Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035801.D
Acq On : 3 Nov 2020 11:49
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Nov 03 14:05:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1340547	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	5516536	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	5230015	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3665123	9.35	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	285208	1.297	ppbv		98
3) Chlorodifluoromethane	2.98	51	173648	1.204	ppbv		98
4) Chloromethane	3.14	50	83279	1.075	ppbv		95
5) Vinyl Chloride	3.25	62	103635	1.131	ppbv		96
6) Bromomethane	3.47	94	85135	1.099	ppbv		96
7) Chloroethane	3.56	64	38752	1.153	ppbv		92
8) Dichlorotetrafluoroethane	3.18	85	319782	1.199	ppbv		99
9) Propene	3.00	41	60530	1.156	ppbv		94
10) Heptane	8.12	43	172565	1.182	ppbv		98
11) Trichlorofluoromethane	3.95	101	340663	1.085	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	250303	1.070	ppbv		99
13) Ethanol	3.61	45	15756	1.220	ppbv		86
14) Bromoethene	3.73	108	115566	1.173	ppbv		99
15) Acetone	3.85	43	158047	1.096	ppbv	#	87
16) 1,3-Butadiene	3.32	39	62755	1.189	ppbv		93
17) tert-Butyl alcohol	4.30	59	121853	0.776	ppbv	#	79
18) 1,1-Dichloroethene	4.29	96	115019	1.123	ppbv		98
19) Isopropyl Alcohol	3.97	45	100784	1.284	ppbv		100
20) Methylene Chloride	4.34	84	109638	1.035	ppbv		97
21) Allyl Chloride	4.41	41	80251	1.148	ppbv		91
22) trans-1,2-Dichloroethene	4.88	96	109871	1.015	ppbv		96
23) Vinyl Acetate	5.07	43	208972	1.183	ppbv		97
24) 1,1-Dichloroethane	5.01	63	200395	1.041	ppbv		98
25) Ethyl Acetate	5.68	43	305702	1.178	ppbv		98
26) Hexane	5.69	57	163909	1.152	ppbv		98
27) Carbon Disulfide	4.55	76	232932	1.099	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	296429	1.315	ppbv		100
29) Chloroform	5.75	83	323880	1.121	ppbv		94
30) Cyclohexane	7.13	84	179202	1.277	ppbv		92
31) cis-1,2-Dichloroethene	5.55	61	165245	1.204	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	316789	1.244	ppbv		99
34) 2-Butanone	5.25	43	189564	1.039	ppbv		95
35) Carbon Tetrachloride	7.01	117	305896	1.064	ppbv		98
36) Benzene	6.89	78	450995	1.255	ppbv		95
37) 1,2-Dichloroethane	6.30	62	194612	1.039	ppbv		98
38) Trichloroethene	7.83	130	204855	1.142	ppbv		97
39) 1,2-Dichloropropane	7.61	63	75949	0.583	ppbv		96
40) 1,4-Dioxane	7.85	88	71422	1.199	ppbv		95
41) Tetrahydrofuran	6.06	42	104773	1.140	ppbv		95
42) Bromodichloromethane	7.79	83	320694	1.063	ppbv		96
43) Methyl Methacrylate	8.01	69	160097	1.120	ppbv		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035801.D
Acq On : 3 Nov 2020 11:49
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Nov 03 14:05:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	603568	1.170	ppbv		98
45) t-1,3-Dichloropropene	9.28	75	163767	1.135	ppbv		91
46) cis-1,3-Dichloropropene	8.70	75	211429	1.188	ppbv		94
47) 1,1,2-Trichloroethane	9.47	97	201957	1.082	ppbv		96
48) Dibromochloromethane	10.30	129	296600	1.044	ppbv		99
49) Bromoform	13.04	173	248693	1.032	ppbv		98
50) 4-Methyl-2-Pentanone	8.75	43	288112	1.081	ppbv		98
51) 2-Hexanone	10.15	43	231328	1.077	ppbv	#	100
52) Tetrachloroethene	11.22	164	199421	1.154	ppbv		95
53) Toluene	9.81	91	541661	1.278	ppbv		97
54) 1,2-Dibromoethane	10.61	107	309970	1.109	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.13	131	251194	1.145	ppbv	#	1
57) Chlorobenzene	12.15	112	467297	1.183	ppbv		95
58) Ethyl Benzene	12.72	91	694597	1.323	ppbv		97
59) m/p-Xylene	13.00	91	559760	1.221	ppbv	#	20
60) o-Xylene	13.70	91	582413	1.256	ppbv		100
61) Styrene	13.53	104	393221	1.226	ppbv		96
62) Isopropylbenzene	14.68	105	930536	1.294	ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.68	83	419782	1.104	ppbv		99
64) n-propylbenzene	15.57	120	257268	1.222	ppbv		84
65) tert-Butylbenzene	16.75	119	848214	1.297	ppbv		93
66) Benzyl Chloride	17.00	91	222779	1.124	ppbv		98
67) sec-Butylbenzene	17.30	105	1150747	1.274	ppbv		95
69) p-Isopropyltoluene	17.66	119	922878	1.256	ppbv		95
70) n-Butylbenzene	18.56	91	883296	1.167	ppbv		96
71) 2-Chlorotoluene	15.46	91	650821	1.240	ppbv		99
72) 4-Ethyltoluene	15.84	105	680601	1.239	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	630456	1.214	ppbv		94
74) 1,2,4-Trimethylbenzene	16.77	105	695009	1.188	ppbv		94
75) 1,3-Dichlorobenzene	17.00	146	452952	1.134	ppbv		98
76) 1,4-Dichlorobenzene	17.15	146	409132	1.071	ppbv		97
77) 1,2-Dichlorobenzene	17.82	146	428394	1.135	ppbv		98
78) Hexachloro-1,3-Butadiene	23.39	225	202792	0.974	ppbv		98
79) Naphthalene	22.22	128	430195	0.771	ppbv		97
80) Naphthalene,2-methyl-	24.99	142	47155	0.358	ppbv		98
81) 1,2,4-Trichlorobenzene	21.95	180	256883	0.888	ppbv		98

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

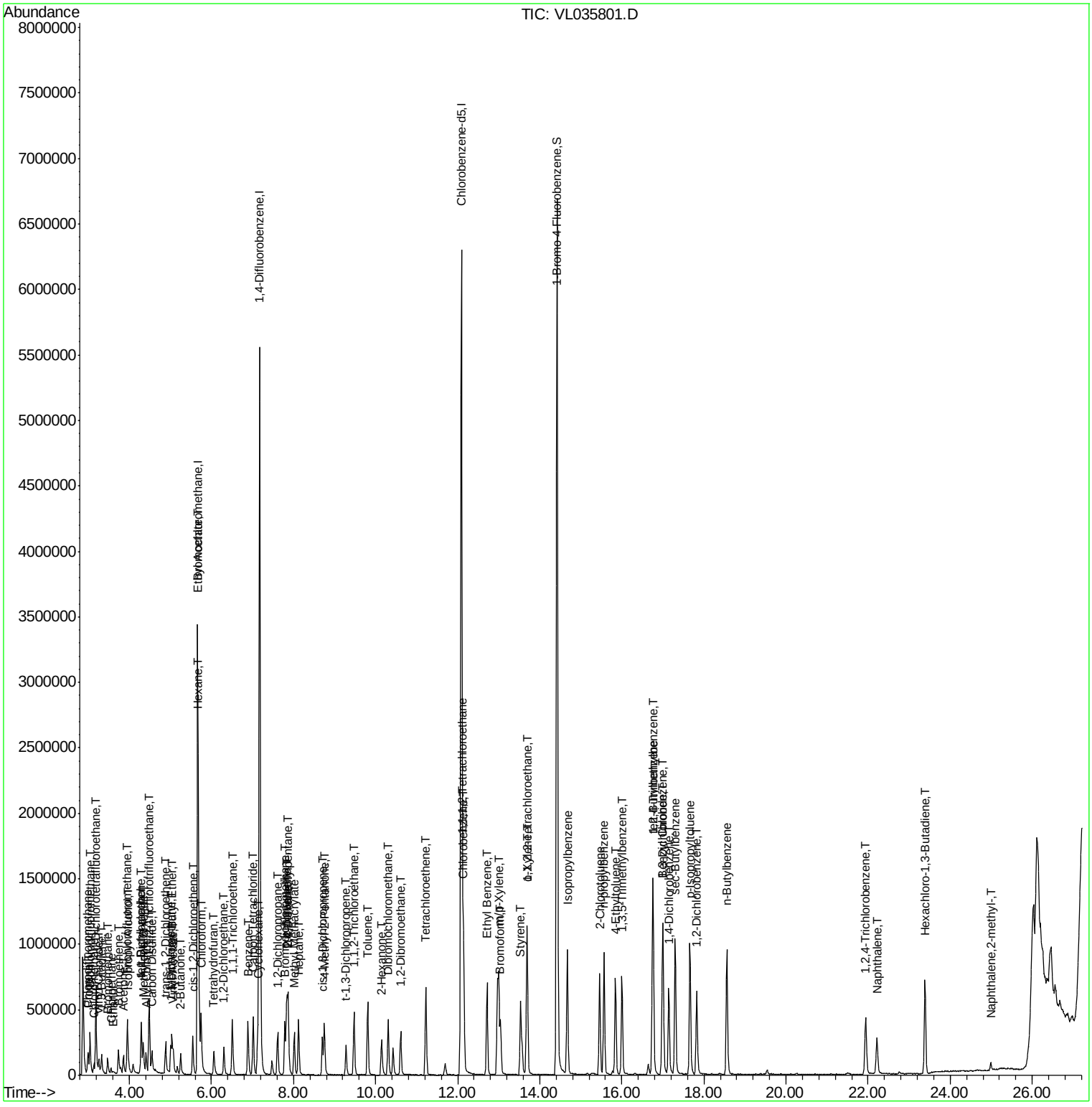
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

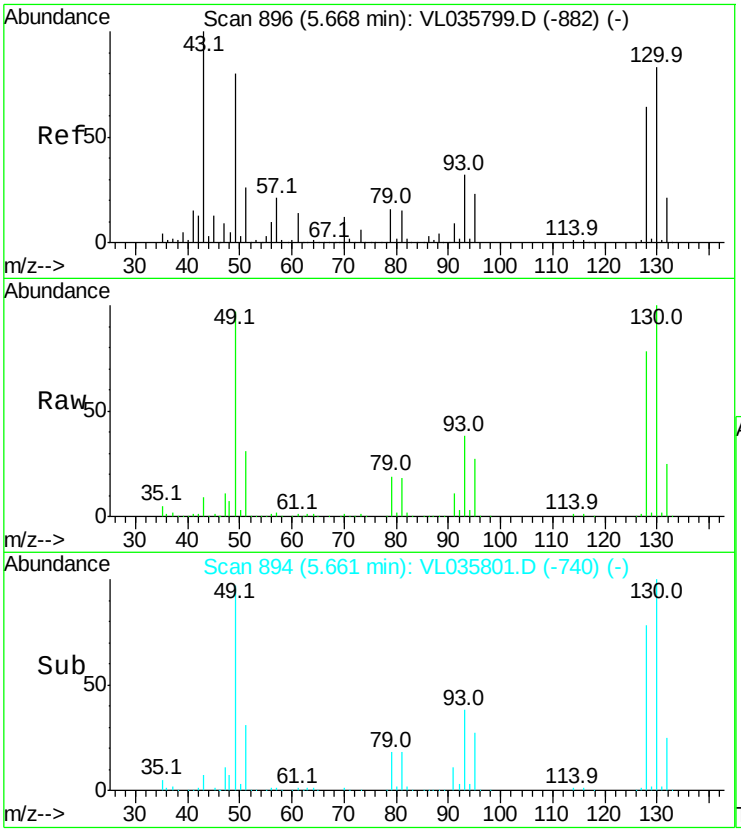
Quantitation Report (Not Reviewed)

Data File : VL035801.D
Acq On : 3 Nov 2020 11:49
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Nov 03 14:05:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration



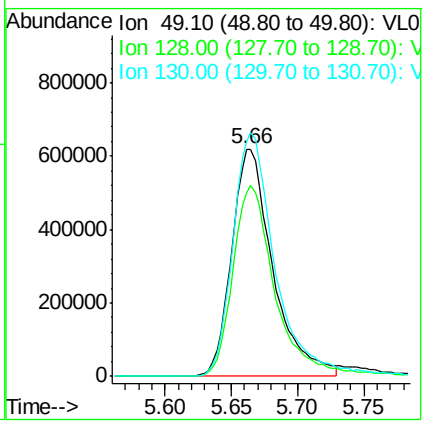


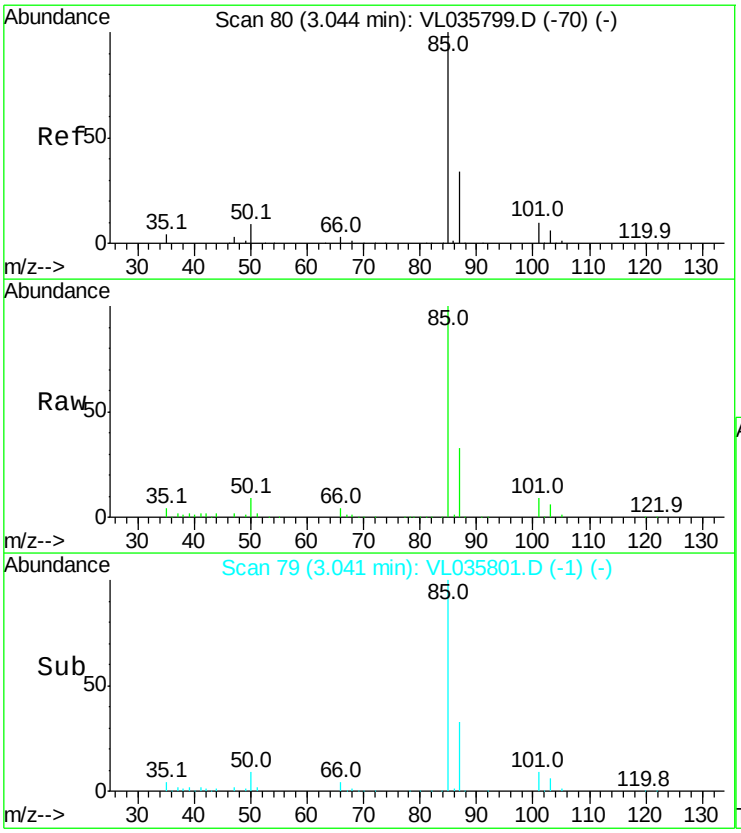
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1340547

Ion	Ratio	Lower	Upper
49	100		
128	87.3	41.5	124.6
130	112.2	53.7	161.1

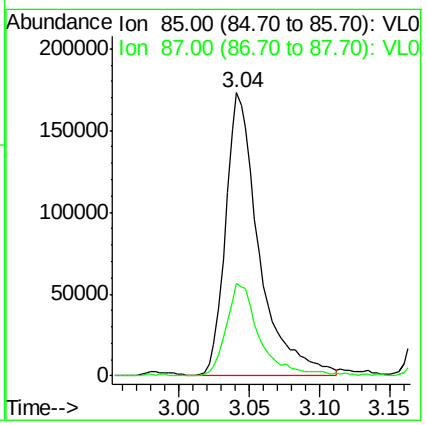


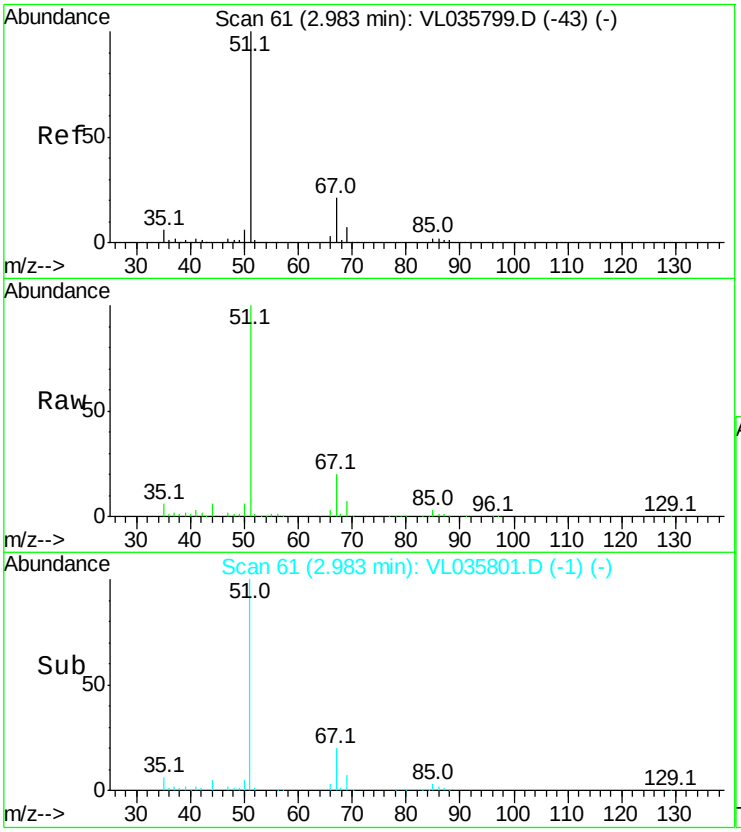


#2
Dichlorodifluoromethane
Concen: 1.297 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 85 Resp: 285208

Ion	Ratio	Lower	Upper
85	100		
87	32.6	27.1	40.7



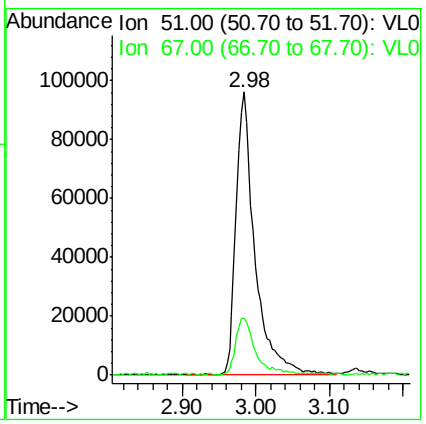


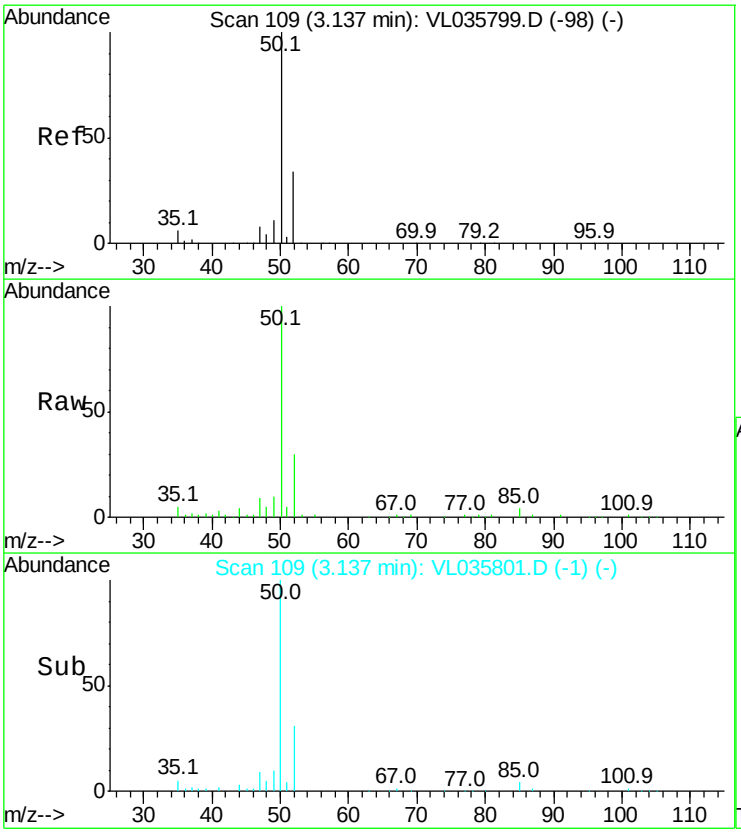
#3
Chlorodifluoromethane
Concen: 1.204 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 173648

Ion	Ratio	Lower	Upper
51	100		
67	20.1	17.0	25.4

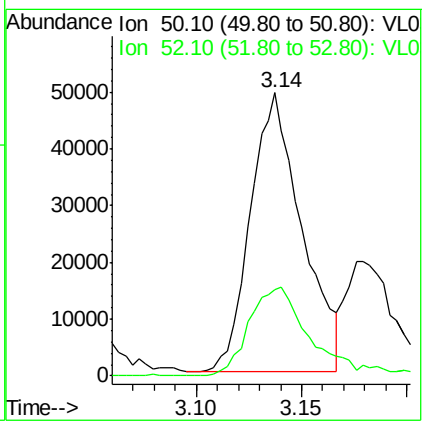


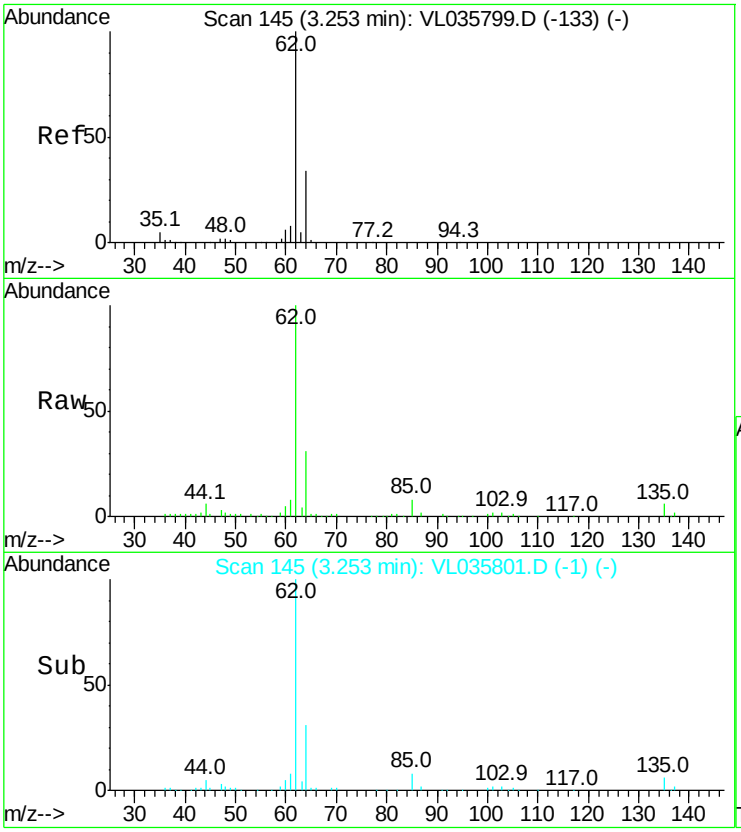


#4
Chloromethane
Concen: 1.075 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 50 Resp: 83279

Ion	Ratio	Lower	Upper
50	100		
52	30.8	27.1	40.7



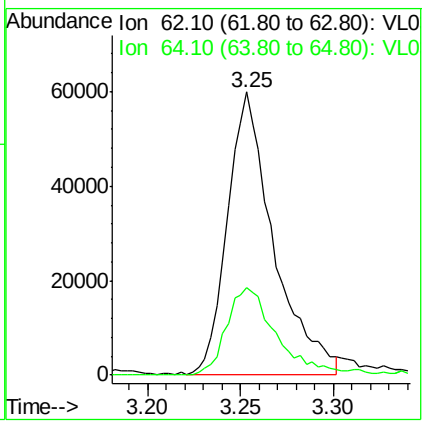


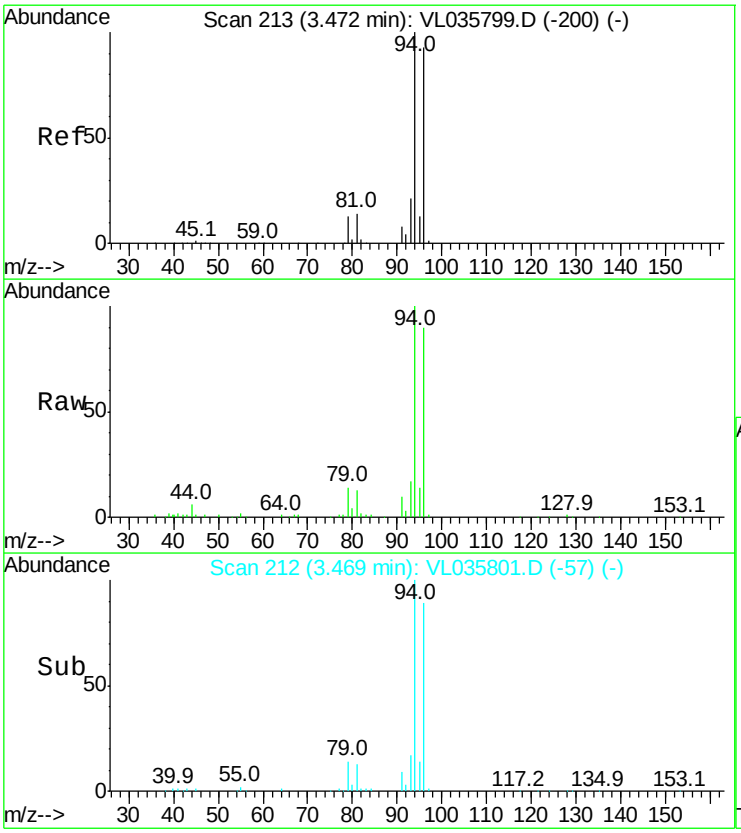
#5
Vinyl Chloride
Concen: 1.131 ppbv
RT: 3.25 min Scan# 145
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 103635

Ion	Ratio	Lower	Upper
62	100		
64	31.1	26.9	40.3

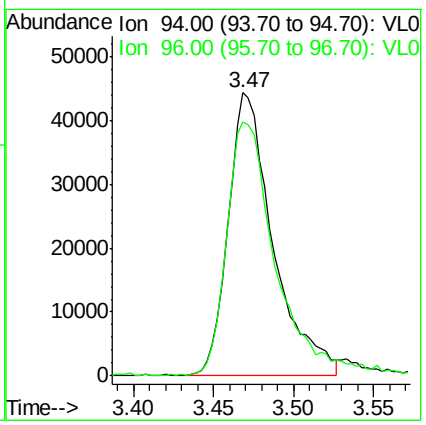


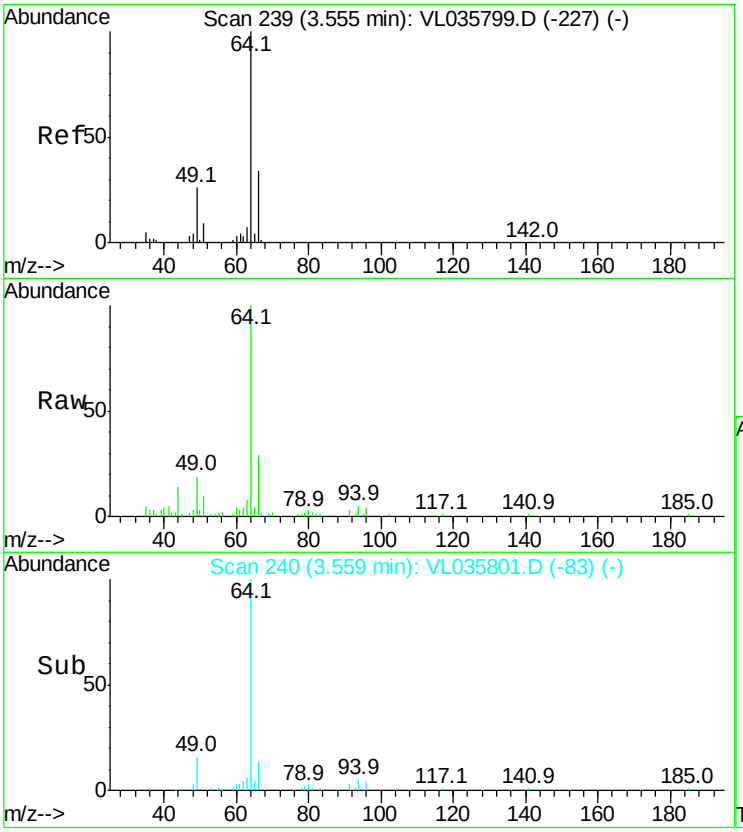


#6
Bromomethane
Concen: 1.099 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 94 Resp: 85135

