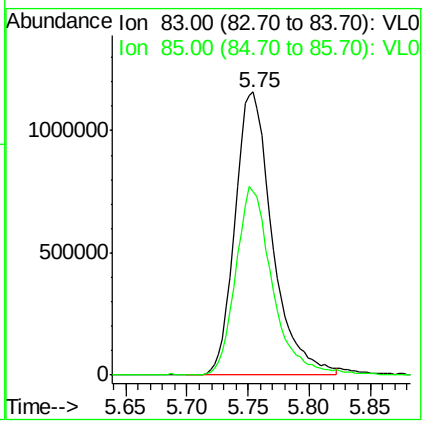


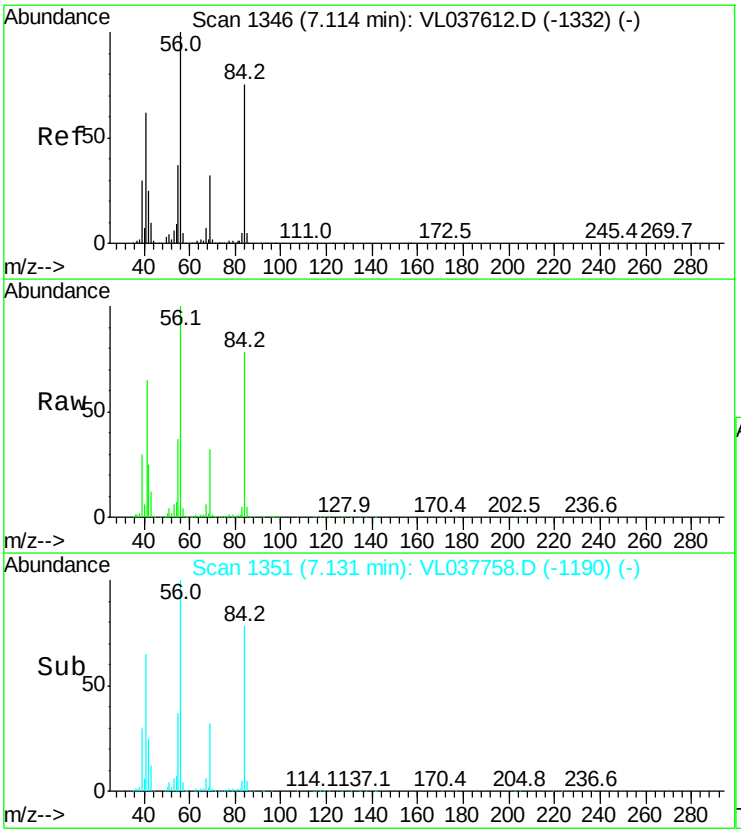
#29
Chloroform
Concen: 9.273 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2458548

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	79.0

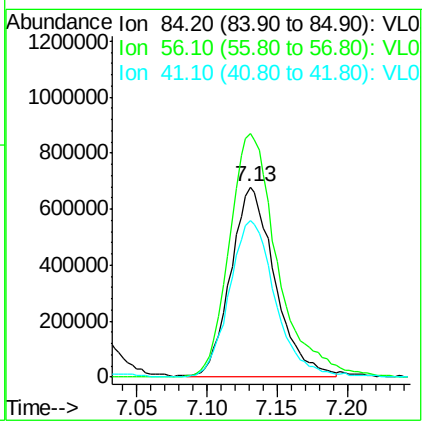


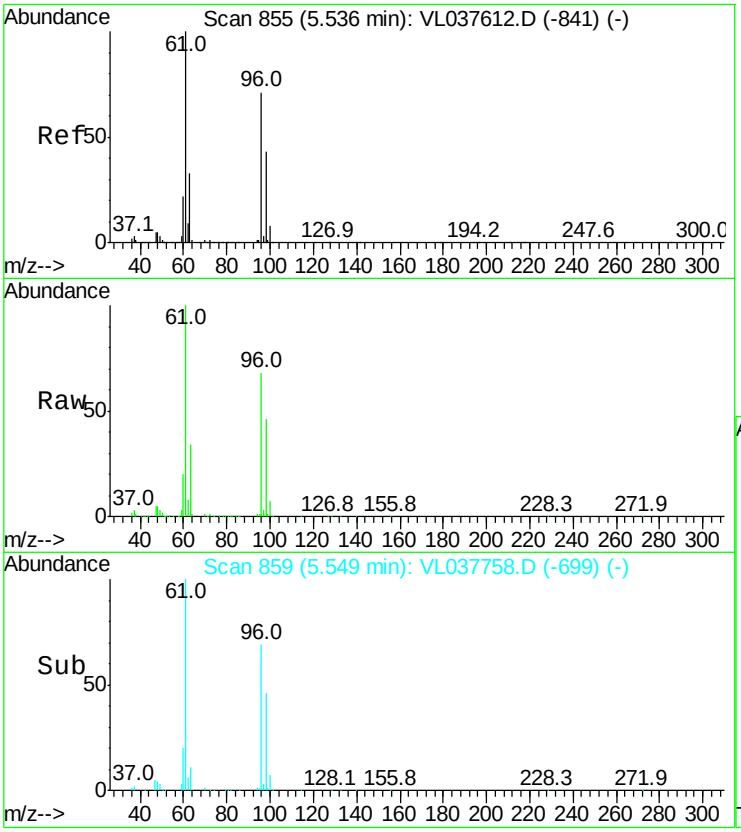


#30
Cyclohexane
Concen: 9.555 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 84 Resp: 1483866

Ion	Ratio	Lower	Upper
84	100		
56	141.2	113.6	170.4
41	86.4	67.9	101.9



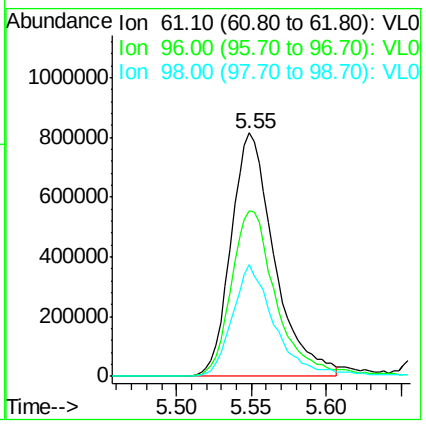


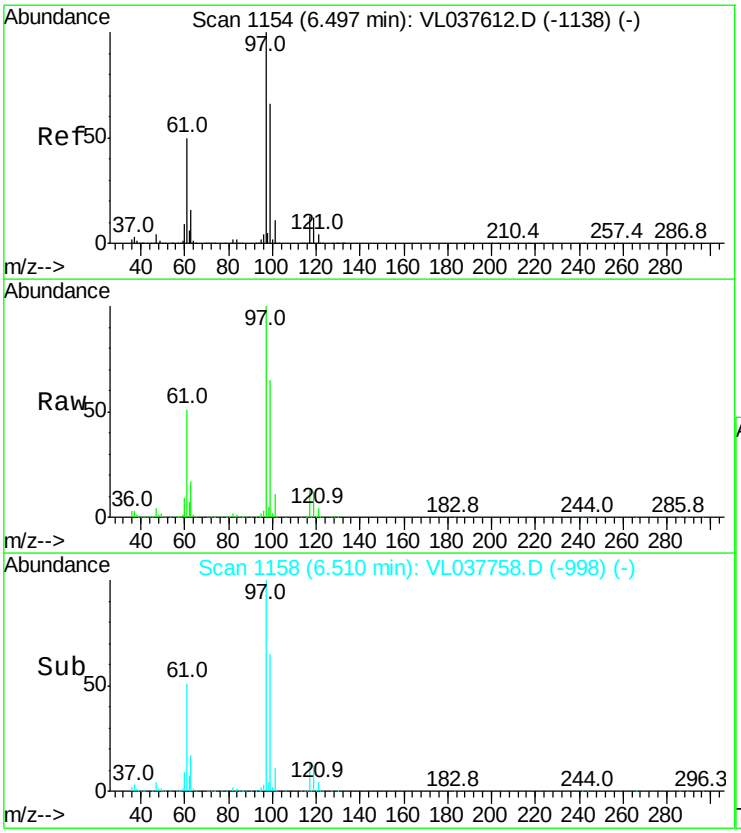
#31
cis-1,2-Dichloroethene
Concen: 9.932 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1637157

Ion	Ratio	Lower	Upper
61	100		
96	67.7	56.7	85.1
98	45.7	34.6	52.0

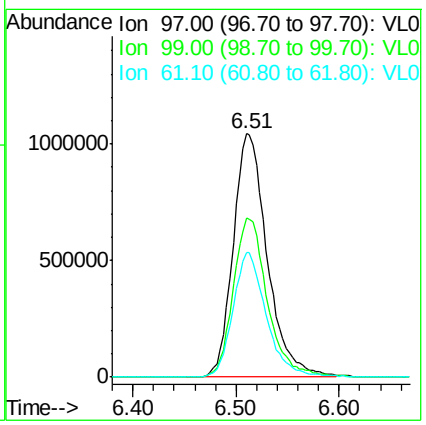


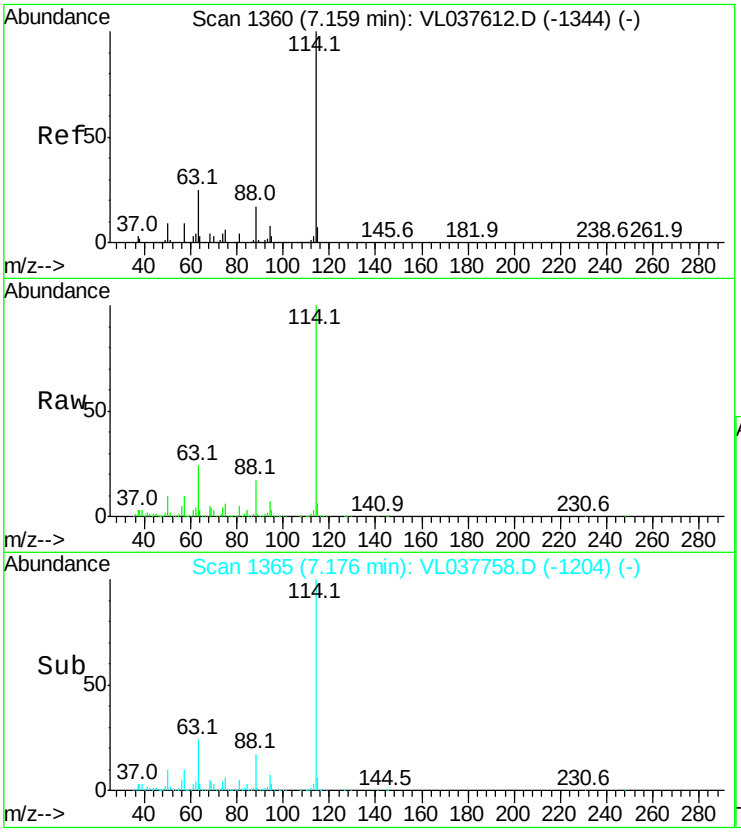


#32
1,1,1-Trichloroethane
Concen: 9.717 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 97 Resp: 2398637

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.3	78.5
61	50.3	39.5	59.3



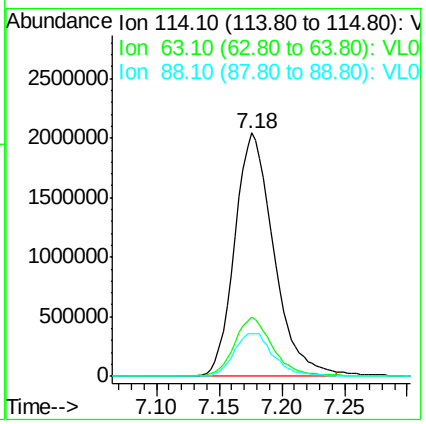


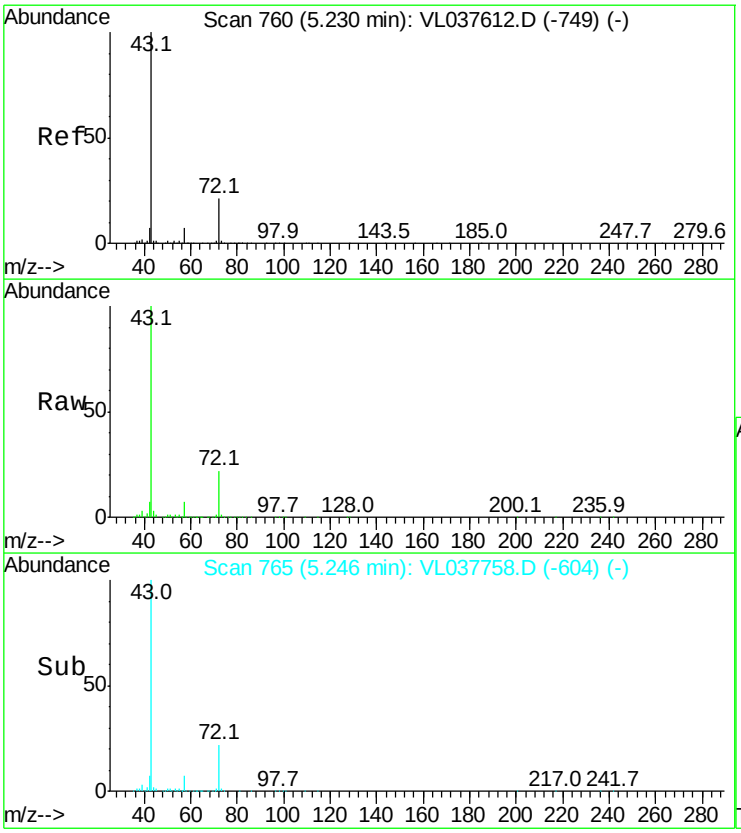
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 4431463

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	18.0	14.2	21.4

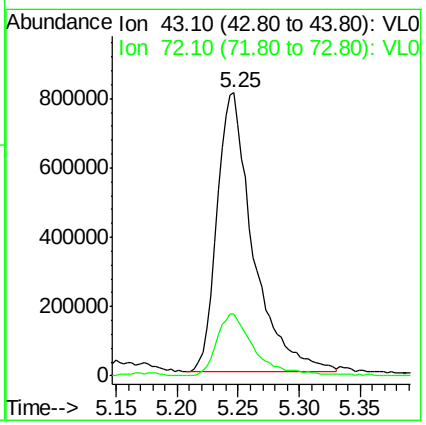


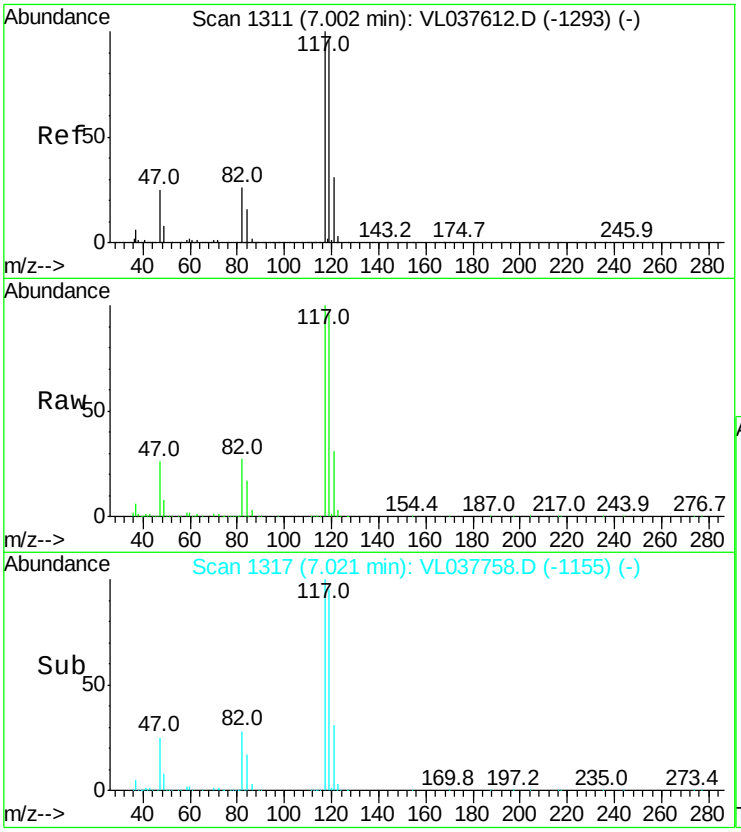


#34
2-Butanone
Concen: 9.297 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 43 Resp: 1674306

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.4	27.6



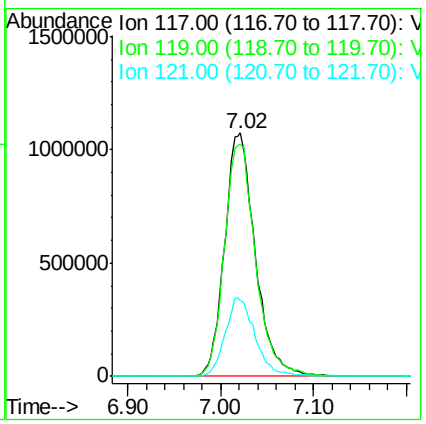


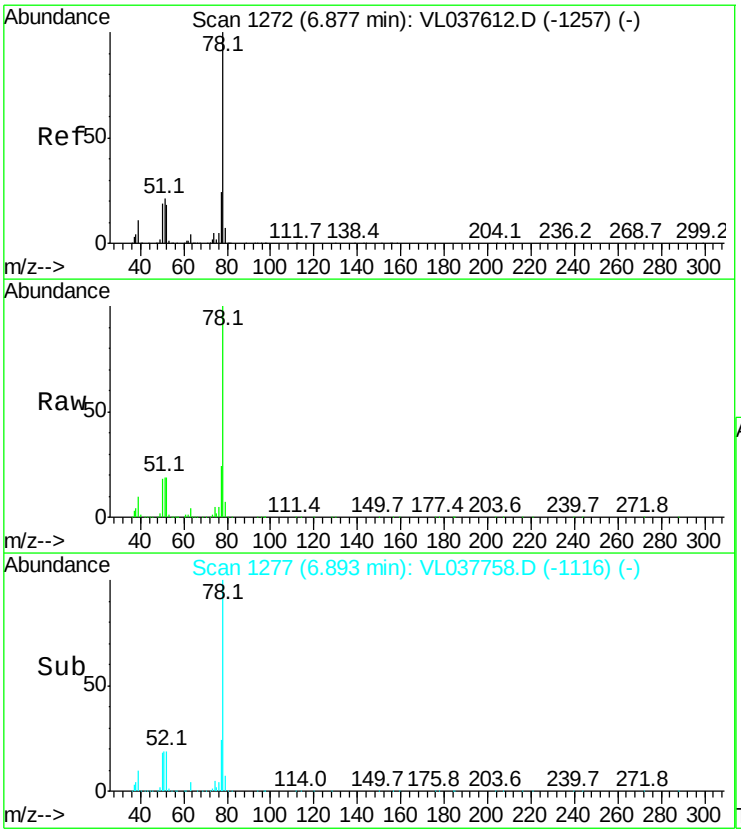
#35
Carbon Tetrachloride
Concen: 9.825 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2462933