Ion	Ratio	Lower	Upper
94	100		
96	89.6	74.6	111.8



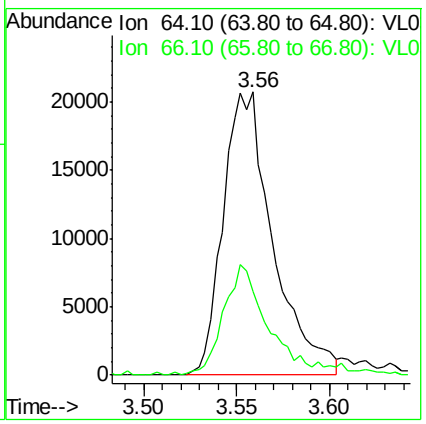


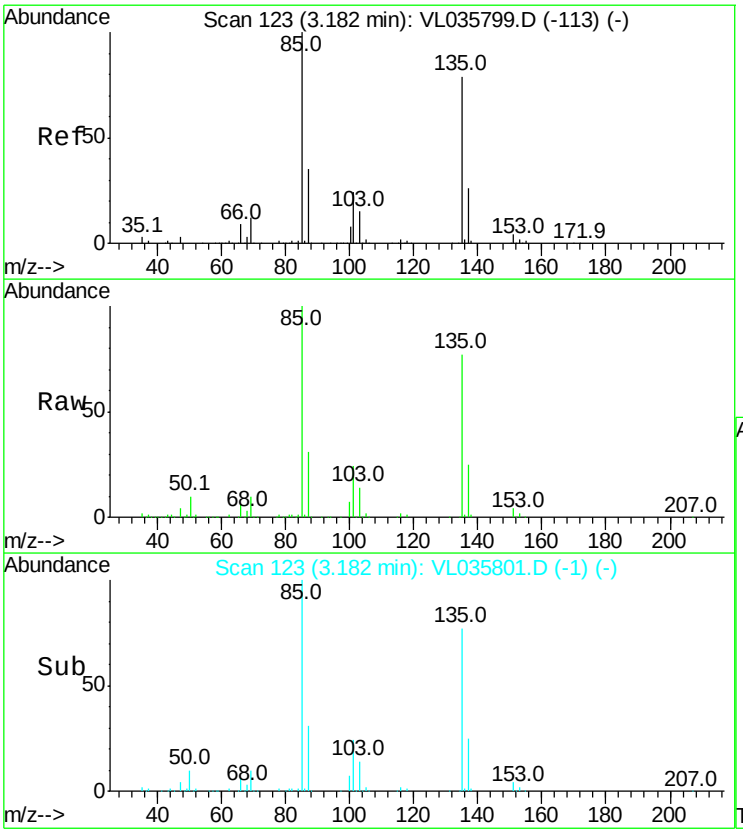
#7
Chloroethane
Concen: 1.153 ppbv
RT: 3.56 min Scan# 240
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 38752

Ion	Ratio	Lower	Upper
64	100		
66	29.4	27.0	40.6

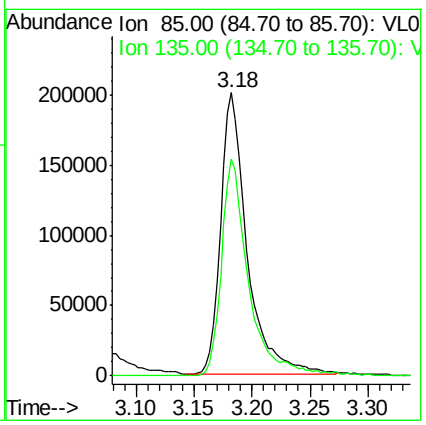


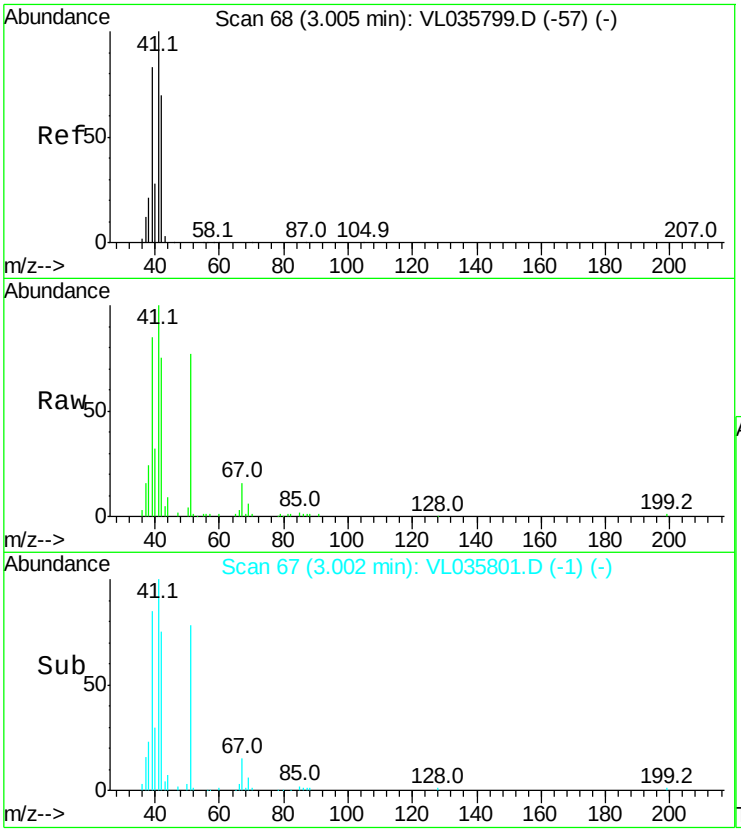


#8
Dichlorotetrafluoroethane
Concen: 1.199 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 85 Resp: 319782

Ion	Ratio	Lower	Upper
85	100		
135	79.4	64.6	96.8



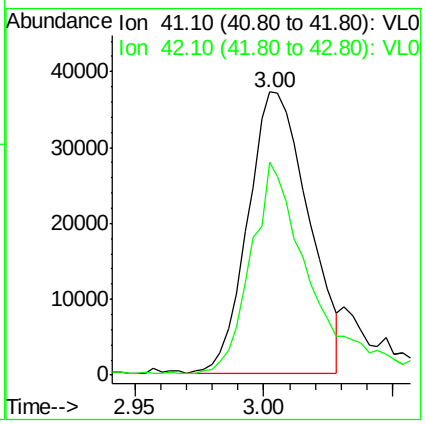


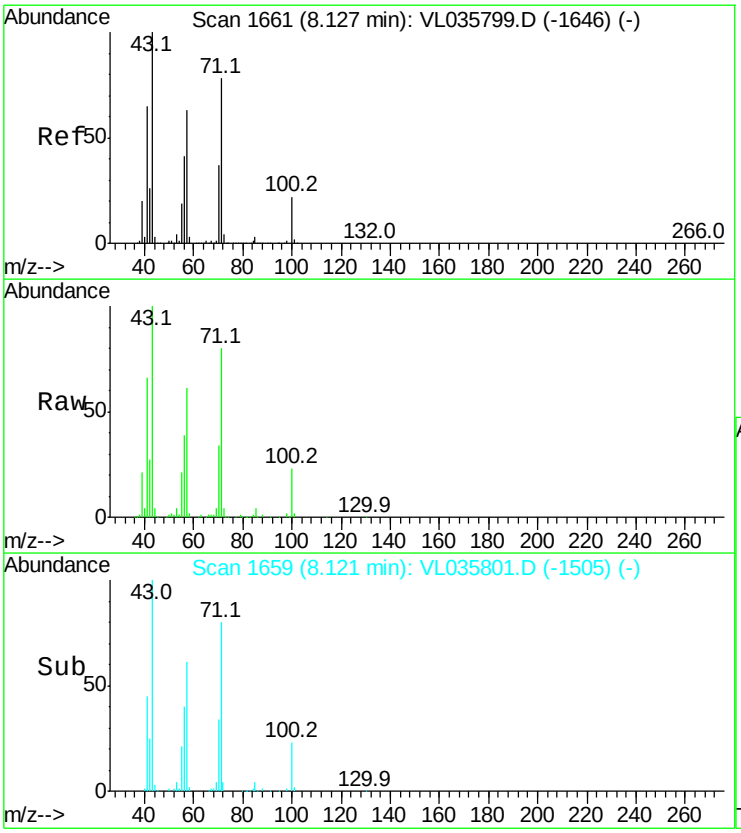
#9
Propene
Concen: 1.156 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 60530

Ion	Ratio	Lower	Upper
41	100		
42	74.9	56.2	84.4

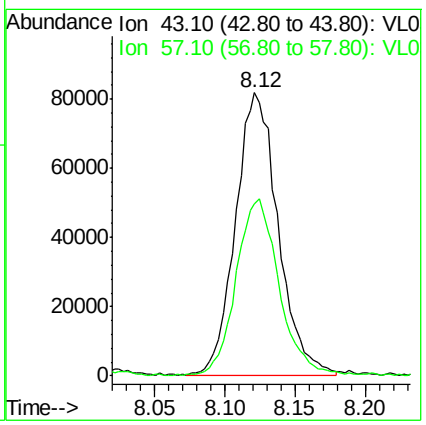


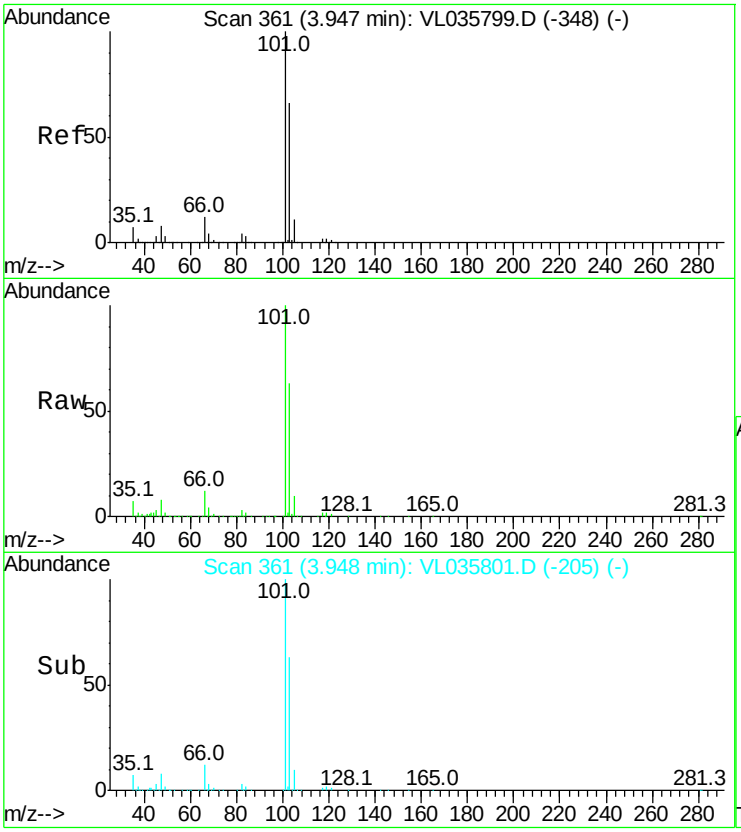


#10
Heptane
Concen: 1.182 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 43 Resp: 172565

Ion	Ratio	Lower	Upper
43	100		
57	64.1	50.0	75.0



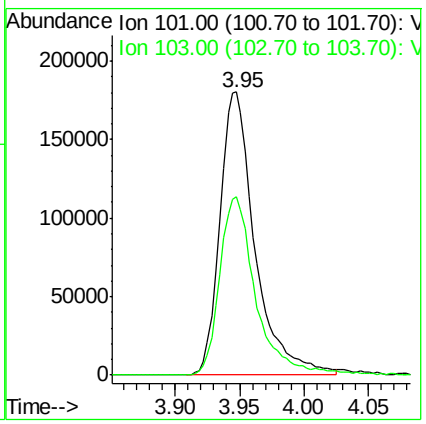


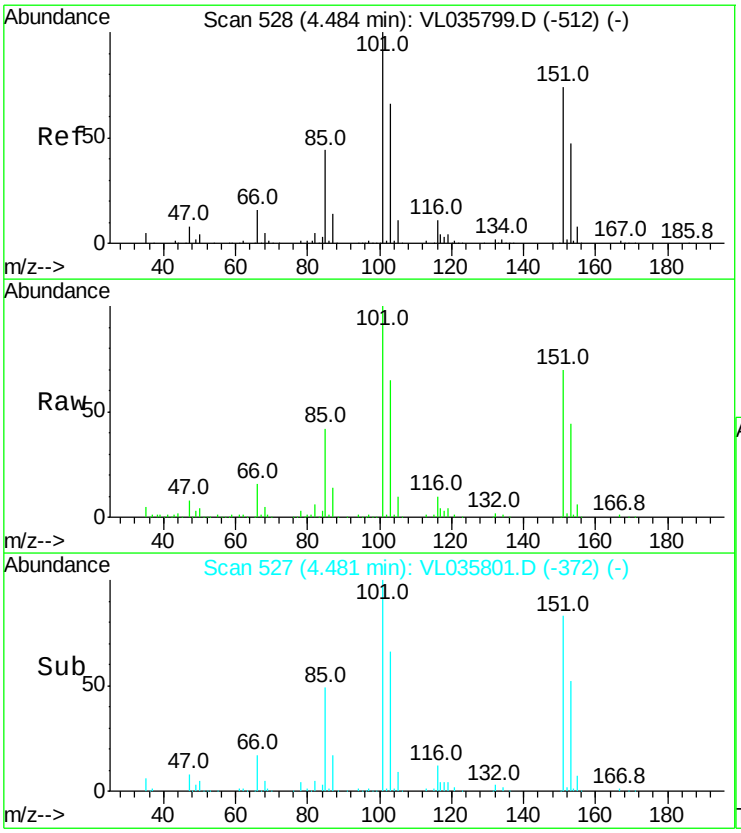
#11
Trichlorofluoromethane
Concen: 1.085 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 340663

Ion	Ratio	Lower	Upper
101	100		
103	62.6	53.0	79.4

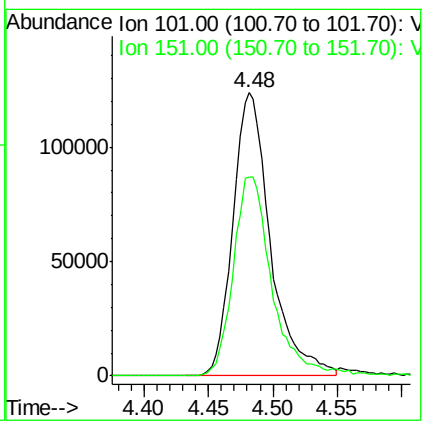


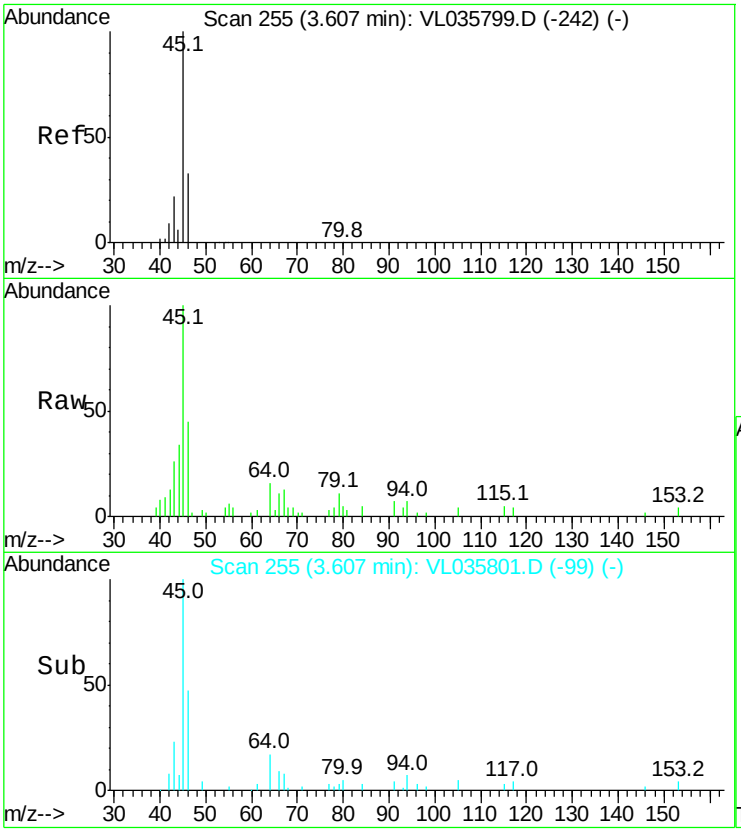


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.070 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:101 Resp: 250303

Ion	Ratio	Lower	Upper
101	100		
151	73.1	58.9	88.3



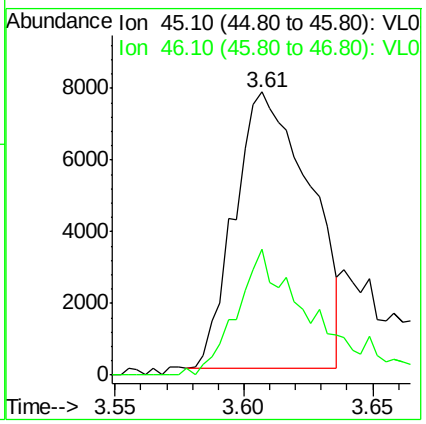


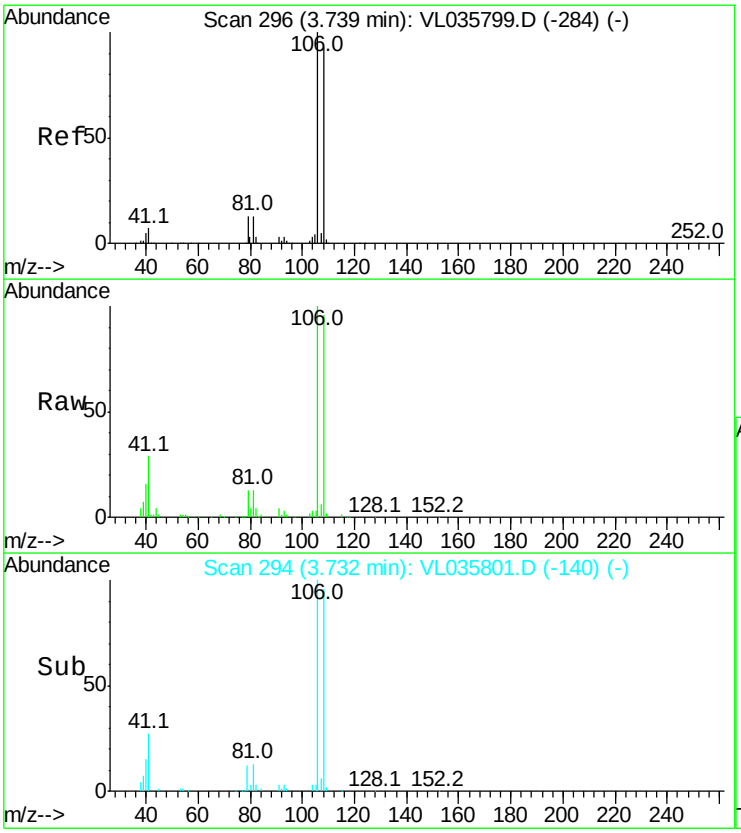
#13
Ethanol
Concen: 1.220 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 15756

Ion	Ratio	Lower	Upper
45	100		
46	49.0	16.1	64.5

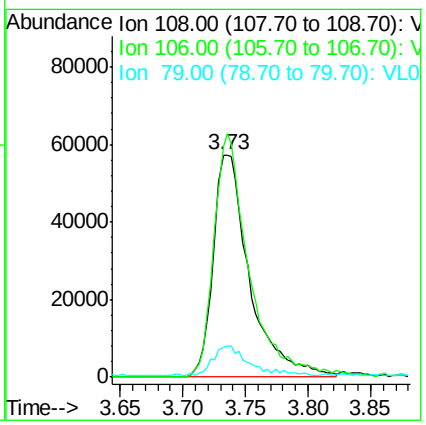


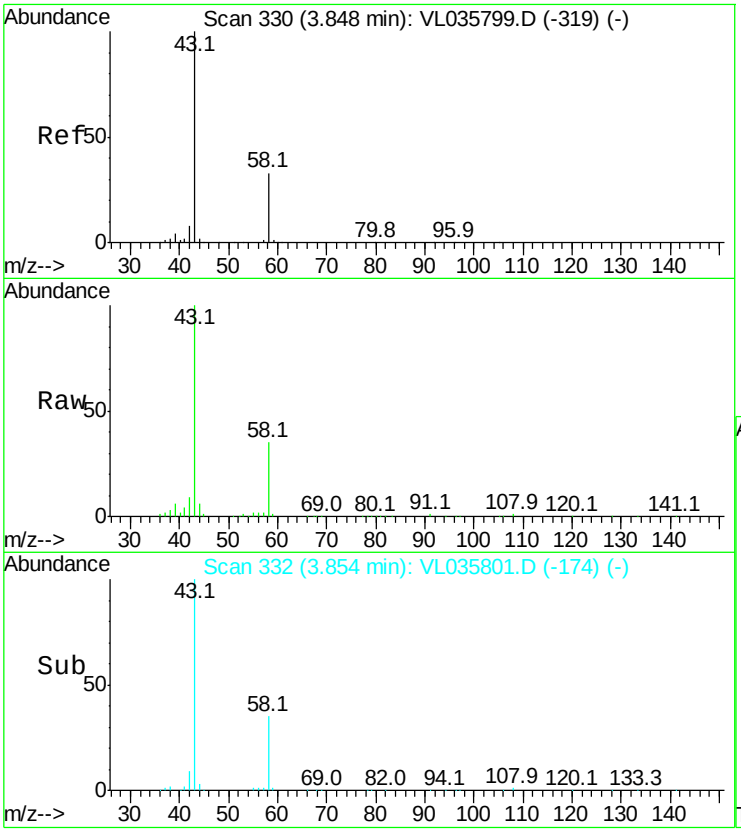


#14
Bromoethene
Concen: 1.173 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:108 Resp: 115566

Ion	Ratio	Lower	Upper
108	100		
106	107.2	85.3	127.9
79	14.4	11.6	17.4



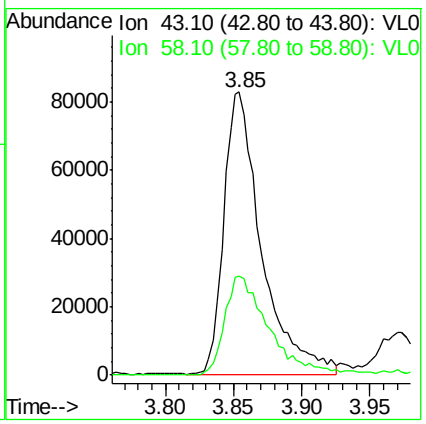


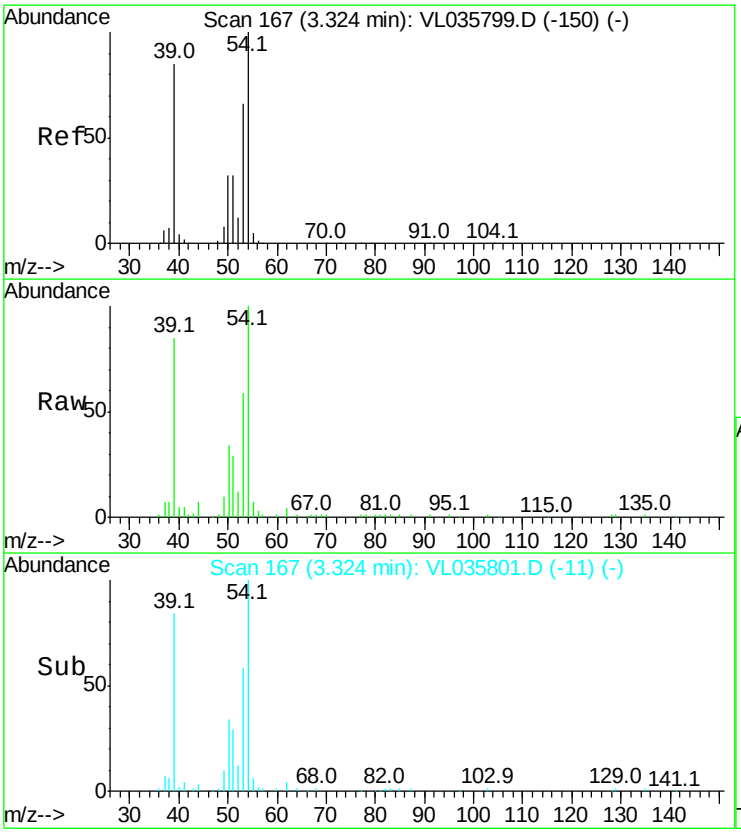
#15
Acetone
Concen: 1.096 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 158047

Ion	Ratio	Lower	Upper
43	100		
58	41.7	27.5	41.3#

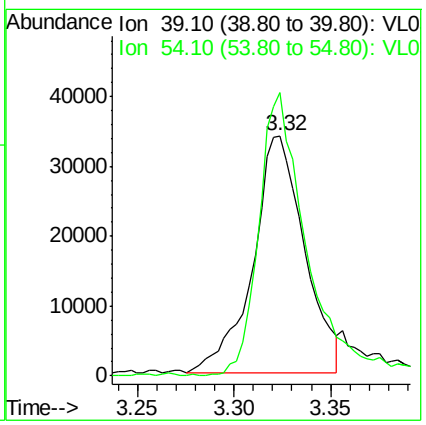


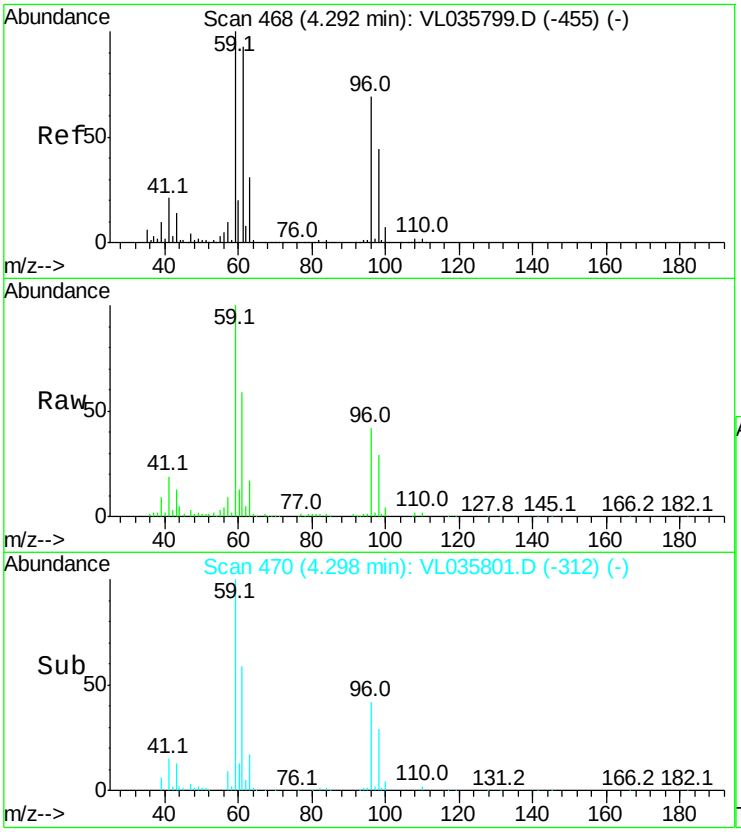


#16
1,3-Butadiene
Concen: 1.189 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 39 Resp: 62755

Ion	Ratio	Lower	Upper
39	100		
54	115.8	87.1	130.7



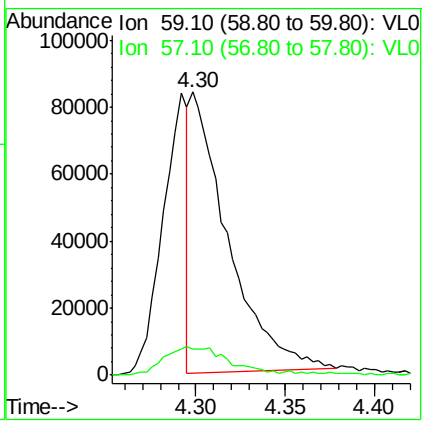


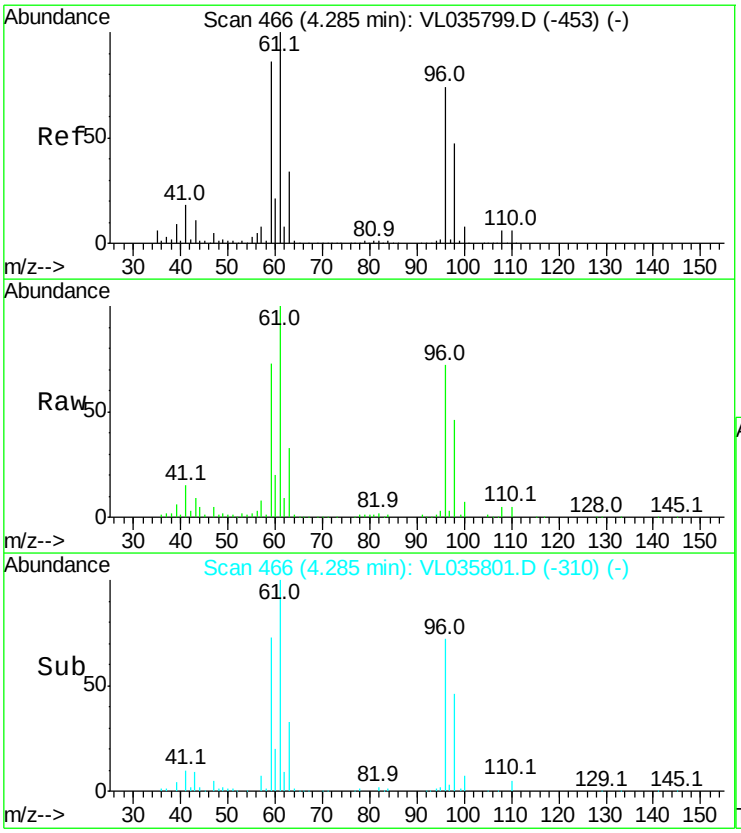
#17
tert-Butyl alcohol
Concen: 0.776 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 121853

Ion	Ratio	Lower	Upper
59	100		
57	18.2	8.2	12.4#

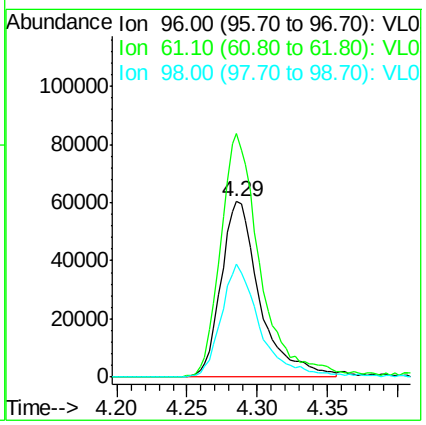


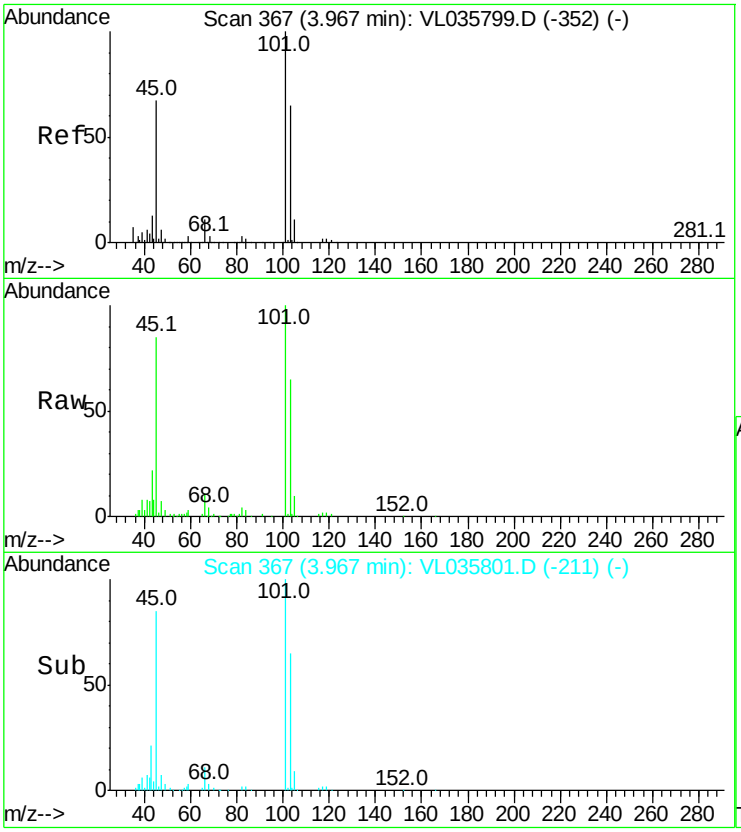


#18
1,1-Dichloroethene
Concen: 1.123 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 96 Resp: 115019

Ion	Ratio	Lower	Upper
96	100		
61	138.4	108.5	162.7
98	64.6	50.7	76.1



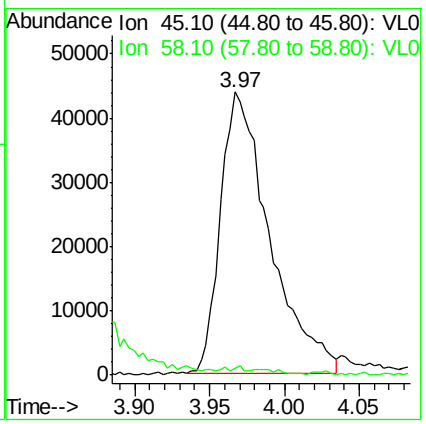


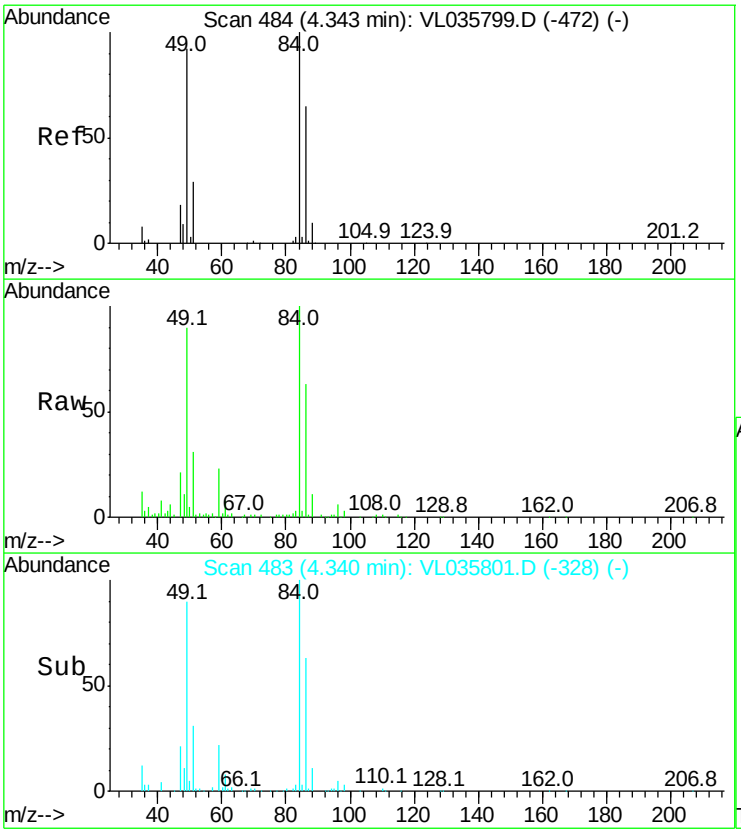
#19
Isopropyl Alcohol
Concen: 1.284 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 100784

Ion	Ratio	Lower	Upper
45	100		
58	3.1	2.6	3.8

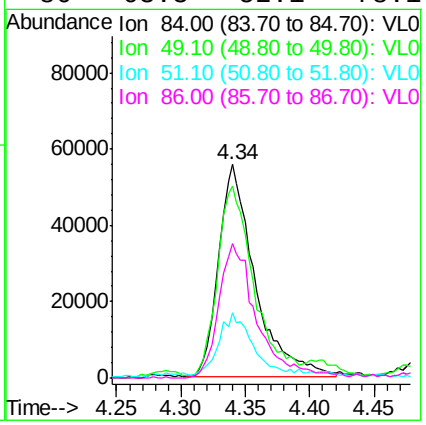


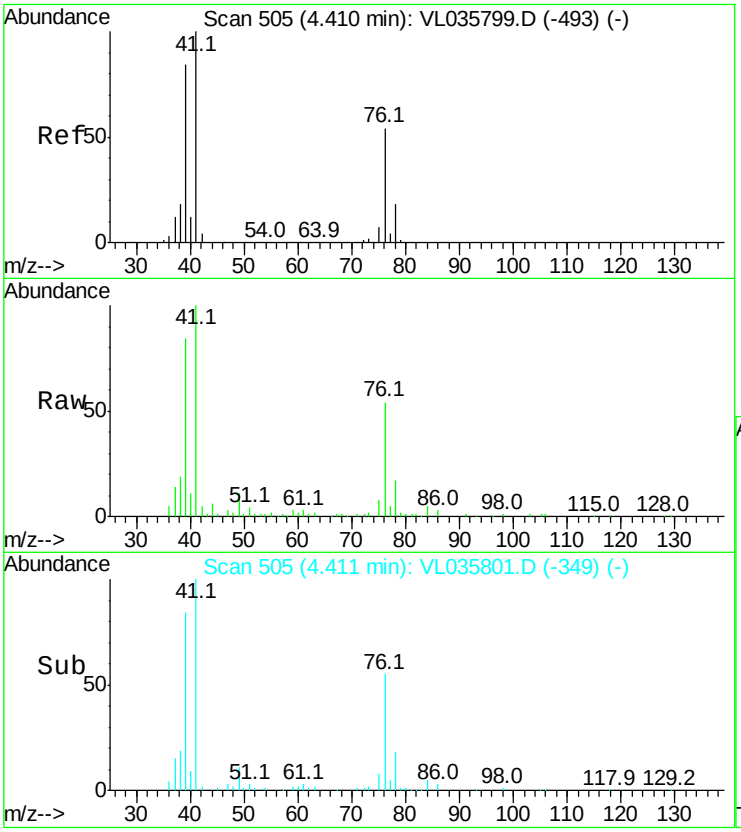


#20
Methylene Chloride
Concen: 1.035 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 84 Resp: 109638

Ion	Ratio	Lower	Upper
84	100		
49	88.9	73.8	110.8
51	29.0	23.0	34.4
86	63.3	52.1	78.1



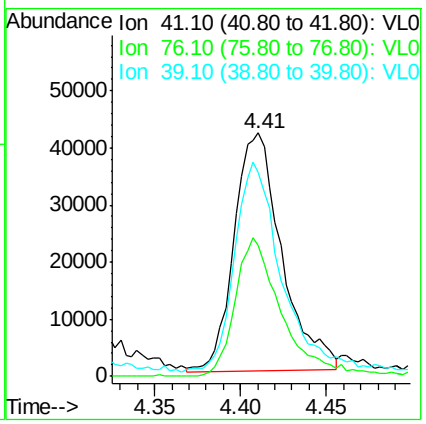


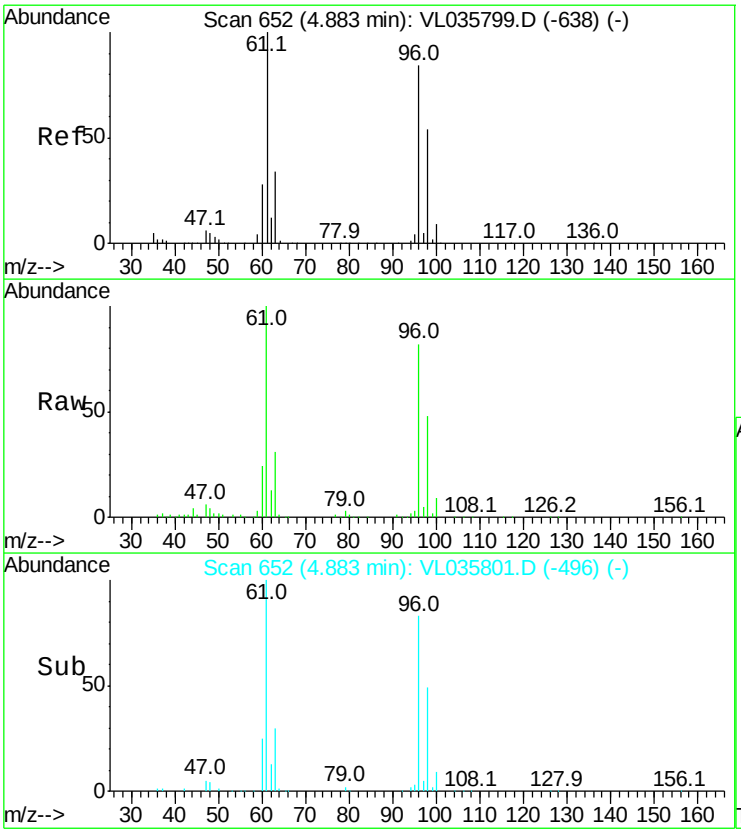
#21
Allyl Chloride
Concen: 1.148 ppbv
RT: 4.41 min Scan# 505
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 80251

Ion	Ratio	Lower	Upper
41	100		
76	57.5	42.6	63.8
39	93.2	67.0	100.4

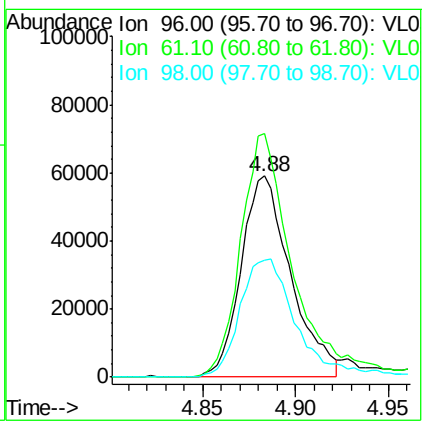


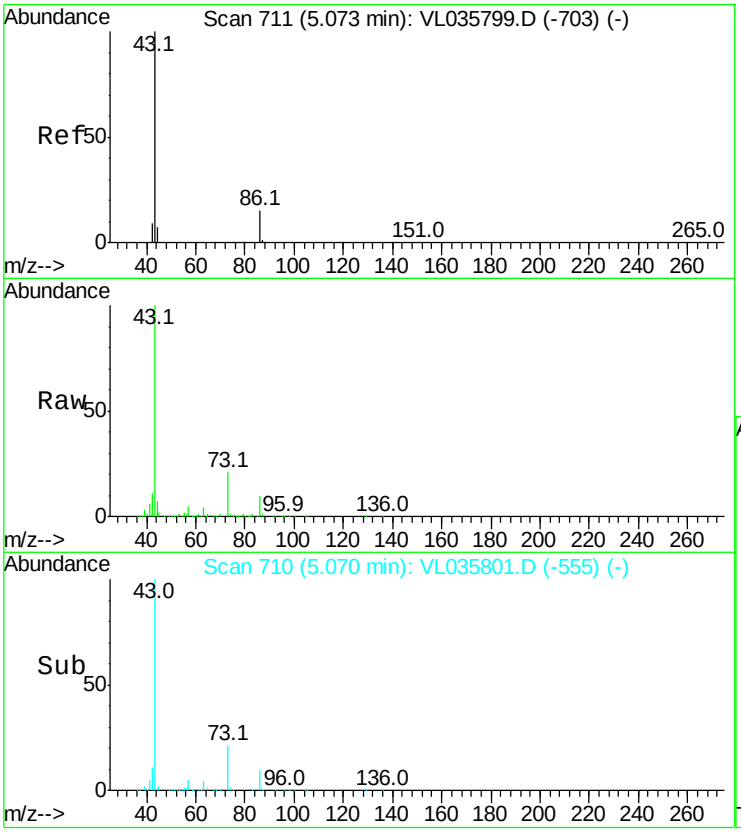


#22
trans-1,2-Dichloroethene
Concen: 1.015 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 96 Resp: 109871

Ion	Ratio	Lower	Upper
96	100		
61	121.3	95.4	143.0
98	58.5	51.8	77.6



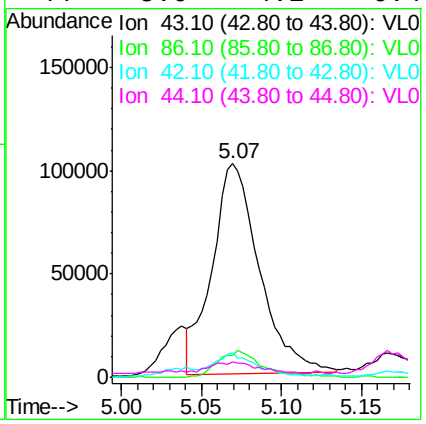


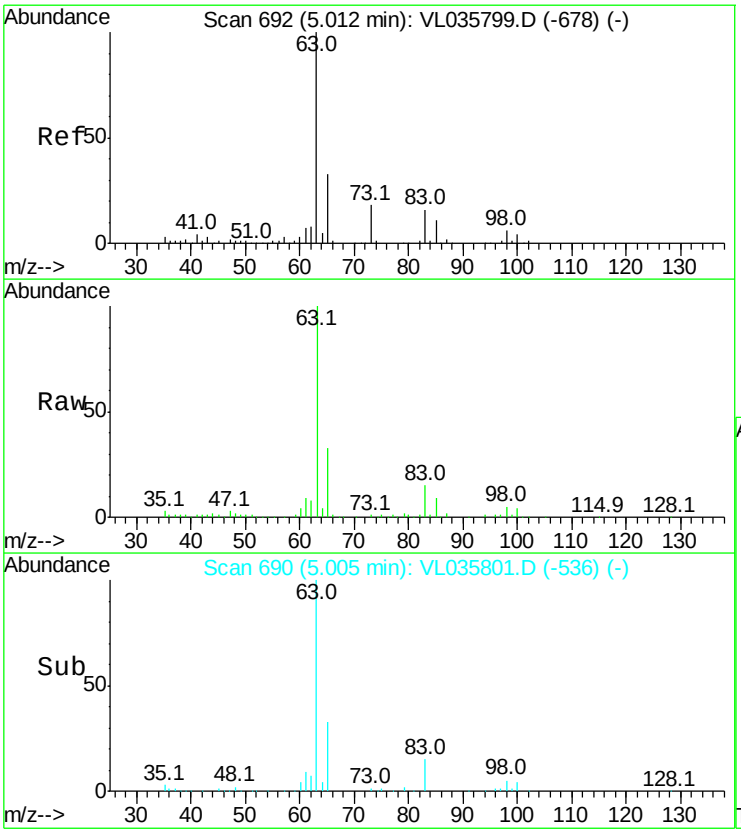
#23
Vinyl Acetate
Concen: 1.183 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 208972

Ion	Ratio	Lower	Upper
43	100		
86	10.4	9.8	14.6
42	11.2	8.1	12.1
44	5.0	4.2	6.4

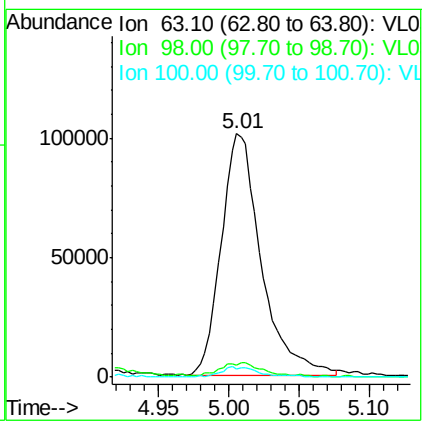


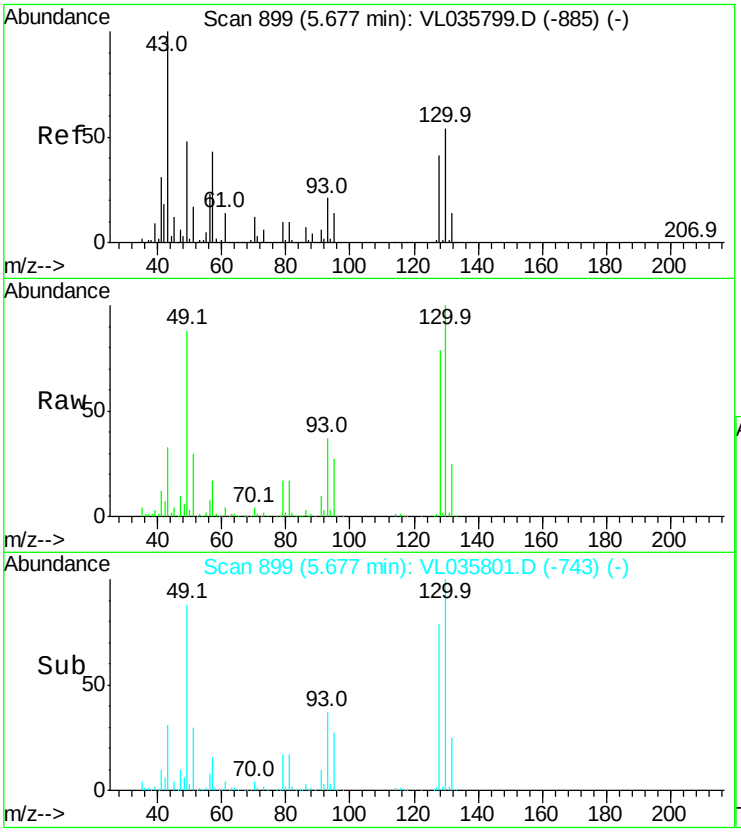


#24
1,1-Dichloroethane
Concen: 1.041 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 63 Resp: 200395

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.0	9.2
100	3.6	1.8	5.4



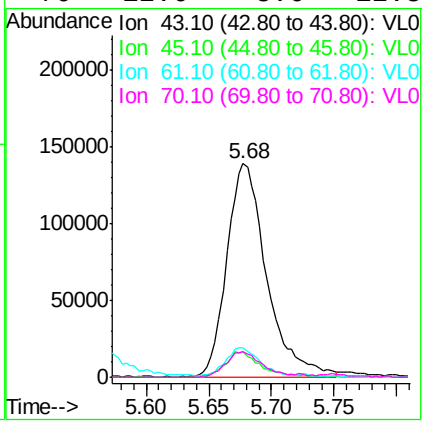


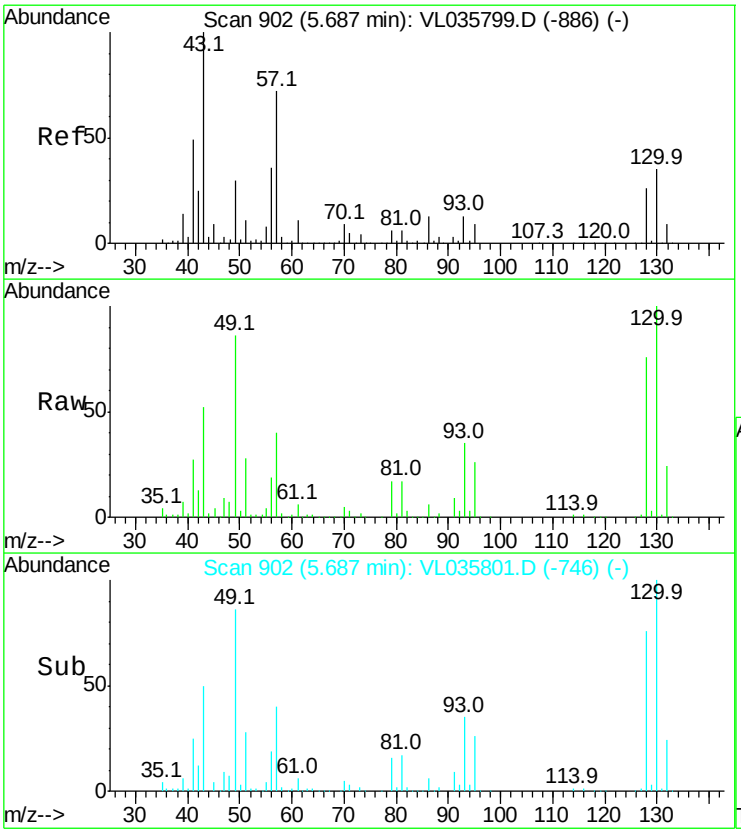
#25
Ethyl Acetate
Concen: 1.178 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 305702

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.5	12.7
61	12.9	10.7	16.1
70	12.6	8.6	12.8

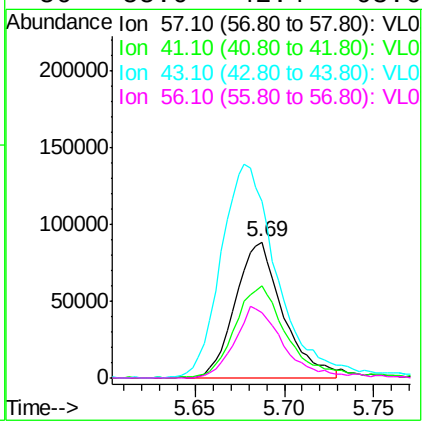


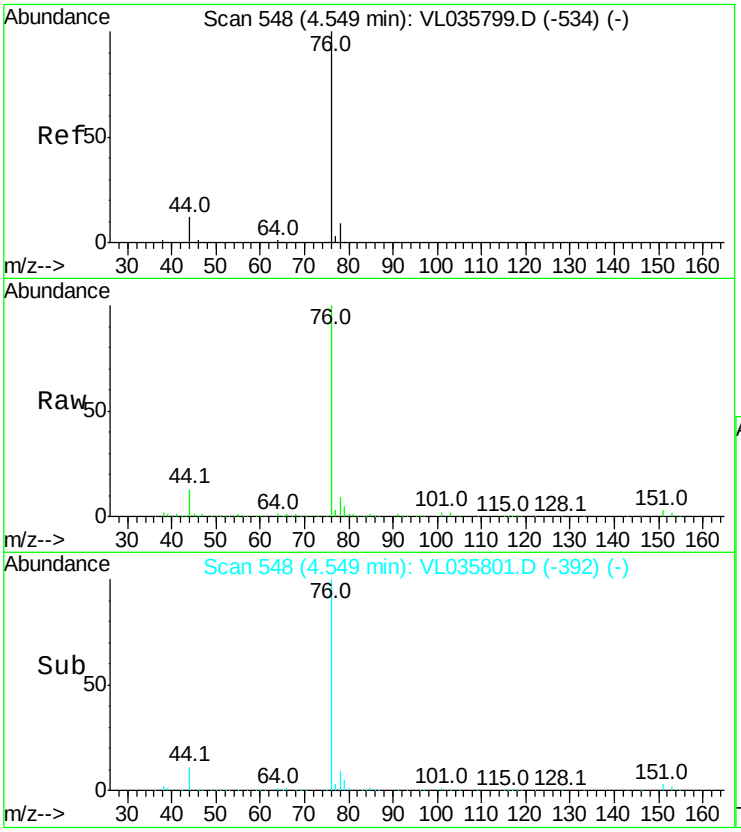


#26
Hexane
Concen: 1.152 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 57 Resp: 163909

Ion	Ratio	Lower	Upper
57	100		
41	76.4	58.9	88.3
43	189.7	150.2	225.2
56	55.0	42.4	63.6



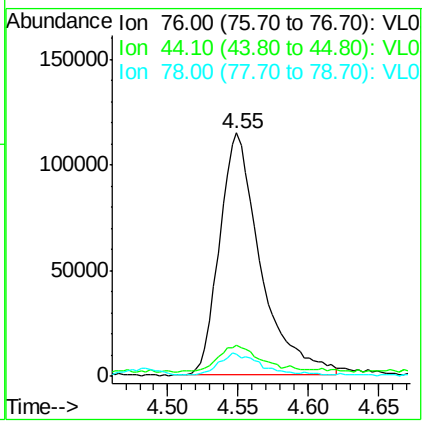


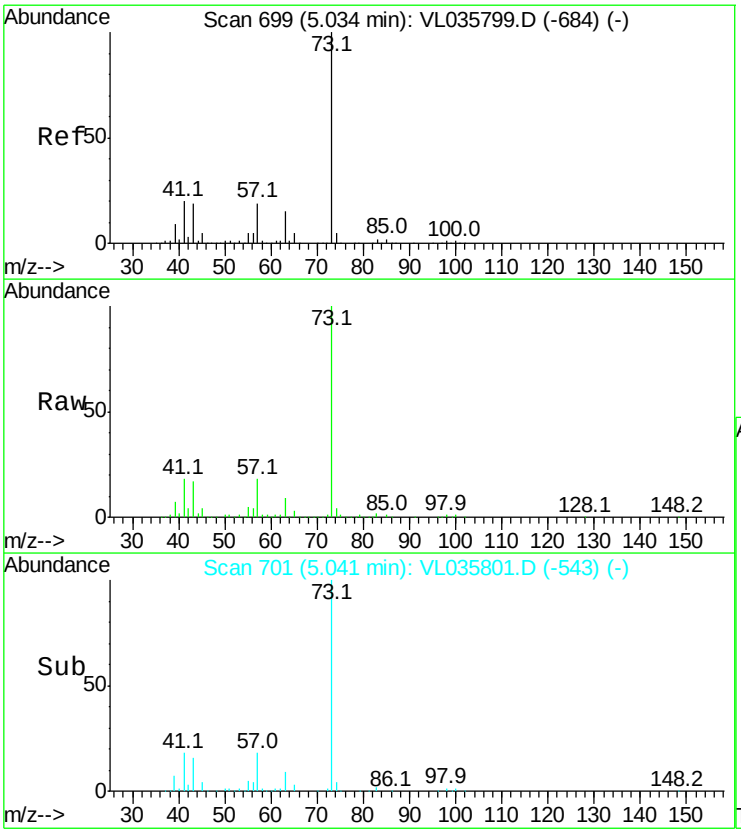
#27
Carbon Disulfide
Concen: 1.099 ppbv
RT: 4.55 min Scan# 548
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 232932