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.6
121	31.1	24.5	36.7

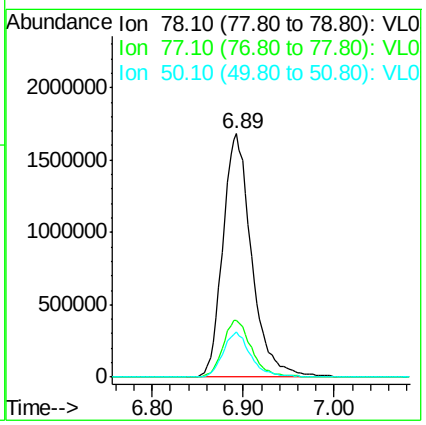


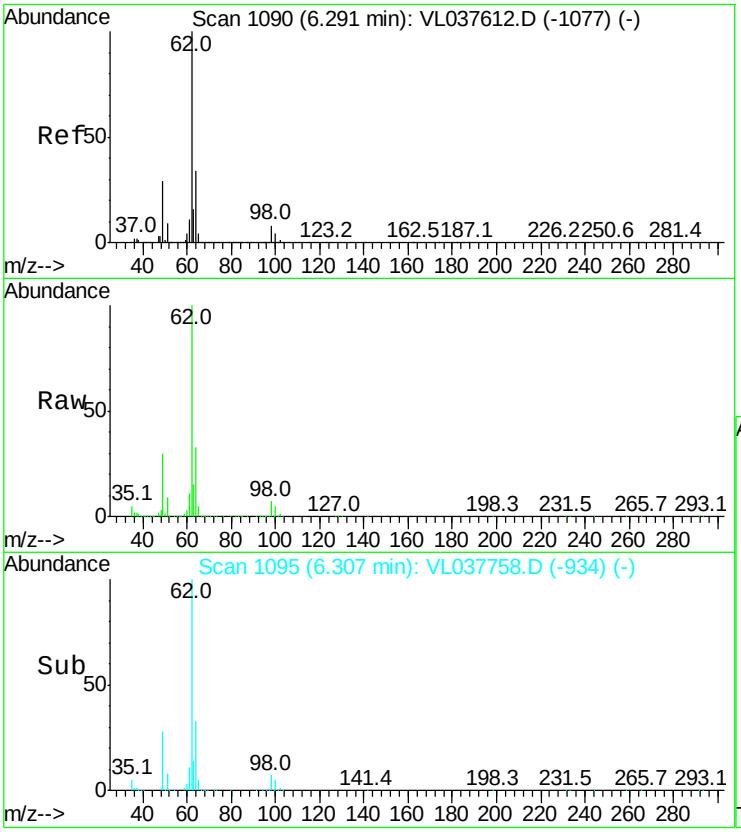


#36
Benzene
Concen: 9.990 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 78 Resp: 3691624

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4
50	18.4	14.8	22.2



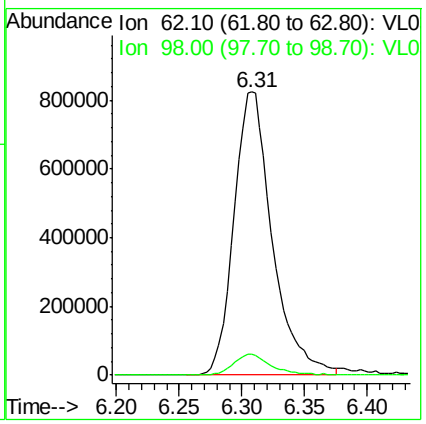


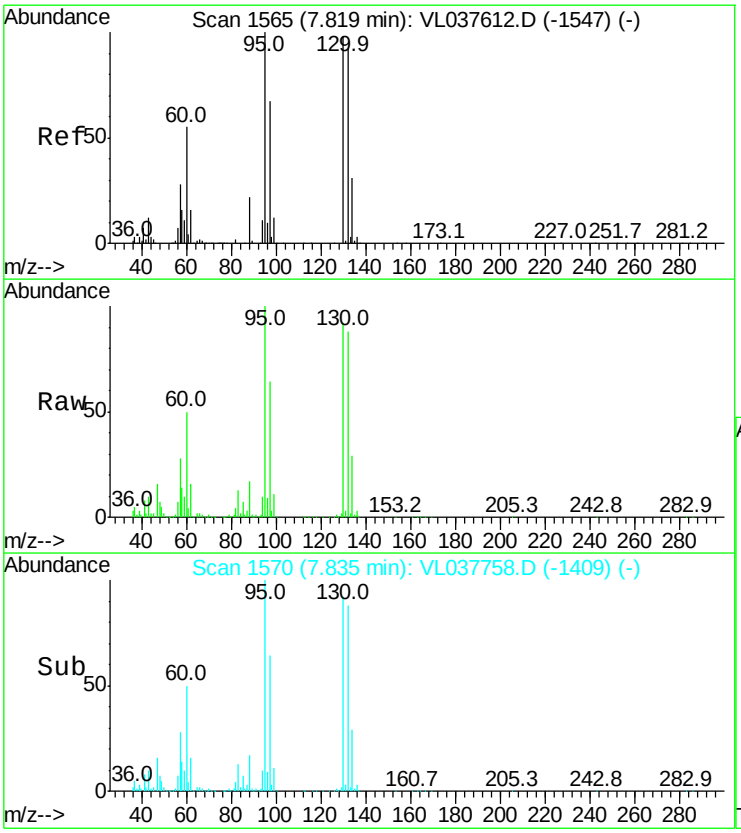
#37
1,2-Dichloroethane
Concen: 9.652 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1754200

Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.1	9.1

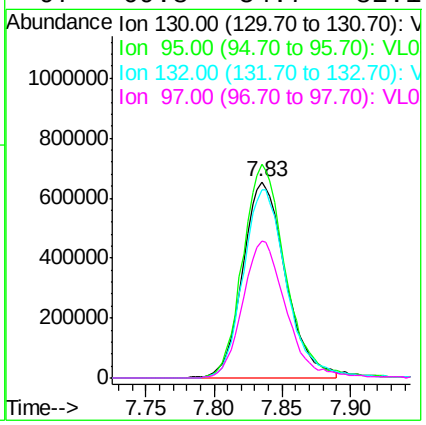


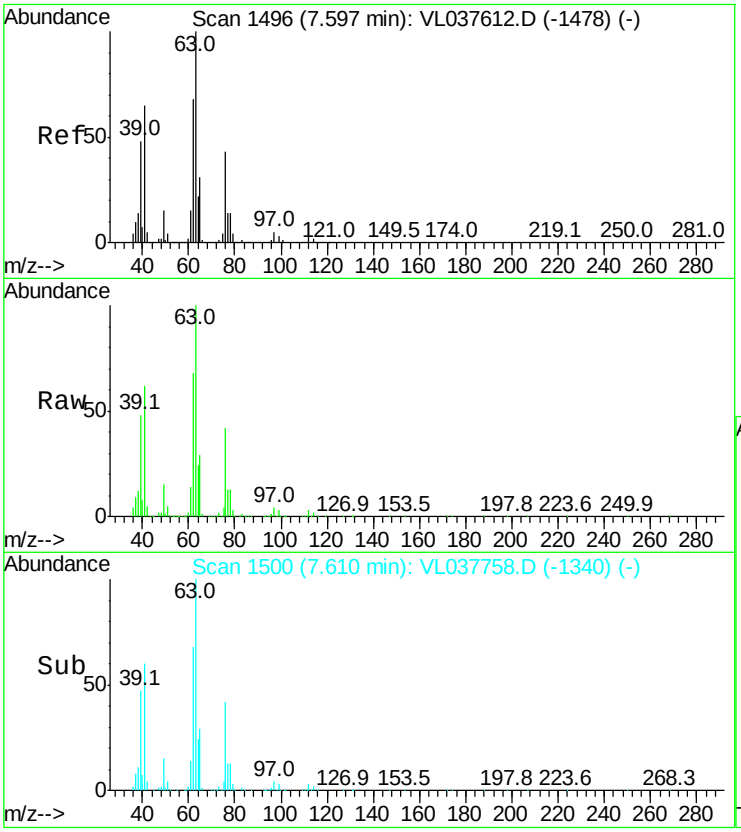


#38
Trichloroethene
Concen: 9.176 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:130 Resp: 1416418

Ion	Ratio	Lower	Upper
130	100		
95	109.2	81.8	122.6
132	96.0	75.3	112.9
97	69.8	54.7	82.1



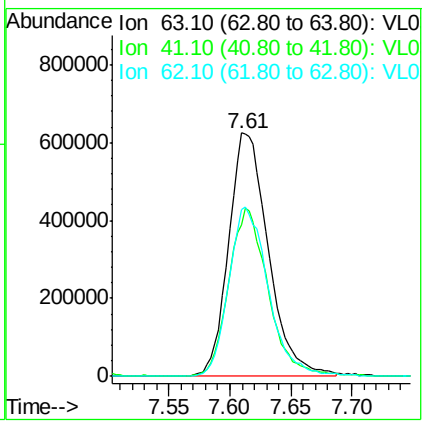


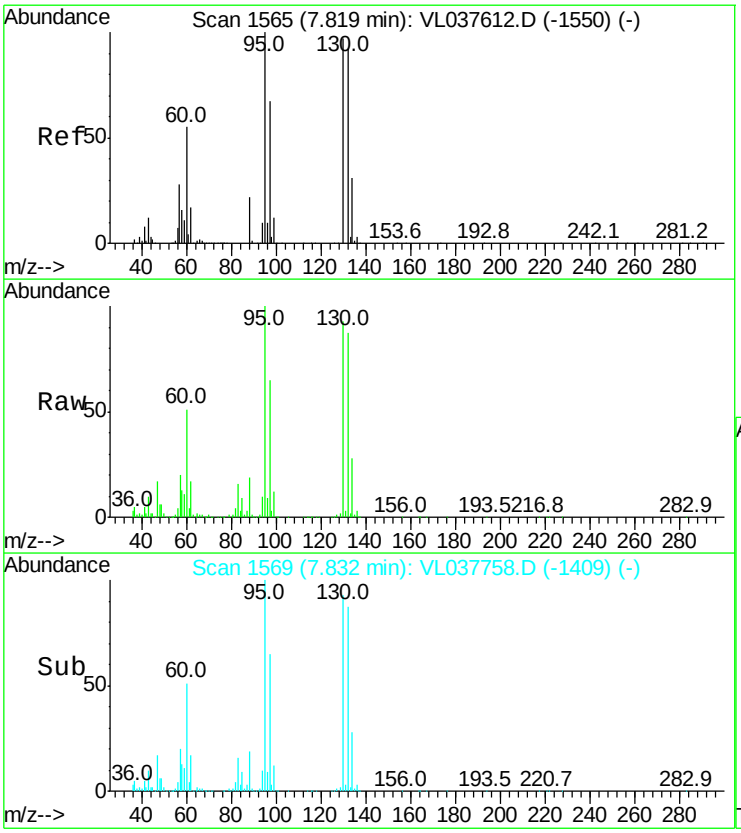
#39
1,2-Dichloropropane
Concen: 9.970 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 1411159

Ion	Ratio	Lower	Upper
63	100		
41	62.2	51.6	77.4
62	68.3	54.6	81.8

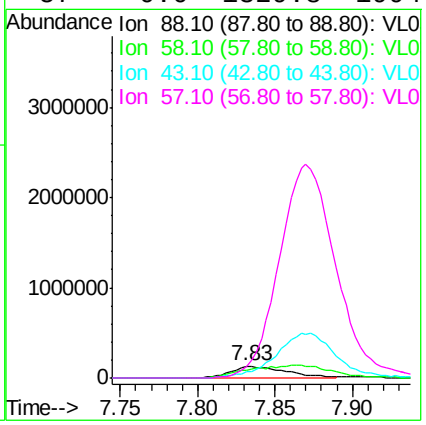


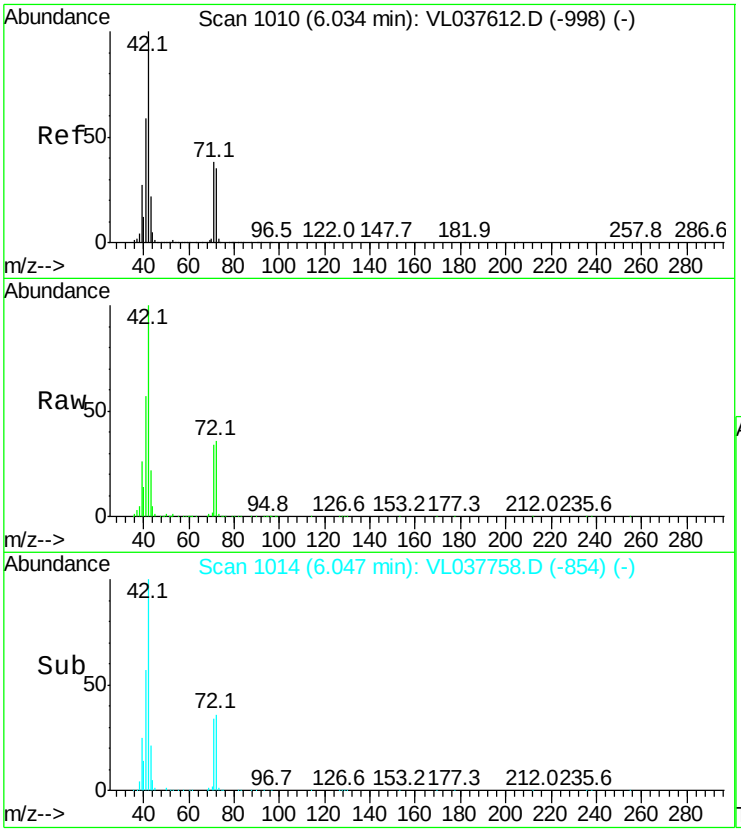


#40
1,4-Dioxane
Concen: 9.271 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 88 Resp: 319177

Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.4	183.6#
43	0.0	297.4	446.0#
57	0.0	1329.8	1994.8#



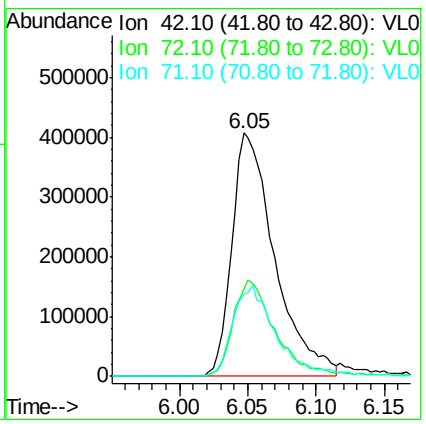


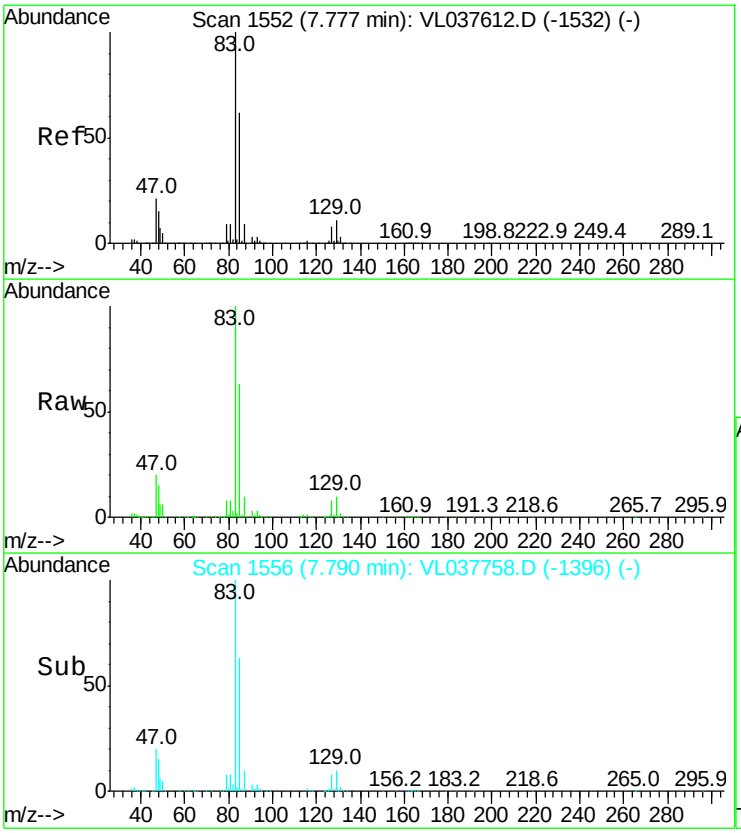
#41
Tetrahydrofuran
Concen: 10.477 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 886955

Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.4	47.2
71	37.9	30.6	46.0

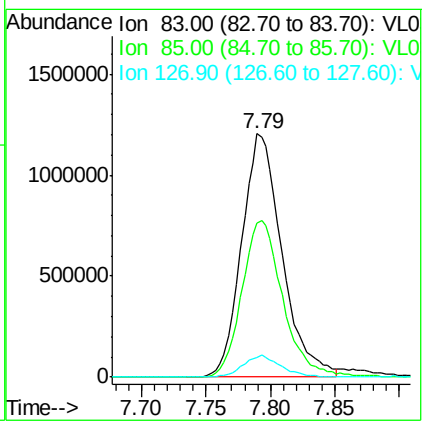


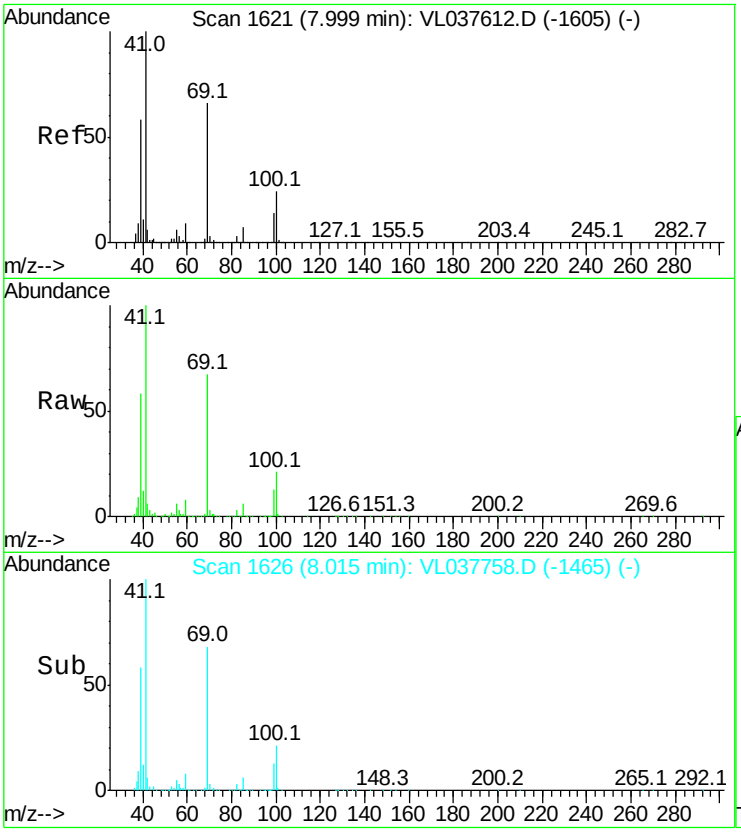


#42
Bromodichloromethane
Concen: 10.079 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 83 Resp: 2625265

Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.8	74.6
127	7.8	6.4	9.6



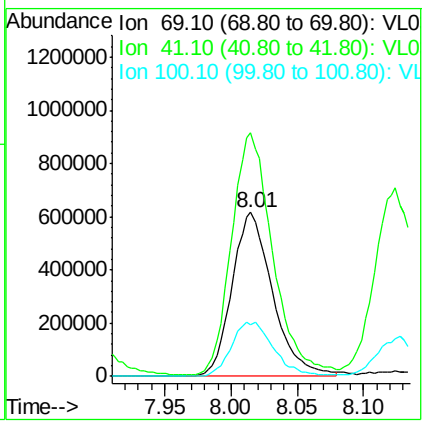


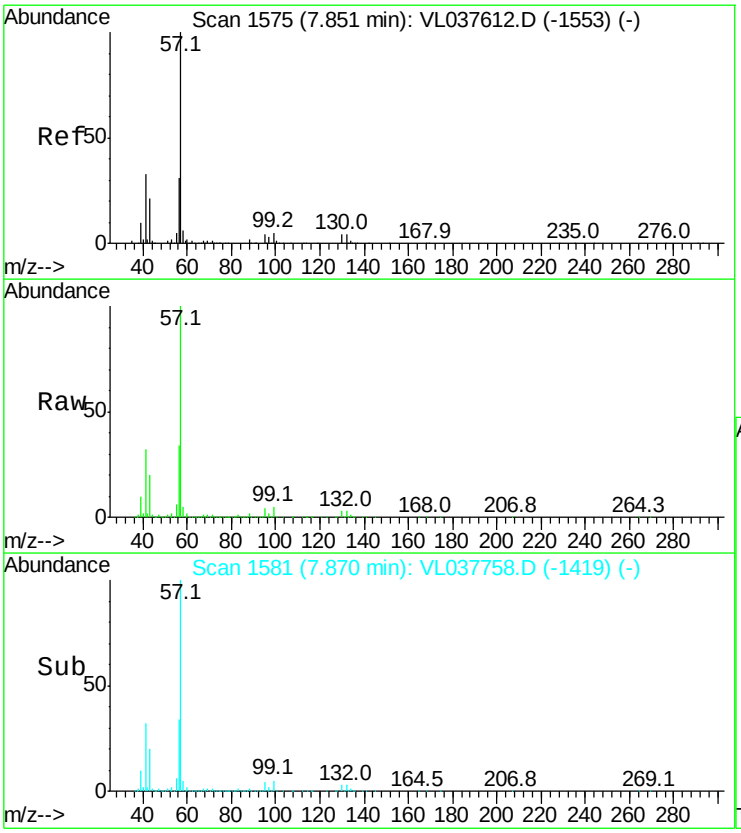
#43
Methyl Methacrylate
Concen: 10.683 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 1313337

Ion	Ratio	Lower	Upper
69	100		
41	151.2	119.0	178.4
100	34.6	27.6	41.4

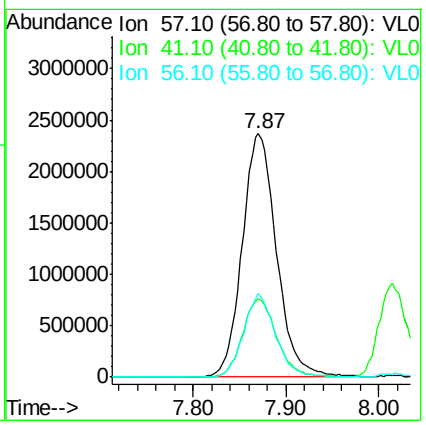


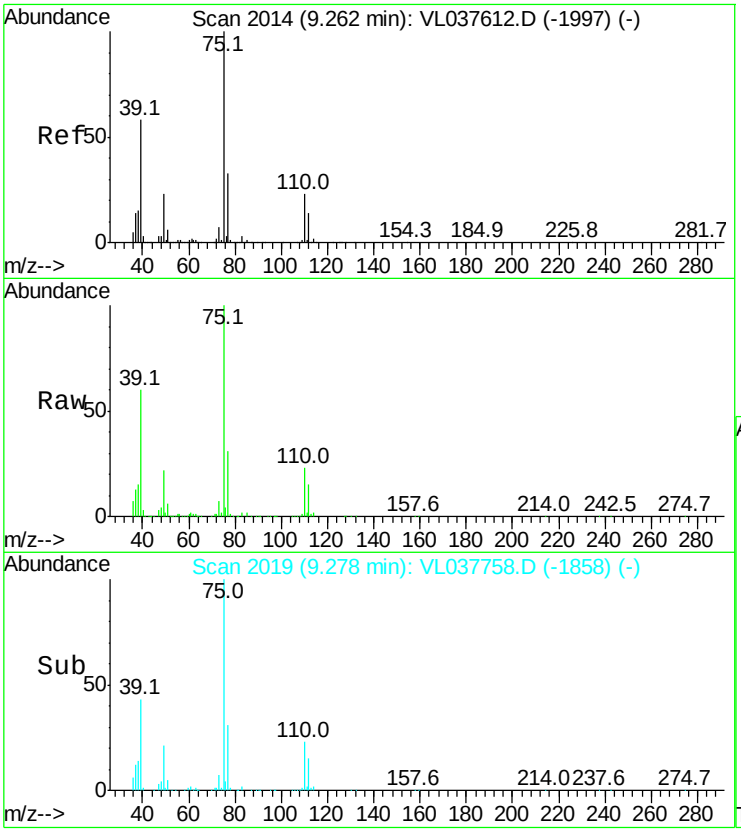


#44
2,2,4-Trimethylpentane
Concen: 9.794 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 57 Resp: 6084151

Ion	Ratio	Lower	Upper
57	100		
41	32.0	26.1	39.1
56	31.9	25.7	38.5



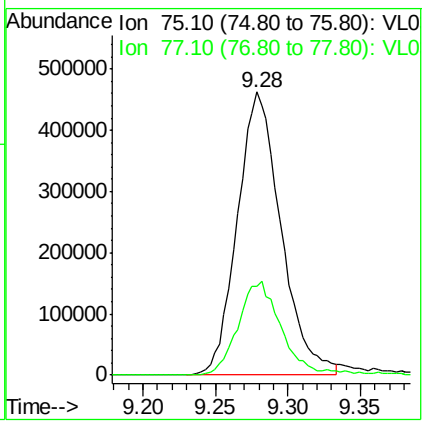


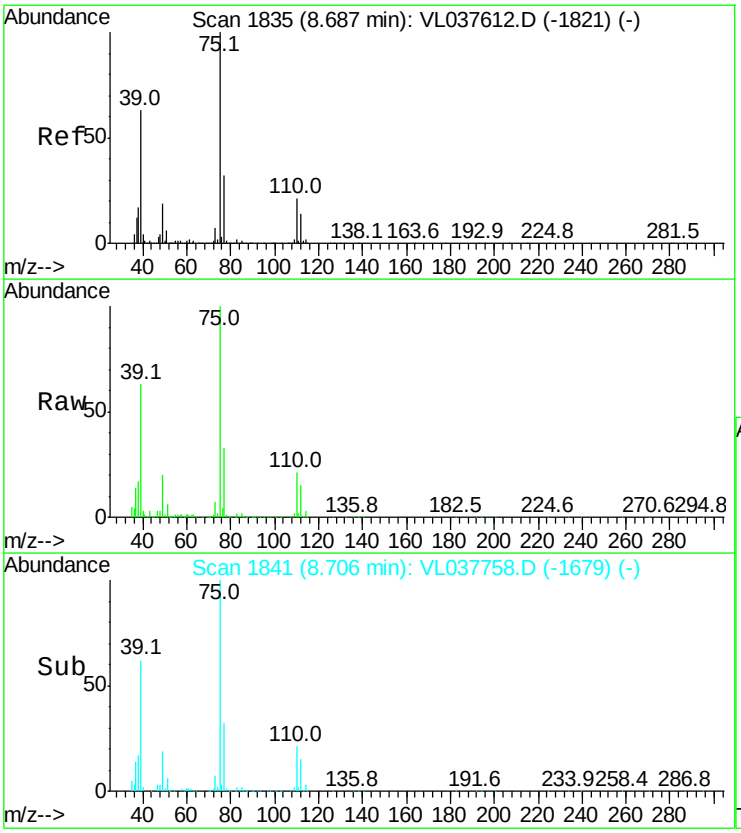
#45
t-1,3-Dichloropropene
Concen: 9.999 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 965539

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.3	39.5

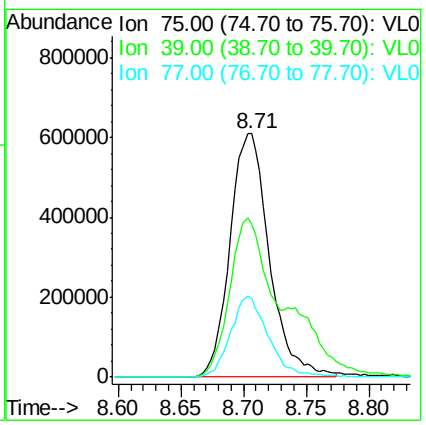


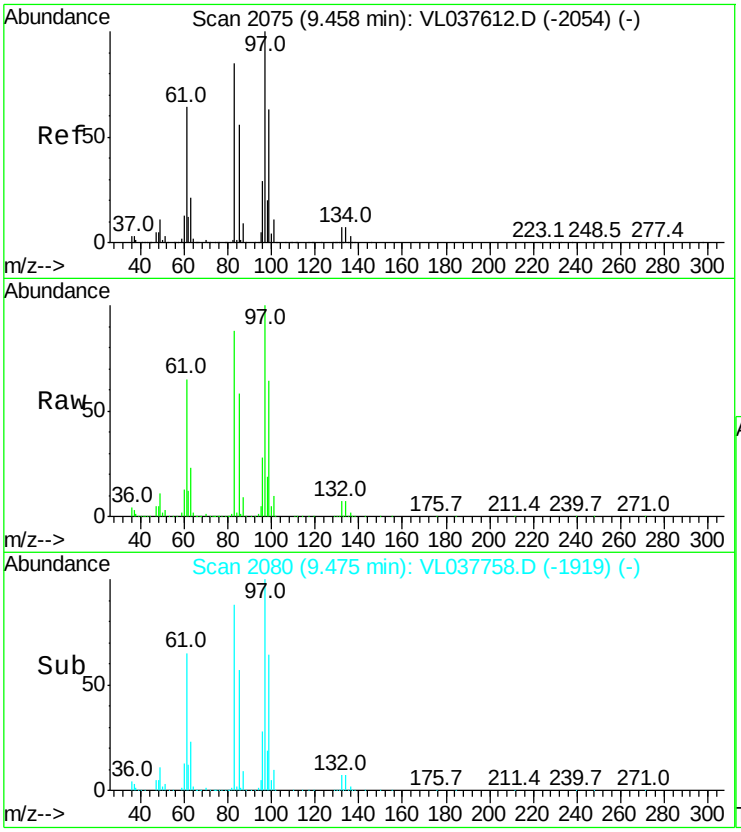


#46
cis-1,3-Dichloropropene
Concen: 10.210 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 75 Resp: 1331783

Ion	Ratio	Lower	Upper
75	100		
39	62.4	50.2	75.4
77	32.4	25.2	37.8



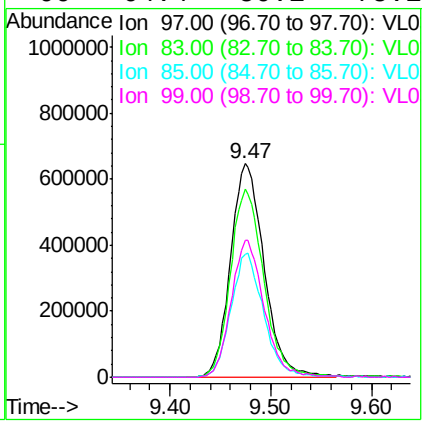


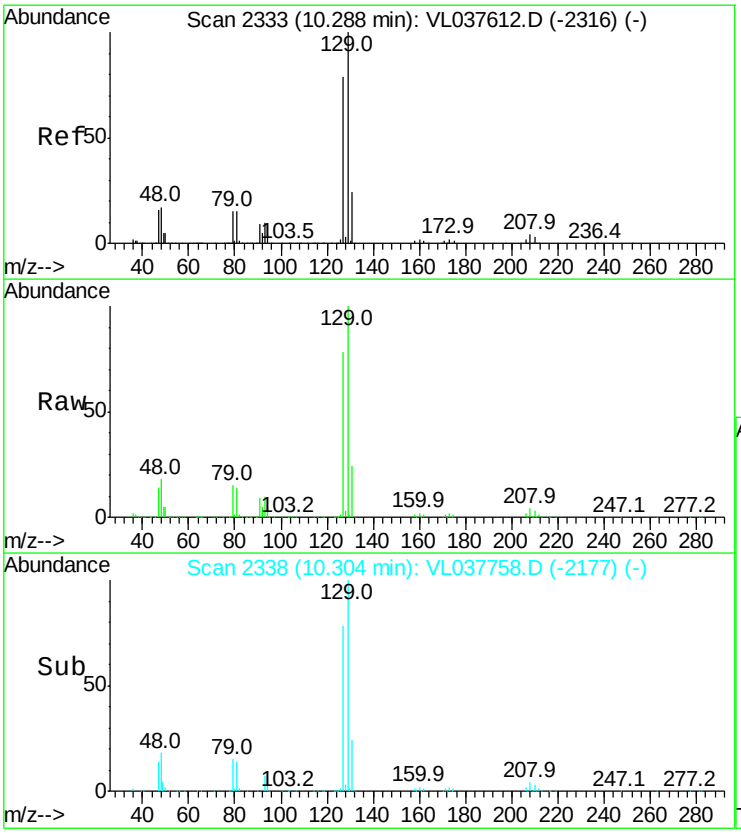
#47
1,1,2-Trichloroethane
Concen: 9.544 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1494246

Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.9	101.9
85	57.4	44.8	67.2
99	64.4	50.1	75.1

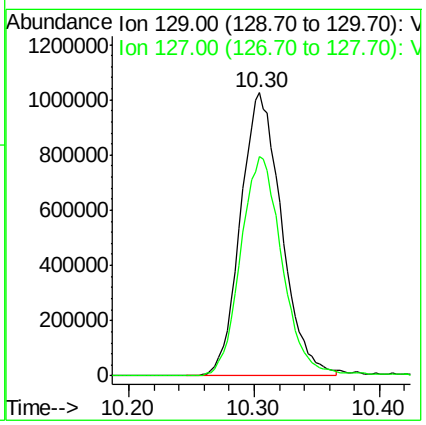


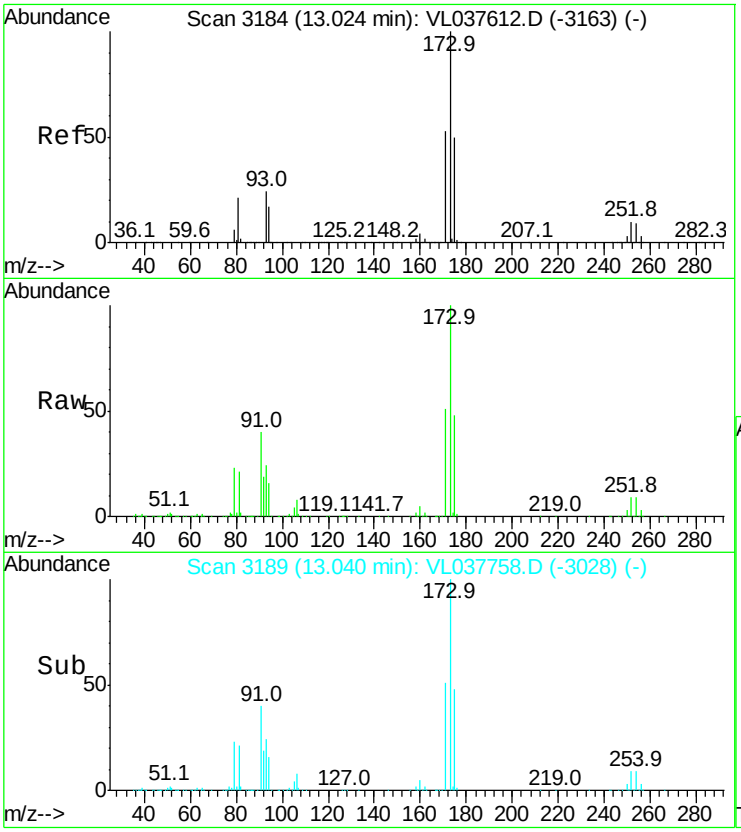


#48
Dibromochloromethane
Concen: 10.673 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:129 Resp: 2331117