Ion	Ratio	Lower	Upper
76	100		
44	12.3	9.9	14.9
78	9.7	8.1	12.1

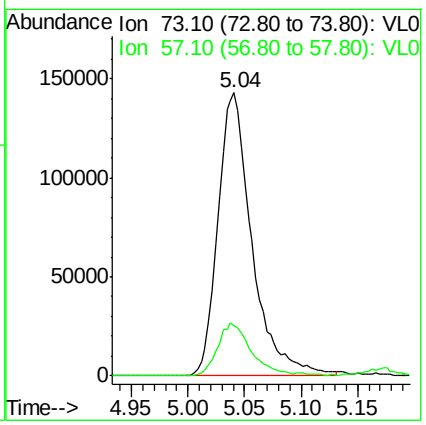


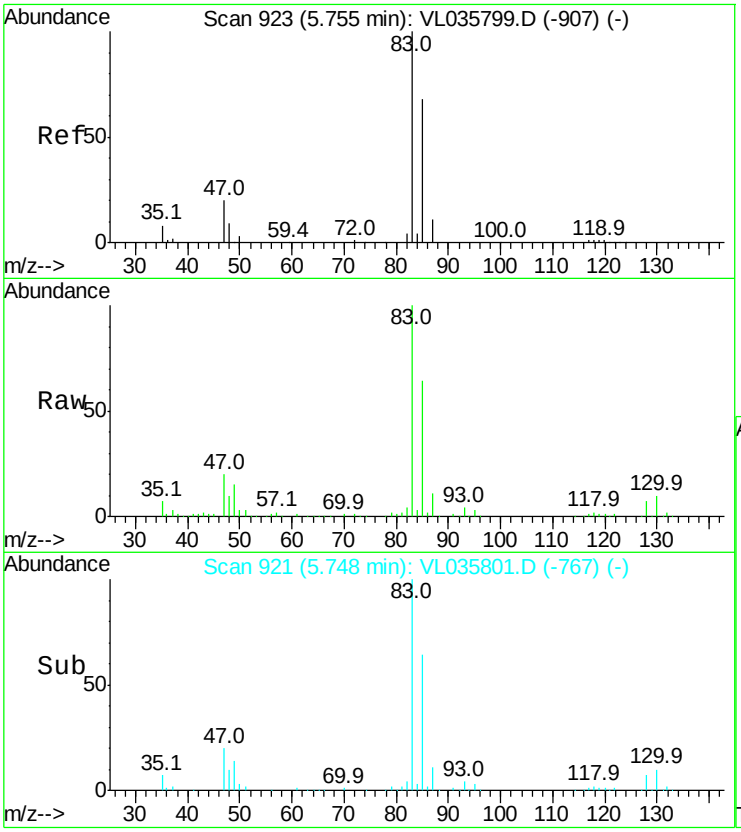


#28
Methyl tert-Butyl Ether
Concen: 1.315 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 73 Resp: 296429

Ion	Ratio	Lower	Upper
73	100		
57	19.2	15.4	23.2



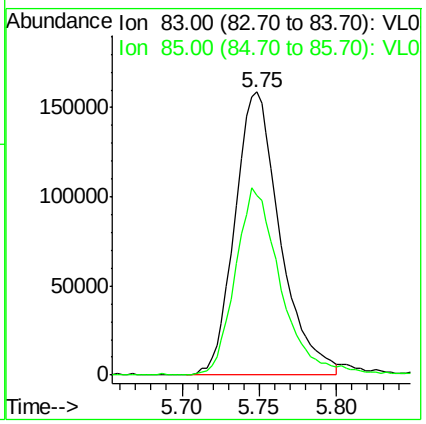


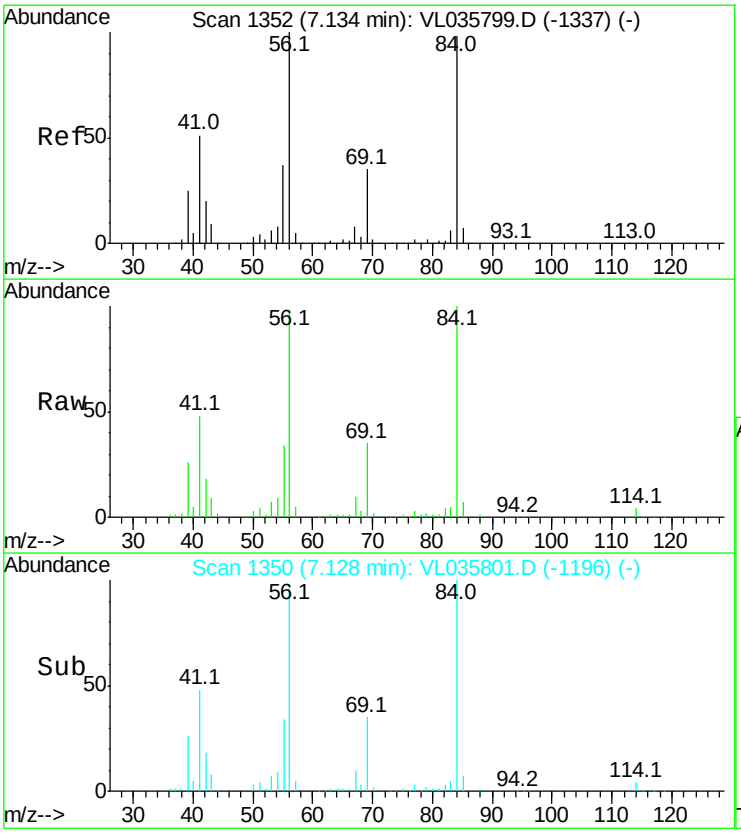
#29
Chloroform
Concen: 1.121 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 323880

Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.6	81.8

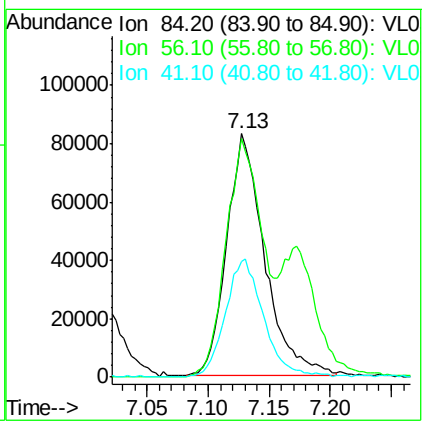


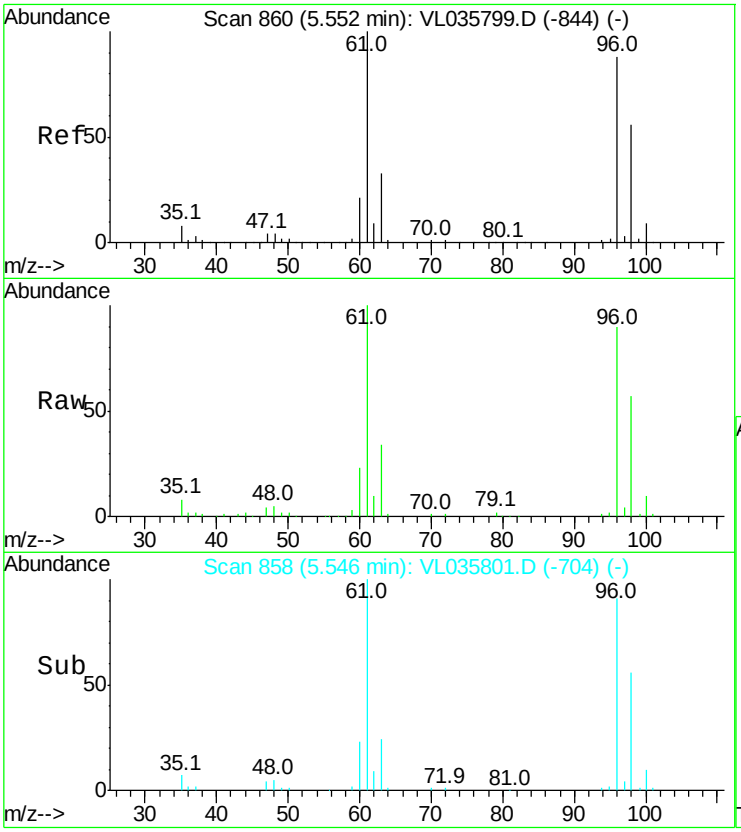


#30
Cyclohexane
Concen: 1.277 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 84 Resp: 179202

Ion	Ratio	Lower	Upper
84	100		
56	97.2	86.4	129.6
41	50.3	42.1	63.1



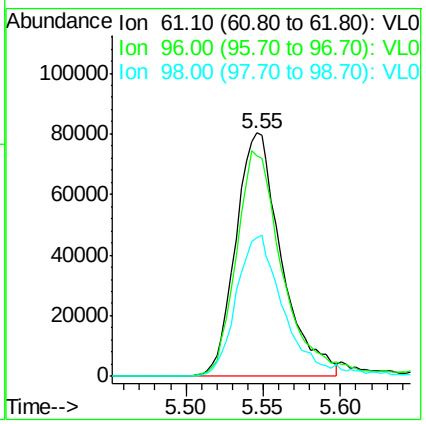


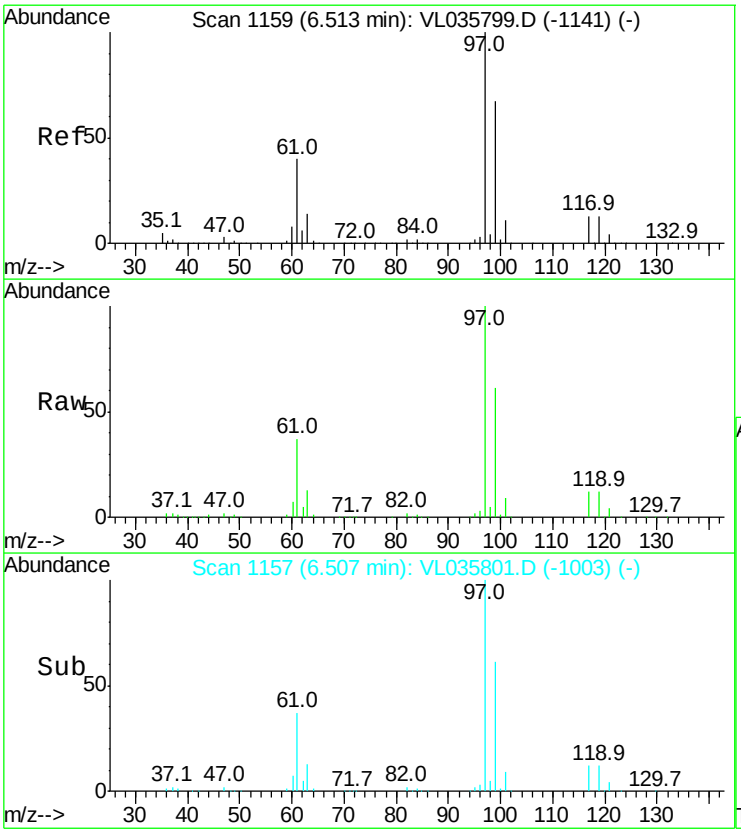
#31
cis-1,2-Dichloroethene
Concen: 1.204 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 165245

Ion	Ratio	Lower	Upper
61	100		
96	90.2	70.3	105.5
98	56.8	45.0	67.6

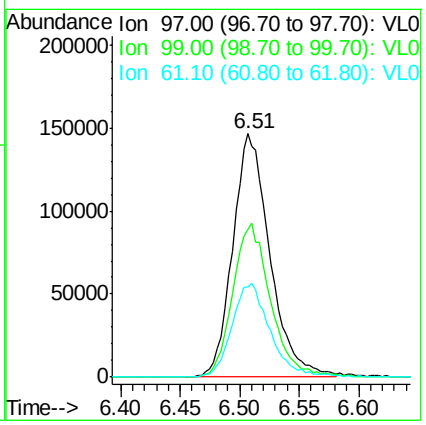


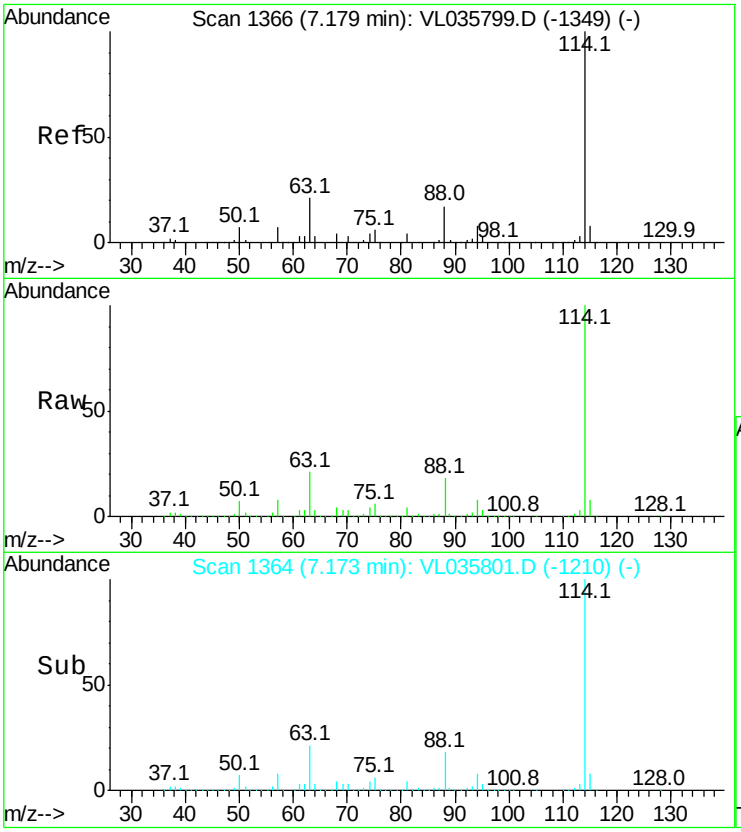


#32
1,1,1-Trichloroethane
Concen: 1.244 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 97 Resp: 316789

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	39.8	32.0	48.0



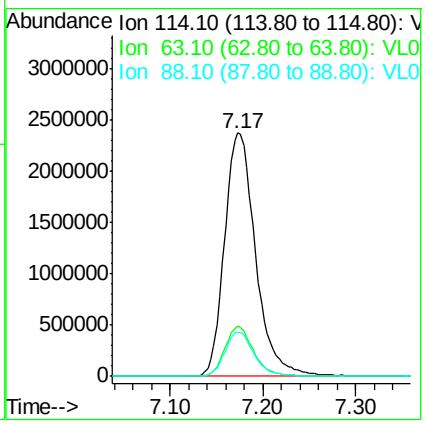


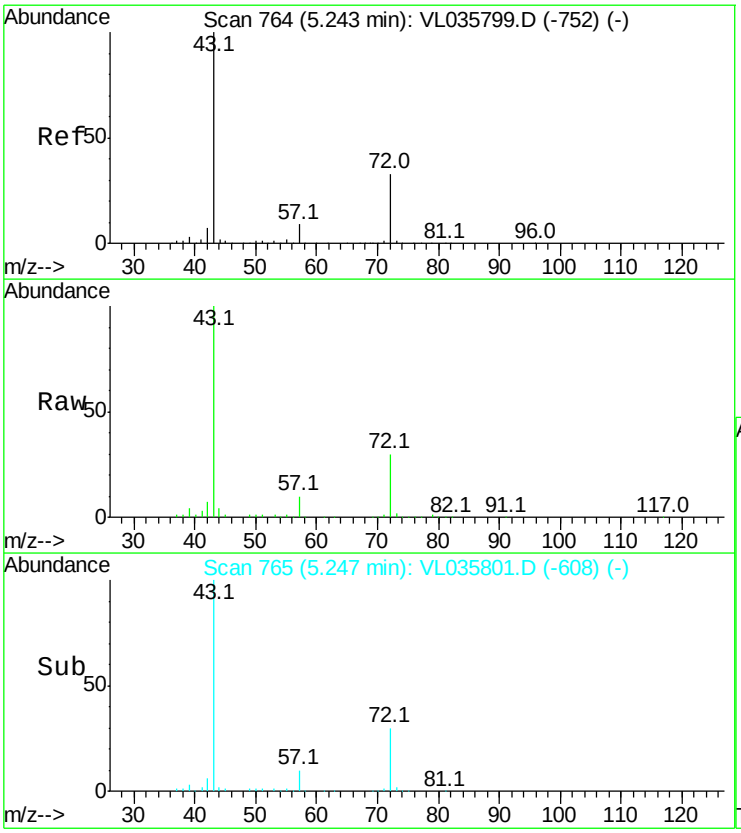
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 5516536

Ion	Ratio	Lower	Upper
114	100		
63	19.2	16.1	24.1
88	17.3	13.7	20.5

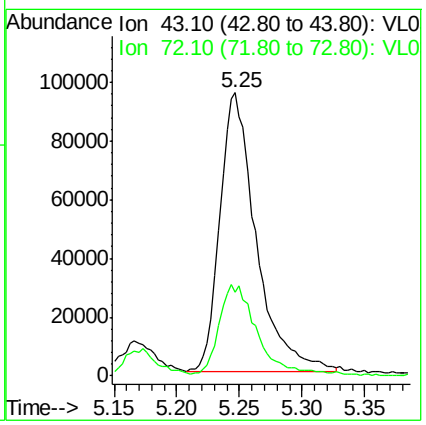


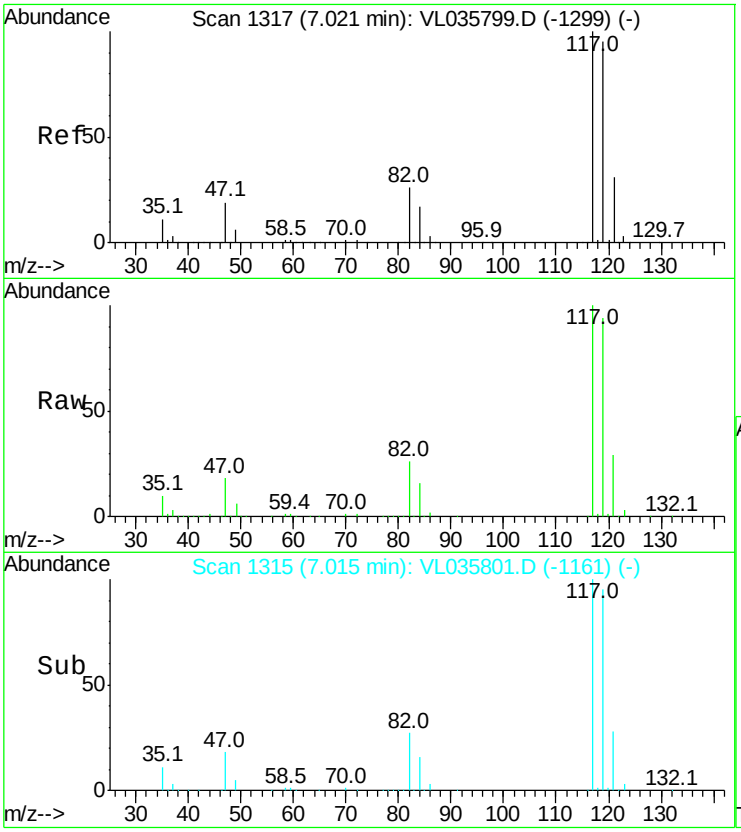


#34
2-Butanone
Concen: 1.039 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 43 Resp: 189564

Ion	Ratio	Lower	Upper
43	100		
72	35.7	26.5	39.7



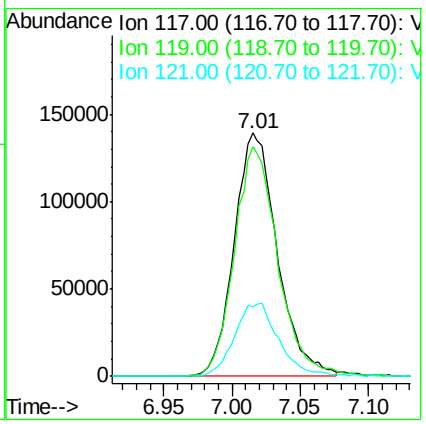


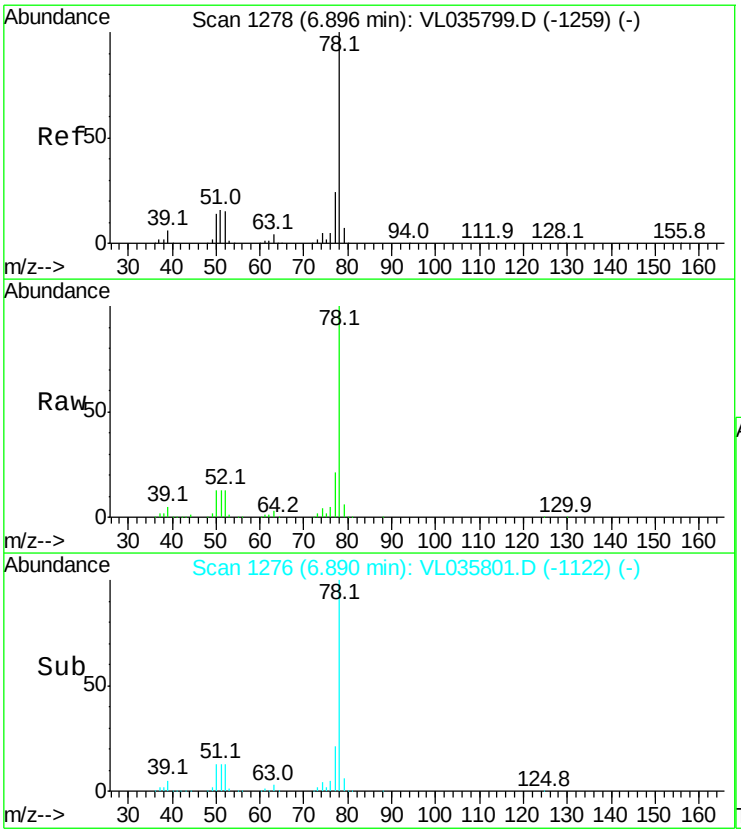
#35
Carbon Tetrachloride
Concen: 1.064 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 305896

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.6	113.4
121	28.8	25.1	37.7

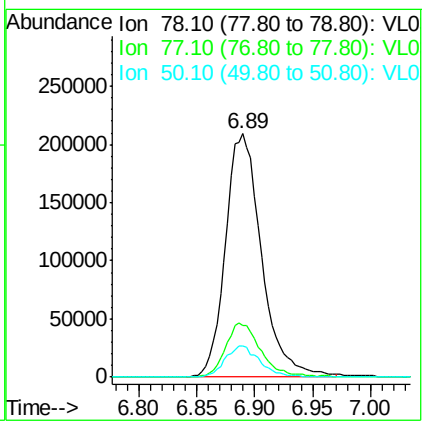


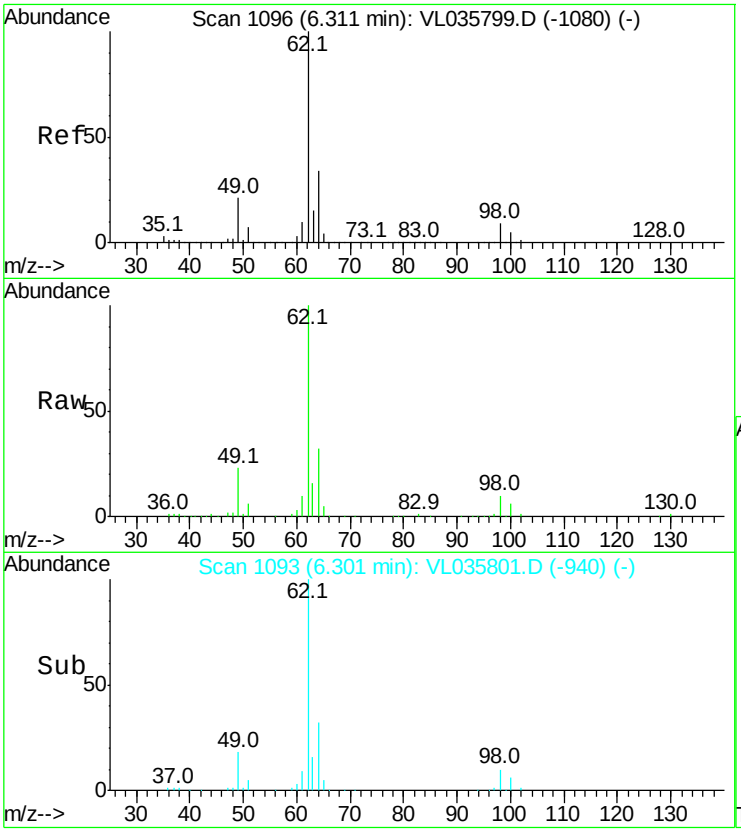


#36
Benzene
Concen: 1.255 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 78 Resp: 450995

Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.3	28.9
50	12.8	11.4	17.2



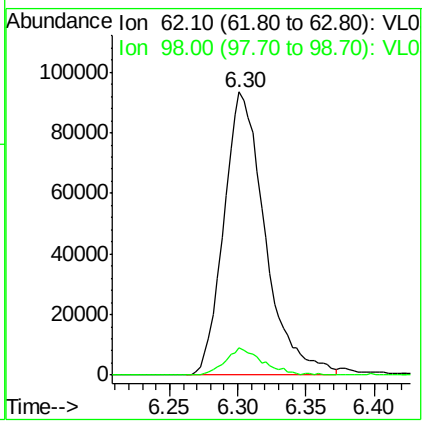


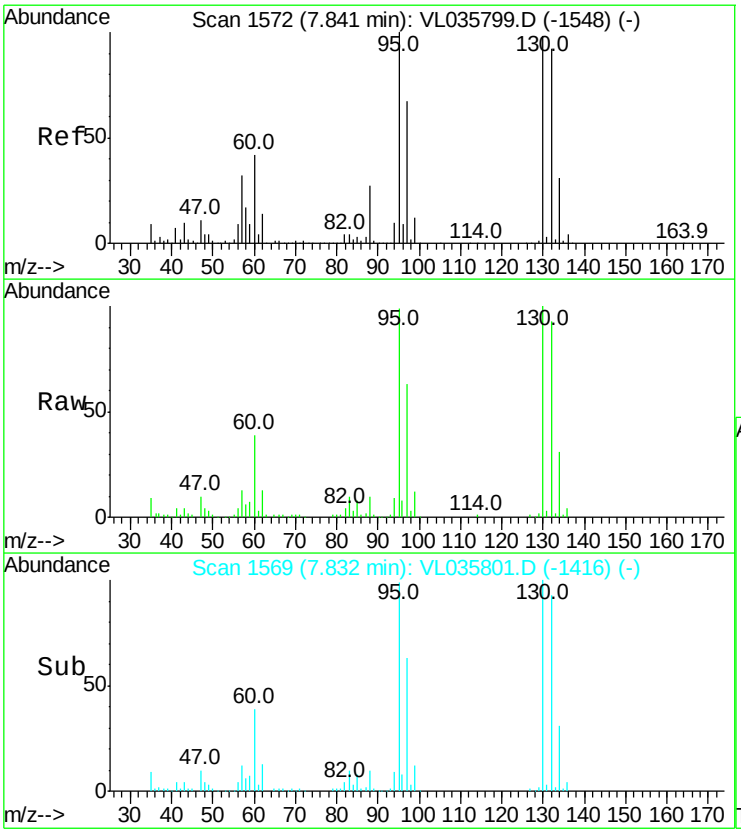
#37
1,2-Dichloroethane
Concen: 1.039 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 62 Resp: 194612

Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.9	10.3

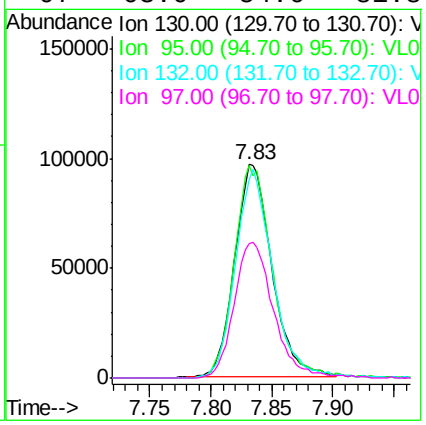


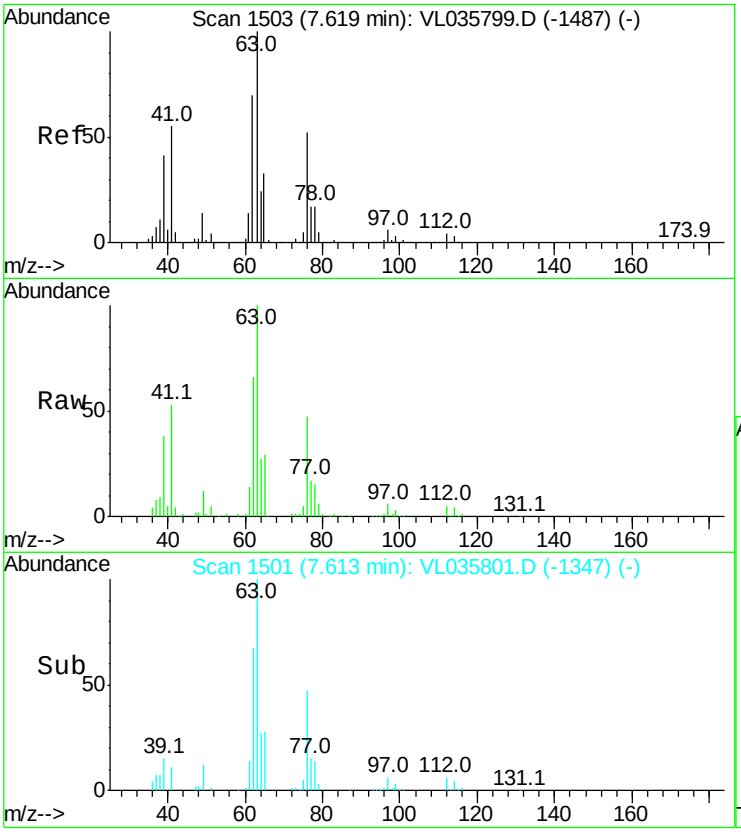


#38
Trichloroethene
Concen: 1.142 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:130 Resp: 204855

Ion	Ratio	Lower	Upper
130	100		
95	99.8	81.6	122.4
132	93.0	75.1	112.7
97	63.0	54.6	81.8



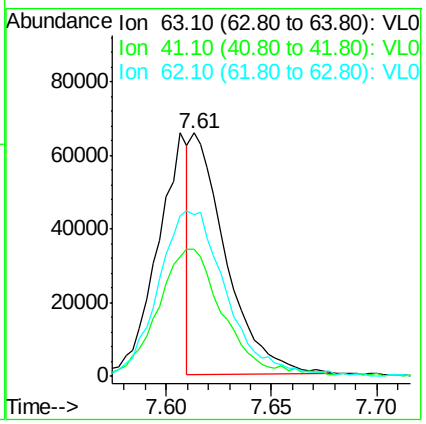


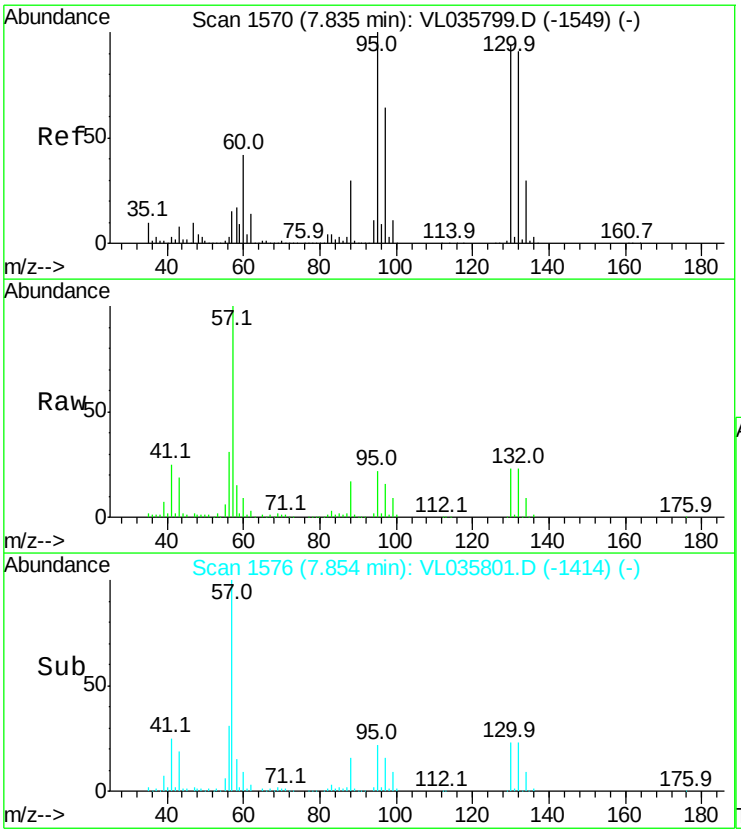
#39
1,2-Dichloropropane
Concen: 0.583 ppbv
RT: 7.61 min Scan# 1501
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 75949

Ion	Ratio	Lower	Upper
63	100		
41	52.3	43.8	65.6
62	66.2	56.2	84.2

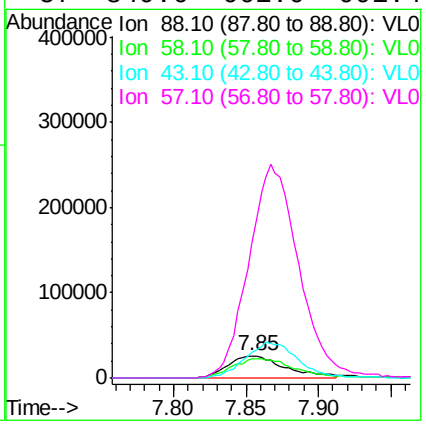


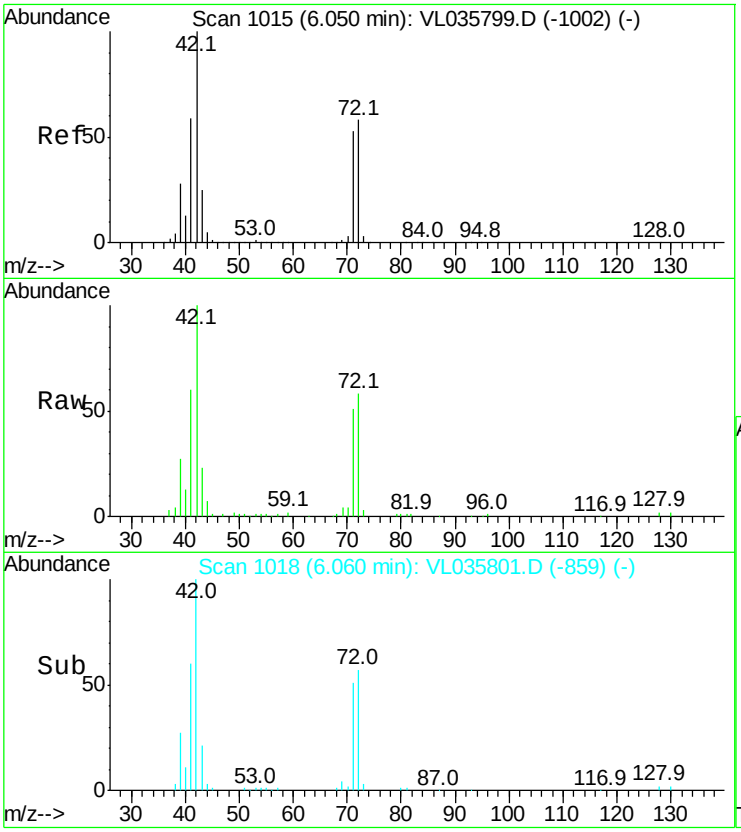


#40
1,4-Dioxane
Concen: 1.199 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 88 Resp: 71422

Ion	Ratio	Lower	Upper
88	100		
58	98.9	76.2	114.2
43	151.0	123.1	184.7
57	849.6	661.0	991.4



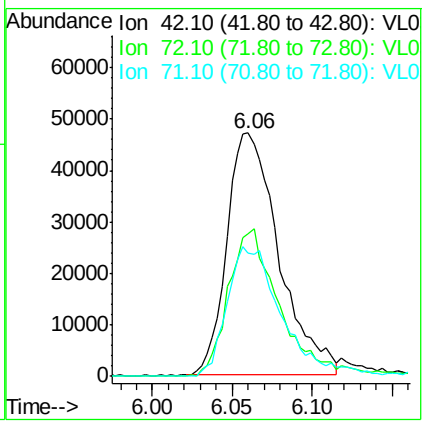


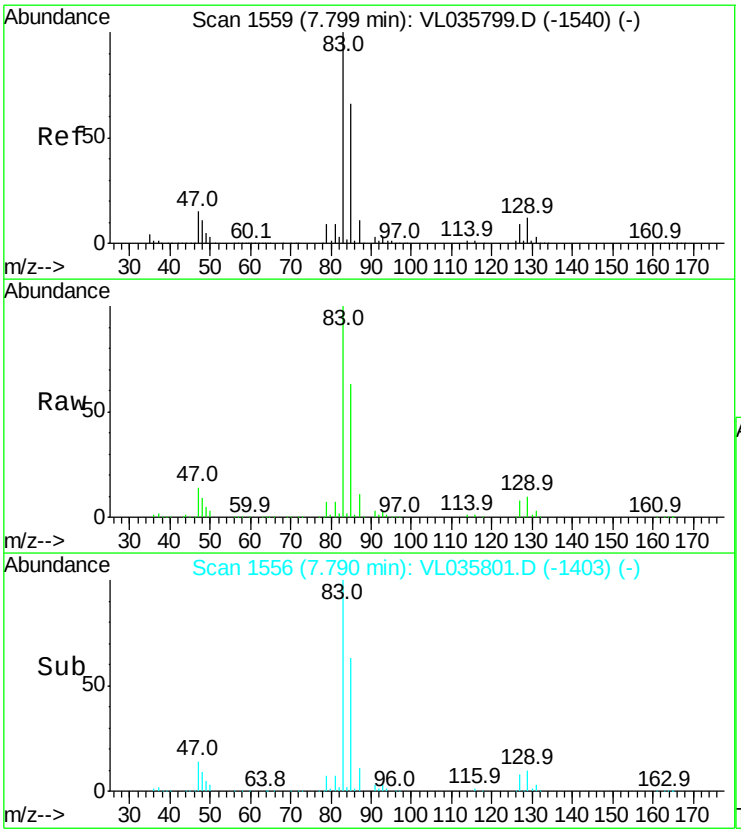
#41
Tetrahydrofuran
Concen: 1.140 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 104773

Ion	Ratio	Lower	Upper
42	100		
72	61.3	45.4	68.0
71	56.9	43.4	65.2

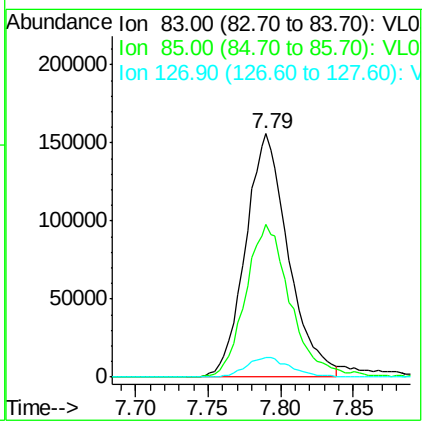


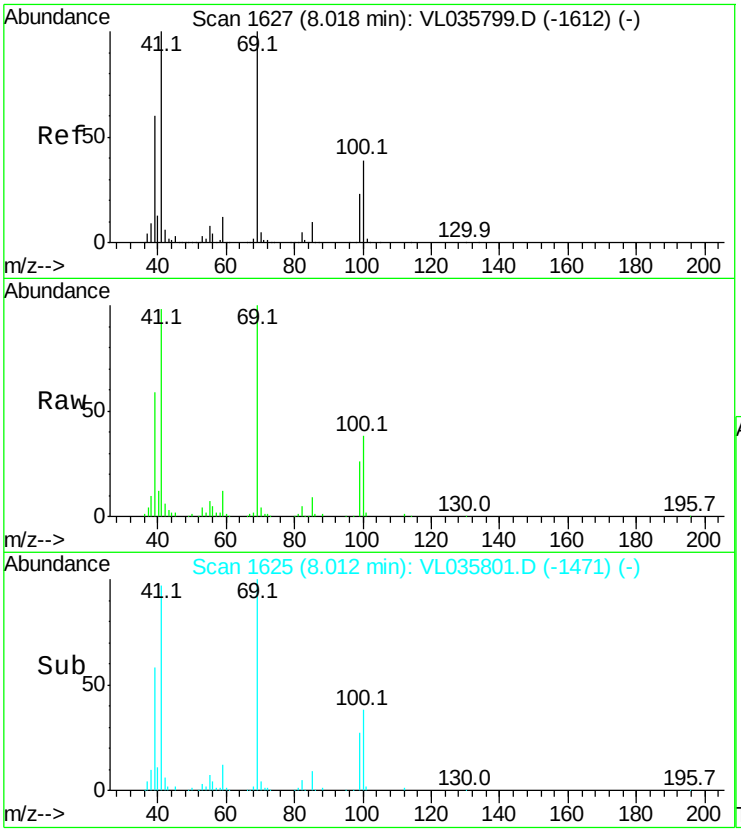


#42
Bromodichloromethane
Concen: 1.063 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 83 Resp: 320694

Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.1	79.7
127	8.1	7.3	10.9



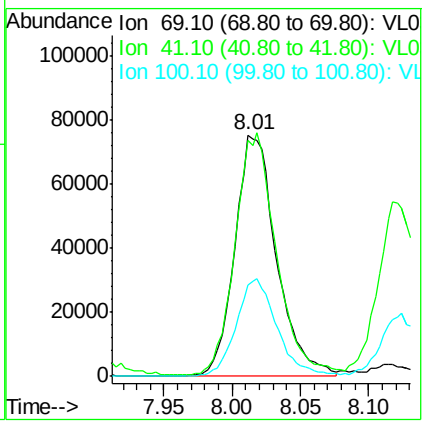


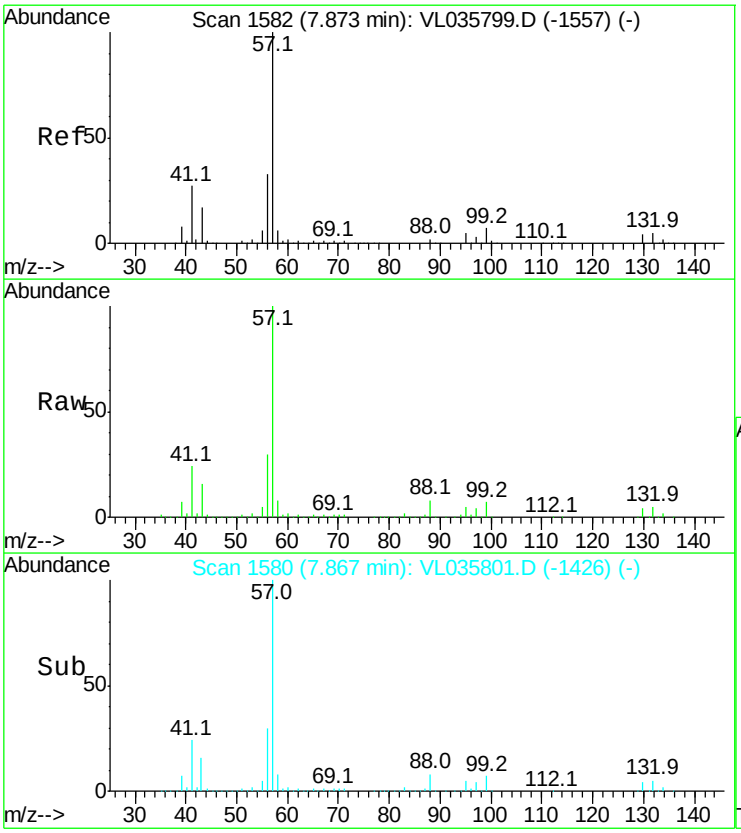
#43
Methyl Methacrylate
Concen: 1.120 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 160097

Ion	Ratio	Lower	Upper
69	100		
41	100.5	81.1	121.7
100	39.6	31.0	46.4

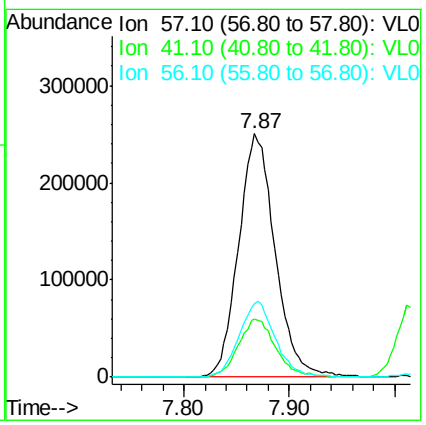


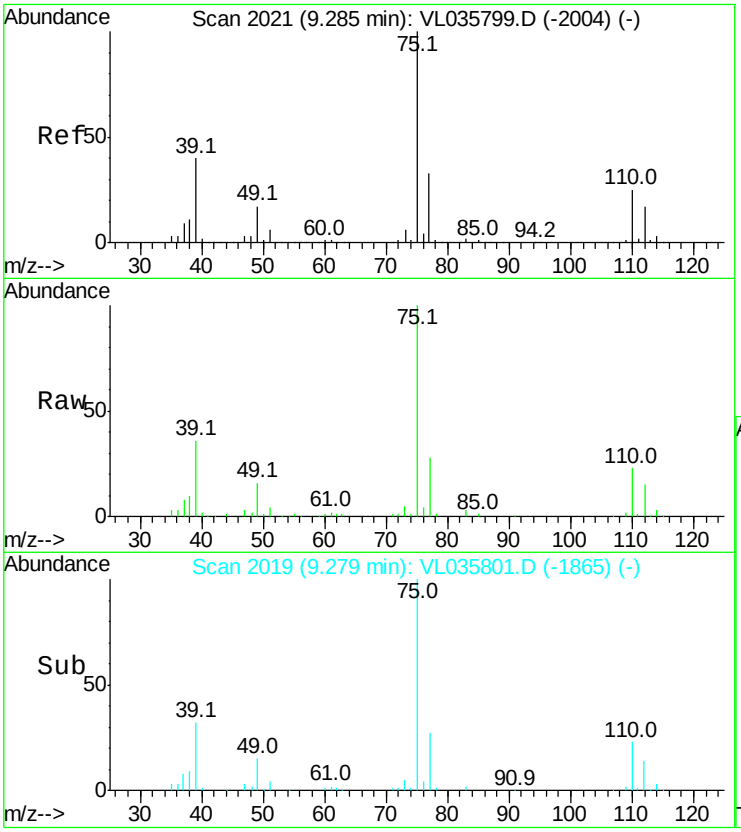


#44
2,2,4-Trimethylpentane
Concen: 1.170 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 57 Resp: 603568

Ion	Ratio	Lower	Upper
57	100		
41	24.5	21.0	31.4
56	30.9	25.4	38.0



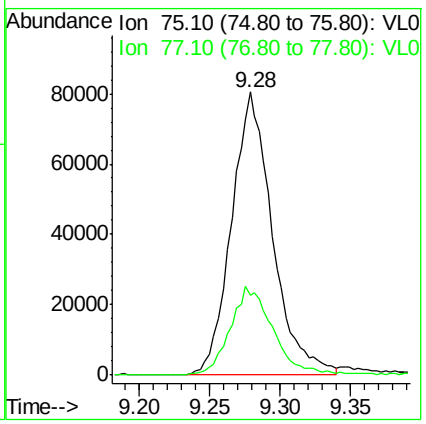


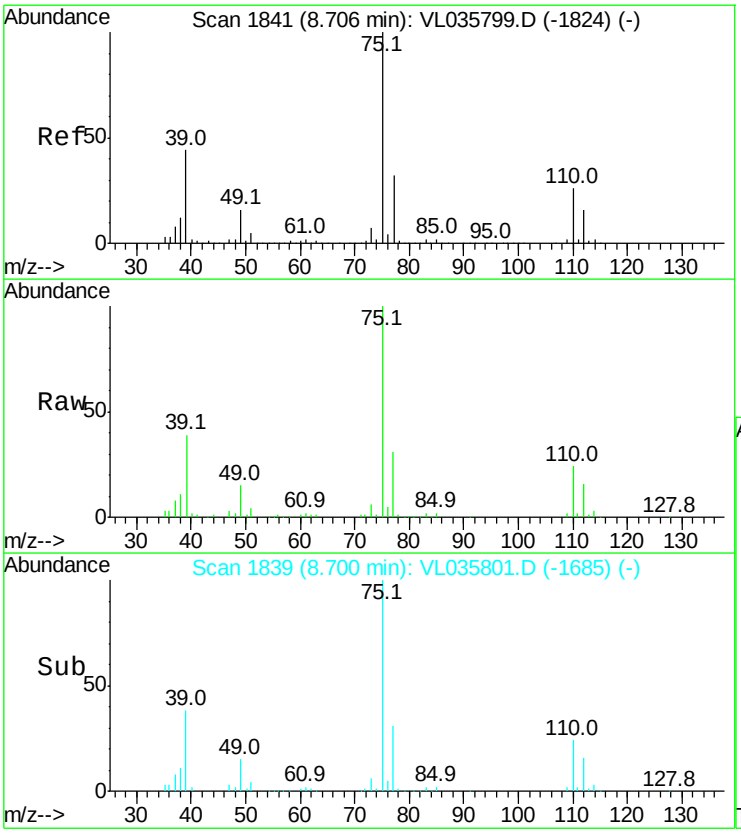
#45
t-1,3-Dichloropropene
Concen: 1.135 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 163767

Ion	Ratio	Lower	Upper
75	100		
77	28.0	26.4	39.6

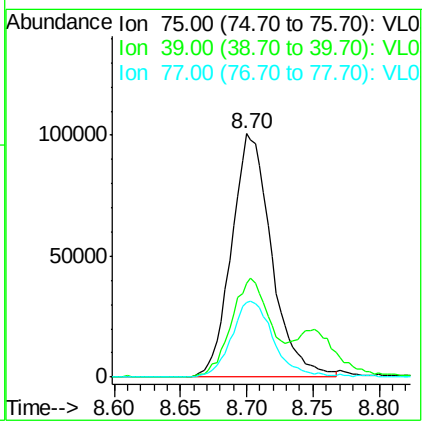


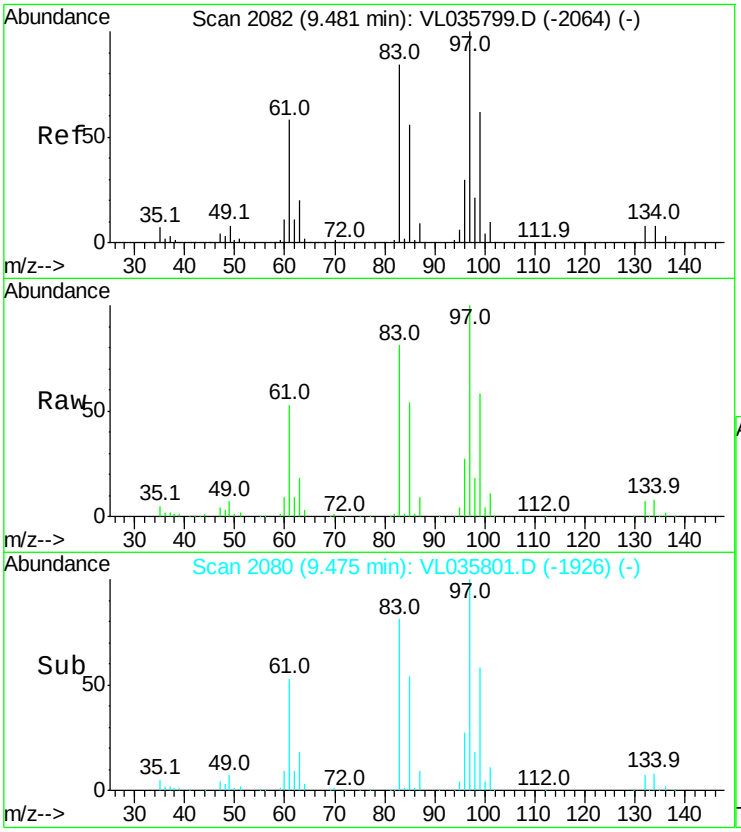


#46
cis-1,3-Dichloropropene
Concen: 1.188 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 75 Resp: 211429

Ion	Ratio	Lower	Upper
75	100		
39	38.3	35.1	52.7
77	30.3	25.7	38.5



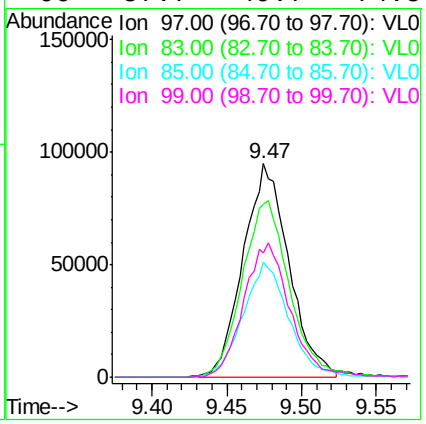


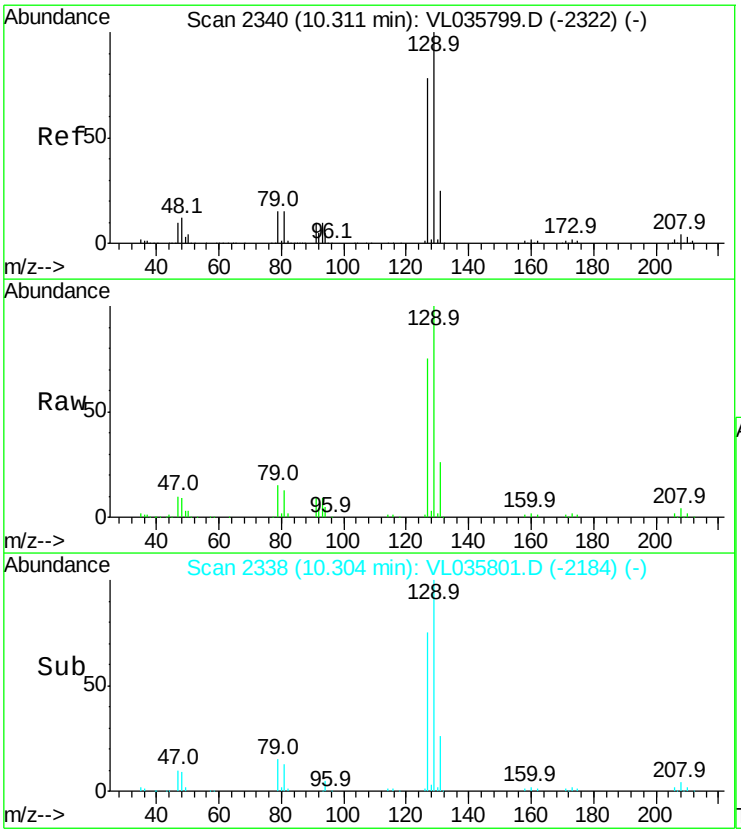
#47
1,1,2-Trichloroethane
Concen: 1.082 ppbv
RT: 9.47 min Scan# 2080
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 201957

Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.1	100.7
85	54.0	44.7	67.1
99	57.7	49.7	74.5

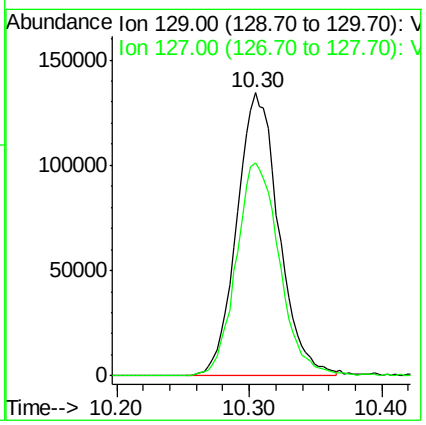


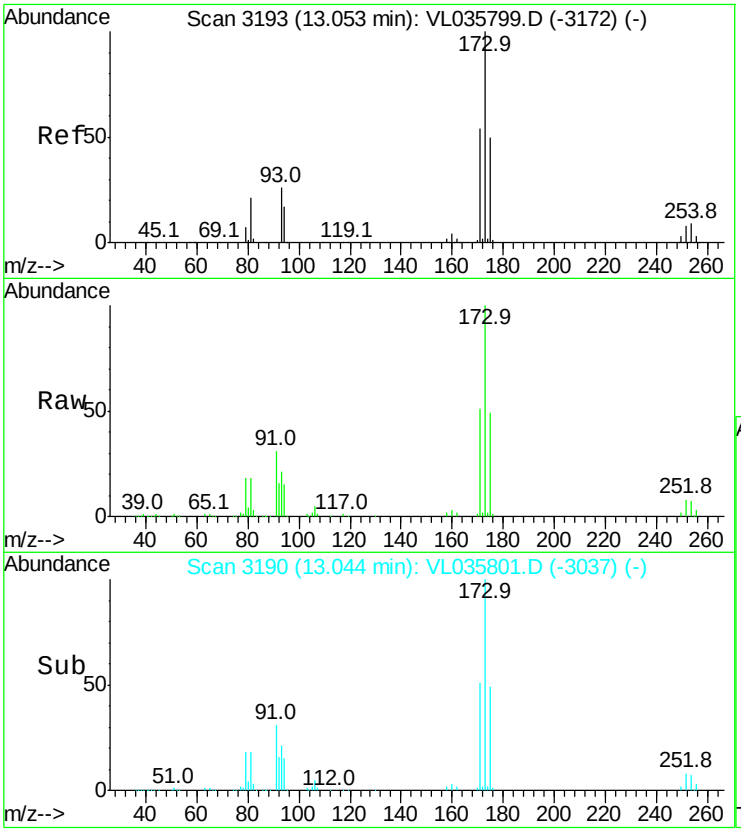


#48
Dibromochloromethane
Concen: 1.044 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:129 Resp: 296600

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.2	117.6



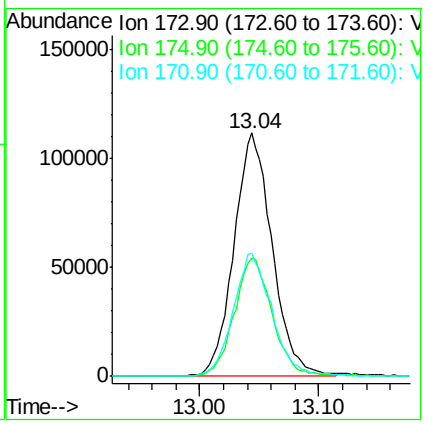


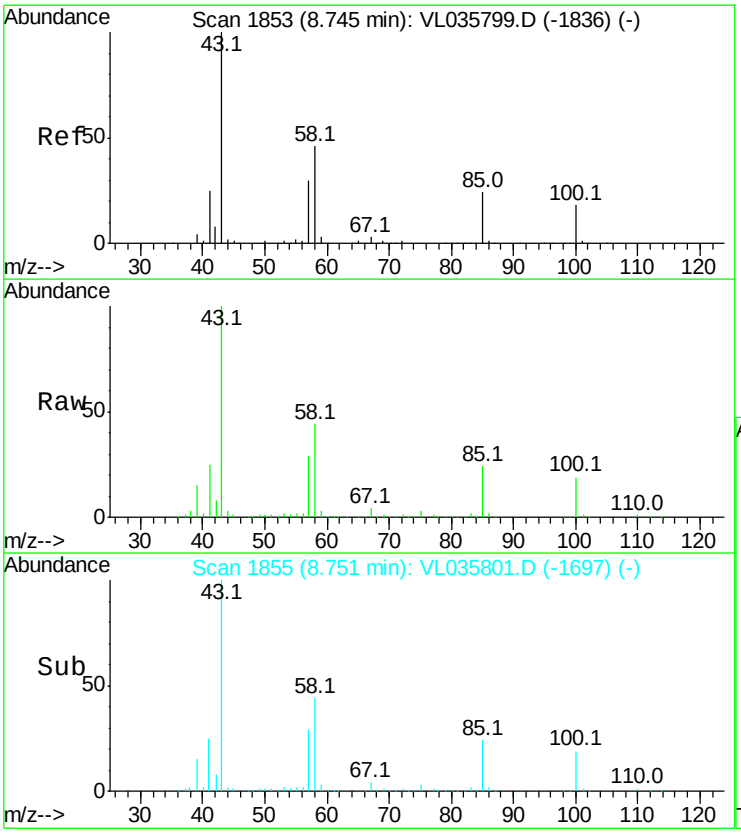
#49
Bromoform
Concen: 1.032 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 248693