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.3	117.8



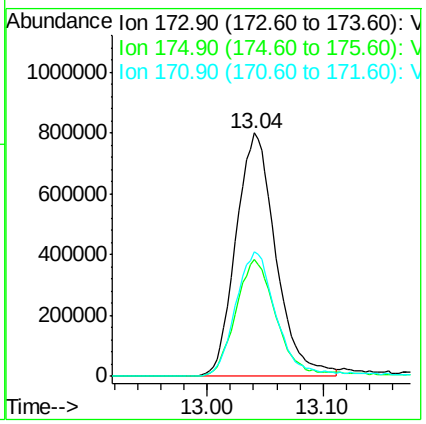


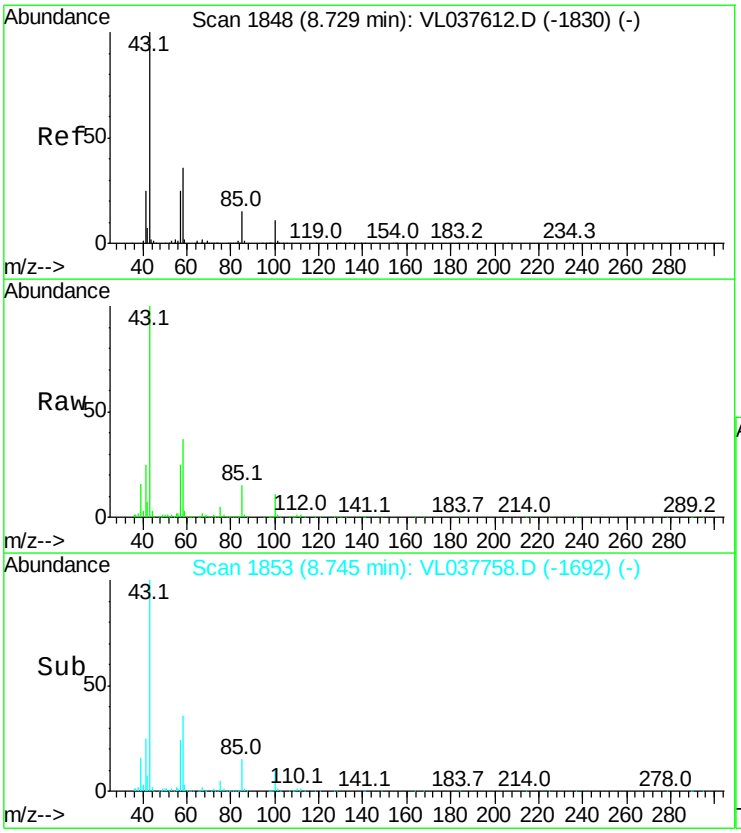
#49
Bromoform
Concen: 10.947 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1913717

Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.8	59.8
171	54.3	42.2	63.4

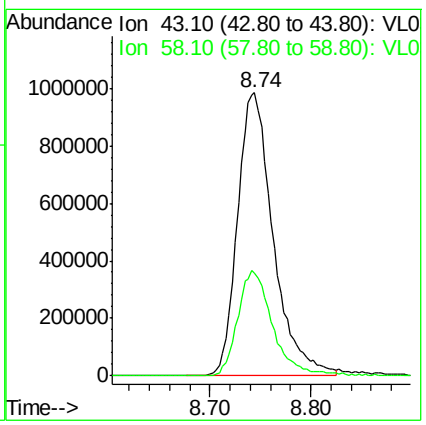


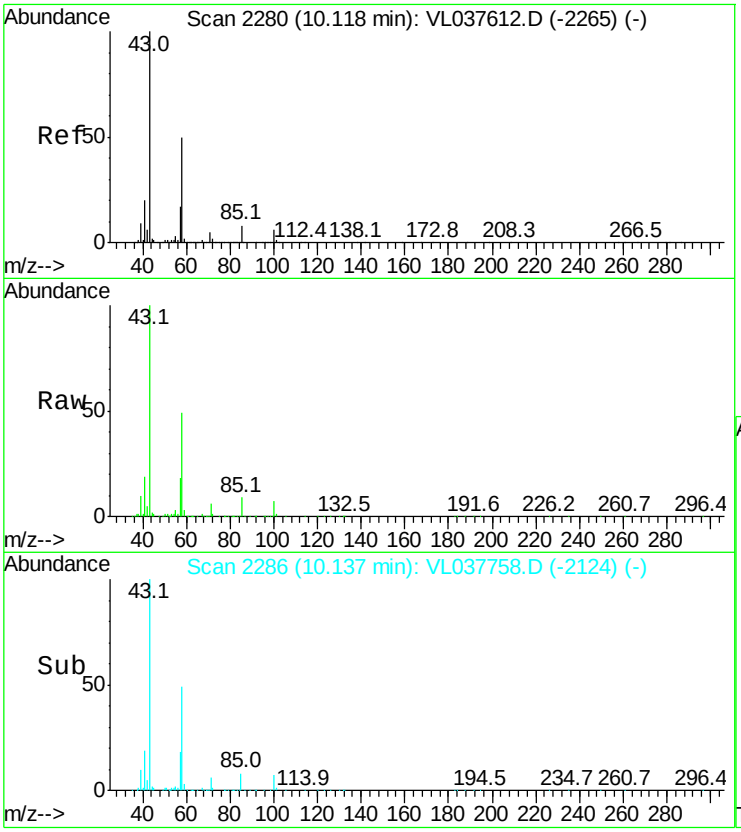


#50
4-Methyl-2-Pentanone
Concen: 10.563 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 43 Resp: 2414485

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.2



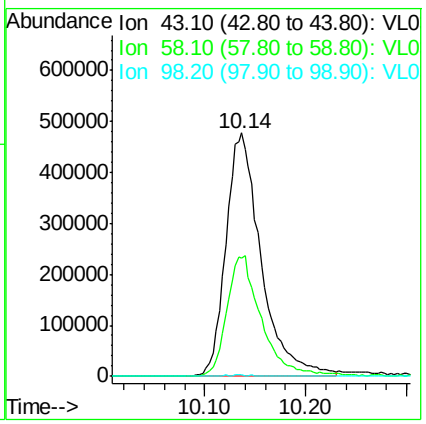


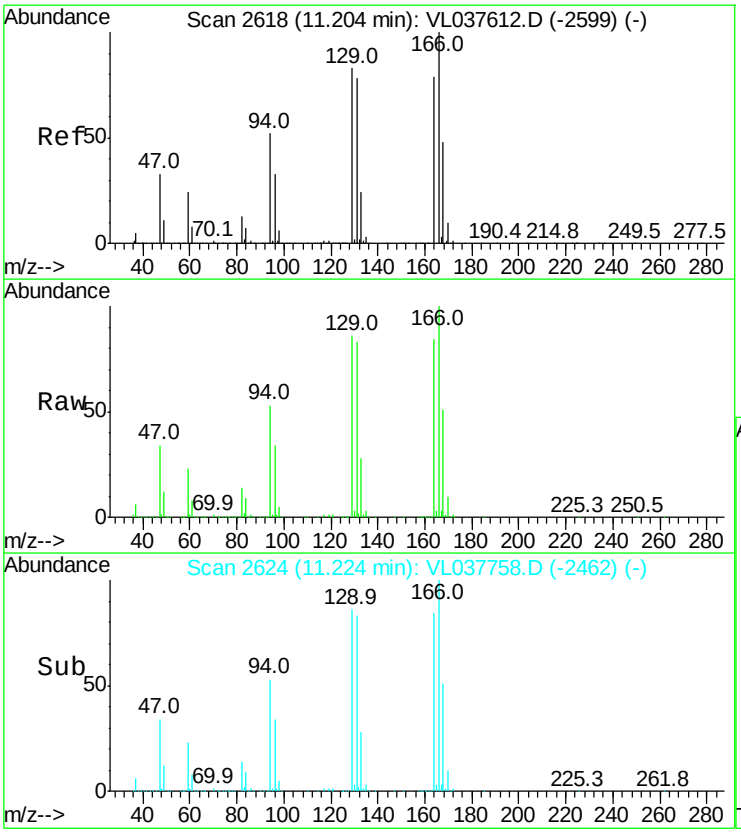
#51
2-Hexanone
Concen: 11.502 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1159919

Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.3	58.9
98	0.4	0.4	0.6#

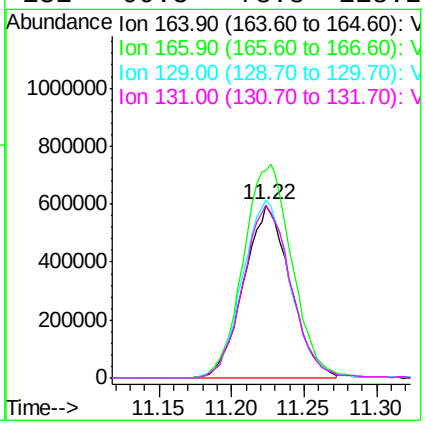


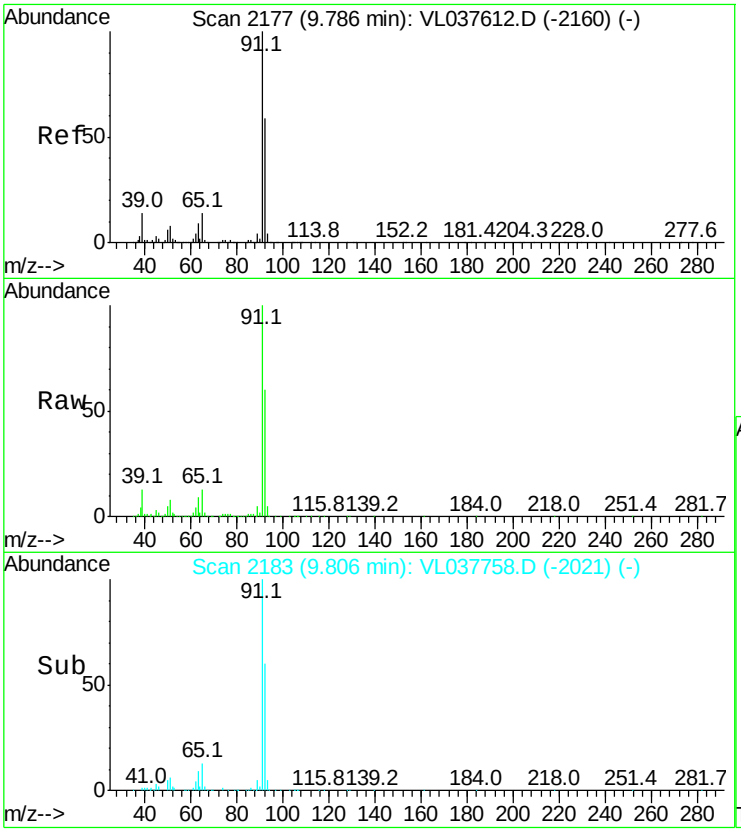


#52
Tetrachloroethene
Concen: 9.341 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:164 Resp: 1325090

Ion	Ratio	Lower	Upper
164	100		
166	119.3	101.2	151.8
129	102.8	84.0	126.0
131	99.3	78.8	118.2



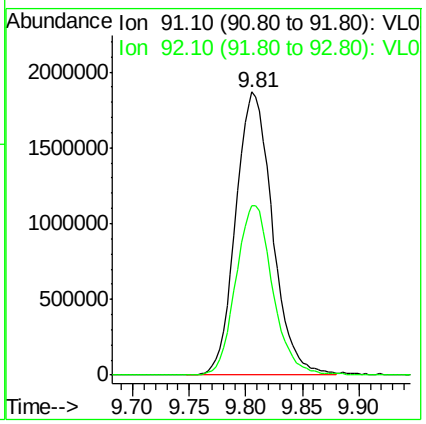


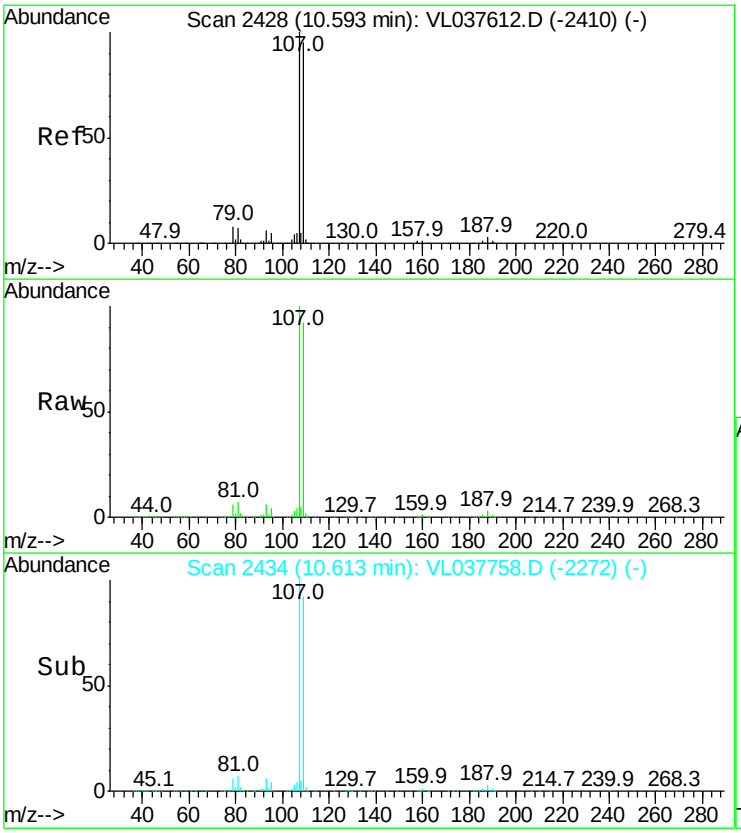
#53
Toluene
Concen: 10.282 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 4223184

Ion	Ratio	Lower	Upper
91	100		
92	60.5	48.9	73.3

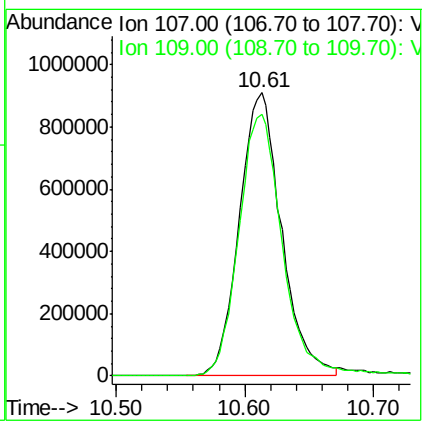


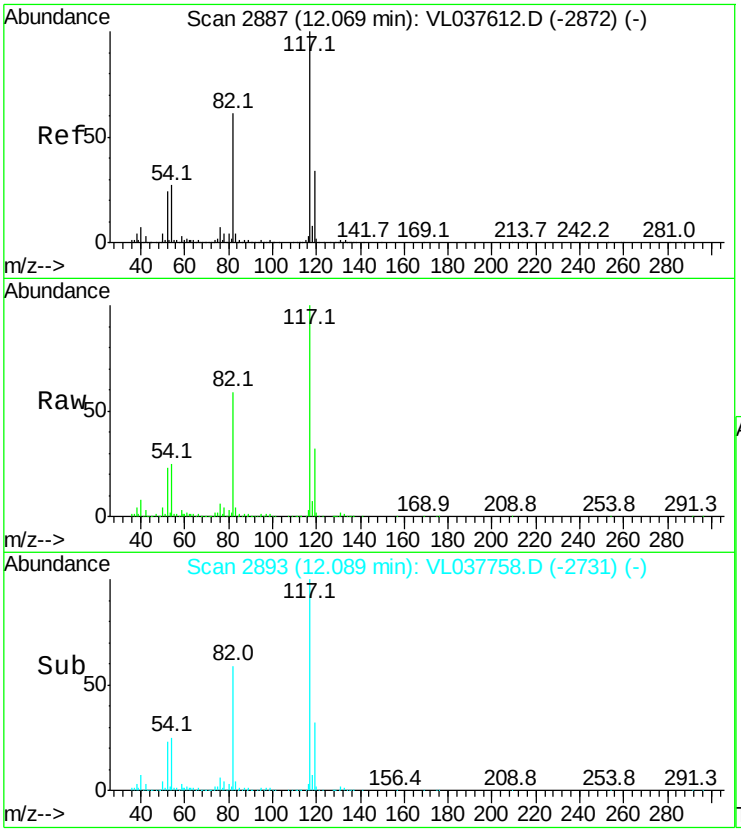


#54
1,2-Dibromoethane
Concen: 9.651 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:107 Resp: 2068872