Ion	Ratio	Lower	Upper
173	100		
175	48.9	40.1	60.1
171	51.2	42.6	63.8

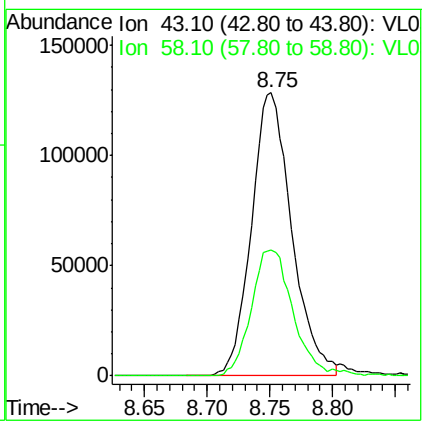


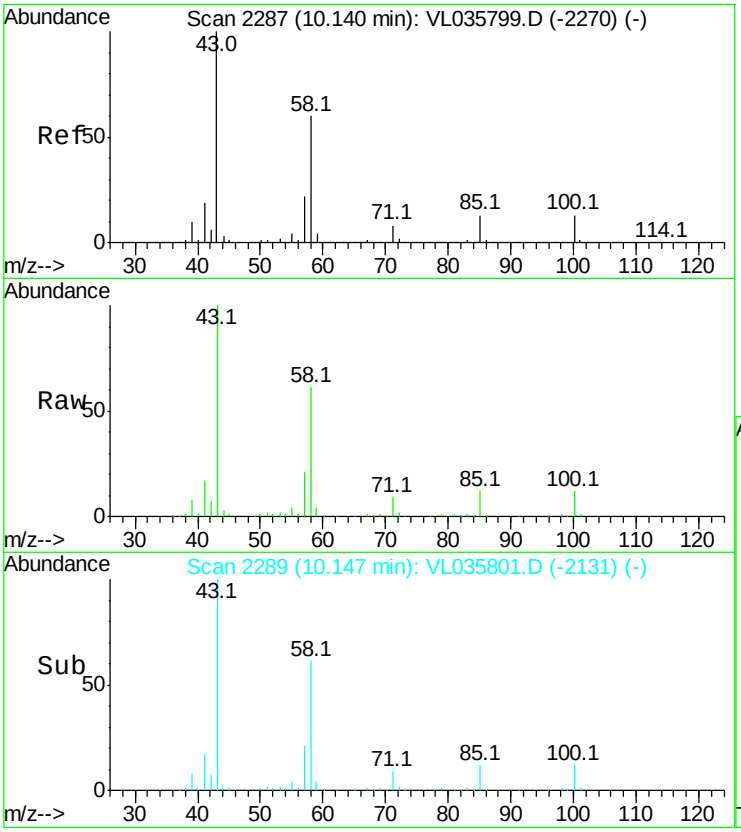


#50
4-Methyl-2-Pentanone
Concen: 1.081 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 43 Resp: 288112

Ion	Ratio	Lower	Upper
43	100		
58	46.6	36.0	54.0



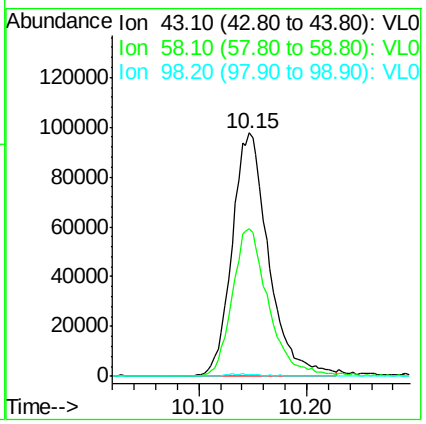


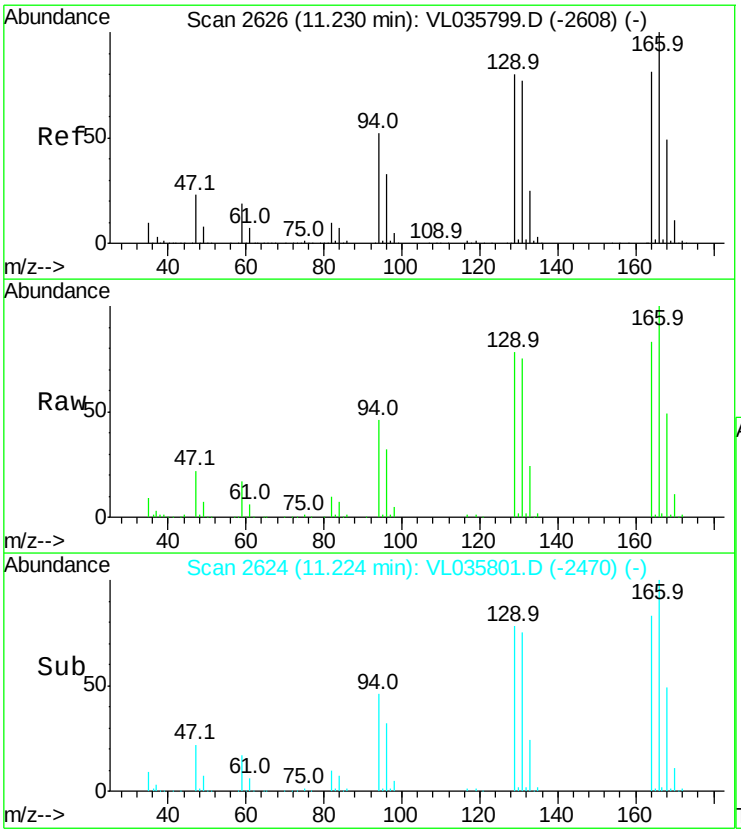
#51
2-Hexanone
Concen: 1.077 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 231328

Ion	Ratio	Lower	Upper
43	100		
58	60.4	48.3	72.5
98	1.1	0.6	0.8#

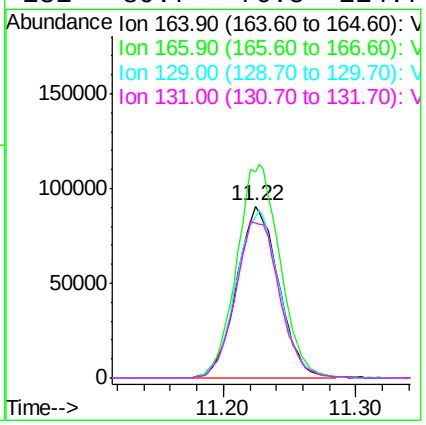


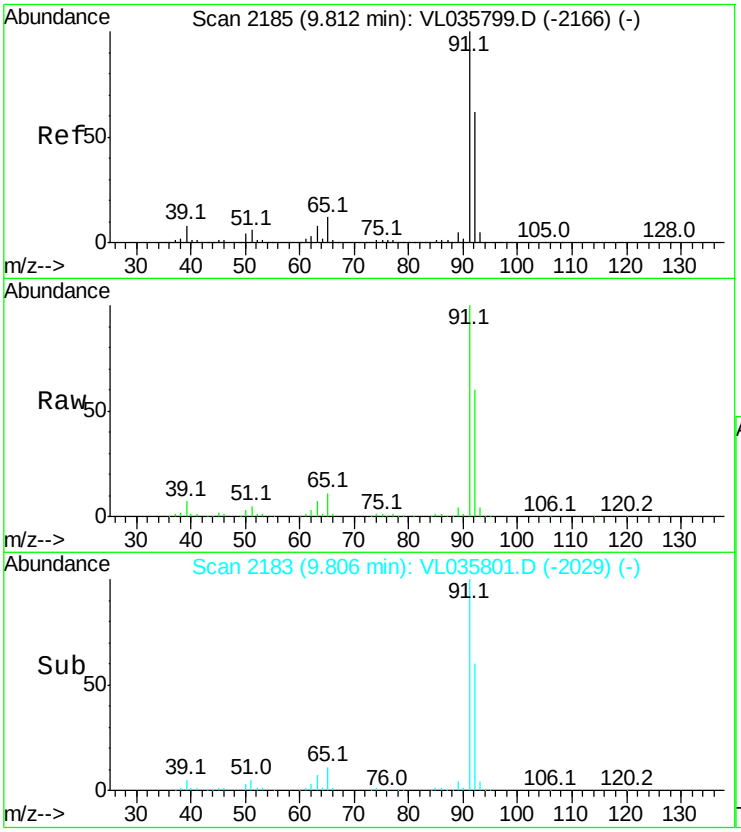


#52
Tetrachloroethene
Concen: 1.154 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:164 Resp: 199421

Ion	Ratio	Lower	Upper
164	100		
166	120.1	99.3	148.9
129	93.5	79.3	118.9
131	89.7	76.5	114.7



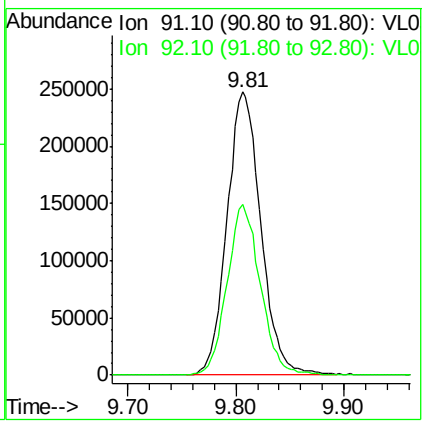


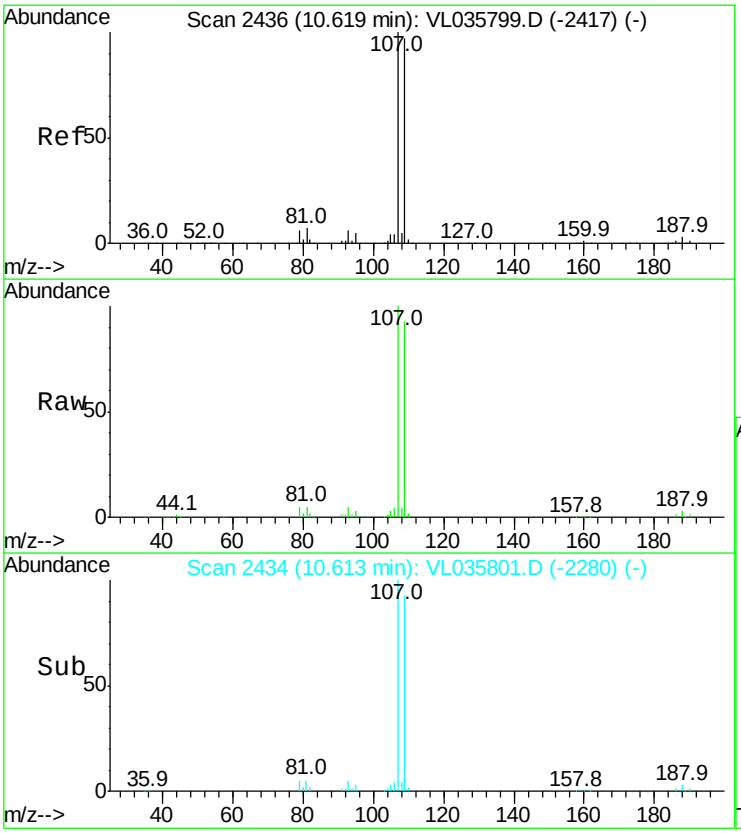
#53
Toluene
Concen: 1.278 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 541661

Ion	Ratio	Lower	Upper
91	100		
92	59.5	49.8	74.6

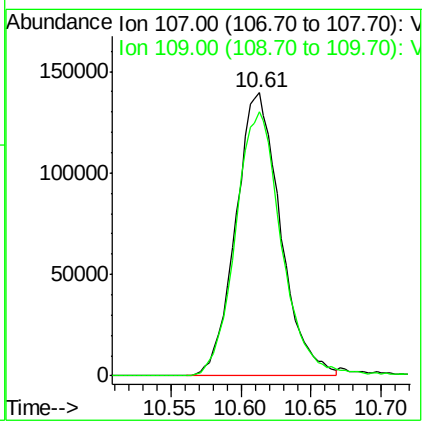


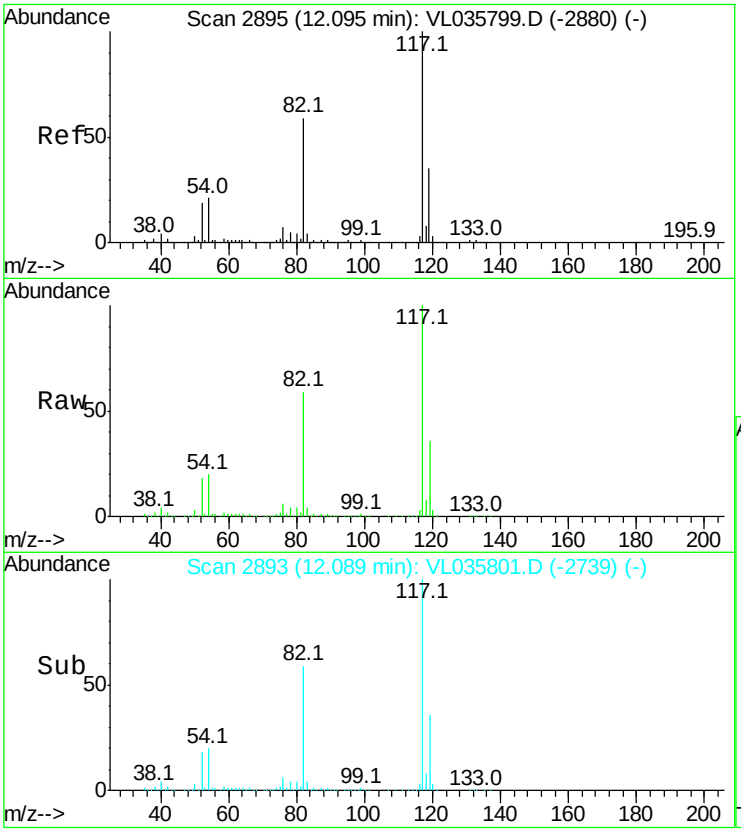


#54
1,2-Dibromoethane
Concen: 1.109 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:107 Resp: 309970

Ion	Ratio	Lower	Upper
107	100		
109	93.1	77.2	115.8



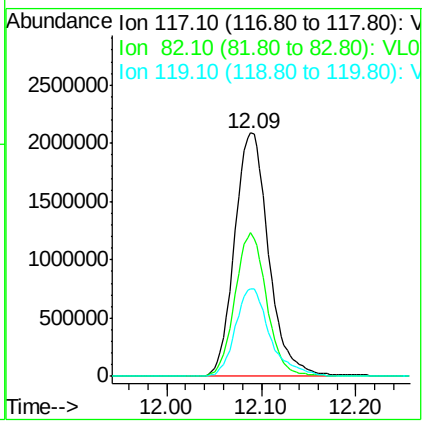


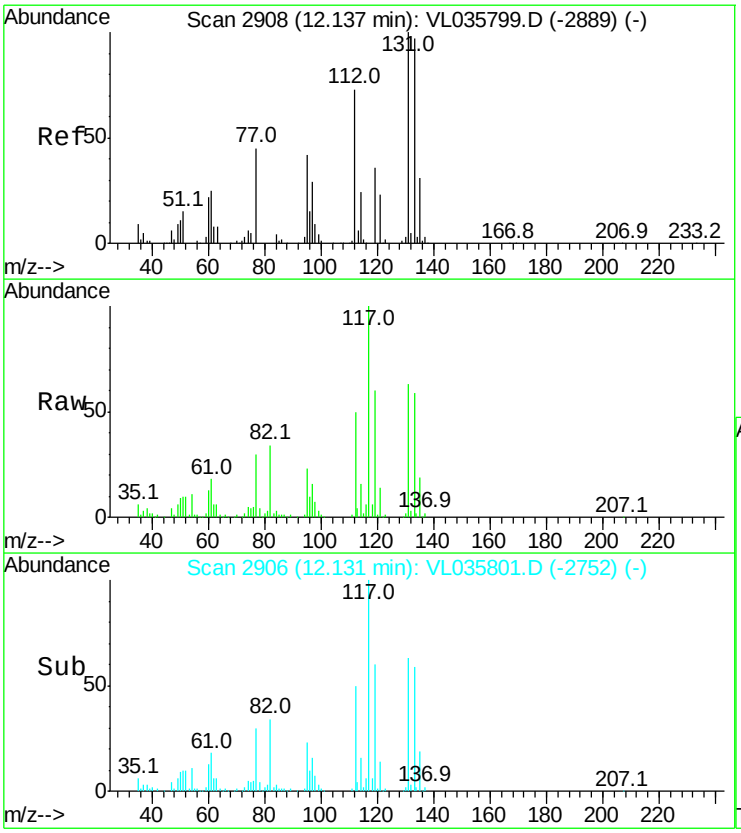
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 5230015

Ion	Ratio	Lower	Upper
117	100		
82	55.5	50.6	76.0
119	37.1	52.6	78.8#

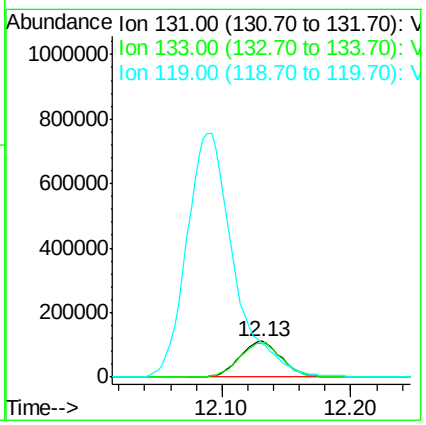


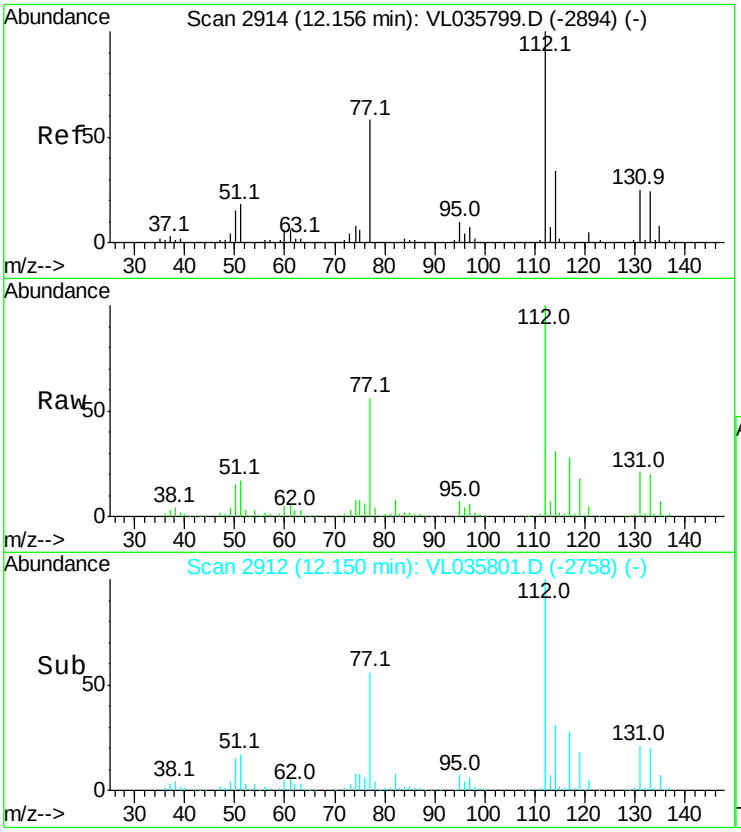


#56
1,1,1,2-Tetrachloroethane
Concen: 1.145 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:131 Resp: 251194

Ion	Ratio	Lower	Upper
131	100		
133	96.9	76.8	115.2
119	772.4	47.4	71.0#



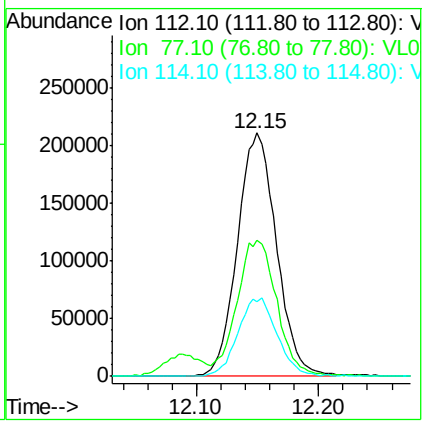


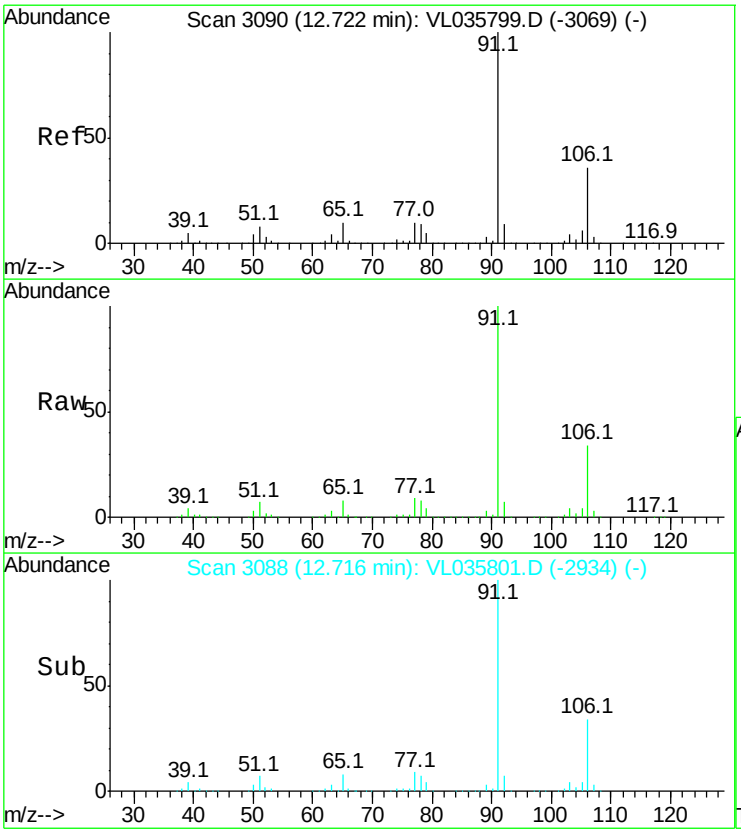
#57
Chlorobenzene
Concen: 1.183 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 467297

Ion	Ratio	Lower	Upper
112	100		
77	55.3	47.5	71.3
114	30.6	30.3	37.1

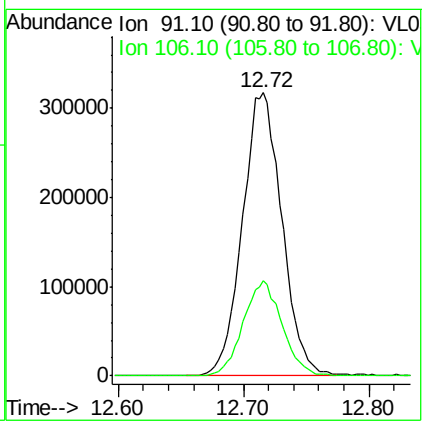


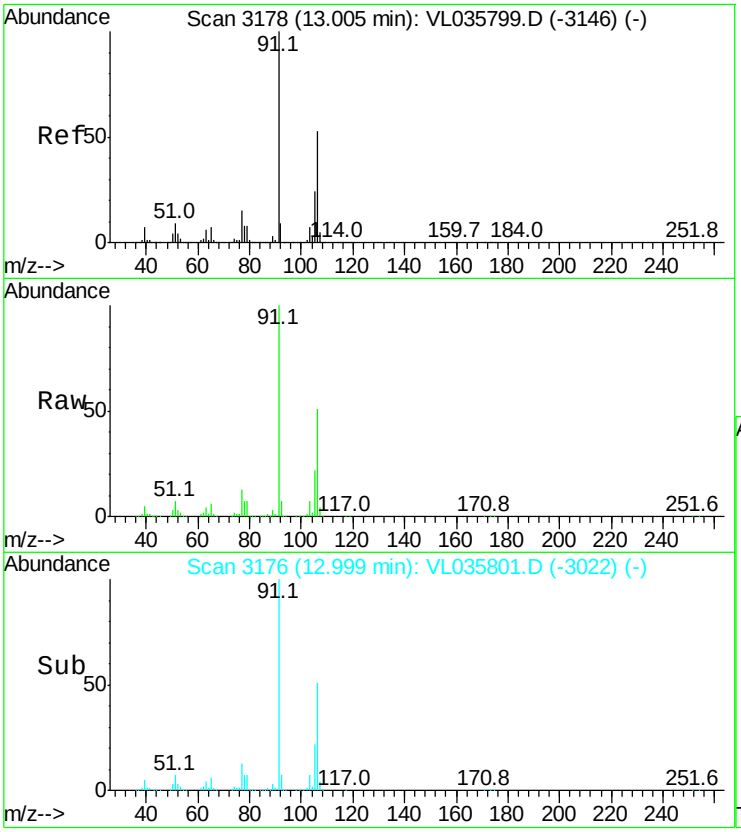


#58
Ethyl Benzene
Concen: 1.323 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 91 Resp: 694597

Ion	Ratio	Lower	Upper
91	100		
106	33.9	28.6	43.0



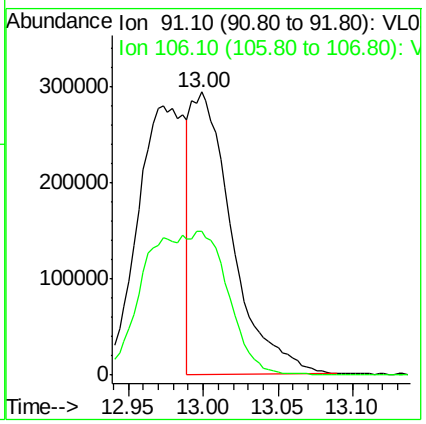


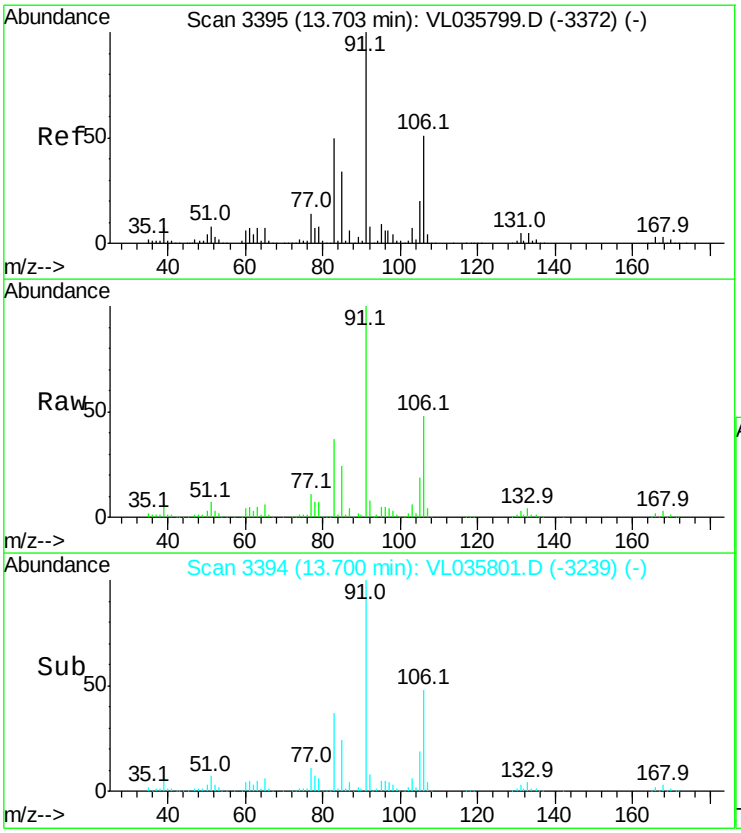
#59
m/p-Xylene
Concen: 1.221 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 559760

Ion	Ratio	Lower	Upper
91	100		
106	104.3	39.5	59.3#

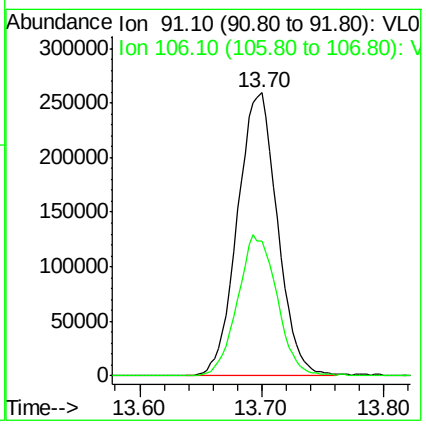


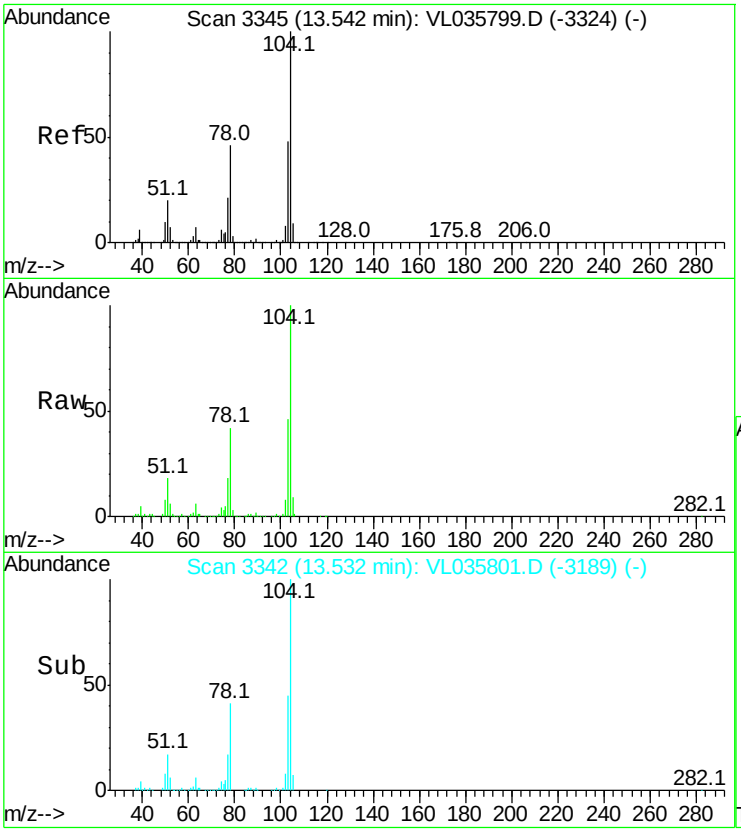


#60
o-Xylene
Concen: 1.256 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 91 Resp: 582413

Ion	Ratio	Lower	Upper
91	100		
106	49.6	24.8	74.4



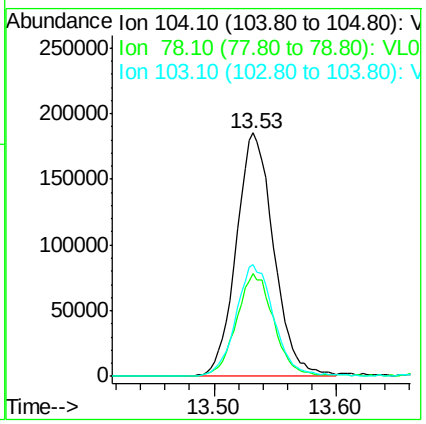


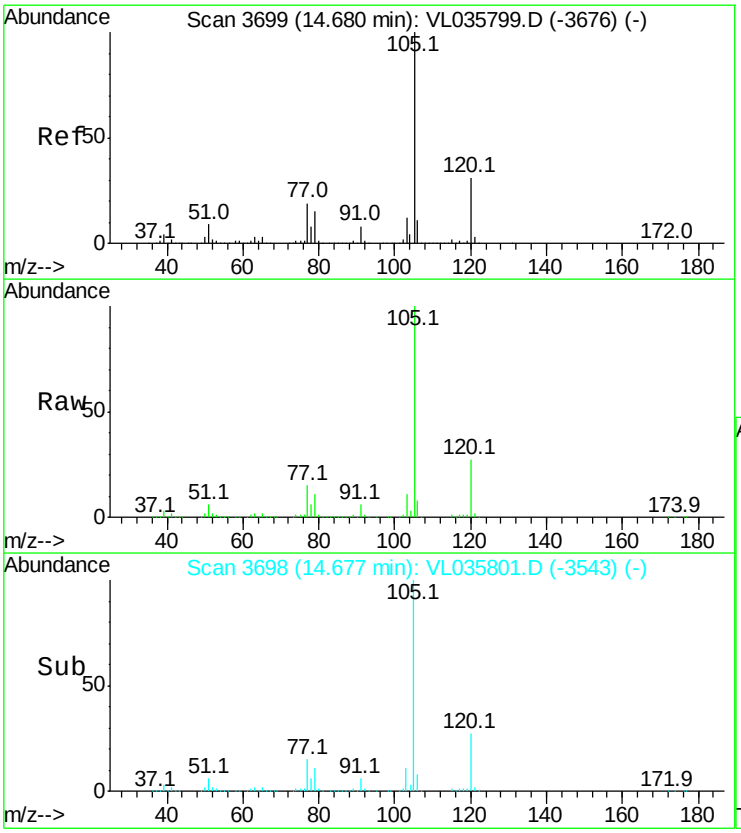
#61
Styrene
Concen: 1.226 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 393221

Ion	Ratio	Lower	Upper
104	100		
78	42.2	37.1	55.7
103	46.9	37.9	56.9

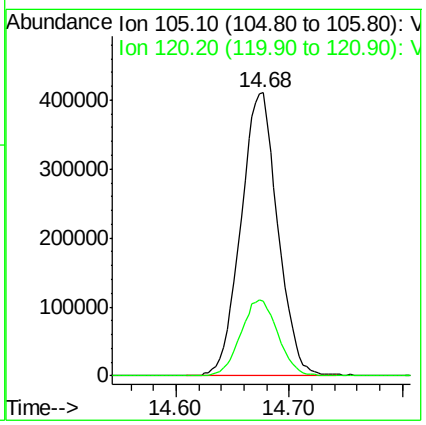


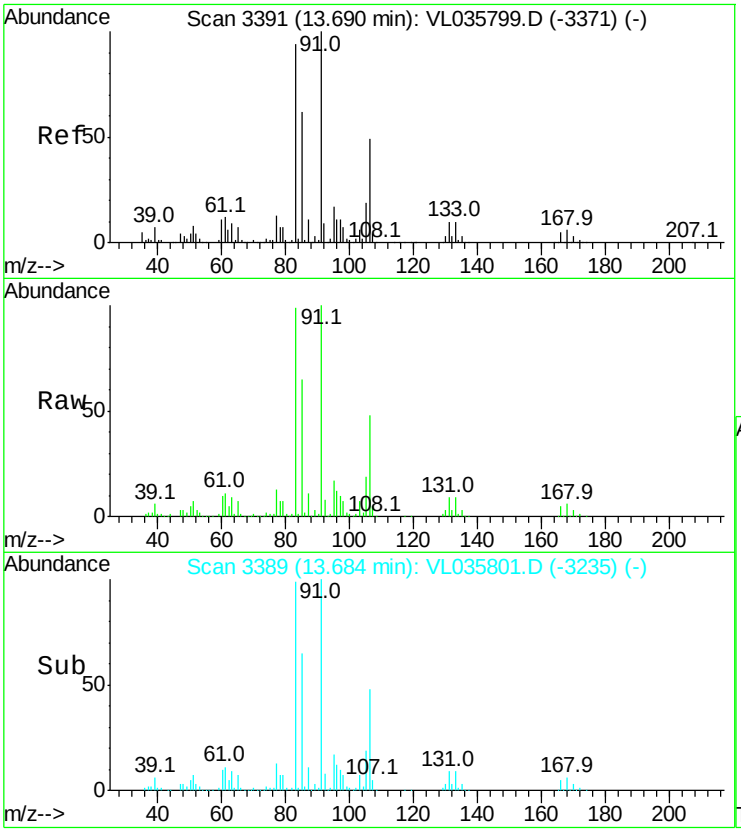


#62
Isopropylbenzene
Concen: 1.294 ppbv
RT: 14.68 min Scan# 3698
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:105 Resp: 930536

Ion	Ratio	Lower	Upper
105	100		
120	27.3	23.5	35.3



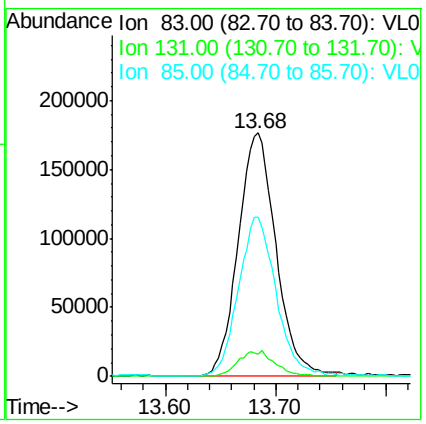


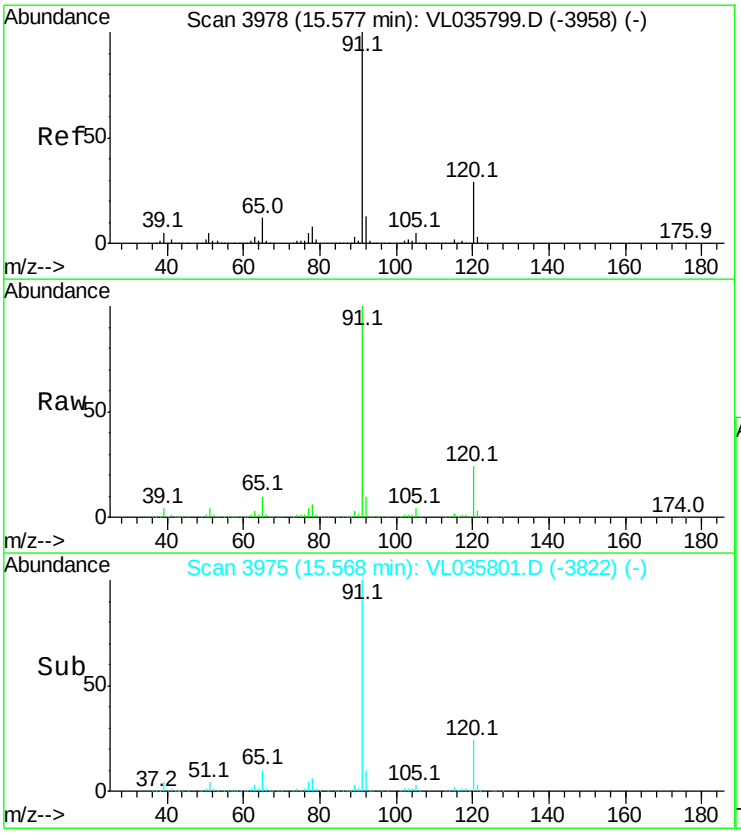
#63
1,1,2,2-Tetrachloroethane
Concen: 1.104 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 419782

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	66.3	33.5	100.4

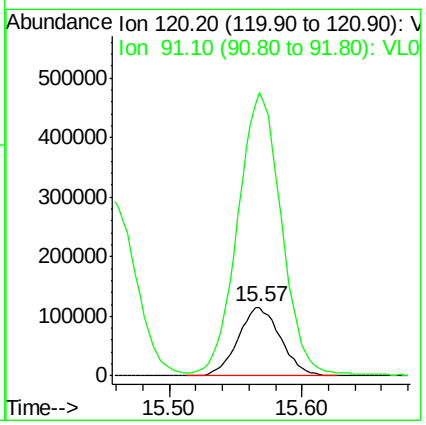


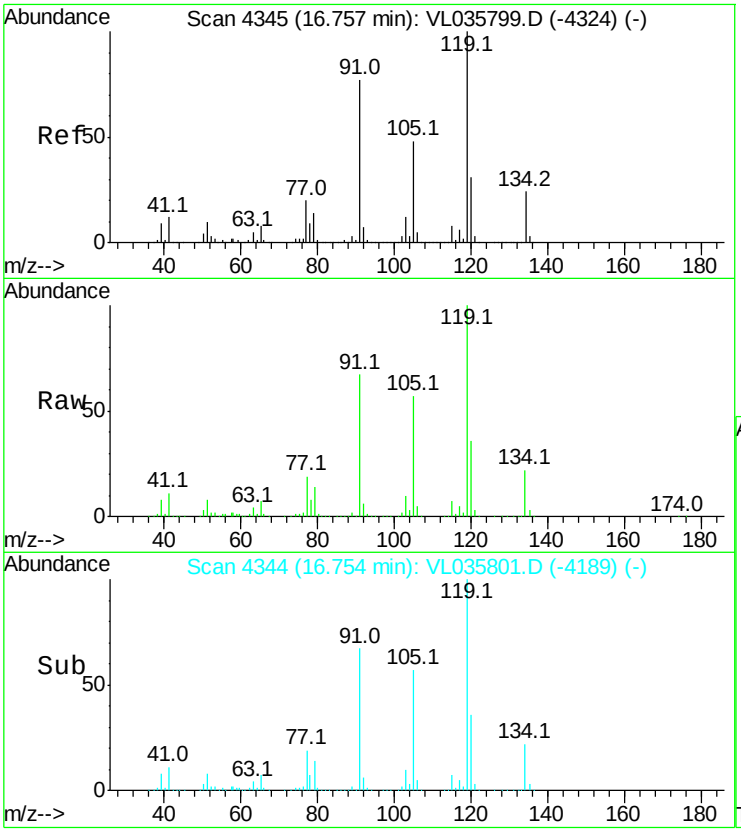


#64
n-propylbenzene
Concen: 1.222 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:120 Resp: 257268

Ion	Ratio	Lower	Upper
120	100		
91	425.1	311.1	466.7



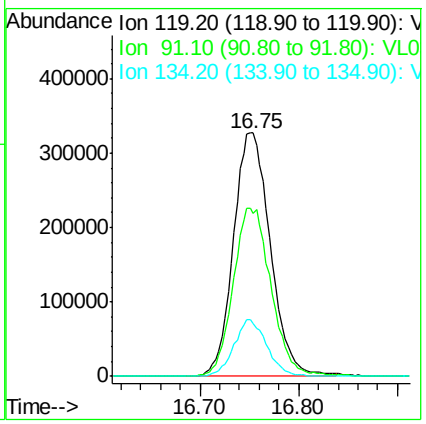


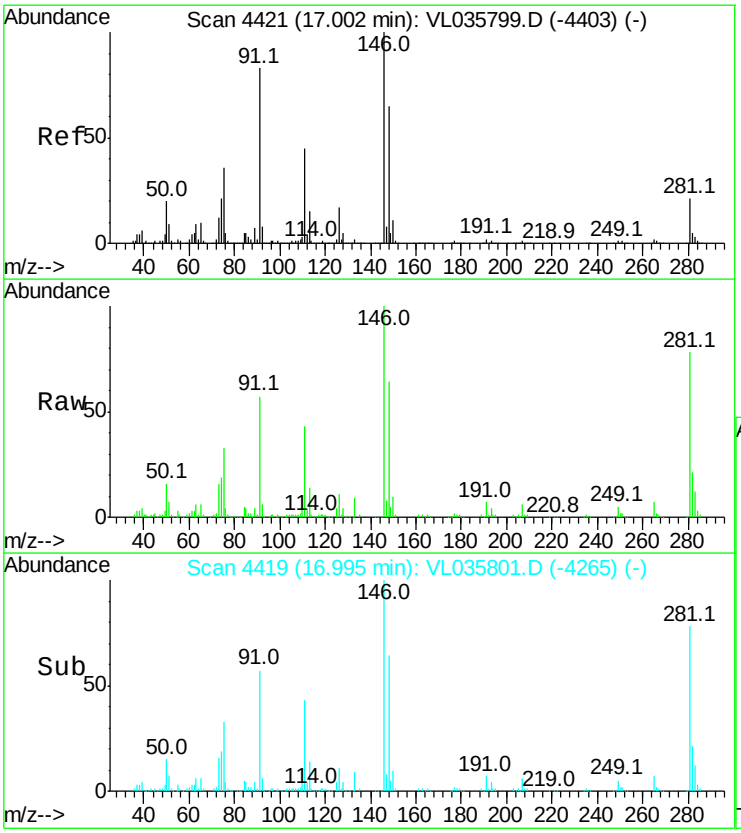
#65
tert-Butylbenzene
Concen: 1.297 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 848214

Ion	Ratio	Lower	Upper
119	100		
91	70.9	62.0	93.0
134	21.0	17.8	26.8

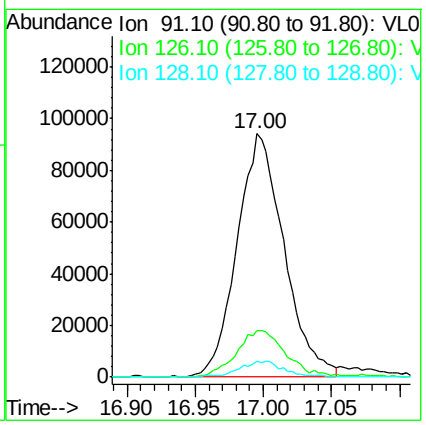


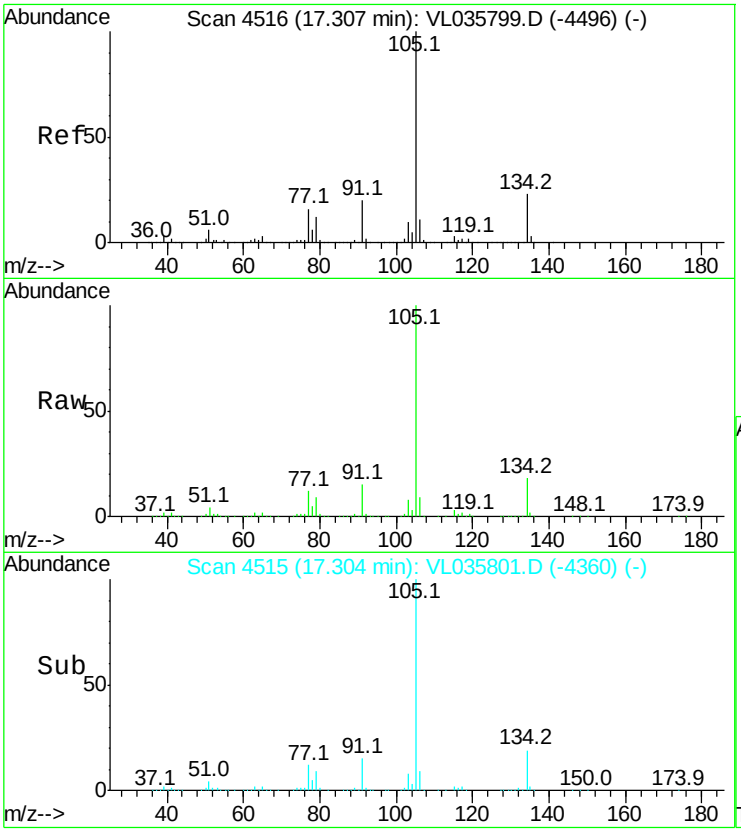


#66
Benzyl Chloride
Concen: 1.124 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 91 Resp: 222779

Ion	Ratio	Lower	Upper
91	100		
126	21.0	16.0	24.0
128	6.5	5.0	7.4



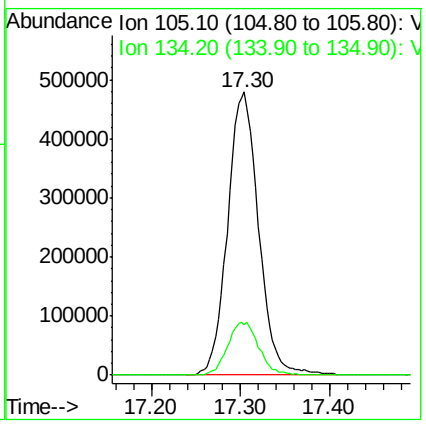


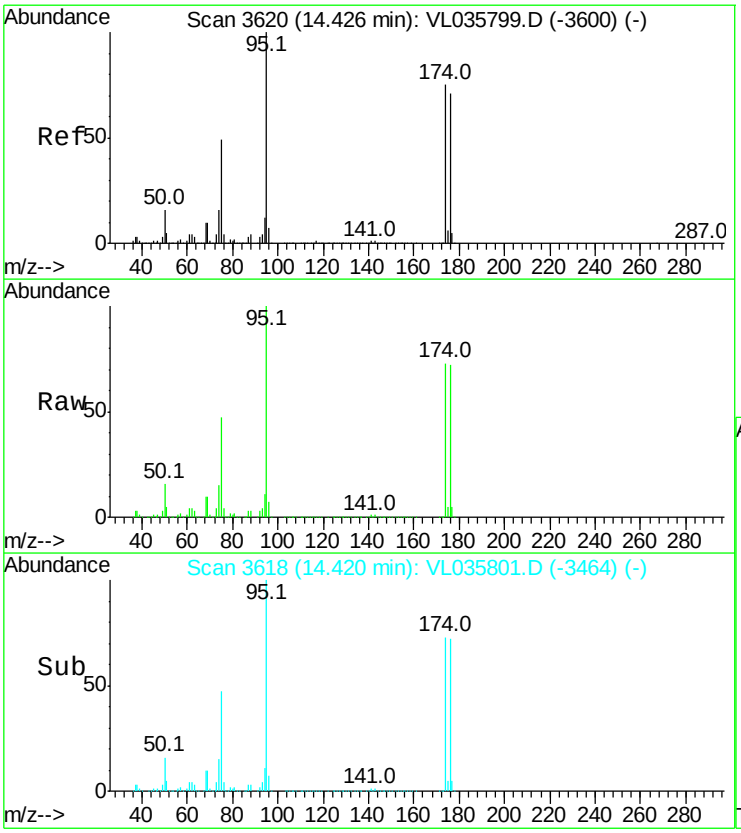
#67
sec-Butylbenzene
Concen: 1.274 ppbv
RT: 17.30 min Scan# 4515
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 1150747

Ion	Ratio	Lower	Upper
105	100		
134	19.1	17.0	25.6

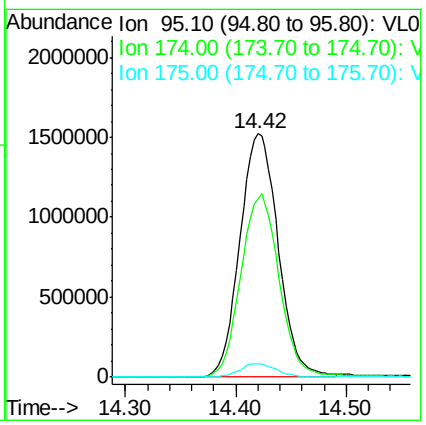


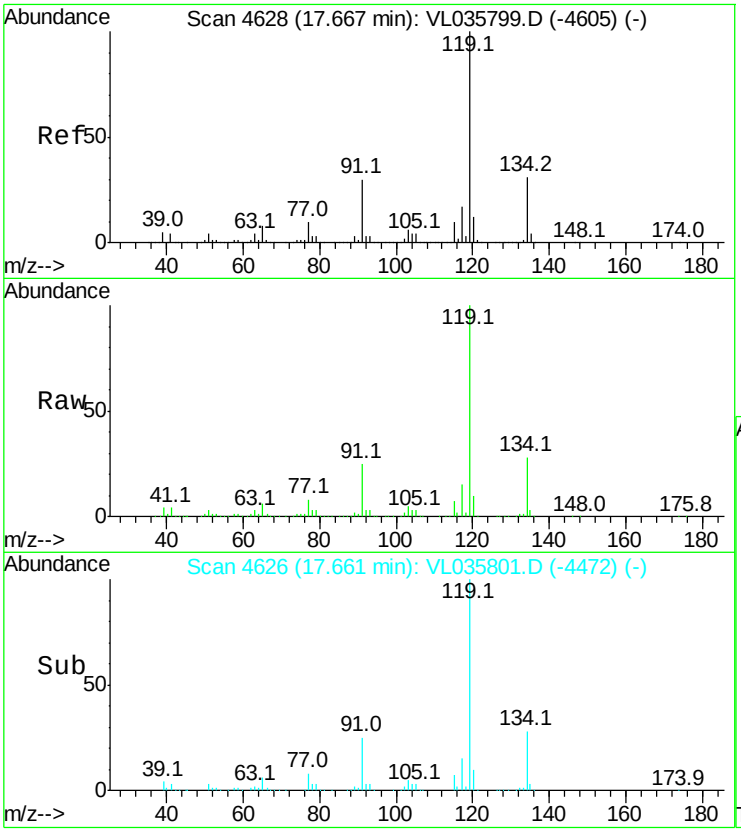


#68
1-Bromo-4-Fluorobenzene
Concen: 9.352 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 95 Resp: 3665123

Ion	Ratio	Lower	Upper
95	100		
174	76.4	59.8	89.6
175	5.4	4.3	6.5



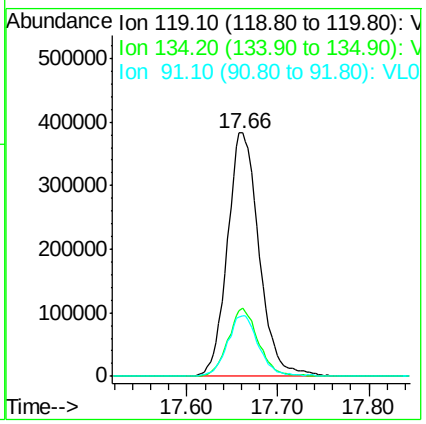


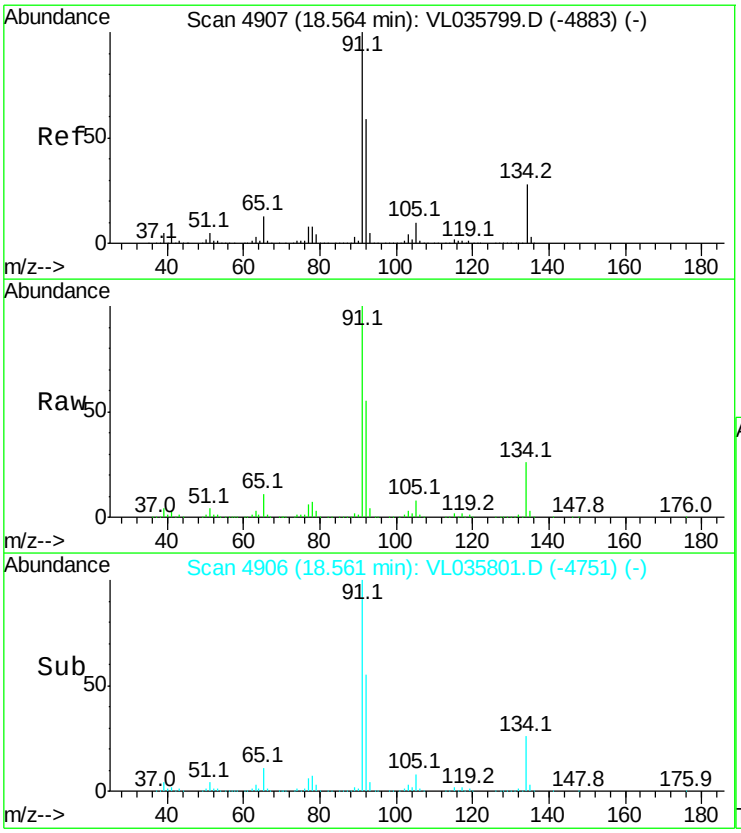
#69
p-Isopropyltoluene
Concen: 1.256 ppbv
RT: 17.66 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 922878

Ion	Ratio	Lower	Upper
119	100		
134	26.8	23.0	34.6
91	24.7	22.8	34.2

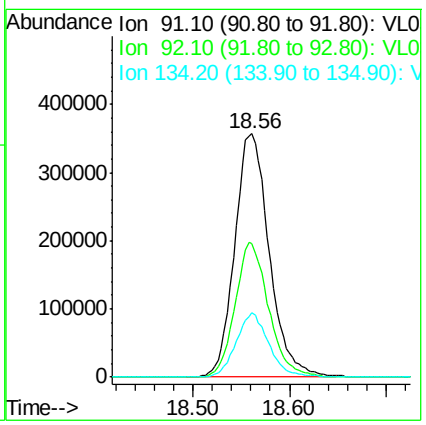


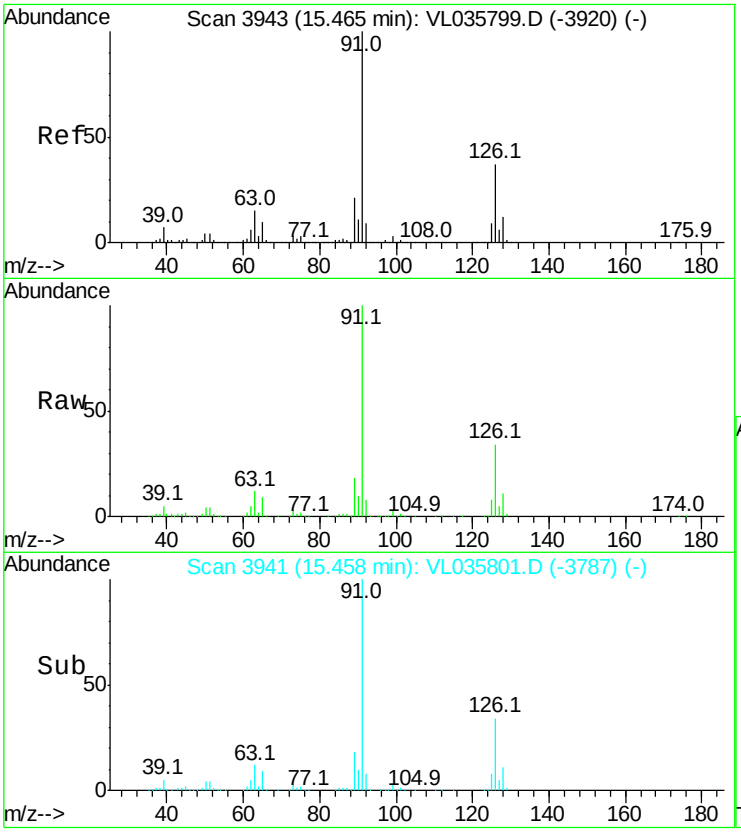


#70
n-Butylbenzene
Concen: 1.167 ppbv
RT: 18.56 min Scan# 4906
Delta R.T. -0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion: 91 Resp: 883296