Ion	Ratio	Lower	Upper
107	100		
109	92.2	76.0	114.0



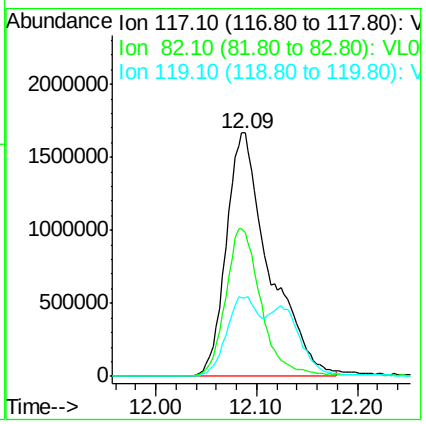


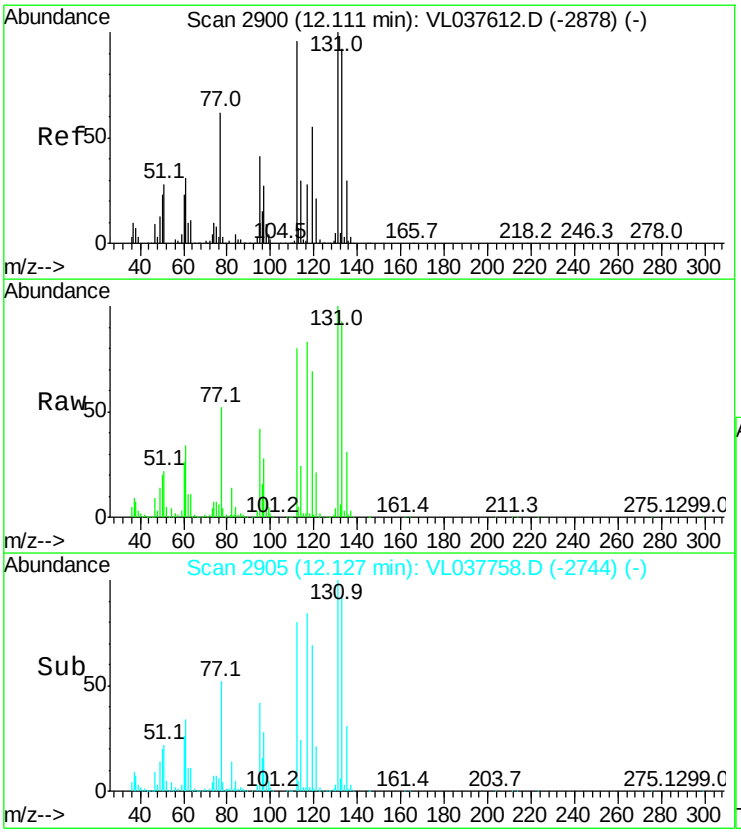
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 4953235

Ion	Ratio	Lower	Upper
117	100		
82	51.1	50.6	75.8
119	25.5	26.2	39.2#

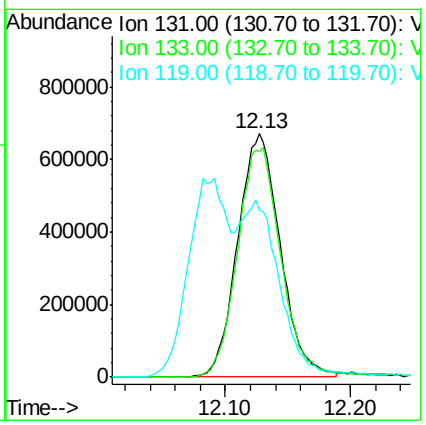


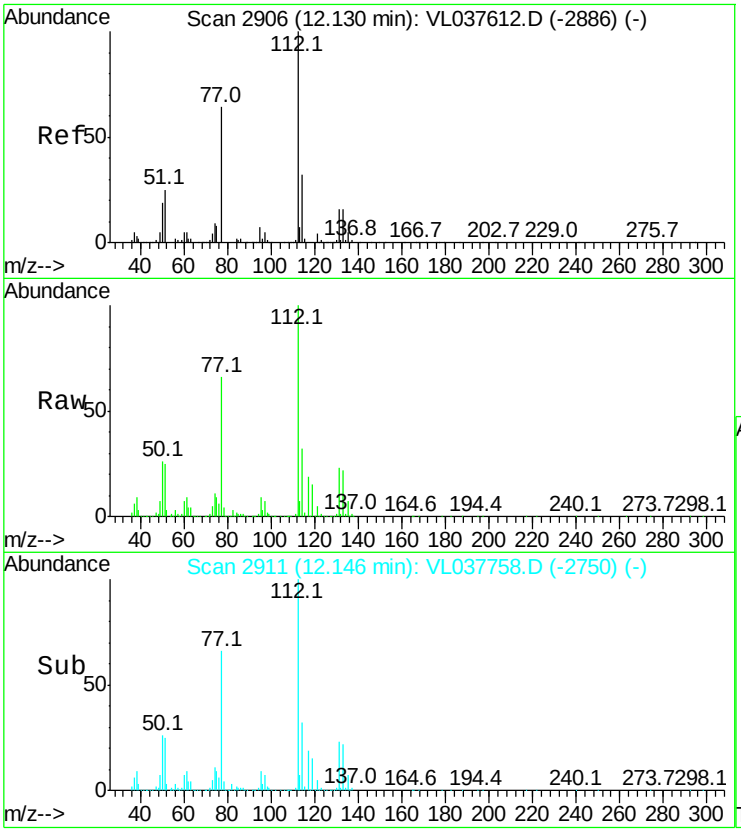


#56
1,1,1,2-Tetrachloroethane
Concen: 7.696 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:131 Resp: 1581121

Ion	Ratio	Lower	Upper
131	100		
133	98.1	76.8	115.2
119	64.6	47.8	71.8



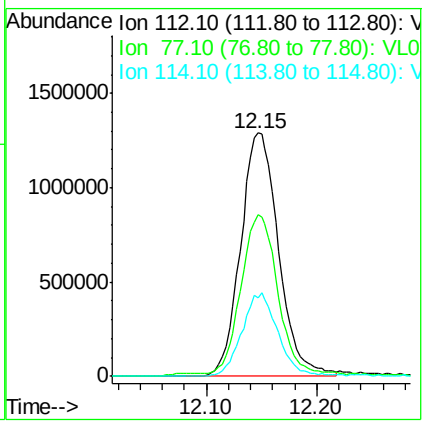


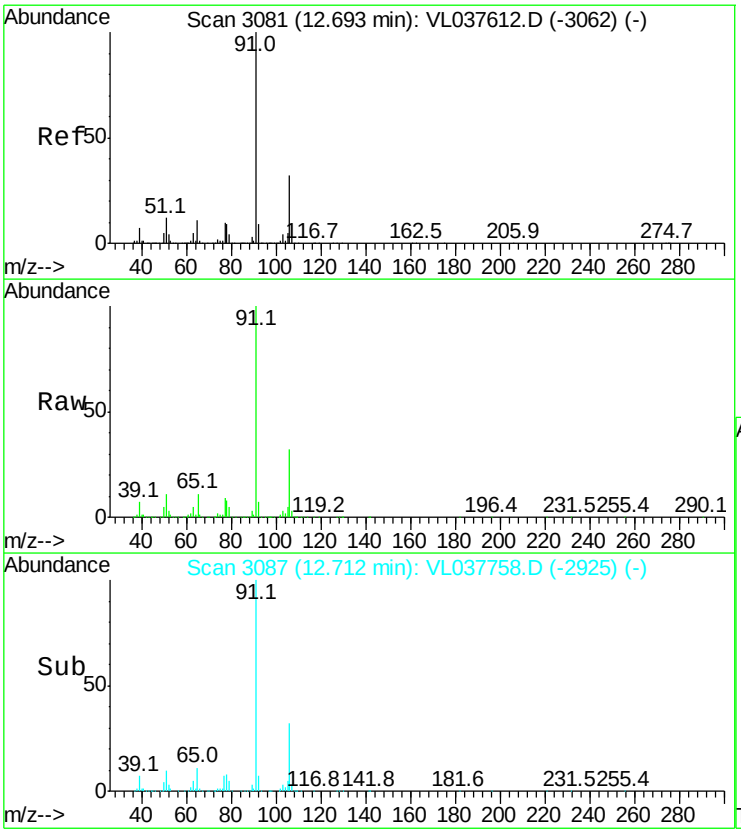
#57
Chlorobenzene
Concen: 7.450 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 3067889

Ion	Ratio	Lower	Upper
112	100		
77	64.8	52.1	78.1
114	32.0	29.2	35.6

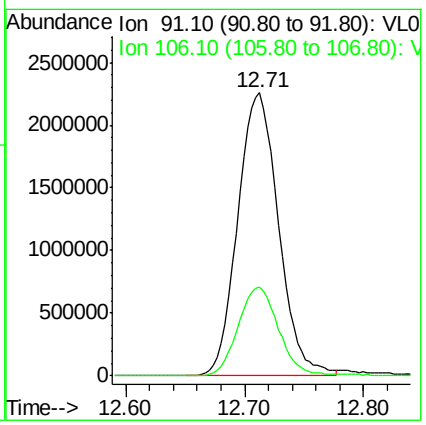


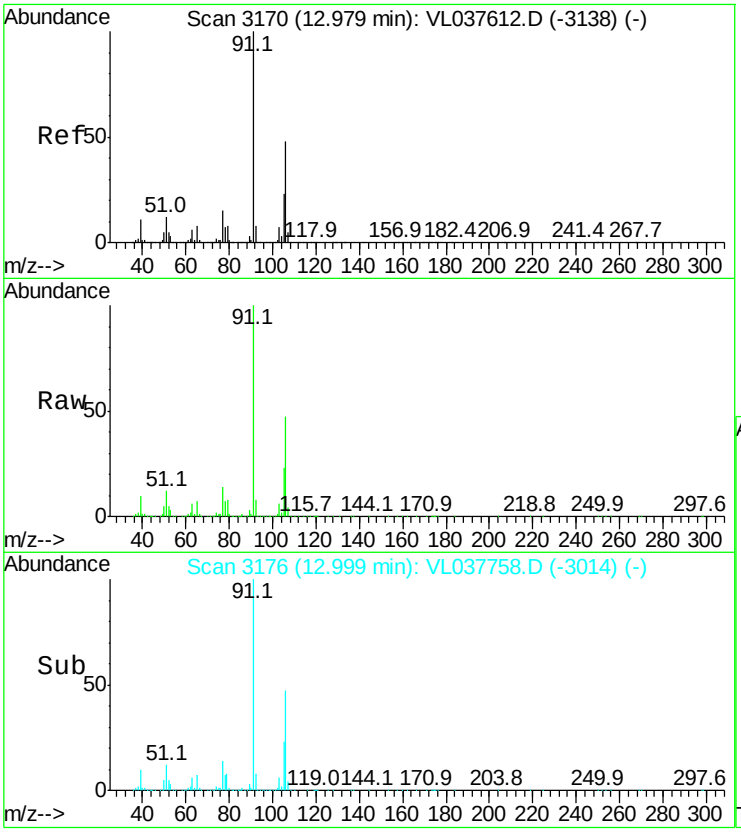


#58
Ethyl Benzene
Concen: 8.152 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 5360065

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.3	37.9



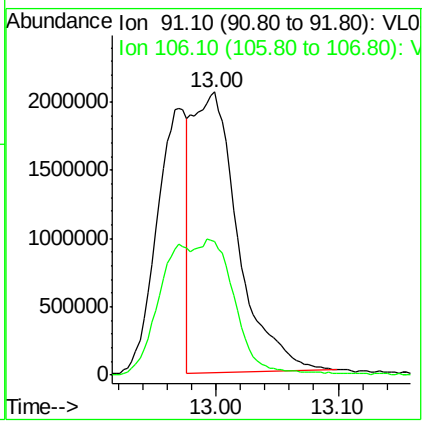


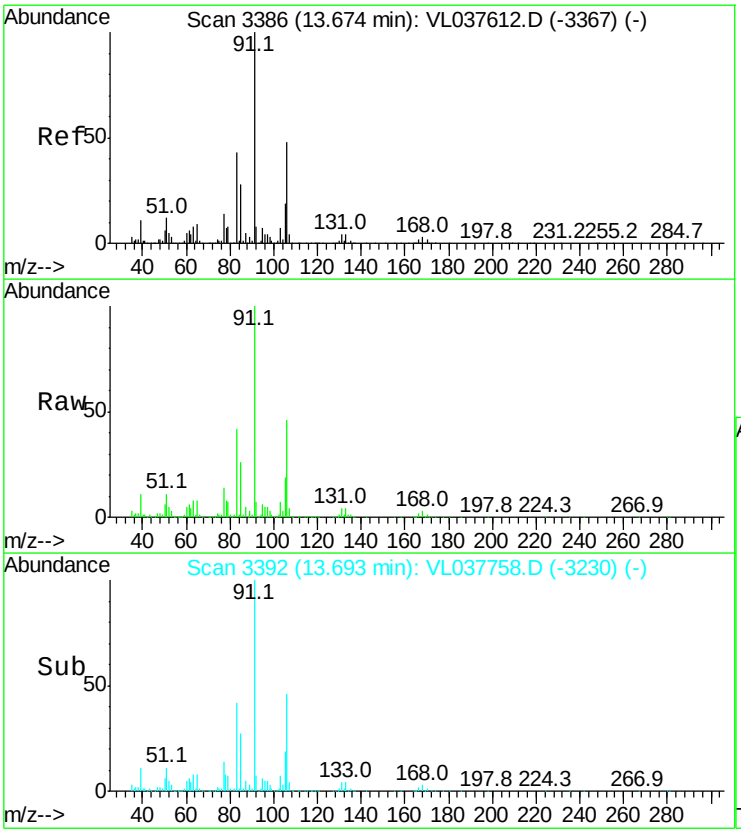
#59
m/p-Xylene
Concen: 9.314 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 5336592

Ion	Ratio	Lower	Upper
91	100		
106	77.0	36.6	55.0#

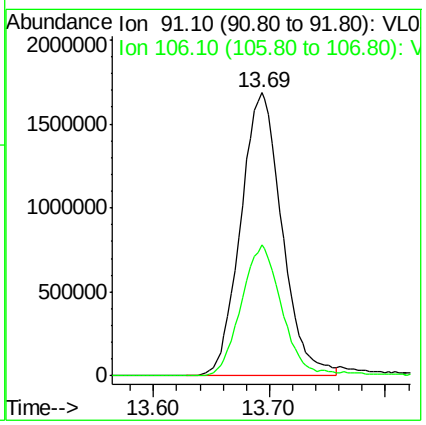


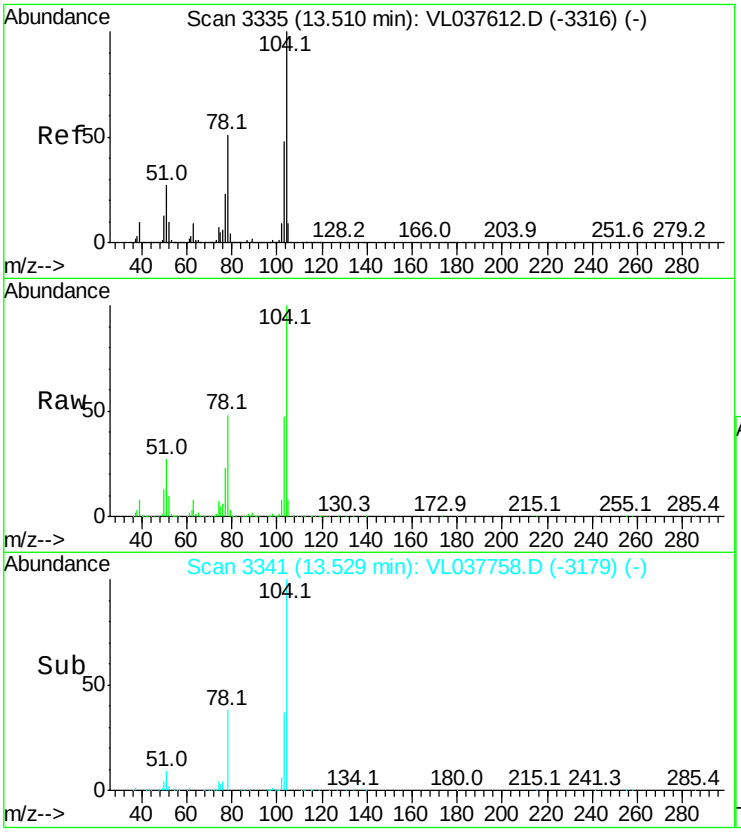


#60
o-Xylene
Concen: 7.638 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 4165599

Ion	Ratio	Lower	Upper
91	100		
106	47.0	23.0	69.0



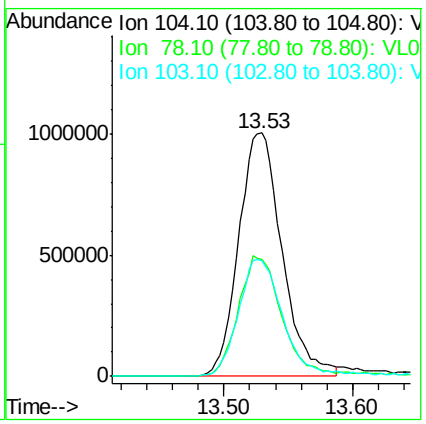


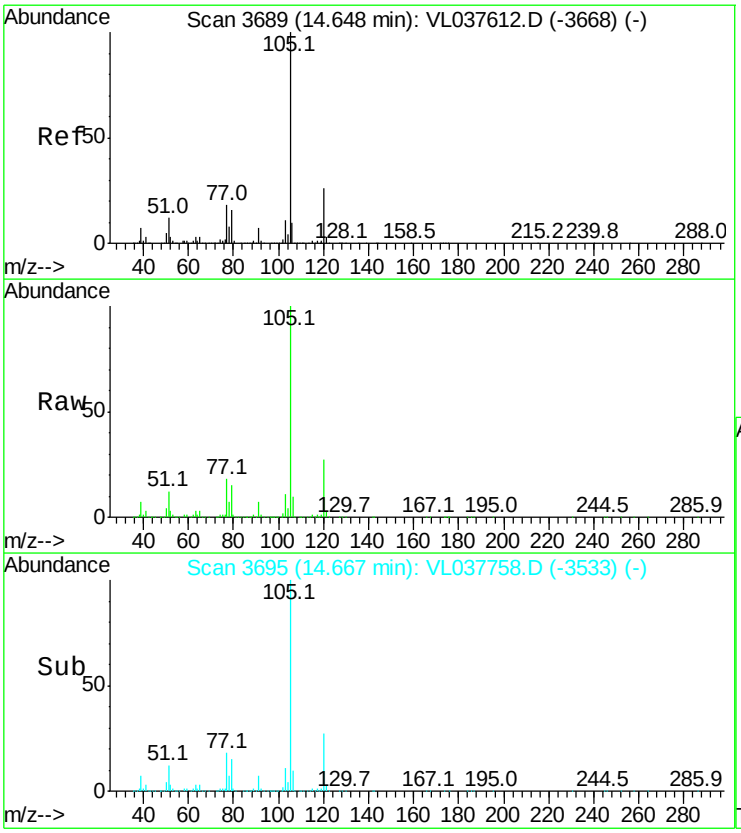
#61
Styrene
Concen: 8.769 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 2358307

Ion	Ratio	Lower	Upper
104	100		
78	50.8	39.7	59.5
103	49.5	38.8	58.2

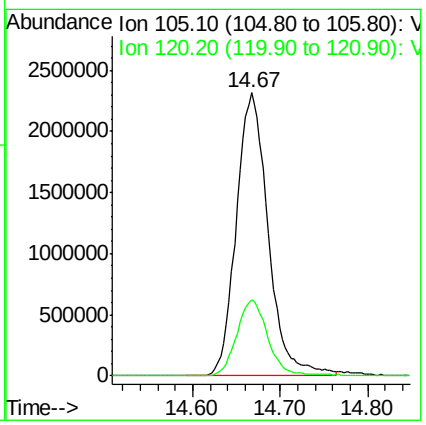


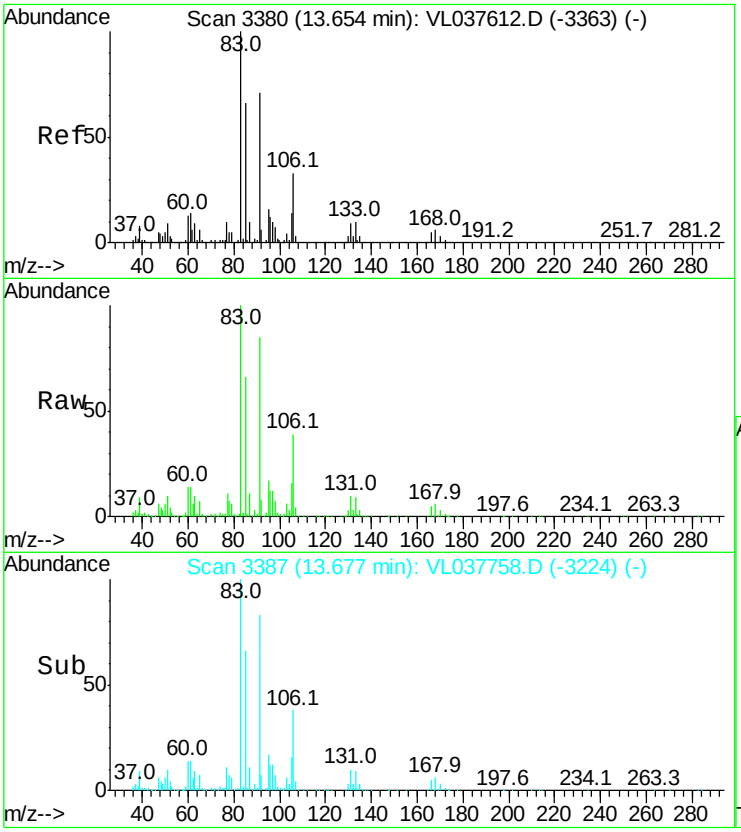


#62
Isopropylbenzene
Concen: 7.710 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:105 Resp: 5874158

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.4	32.0



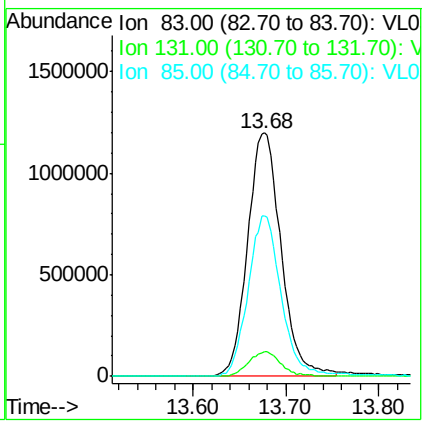


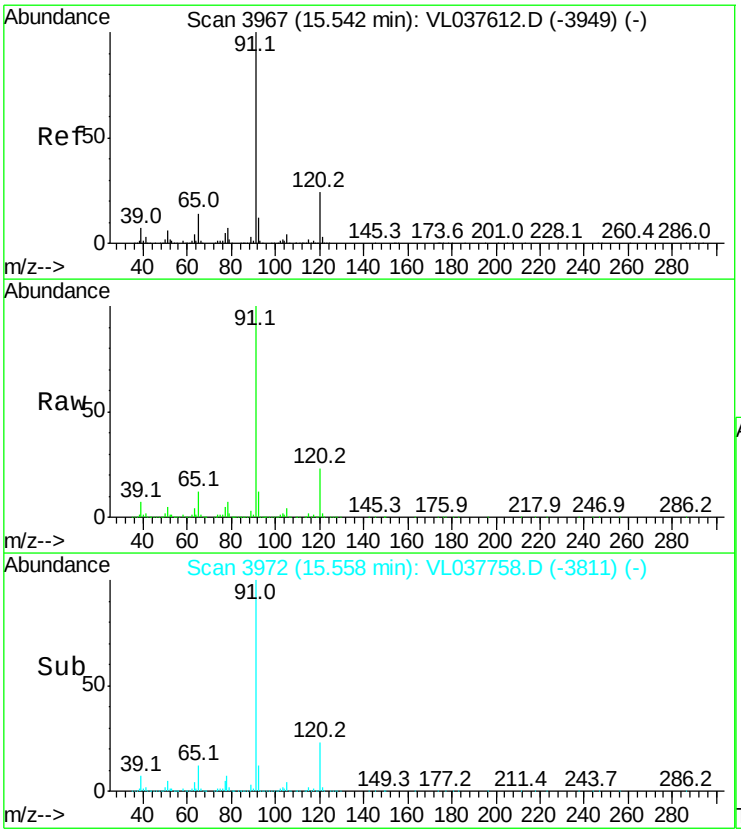
#63
1,1,2,2-Tetrachloroethane
Concen: 7.043 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 3006166

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	66.3	33.3	99.9

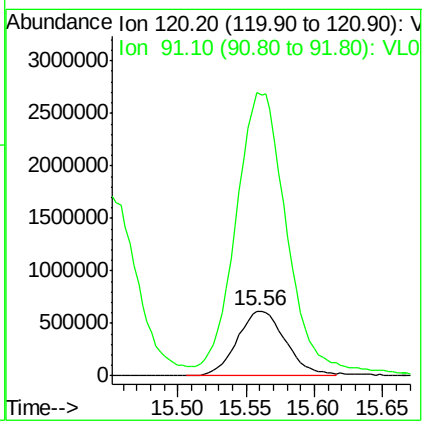


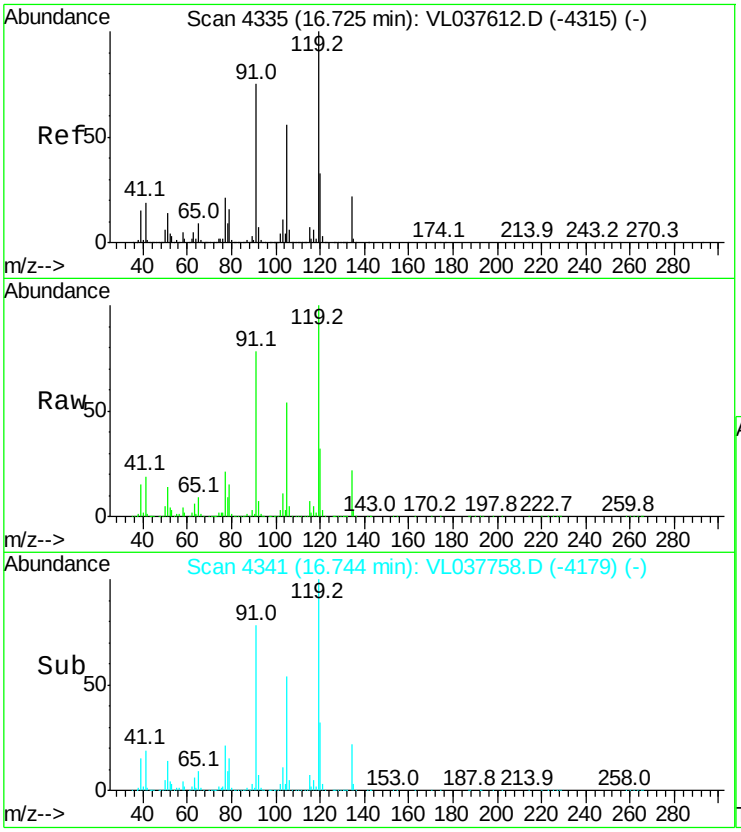


#64
n-propylbenzene
Concen: 7.725 ppbv
RT: 15.56 min Scan# 3972
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:120 Resp: 1518768

Ion	Ratio	Lower	Upper
120	100		
91	468.8	345.0	517.4



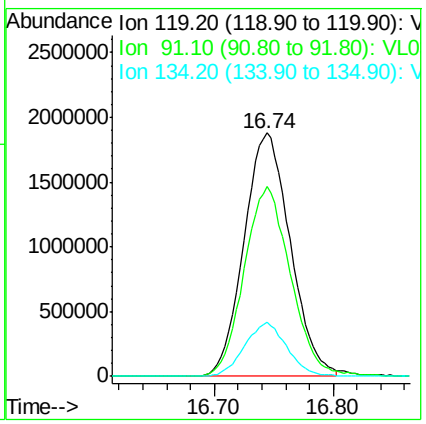


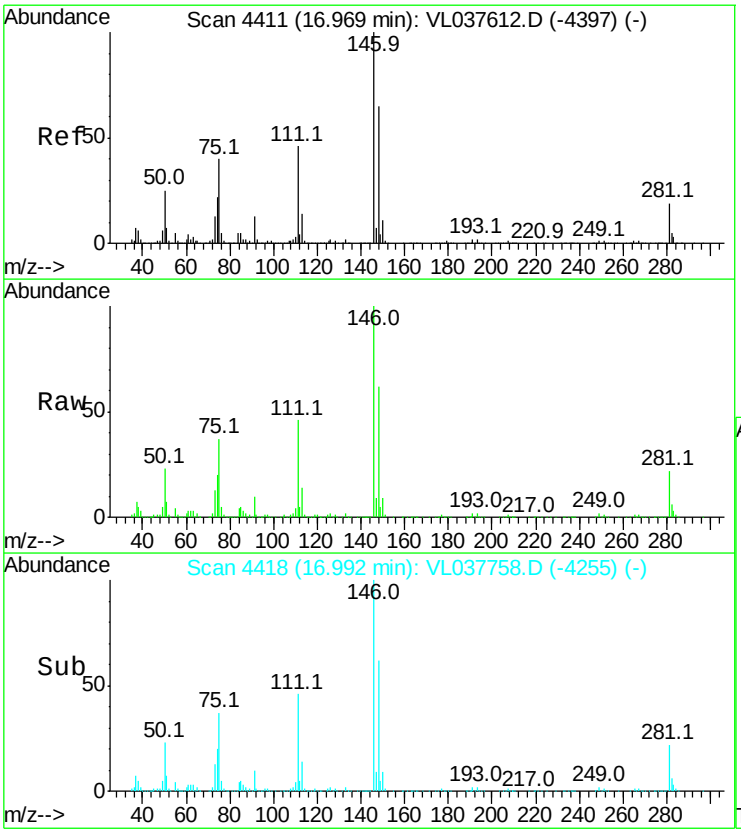
#65
tert-Butylbenzene
Concen: 7.361 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5056527

Ion	Ratio	Lower	Upper
119	100		
91	78.3	61.9	92.9
134	20.4	16.5	24.7

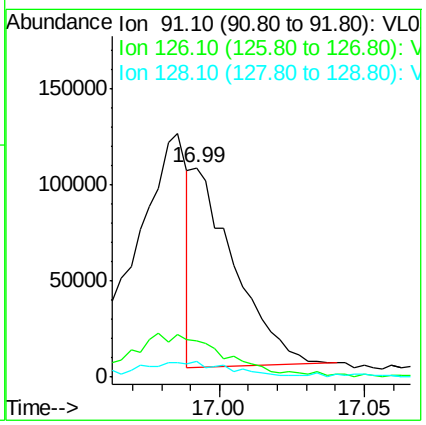


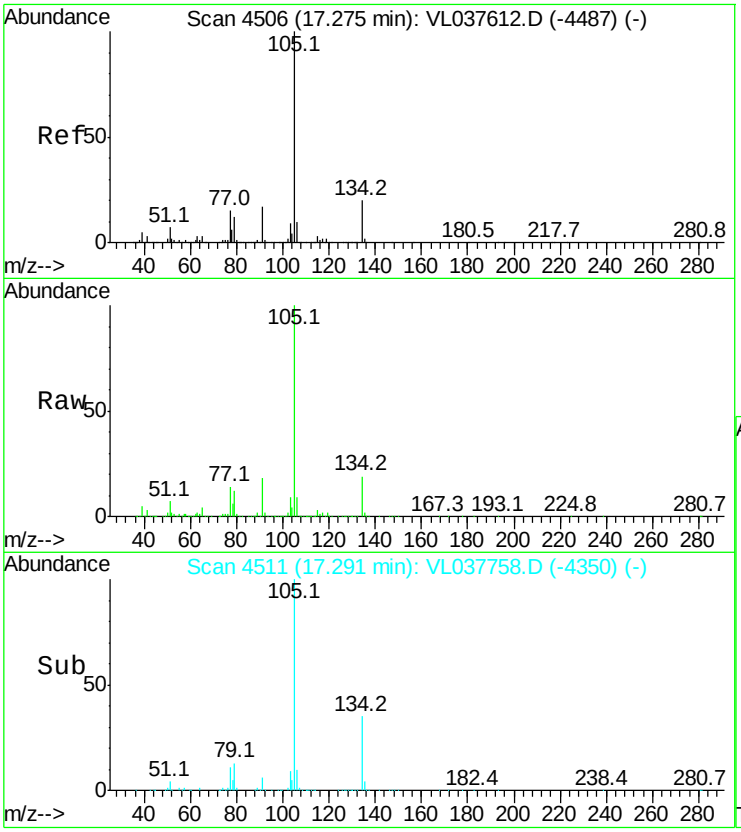


#66
Benzyl Chloride
Concen: 2.805 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 105282

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.4	21.6#
128	18.0	5.7	8.5#



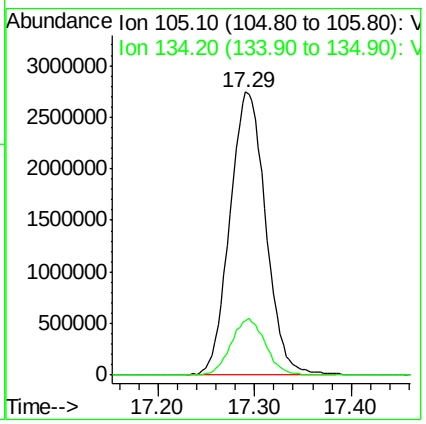


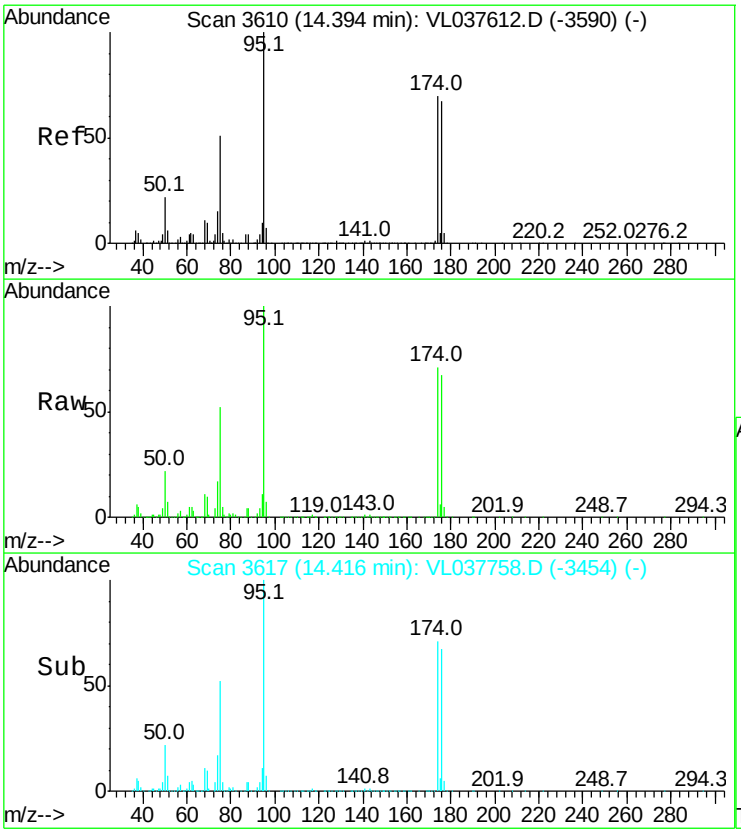
#67
sec-Butylbenzene
Concen: 7.575 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 7059282