Ion	Ratio	Lower	Upper
91	100		
92	53.9	45.7	68.5
134	25.2	21.0	31.4



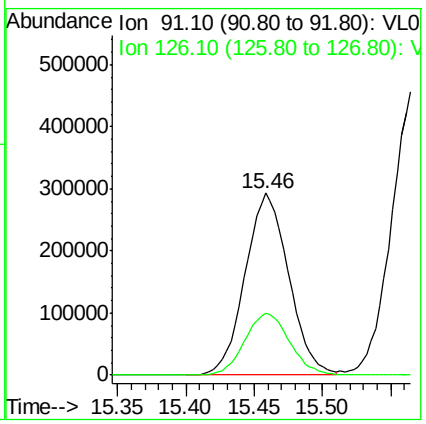


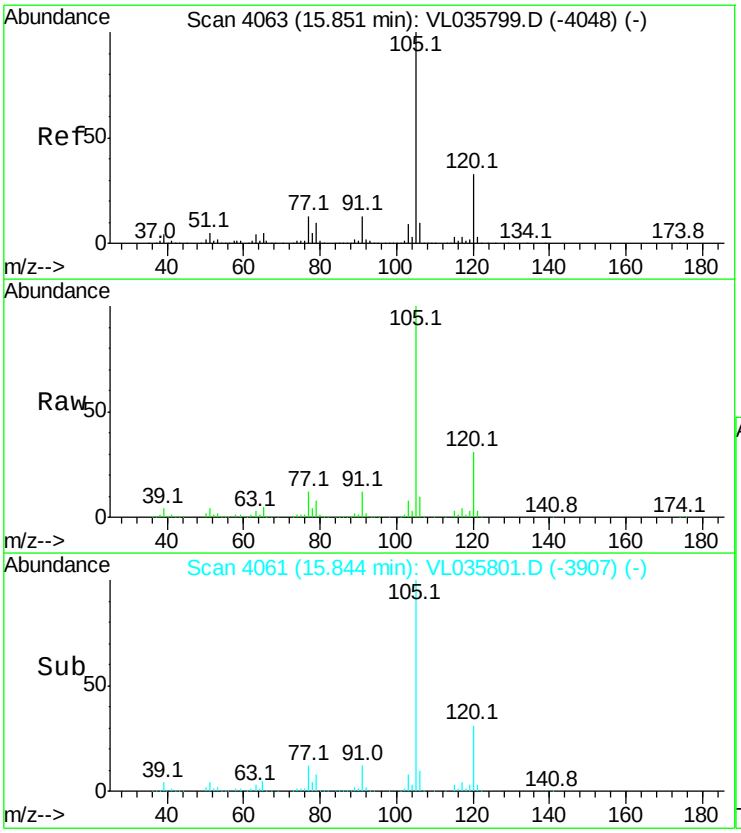
#71
2-Chlorotoluene
Concen: 1.240 ppbv
RT: 15.46 min Scan# 3941
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 650821

Ion	Ratio	Lower	Upper
91	100		
126	35.0	14.3	57.1

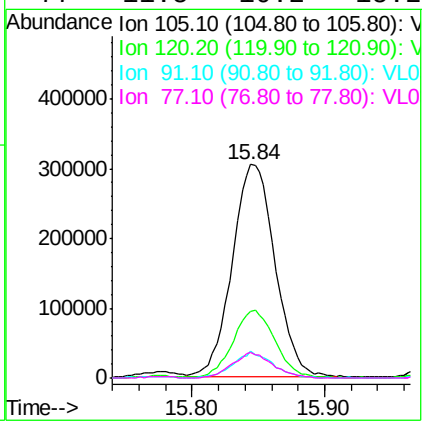


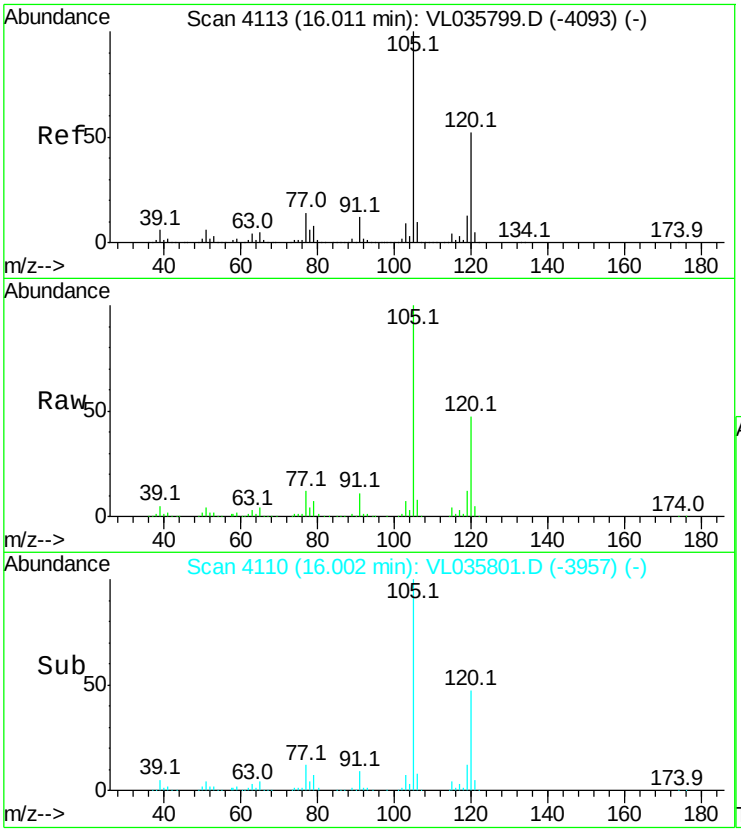


#72
4-Ethyltoluene
Concen: 1.239 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:105 Resp: 680601

Ion	Ratio	Lower	Upper
105	100		
120	31.8	25.9	38.9
91	11.3	9.9	14.9
77	11.5	10.2	15.2



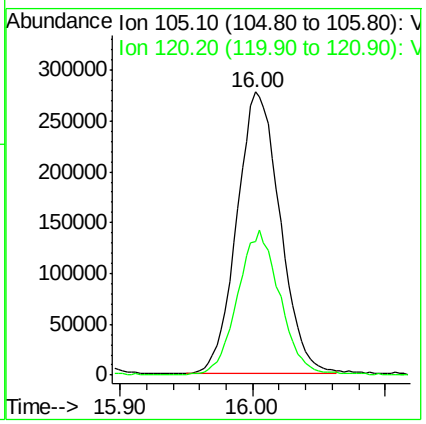


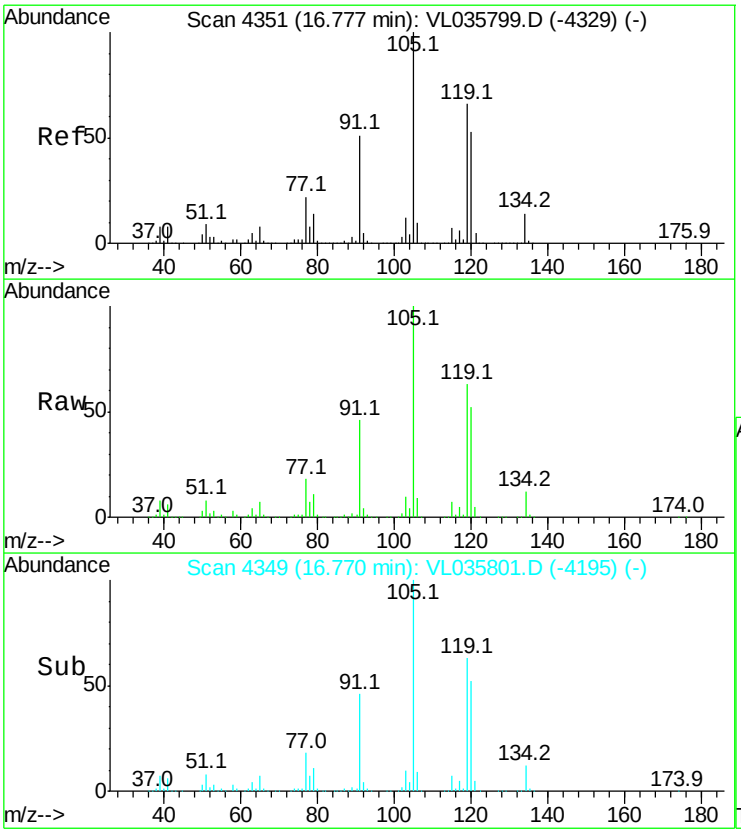
#73
1,3,5-Trimethylbenzene
Concen: 1.214 ppbv
RT: 16.00 min Scan# 4110
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 630456

Ion	Ratio	Lower	Upper
105	100		
120	47.4	41.4	62.2

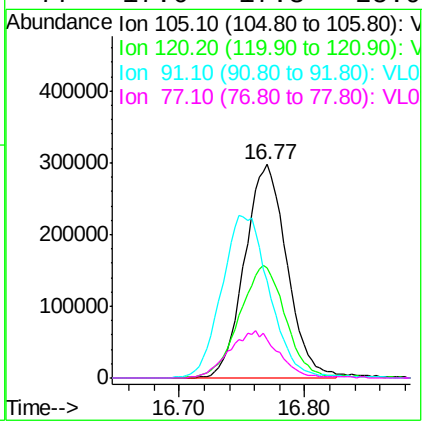


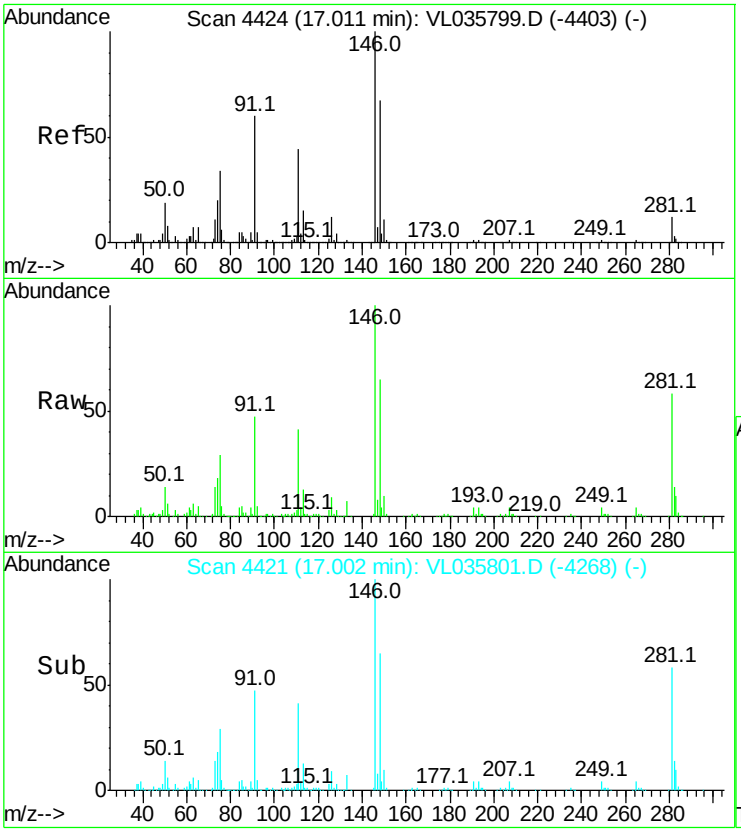


#74
1,2,4-Trimethylbenzene
Concen: 1.188 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:105 Resp: 695009

Ion	Ratio	Lower	Upper
105	100		
120	51.4	42.0	63.0
91	44.4	41.0	61.6
77	17.6	17.3	25.9



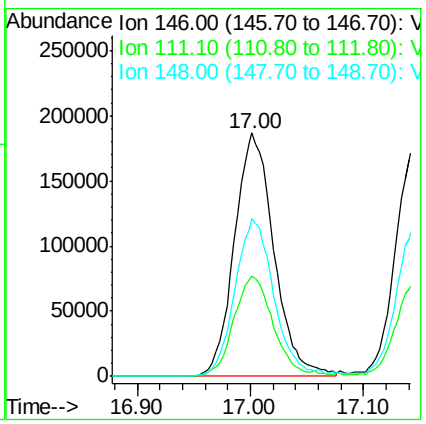


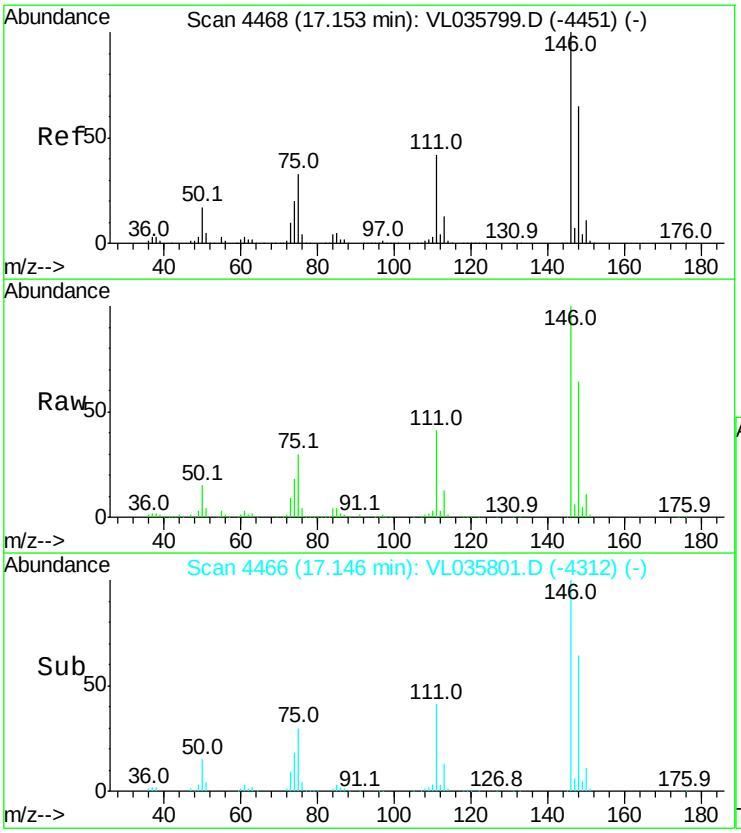
#75
1,3-Dichlorobenzene
Concen: 1.134 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 452952

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.8	65.4
148	64.3	32.5	97.5

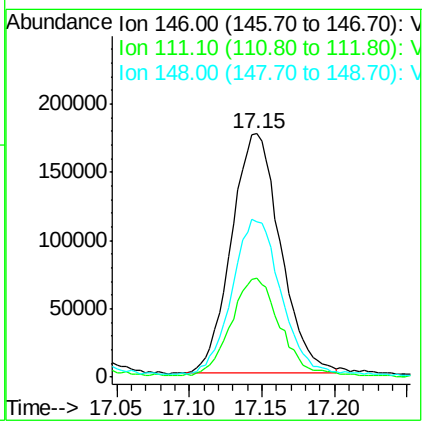


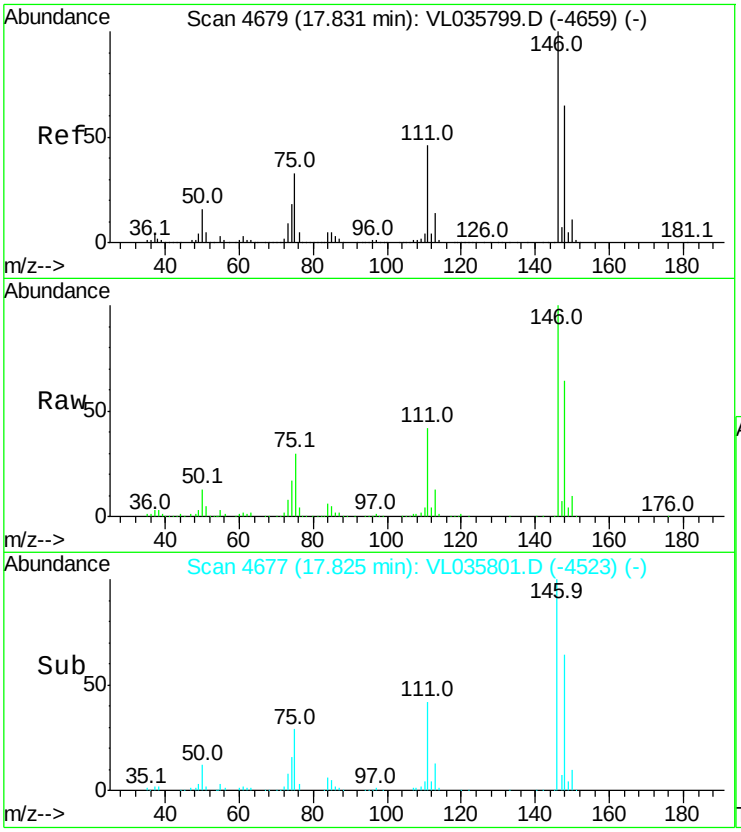


#76
1,4-Dichlorobenzene
Concen: 1.071 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:146 Resp: 409132

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	63.7
148	69.4	33.0	99.0



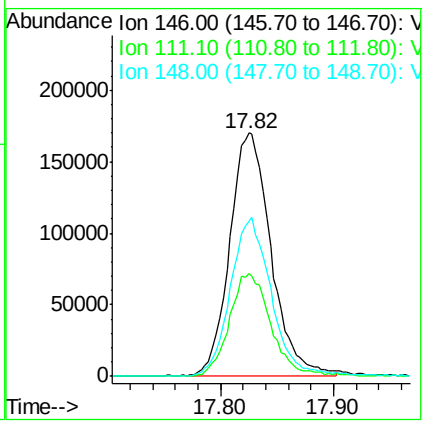


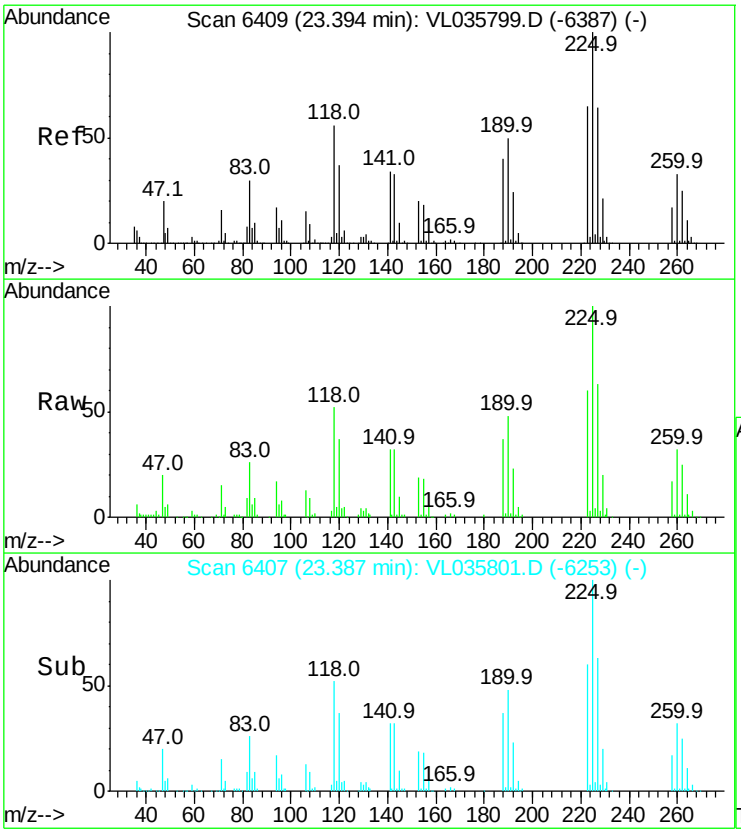
#77
1,2-Dichlorobenzene
Concen: 1.135 ppbv
RT: 17.82 min Scan# 4677
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 428394

Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.4	67.0
148	65.4	32.5	97.5

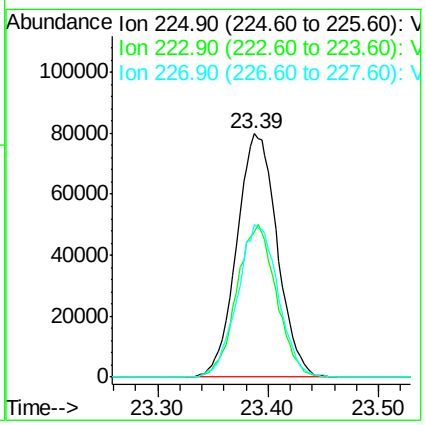


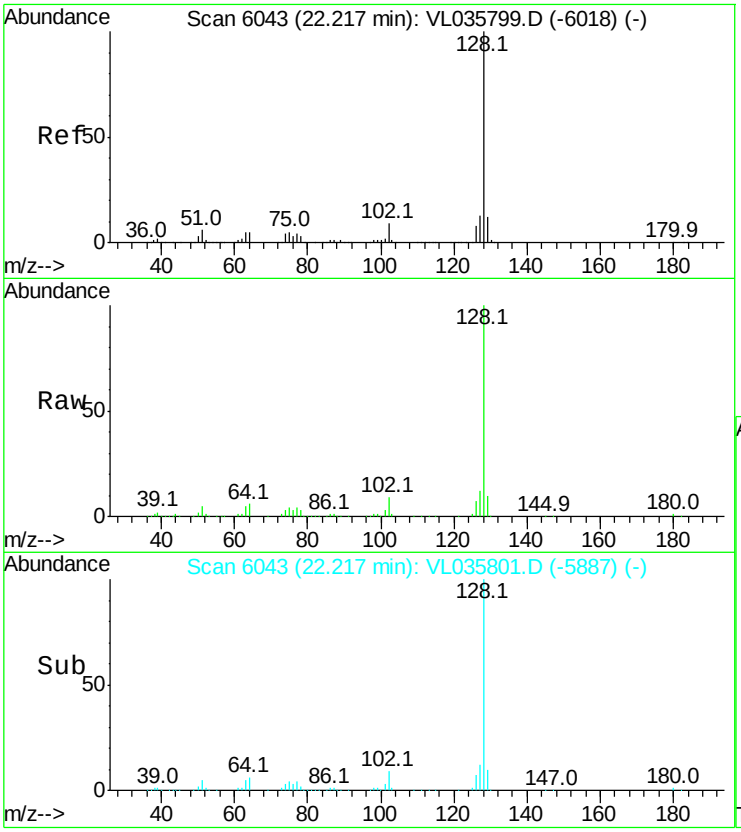


#78
Hexachloro-1,3-Butadiene
Concen: 0.974 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:225 Resp: 202792

Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	63.2	51.2	76.8



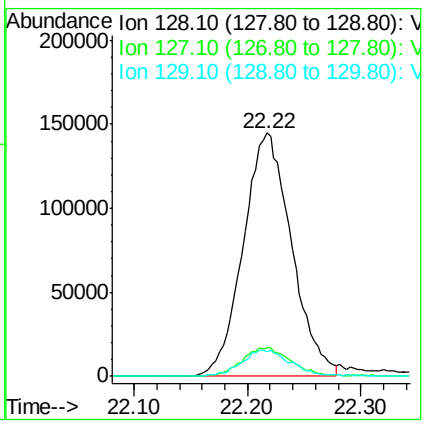


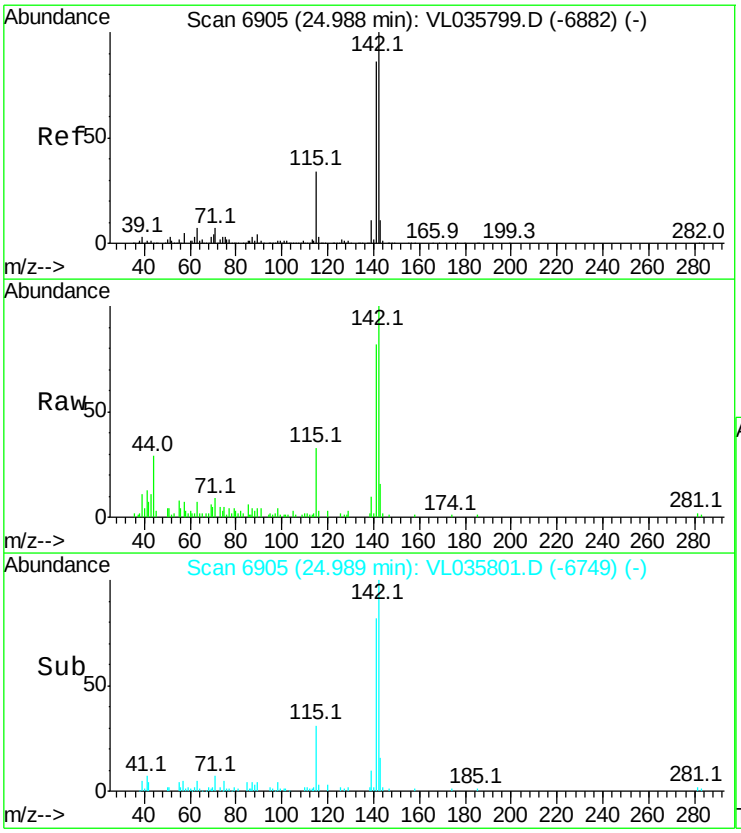
#79
Naphthalene
Concen: 0.771 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 430195

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	10.3	9.2	13.8

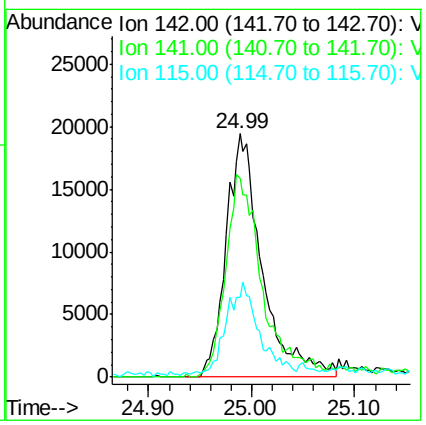


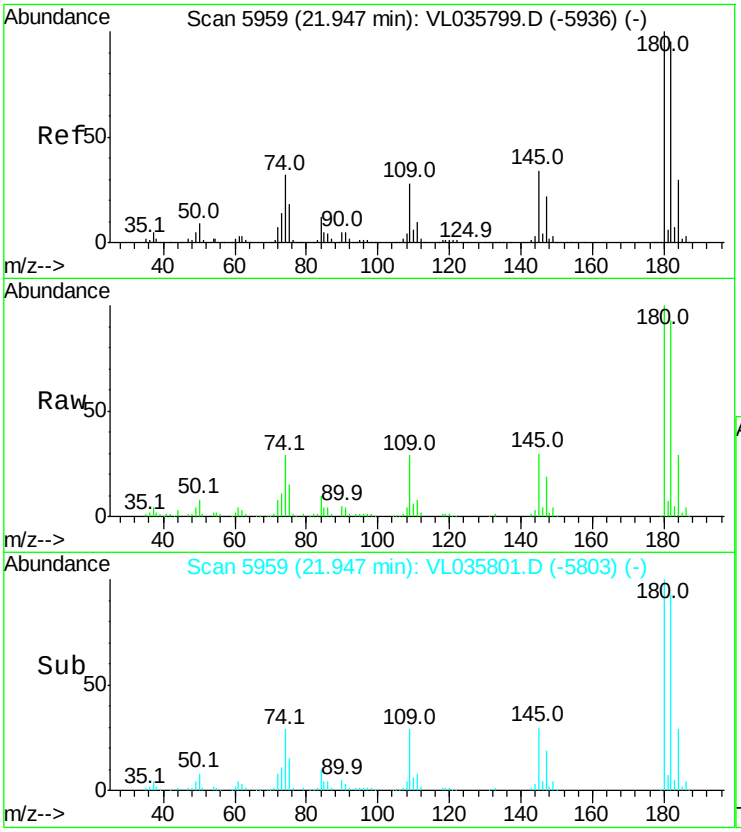


#80
Naphthalene,2-methyl-
Concen: 0.358 ppbv
RT: 24.99 min Scan# 6905
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Tgt Ion:142 Resp: 47155

Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.8	101.8
115	36.3	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 0.888 ppbv
RT: 21.95 min Scan# 5959
Delta R.T. 0.00 min
Lab File: VL035801.D
Acq: 3 Nov 2020 11:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 256883

Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.2	115.8
184	30.2	24.7	37.1