Ion	Ratio	Lower	Upper
105	100		
134	19.2	15.7	23.5

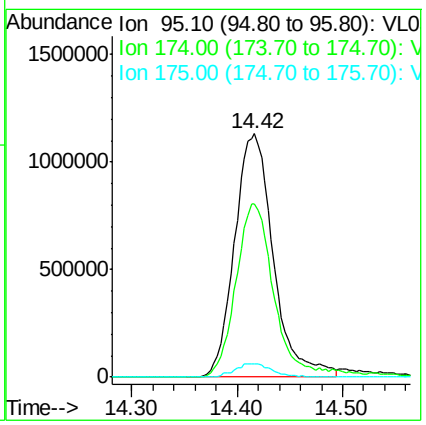


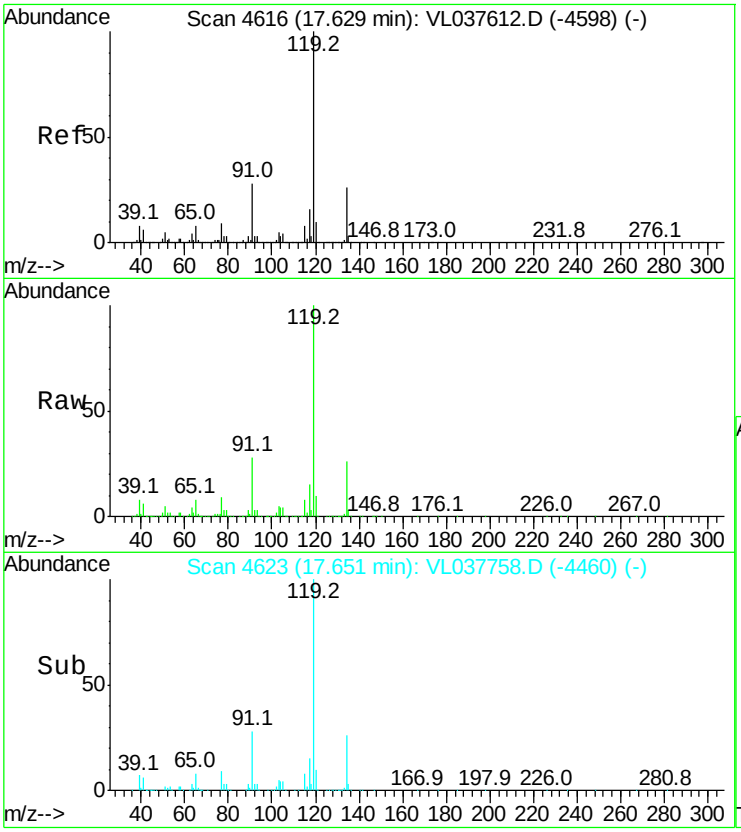


#68
1-Bromo-4-Fluorobenzene
Concen: 8.093 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 95 Resp: 2896944

Ion	Ratio	Lower	Upper
95	100		
174	72.2	56.3	84.5
175	5.9	4.4	6.6



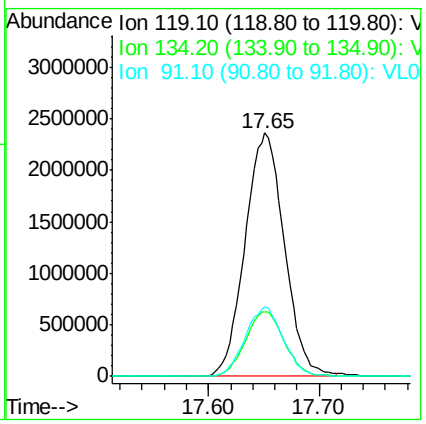


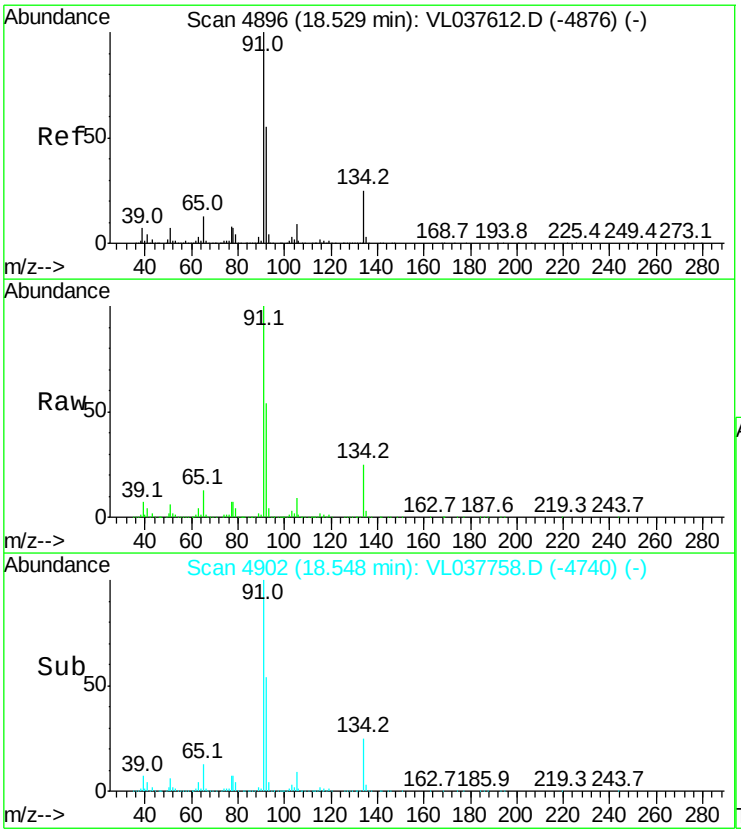
#69
p-Isopropyltoluene
Concen: 7.626 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5806329

Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	27.8	22.2	33.2

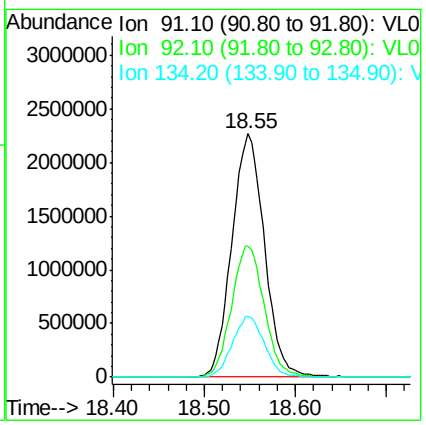


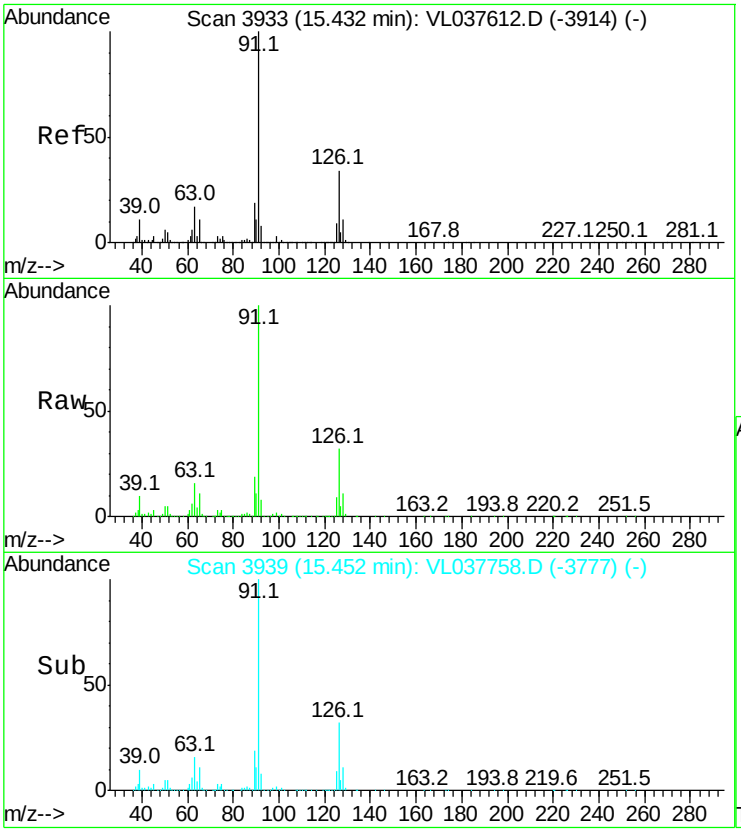


#70
n-Butylbenzene
Concen: 7.821 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 5634210

Ion	Ratio	Lower	Upper
91	100		
92	54.2	44.0	66.0
134	24.7	19.5	29.3



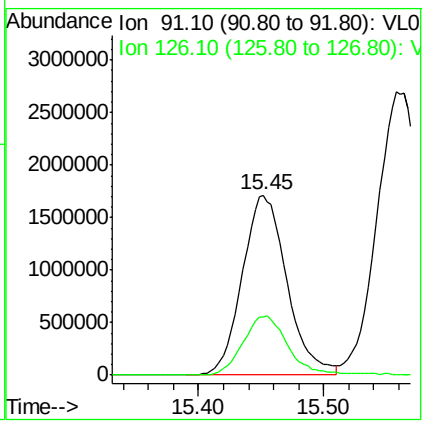


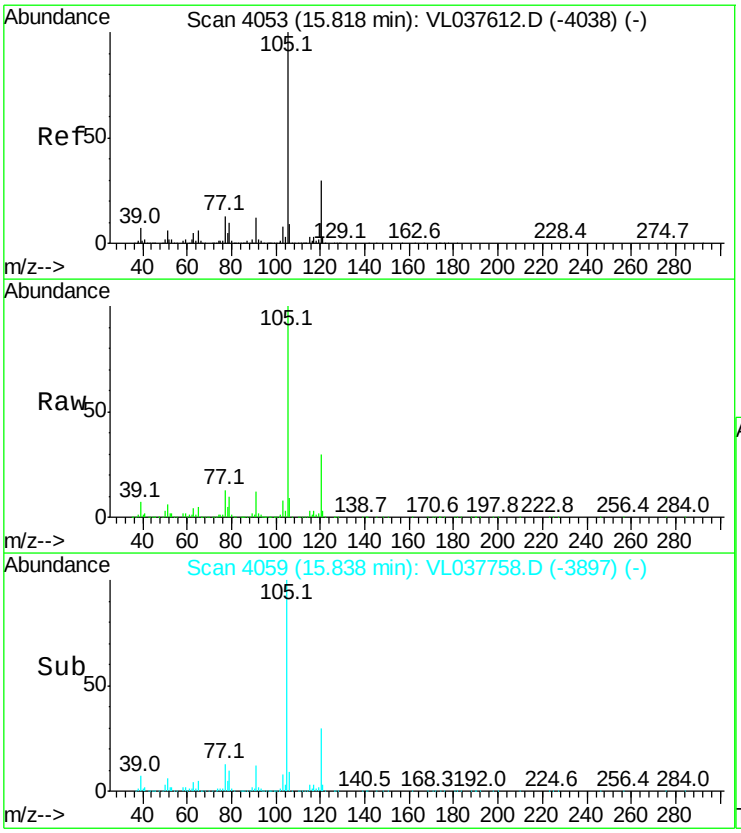
#71
2-Chlorotoluene
Concen: 7.765 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 4239399

Ion	Ratio	Lower	Upper
91	100		
126	34.1	13.2	52.8

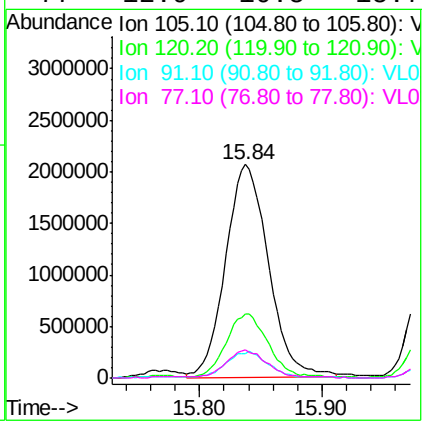


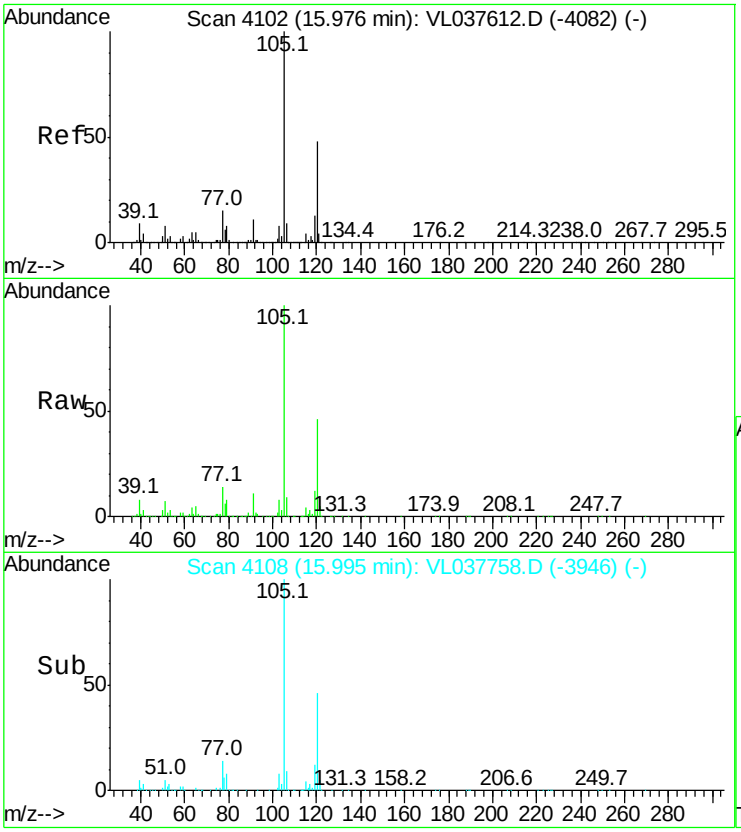


#72
4-Ethyltoluene
Concen: 8.038 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:105 Resp: 5032012

Ion	Ratio	Lower	Upper
105	100		
120	30.2	24.7	37.1
91	13.0	9.9	14.9
77	12.9	10.5	15.7



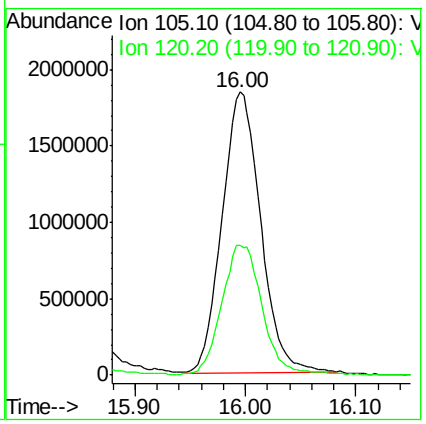


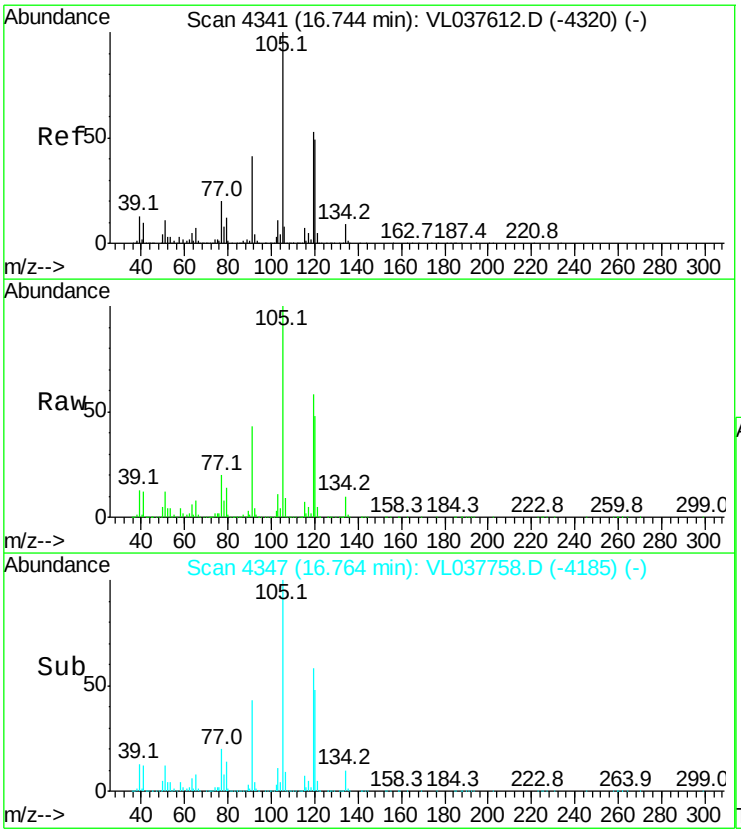
#73
1,3,5-Trimethylbenzene
Concen: 7.633 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4454351

Ion	Ratio	Lower	Upper
105	100		
120	45.7	38.3	57.5

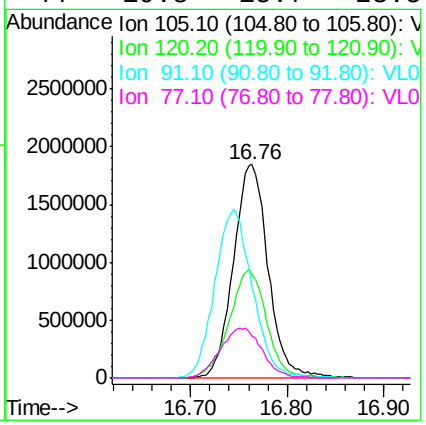


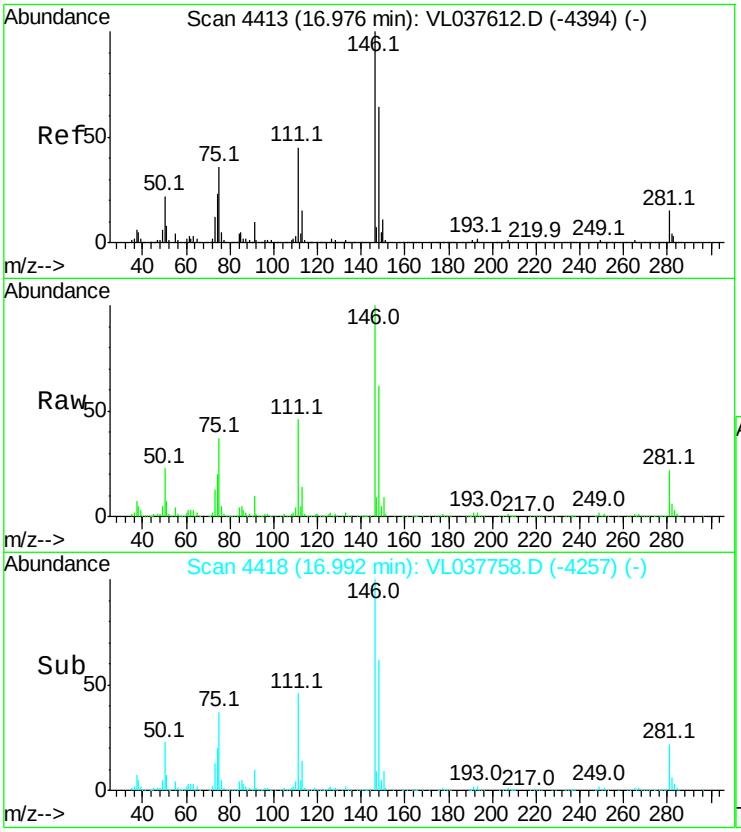


#74
1,2,4-Trimethylbenzene
Concen: 7.491 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:105 Resp: 4604363

Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.4	59.0
91	42.7	33.3	49.9
77	19.8	15.7	23.5



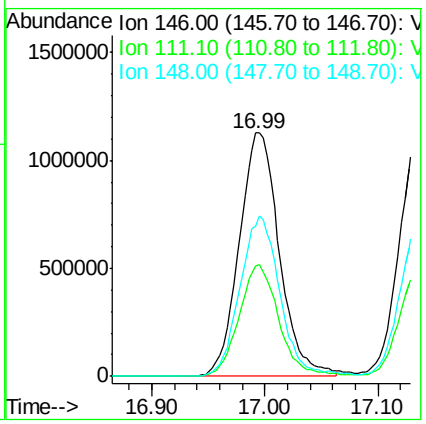


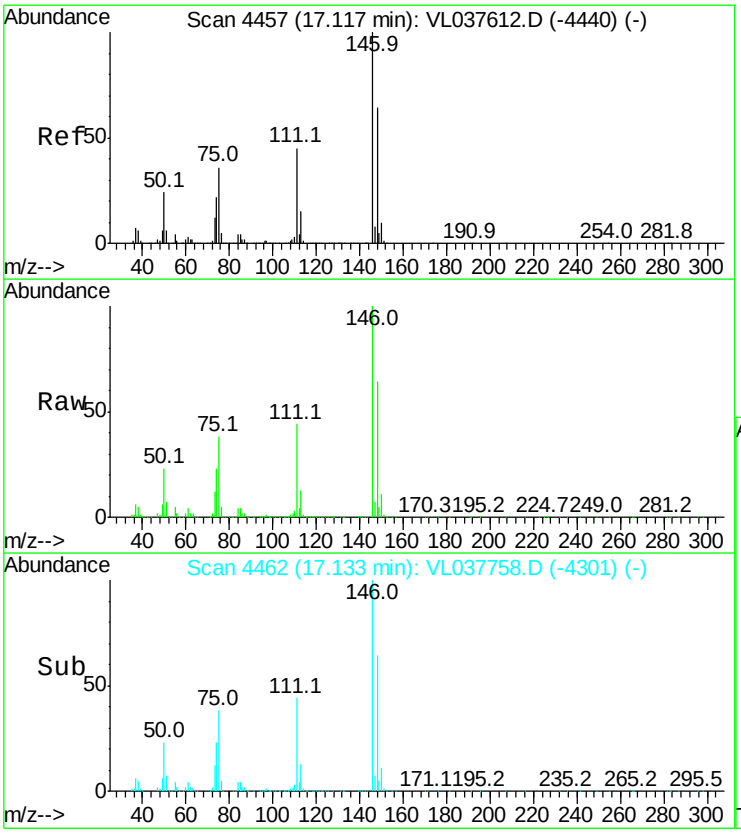
#75
1,3-Dichlorobenzene
Concen: 7.277 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2779042

Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.8	68.3
148	65.5	32.1	96.5

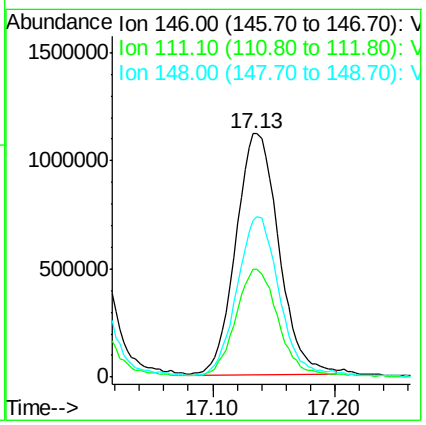


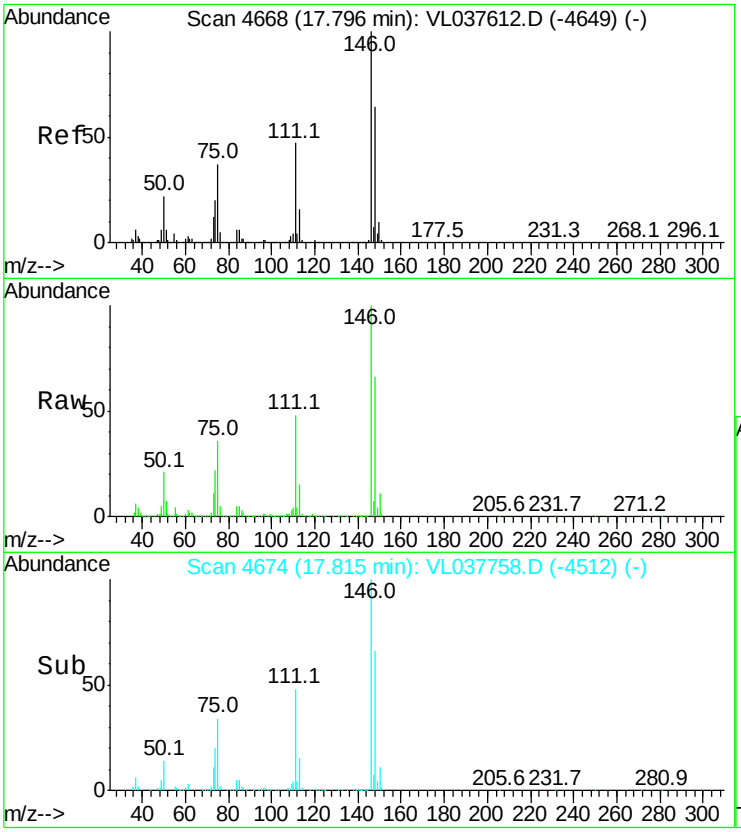


#76
1,4-Dichlorobenzene
Concen: 7.235 ppbv
RT: 17.13 min Scan# 4462
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:146 Resp: 2725090

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.5	67.5
148	66.6	32.9	98.6



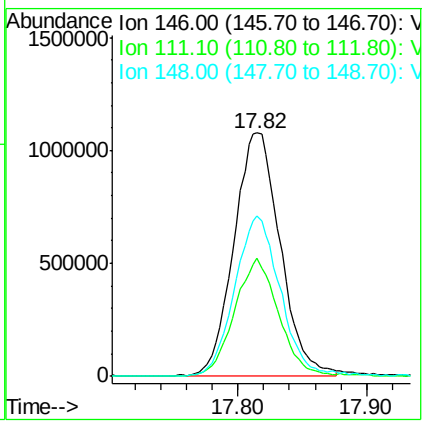


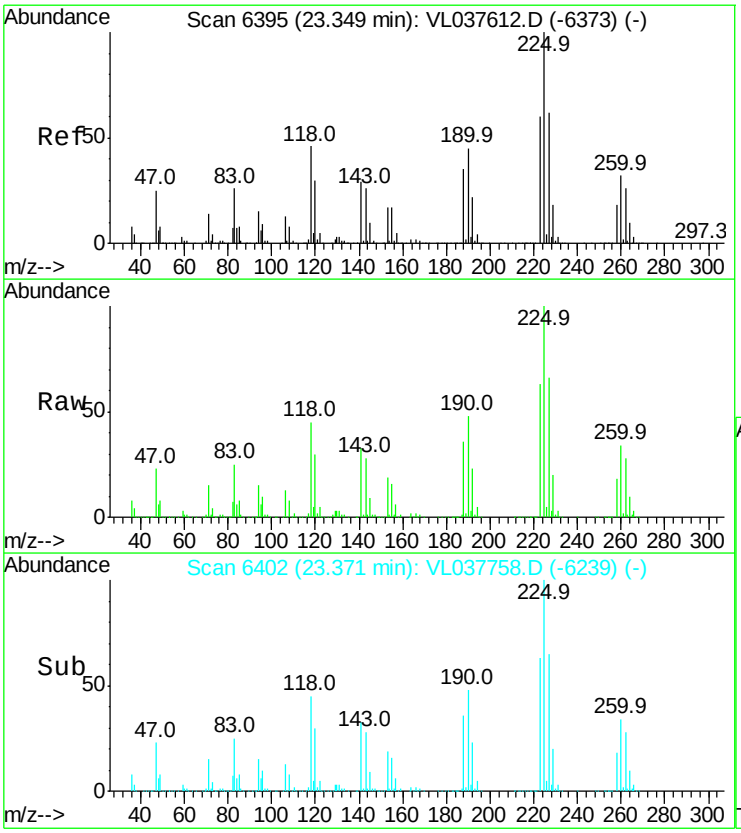
#77
1,2-Dichlorobenzene
Concen: 7.374 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2670853

Ion	Ratio	Lower	Upper
146	100		
111	47.2	24.0	72.0
148	65.7	32.8	98.3

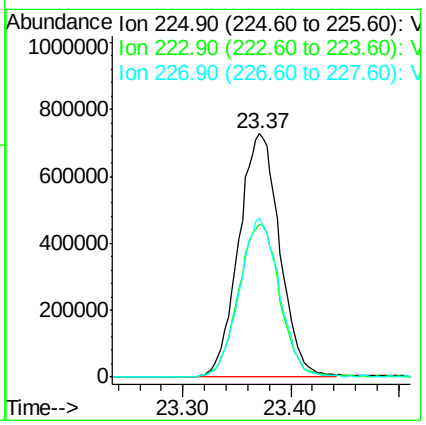


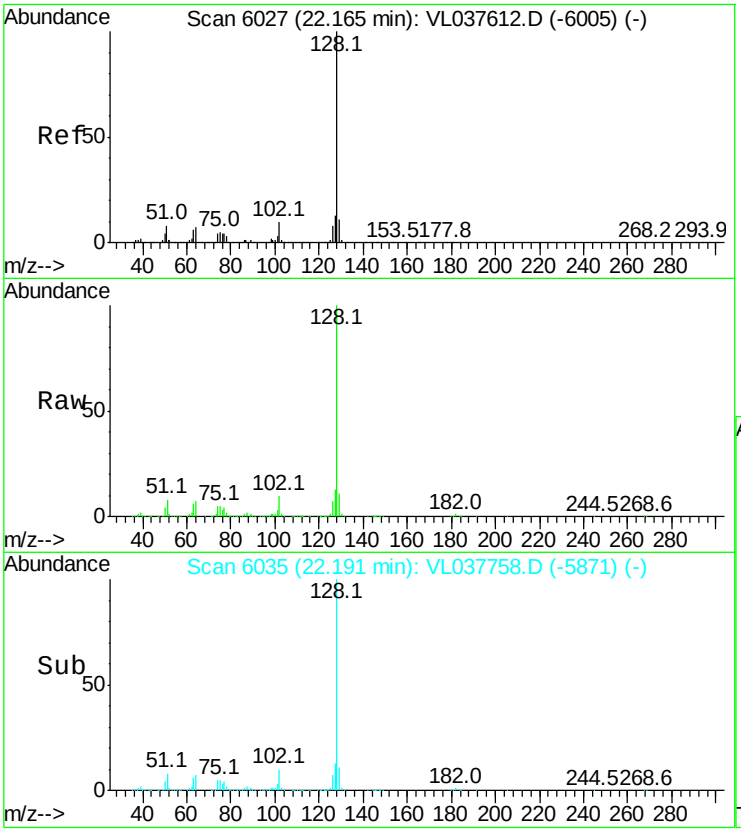


#78
Hexachloro-1,3-Butadiene
Concen: 6.268 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:225 Resp: 1910868

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.1	76.7
227	63.9	52.2	78.4



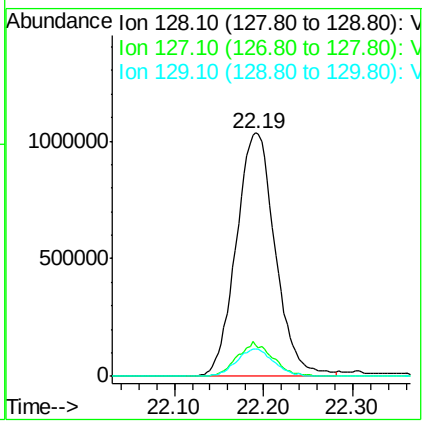


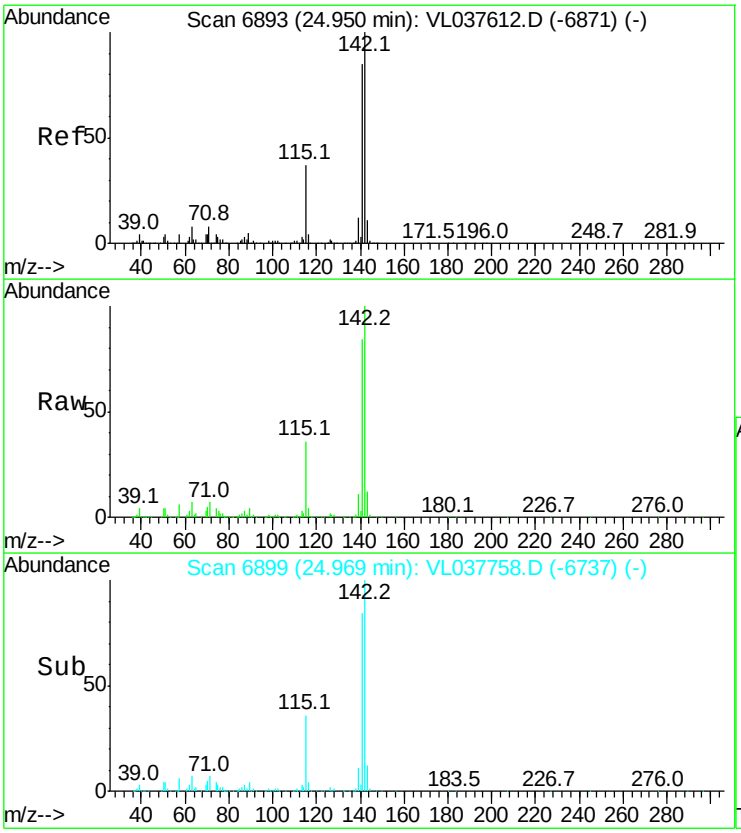
#79
Naphthalene
Concen: 8.366 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 3157273

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.4	8.6	12.8

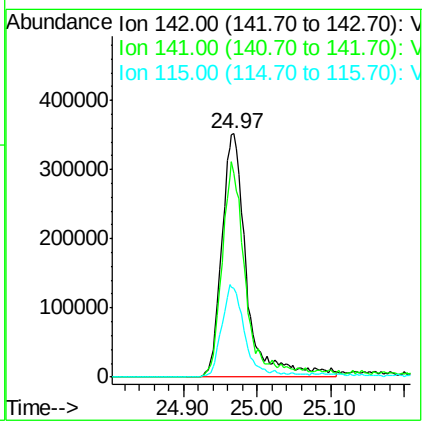


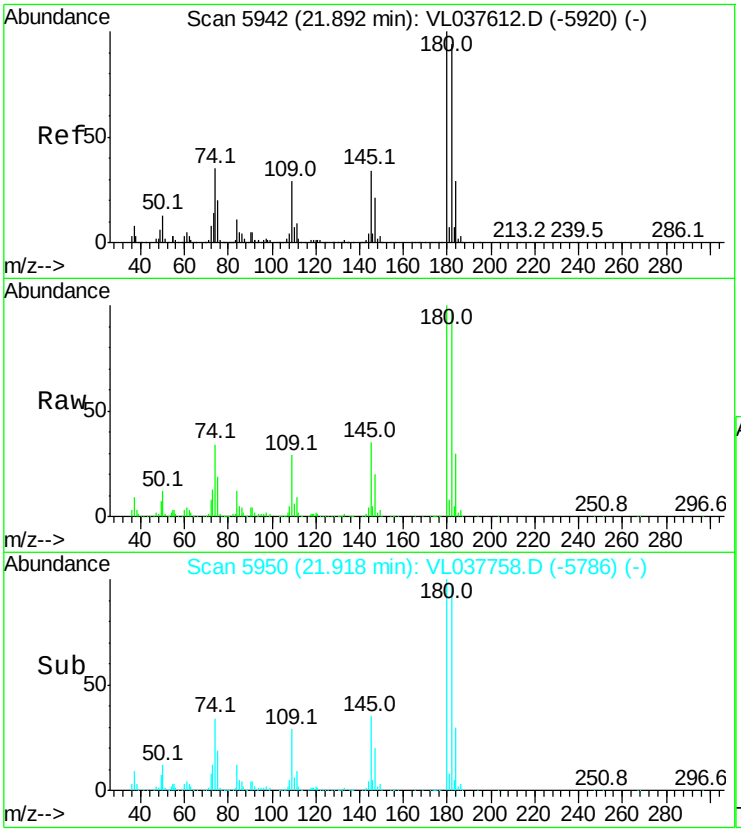


#80
Naphthalene,2-methyl-
Concen: 9.557 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:142 Resp: 824420

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.9	106.3
115	36.3	29.6	44.4





#81
1,2,4-Trichlorobenzene
Concen: 7.750 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 4 Oct 2021 11:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1877711

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.9	118.3
184	31.2	24.7	37.1